Sustainability Report 2023
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About the Report

This report provides information about sustainability initiatives by the Mitsubishi Electric Group to help realize a sustainable society. It primarily reports on significant activities, events, and changes that occurred in fiscal 2023 (year ending March 31, 2023). In reporting our activities, we tried to go beyond just presenting our principles and the results of activities to date in order to also refer to future policies and issues. Especially regarding our responses to incidents that caused stakeholders to worry and be troubled, we endeavored to report the progress of our efforts.

We endeavor to fulfill our responsibility of presenting information to the public in order to broaden our range of communication with stakeholders. We appreciate any and all frank and honest feedback intended to further improve the report.

Period Covered by the Report
April 1, 2022 – March 31, 2023
*Also includes some information on policies, targets, and plans for fiscal 2024 and thereafter.

Scope of the Report

Social Aspects Primarily covers activities of Mitsubishi Electric Corporation
*The range of data compiled is noted individually.

Environmental Aspects Primarily covers performance of Mitsubishi Electric Corporation and its affiliates
(Japan: 149, overseas: 101, total: 251)

Economic Aspects Primarily covers performance of Mitsubishi Electric Corporation, consolidated subsidiaries, and equity method affiliates
* Detailed information on economic performance is provided in the Investors section of our website.

Locations where our disclosed information is published

To fulfill accountability to society, in addition to reporting our sustainability management, we divide our activities into three different categories in our reports: environment, society, and governance.

References
- ISO26000
- GRI Standards, Global Reporting Initiative
- Environmental Reporting Guidelines (2018), Ministry of the Environment
- Business Owner Environmental Performance Indicator Guideline (2002), Ministry of the Environment
- Environmental Accounting Guidelines (2005), Ministry of the Environment

Reporting Medium
Non-financial information about the Mitsubishi Electric Group is disclosed in the Sustainability section of the website and ‘Sustainability Report.’

Regarding Future Projections, Plans, and Targets
This report contains not only statements of past and present facts related to Mitsubishi Electric Corporation and its affiliates (Mitsubishi Electric Group), but also future projections, plans, targets, and other forward-looking statements. Such projections, plans, and targets constitute suppositions or judgments based on information available as of the time they are stated.

Future business activities and conditions may differ from projections, plans, and targets due to changes in various external factors. The Mitsubishi Electric Group conducts business in the form of development, manufacturing, and sales in a broad range of areas, and these activities take place both in Japan and overseas. Therefore, the group’s financial standing and business performance may be affected by a variety of factors, including trends in the global economy, social conditions, laws, tax codes, litigation, and other legal procedures.

We would ask stakeholders to keep these points in mind when reviewing this report.

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Inquiries on sustainability
President’s Message

Our intensification of sustainability management

In fiscal 2023, the Mitsubishi Electric Group positioned realizing sustainability as the cornerstone of corporate management in our management policy. In accordance with this policy, we have organized four points to be focused, namely “contribution to a sustainable society through our businesses,” “responsibility for a sustainable society,” “risk management in response for long-term social and environmental changes,” and “communication with stakeholders.”

In addition, we have identified five areas as materiality (important challenges) to “provide solutions to social challenges through our businesses” and to “strengthen our business foundation to enable sustainable growth” in order to push forward sustainable management.

For “providing solutions to social challenges through our businesses,” we have identified “carbon neutrality,” “circular economy,” “safety and security,” “inclusion,” and “well-being” as areas of focus, and we are directing our initiatives toward achieving five targets of SDGs.

Especially, “carbon neutrality” is one area in which we can demonstrate our strengths, and we are accelerating initiatives in terms of both “responsibility” and “contribution.” For “responsibility,” by which we aim to decarbonize within our domain, we have revised our previous target for fiscal 2031 of “reducing greenhouse gas emissions at factories and offices by 50% or more (compared to fiscal 2014)” to “net zero by fiscal 2031.” For “contribution,” we aim to create and expand businesses that contribute to all of society realizing carbon neutrality.

As for the other four areas, we aim to realize a cycle in which we not only “contribute” to realizing a sustainable society through our businesses but also work to solve issues as part of our “responsibility” for realizing a sustainable society, and apply the knowledge and good practices obtained in this process to our businesses.

Transforming into a "Circular Digital-Engineering Company"

Based on a long-term perspective, the Mitsubishi Electric Group is working to transform itself into a “Circular Digital-Engineering Company” that delivers new value through co-creation and by integrating knowledge with and outside the Group. The Group has conventionally sold standalone products and services, and has developed its business primarily through components. When our customers use the products we deliver, operational status and other such data is stored, and this data is becoming increasingly important. By consolidating and analyzing data acquired from our customers in a digital space and by creating strong bonds within the Group and putting our heads together, we will evolve our components, systems, and Integrated Solutions and create new value. And to more widely return to our customers the benefits of the new value we thus create, we will transform into a “Circular Digital-Engineering Company” and thereby contribute to solving today’s diverse social challenges.

Some of these businesses are already seeing growth. For example, in the FA system business, we are now able to make proposals that extend to consulting, such as improving the efficiency of manufacturing processes and appropriate maintenance methods, by carrying out simulations by analyzing data accumulated in physical space with our Digital Twin, which is a digital reproduction of the customer’s production line. This, we believe that, will not only enable us to offer new value to our customers, but also greatly expand our business areas.

Fostering of diverse, multifaceted human capital

For the sustainable growth of the Mitsubishi Electric Group, it is essential to foster human capital to serve as the Group’s driving force. Based on this belief, we will expand and strengthen our investment in people, who are the core of the company’s growth. In particular, we respect individual career ownership and value “diverse and versatile human capital” who think independently, act proactively, and continue to take on challenges. In addition, to maximize the value of human capital, human capital strategies must be integrated with business strategies. For example, to realize our goal of becoming a “Circular Digital-Engineering Company,” we need core human capital such as “DX system architects” who can design the overall picture for connecting data and systems based on core components and field knowledge and, “DX engineers” who can develop and implement DX-related software and systems. We will hire and train human capital to reach our desired state in five to ten years.

In terms of gender balance, we feel that issues remain to be addressed, such as the
male-female ratio in managerial positions at locations in Japan. To ensure equal opportunities for employees, we must eliminate unconscious biases stemming from an attitude of ‘because someone is male/female.’ We are also creating a more comfortable work environment for employees who are raising children through measures such as expanding on-site childcare facilities. In April 2022, we started the ‘President’s School’ for newly appointed Executive Officers and others to foster management professionals. As a preliminary step, it is essential to systematically foster the next generation of management candidates. We will conduct candidate assessments and promptly compensate for shortages in terms of overseas experience or work experience in order to promote career development with an eye to the future. In addition, we are working to create a system for promoting new and competent employees as well as for introducing job-grading to stimulate personnel transfers globally.

Three key reforms

About a year has passed since the start of the three key reforms aimed at restoring trust, namely the “quality assurance reform,” “organizational culture reform,” and “governance reform,” and measures for reforms are progressing as planned.

For the quality assurance reform, we are rebuilding organizational capabilities to provide technically correct explanations to customers and reducing workloads on the front lines by having management themselves engage in dialogue and negotiation with customers, thereby establishing a system through which “the front lines do not have cause to carry out improper quality control in the first place.”

For organizational culture reform, we are working to foster a culture in which “Employees feel that they can consult with their superiors,” “failures are tolerated,” and “problems are solved together.” We are reforming management itself and changing the behavior of those in managerial positions, and we are promoting initiatives such as “town hall meetings” in which management and front-line employees discuss issues directly on equal footing as well as facilitating dialogue using in-house social media.

For governance reform, we are building a compliance system that emphasizes prevention. By appropriately including external perspectives, we will realize a governance/internal control structure that inhibits and prohibits misconduct. A third-party evaluation conducted on the effectiveness of the Board of Directors in fiscal 2023 found that its effectiveness had improved. In addition, two new female outside directors were appointed at the 152nd Annual General Meeting of Shareholders in June 2023. Our Board of Directors, of which independent outside directors comprise the majority, will continue to develop our business from various perspectives brought together by diversity in terms of gender, nationality, work experience, and age.

The Mitsubishi Electric Group’s Purpose and each employee’s individual purpose

We conduct our businesses based on our Purpose that “We, the Mitsubishi Electric Group, will contribute to the realization of a vibrant and sustainable society through continuous technological innovation and ceaseless creativity.” This is the raison d’être of the Mitsubishi Electric Group, and the ultimate goal that we always pursue.

While the Company’s Purpose is the aspirations of the organization, it is “My Purpose,” which is the aspirations of each individual employee, that is essential to the steady implementation of the organization’s aspirations. The entire Group is currently promoting My Purpose activities in order to make the Company’s Purpose into something personal to each employee.

I have set “Build a vibrant company, through maintaining passion, enthusiasm, and goal-focused persistence” as My Purpose. Currently, all executives, including myself, are sharing their individual Purposes within the company, and we plan to gradually expand this initiative from the management level to front-line workers. To make a change, it is necessary to act with oneself as the target of the change, and in this sense, we believe that it is particularly important for everyone to clarify his or her My Purpose. By doing so, they can become aware that the Company’s aspirations partially overlap with their own. Furthermore, employees can feel and realize what the Mitsubishi Electric Group is aiming to achieve while engaging in their own daily work through My Purpose activities.

Kei Uruma
President & CEO
July 2023
Message from the Executive Officer Responsible for Sustainability

Toward Realizing Sustainability

A year has passed since the Mitsubishi Electric Group adopted the management policy: “we will return to our fundamental principle of addressing social challenges through our businesses” and position the realization of sustainability as the cornerstone of our management. From this approach, we will pursue a sustained enhancement of our corporate value and fulfill our responsibility to society, to our customers, shareholders and employees, and to all other stakeholders.” We have made various efforts to implement sustainability into our management.

Promoting the Realization of Sustainability

First, the Sustainability Committee and other committees discussed what Mitsubishi Electric should do now that sustainability is positioned as the cornerstone of our management, and clarified four actions to promote the realization of sustainability.

The first action is to contribute to the “realization of a vibrant and sustainable society” by solving social and environmental issues through our businesses. The second is to conduct business responsibly in a manner that does not cause or exacerbate social challenges or environmental issues. The third is to adapt to changes in society and the environment not only in the short and medium terms but also in the long term, in other words, to create business opportunities to develop sustainability, and to predict risks to control or minimize their impacts on business management. The fourth is to communicate with society, customers, shareholders, employees, and other stakeholders through highly transparent disclosure of information in a way that reflects society’s expectations, requests, and opinions to the corporate management.

Essential KPIs Regarding Materiality (Important Challenges)

The Mitsubishi Electric Group has set materiality (important challenges) as follows: “Realize a sustainable global environment,” “realize a safe, secure, and comfortable society,” “respect for all people,” “strengthen corporate governance and compliance on a sustainable basis,” and “create a sustainability-oriented corporate culture.”

As for the five materiality initiatives that we identified from the two aspects of “providing solutions to social challenges through our businesses” and “strengthening our business foundation to enable sustainable growth,” we promote continuous activities for improvement by implementing the PDCA cycle for mid- to long-term goals. In 2023, we identified 17 essential targets and KPI. To achieve them, the Sustainability Committee promotes measures with checking the progress in order to steadily incorporate them into management.
Our Challenge Areas toward Solving Social Issues

Among the broad range of our business fields, from home appliances to space electronics, we have reorganized the social issues we want and are expected to solve with the Mitsubishi Electric Group's human capital and technologies. Throughout the reorganization, our Sustainability Vision formulated in 2022, “Creating Harmony with People and the Planet” is always on our minds. It is exactly what we aim to realize by 2050 as “a Sustainable Society Full of Prosperity.” Mitsubishi Electric Group believes that such a society makes our stakeholders feel happy, including our business partners, customers, and Mitsubishi Electric Group employees.

Backcasting from our goals for 2050, we identified the five challenge areas as follows: Carbon neutrality, Circular economy, Safety/Security, Inclusion, and Well-being.

Carbon neutrality: A decarbonized society with fewer CO₂ emissions from our company and society itself, and with mitigations against climate change.
Circular economy: A society that effectively uses and sustainably circulates resources.
Safety/Security: A resilient society that can respond to various environmental changes and risks.
Inclusion: A society in which all kinds of people are respected and anyone can live freely, fairly, and in a lively manner.
Well-being: Comfortable lives and physical and mental well-being for each and every individual.

We aim to achieve these challenges to realize a Sustainable Society Full of Prosperity. Especially, carbon neutrality is one area in which we can demonstrate our strengths by accelerating initiatives in terms of both “responsibility” and “contribution.” For “responsibility,” by which we aim to decarbonize within our domain, we have revised our target for fiscal 2031 from “reducing greenhouse gas emissions at factories and offices by 50% or more (compared to fiscal 2014)” to “net zero by fiscal 2031.” For “contribution,” we aim to create and expand businesses that contribute to all of society realizing carbon neutrality.

Our Approach to Human Capital

The driving force for realizing sustainability is none other than the people involved in the Mitsubishi Electric Group. Based on this mindset, we are further promoting our human capital strategy that considers “people = capital that generates value for the future.” In order to regain society’s trust and thrive in an increasingly competitive global business environment, the Mitsubishi Electric Group will push forward with all kinds of reforms by mobilizing the diverse, multifaceted strengths of its individuals.

Toward Reforms

It has thus been a year since Mitsubishi Electric announced that it would position the realization of sustainability as the cornerstone of its management. In response to the improper quality control practices in fiscal 2023, Mitsubishi Electric is taking steps to change. This reform will not be accomplished instantly. In particular, the activities we are undertaking to reform our culture will not be a one-time event, and we must patiently resolve each issue individually over the next five to ten years to ensure that a better corporate culture takes root.

In these initiatives, I personally value “taking ownership and working voluntarily.” This is what I consider to be my Purpose. I commit myself to achieving sustainability by aligning my own individual Purpose with the ideal conditions that the Mitsubishi Electric Group envisions.

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Realize Sustainability

Social value
- Impact on the environment and society
  - Create positive impact (contributions)
  - Reduce negative impact (responsibility)

Economic value
- Earning power and other financial value

Create social value from economic value
Create social value from social value
Create economic value from social value

Satoshi Takeda
Executive Officer
Sustainability Highlights

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Our Roadmap for the Three Reforms

We give serious weight to the findings and recommendations of the Investigative Committee and the Governance Review Committee with regard to the improper quality control practices that have come to light, and the entire Group is working to prevent recurrence. In October 2021, we formulated three reforms (quality assurance, organizational culture, and governance), including measures to prevent recurrence, and the entire company is working to implement fundamental reform initiatives while deepening and developing the three reforms to restore confidence in the company.

Regarding the progress of the three reforms and other efforts, we established the ‘Monitoring Committee for the Three Reforms’ under the Board of Directors in December 2022 and started monitoring on the supervisory side with the participation of outside experts.

On our website, we disclose the details of the progress of measures to prevent recurrence as of the end of FY2023.

We plan to continue to announce the progress on our website.

Restoring trust: Our roadmap for reform

Overall Concept of Recurrence Prevention Measures

Based on the surface causes, true causes, and proposed countermeasures brought to attention by the Investigation Committee and the Governance Review Committee to date, we will steadily promote reforms in the three areas of quality assurance, organizational culture, and governance at the company-wide level to prevent recurrence.

**Governance Review Committee recommendations**

1. **Governance improvements**
   - Strengthen the Board of Directors’ functions.
   - Strengthen the three statutory committees’ functions.
   - Enhance the Executive Officers’ meeting.
   - Actively use the Business Area Owner and chief officer structure to strengthen governance.
   - Strengthen corporate divisions’ company-wide functions.

2. **Internal control system improvements**
   - Introduce a compliance program tied to risk levels.
   - Raise awareness of the corporate philosophy and quality reforms.
   - Use automation & Digital Transformation to visualize quality-control processes.
   - Enhance mechanisms for early detection of anomalies (personnel rotation, whistleblower system, etc.).
   - Create environments that help employees concentrate (streamline work processes).

3. **Governance reforms**
   - New company-wide governance & internal control systems informed by external perspectives will eliminate incentives for improper conduct.

**Impact of the reforms in three key areas**

4. **Quality assurance reforms**
   - New engineering processes will create systems & environments that eliminate incentives for improper conduct.

5. **Organizational culture reforms**
   - Open, two-way communication will foster a culture conducive to solving problems systematically.

6. **Governance reforms**
   - New company-wide governance & internal control systems informed by external perspectives will eliminate incentives for improper conduct.

**Investigative Committee recommendations**

7. **Governance improvements**
   - Ensure proper company-wide understanding of quality (to prevent justification).

8. **Internal control system improvements**
   - Check and review processes, such as procedural manuals, from a third-party perspective.

9. **Governance improvements**
   - Strengthen the Quality Control Division.

10. **Support and strengthen middle management.**

11. **Address disconnects between the head office and field personnel.**

12. **Foster company-wide affiliations rather than the current emphasis on plant-/worksite-level affiliations.**

13. **Create a highly independent Business Unit System.**

14. **Demonstrate management’s resolve to strengthen quality compliance (from the perspective of governance for senior management).**
Generally, we are making progress as planned with respect to system building and implementation of activities for each item. We have also confirmed progress in spreading quality compliance awareness through the employee awareness surveys, and we will continue to work to get quality compliance activities to take root and spread.

In addition, since December 2021, the Quality Governance Subcommittee (chaired by the General Manager of the Corporate Legal & Compliance Division) has been monitoring and checking the effectiveness of each initiative carried out under the quality assurance reform on a regular basis with the advice of outside experts.

With regard to strengthening communication skills, we are actively providing a variety of training programs for employees and increasing opportunities for executives to deliver messages directly to employees.

While we will continue our efforts to review the control span and authorities of middle managers, we have already established a framework for the personnel system as planned, including implementation of the rotation system among offices and positions as well as the establishment of an internal recruitment system and a career consulting office, and we will continue to make efforts to get these activities to take root.

Regarding the monitoring of the Board reforms and company-wide reforms, we have completed the construction of the framework, and the implementation phase will begin in FY2024. We have already started a variety of studies to improve the internal control system, and in FY2024, we will formulate the details of compliance strategies.
In 2022, the Mitsubishi Electric Group took another step forward in its reform that began the previous year.

We proposed the “Robust Policies” formulated in April 2022 and launched reform projects in each business group, branch office, and Works, and we are strengthening the promotion system to ensure initiatives are carried out to reform the negative corporate culture (from minus to zero) and to build a new corporate culture (from zero to an even better tomorrow).

Among these initiatives, we planned measures concerned with “communication transformation” in FY2023. We have begun a variety of initiatives in diverse locations to foster the culture that we envision.

Addressing everyone by "san"
~ To spread an open atmosphere throughout the company in which all employees can build a relationship of trust regardless of rank ~

As the first initiative of the Team Sousei project, we launched an initiative to address everyone by the neutral honorific “san,” though previously supervisors were addressed as “XX Kacho” (section chief) and so forth.

This practice has spread at an accelerated pace after the president encouraged all employees to make this a basic behavior together with sharing greetings and showing appreciation. This initiative has led to significant changes throughout the company, such as lowering barriers to and making the internal environment more facilitating for conversations as well as making the tone in emails more casual.

Townhall Meeting

Provided a total of 314 opportunities for two-way dialogue between top management and employees to deepen understanding

We have held dialogue-style discussions based on our belief that to promote cultural reform, it is important to have two-way conversations rather than top-down, one-way communication. In FY2023, the president and general managers visited business sites and held this style discussions 314 times in total.

The top management’s intention to change Mitsubishi Electric is starting to resonate with employees, who see how seriously the company is attempting to change and the direction that the company is going to change.

Grassroots Activities

Opportunities for dialogue are expanding among nation-wide business sites

Having also launched the reform project in business groups and divisions, each workplace is conducting a variety of activities.

We provide opportunities to facilitate dialogue across ranks and divisions, including workshops where all participants think together about how each workplace will tackle the organizational culture reform. These programs are designed to enable participants to talk as frankly as possible, including by providing opportunities for directors and employees to chat and consult with each other as well as for employees of the same rank to share information in order to help solve problems at their workplaces.
Multi-Region EMS*1 to Promote Effective Use of Renewable Energy

In April 2023, we began offering a Multi-region EMS that makes corporate efforts towards carbon neutrality more efficient and transparent. We will support to achieve company’s decarbonization targets at a locational level by dispatching distributed renewable energy from other sites through a self-service wheeling*2 and by using battery storage control system.

*1 Official name: Multi-region digital power supply system
*2 A system in which energy from the company's own generation facilities is transmitted to other sites of demand within the company using a power transmission and distribution network owned by electrical utilities.

What is self-service wheeling, which enables power to be distributed to other sites?

Self-service wheeling means to consume electricity from the company’s own generation facilities in remote locations. If the power generated by solar panels and other renewable energy resources can be distributed to other sites through self-service wheeling, in addition to reducing the cost of electricity, the company will also be able to demonstrate to society a high level of environmental awareness. While the number of companies and local governments adopting self-service wheeling is increasing, the task to use this system is considered to be complicated, and multi-region EMS is a notable solution to this challenge.

Transmission of distributed power to priority sites using self-service wheeling

Using a system that controls and operates distributed energy resources make it possible to instantly transfer such energy where it is needed. Decarbonization targets can be met on a site-by-site basis by overcoming challenges such as space limitation to install generation facilities and fluctuations in power generation due to changes in weather or time of day.

Large capacity batteries control ensures stable operation

Installing large-capacity storage batteries allows for the intermittency of renewable energy output to be adjusted on a millisecond basis. This ensures stable power supply system operation, which is a challenge for large-scale renewable energy resources generation facilities.

Utilizing renewable energy without waste by optimizing operations

It is possible to optimize the combination of self-service wheeling, on-site consumption, and battery recharging in 30-minute increments by taking into account highly accurate generation forecasts as well as electricity demand forecasts, storage battery capacities, and the prices of environmental certificates.* This optimizes utilization of renewable energy value without waste.

* Environmental certificates are certified by an accredited body to demonstrate the environmental value and greenhouse gas emission reduction benefits achieved by renewable energy generation. In Japan, these are currently non-fossil certificates, J-credits, and green power certificates.

All-in-one representation of complicated tasks in system operation

The demand and supply of electric power is required to be balanced on a 30-minute basis as a rule, and demand forecast and generation and transmission plans must be reported every 30 minutes. Not only does this perform these complicated tasks on behalf of the customer, it also automates the power planning tasks required for self-service wheeling, which streamlines the operations.

Mitsubishi Electric Biz Timeline, seven key words you need to know to solve energy problems (in Japanese text)
**Three health technologies to monitor the elderly while ensuring privacy**

**Privacy space silhouette footage monitoring**

**kizkia-Knight**

The kizkia-Knight makes it possible to monitor toilets, where cameras cannot be installed for privacy reasons. A built-in infrared sensor captures temperature data, transmits it to the cloud, and converts to a silhouette footage. Monitoring can be implemented while respecting privacy without using a real video footage. In addition, AI analysis of the silhouette footage detects toilet use and duration as well as conditions such as falls and stooping, and notifies staff members via their smartphones. Even if no staff member is nearby, a staff member can quickly be dispatched to the site.

Nursing care robot AI x Monitoring service kizkia-Knight (in Japanese text)

**A subscription service that uses home appliances to provide monitoring services to family members who live far away**

**MeAMOR**

For family members who live far away may be concerned about elderly people living alone. Mitsubishi Electric provides MeAMOR,* a subscription service that enables customers to monitor the conditions of elderly people living alone and others in similar situations through the use of home appliances, the indoor temperature, and others. If the air conditioner, the refrigerator, or the water heater is not used for an extended period or another unusual trend is detected, the system notifies the connected application to alert family members living far away. Use of home appliances makes it possible to monitor the living conditions of elderly family members without invading their privacy.

Elderly monitoring service MeAMOR (in Japanese text)

**Monitoring elderly people in their residences and reducing the burden of nursing staff**

**MelCare**

In addition to ensuring resident safety and security, staffing and streamlining of operations have been identified as major concerns for nursing facilities. MelCare, which uses sensors and the cloud, is a solution for monitoring residents to prevent falls as well as for reducing regular patrolling of the premises by staff members. The system reduces the workload for staff members through streamlining of monitoring operations by sending the status of in-room information to each staff member’s smartphone or other device. This service enables residents to be observed naturally without the stress of feeling that they are being observed.

MelCare’s three major monitoring functions

- **Fall monitoring**
  An alert is issued if a resident falls in their room. Staff can quickly rush to rooms where something is wrong. “Video confirmation” and “checking out for peace of mind” can also be done from smartphones.

- **Fresh air monitoring**
  Anomalies in room temperature, humidity, and CO2 concentration are detected, leading to rapid discovery of inappropriate air conditioning operations and heat stroke risk.

- **Life rhythm monitoring**
  Based on sensor information, the system tracks sleep patterns, getting up from bed, and bathroom usage frequency to prevent accidents and detection delays by visualizing residents’ conditions.

Mitsubishi Electric’s MelCare for safe, reliable monitoring support (in Japanese text)
Realize a Safe, Secure, and Comfortable Society

Comfortable Air and Light that Enriches People's Lives and Creates Well-Being in Interior Spaces

Now that we have experienced the COVID-19 pandemic, the need for interior spaces is becoming more diverse. With the growing demand for spaces that are not only safe but also comfortable, Mitsubishi Electric is committed to contributing to people's well-being through our products.

The world's first
Caring for People's Emotional State and Controlling Air Quality
Pursue Comfort with "emoco tech"

In February 2023, Kirigamine's Z-Series room air conditioners were equipped with the world's first "emoco tech" technology, which controls air quality by measuring your emotional state. The air conditioning system uses information on windchill temperature measured by the conventional infrared sensor "move eye mirAI+" and information on a person's pulse measured by the newly developed vital signs sensor "emoco eye" to assess even emotions and controlling the air quality accordingly. The key to our air conditioning system is the "emoco eye", a revolutionary sensor developed in collaboration with three companies that measures a person's pulse without contact and estimates feelings of comfort or discomfort and the amount of brain activity based on how the pulse fluctuates. We continue to evolve toward an air conditioning system that is more in tune with human comfort.

The latest Jet Towel with Health Air®
Function to Clean Even the Space

Hand dryers, which have sometimes been discouraged in the wake of the COVID-19 pandemic, do not spray water droplets directly and are safe to use with regular cleaning. Jet Towel Slim Type (Enhanced Hygiene Model) strengthens the hygienic aspect even more than conventional models. The air is circulated and cleaned 24 hours a day by a circulating fan equipped with the Health Air® technology. It is also effective in deodorizing troublesome odors. In addition, the body is made of antimicrobial resin for improved hygiene, and the two-stage nozzle structure prevents water droplets from splashing onto the user.

Provide a Sense of Openness with the "misola" Lighting that Makes It Appear as if It Is a True, Real Blue Sky

Blue-sky Lighting, "misola" was born from the idea of bringing lighting that mimics the blue sky into the lives of people who want to feel comfortable in a natural environment. In pursuit of the reproducing the blue sky, we developed a scatter panel that expresses an endlessly expanding blue sky with no visible light points. We even intended to create a shadowed part of the frame to express the natural light streaming through the frame, which is designed to look like sunshine. This effect brings a sense of openness to rooms even without windows, and serves as a means of stimulating communication and helping to create a restful atmosphere, and has therefore been delivered to many clients.

Voice
Providing Real Comfort for Our Customers

As a pioneer brand of infrared sensors, Kirigamine has been used to measure wall, floor, and ceiling temperatures, the position of people, surface temperatures, and other factors for comfort control. "emoco tech" was born from the idea that "we can make people more comfortable." Developing the sensor was never an easy task. We made strenuous efforts to find collaborators after many phone calls, and we finally found collaborators, which resulted in the creation of an unprecedented technology for the estimating emotions. Looking beyond comfort in pursuit of better living, we aim to apply our products to a wide range of fields, including air conditioning, thereby contributing to well-being.

Mitsubishi Electric Room Air Conditioner "emoco tech" (in Japanese text)

Voice
Blue-sky Lighting "misola" (in Japanese text)
Initiatives that Contribute to Addressing Social Challenges

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Public Utility Systems Group

Contributing to creation of a sustainable, safe, secure, comfortable and affluent society by providing products, systems and services for the social infrastructure that underpins our lives

Hideto Negoro
Executive Officer, Group President, Public Utility Systems

The Public Utility Systems Group provides a host of products, systems and services used in social infrastructure in the areas of water environment, rivers, railways, roads, aviation, and communication. Integrating the wide range of technologies. We have accumulated over the years, we provide solutions to address various social challenges in order to contribute to a safe, secure, comfortable and affluent society.

1. Realizing a society with rich water cycle.
   We will continue to reduce environmental burdens and realize a society with rich water cycle by advancing water and sewage systems using IoT technology and introducing highly efficient water recycling systems that make use of ozone.

2. Contributing to the achievement of carbon neutrality
   We will contribute to further development of environmentally-friendly railways and to the achievement of carbon neutrality with energy efficient electrical components for rolling stock and by providing solutions that improve maintenance efficiency.

3. Creating safe, secure and comfortable cities
   Mitsubishi Electric aims to create safe, secure and comfortable cities by providing disaster prevention and mitigation systems in response to natural disasters as well as services that enhance maintenance and management of social infrastructure.

Major social challenges for which risks and opportunities have been recognized and evaluated
- Appropriate use of water
- Optimal use of energy
- Addressing climate change
- Measures against air, water, and soil pollution
- Waste reduction and management
- Sustainable use and development of resources
- Development of safe, secure, comfortable, and sustainable cities

Priority SDG initiatives
- Creating safe, secure and comfortable cities
- Contributing to the achievement of carbon neutrality
- Realizing a society with rich water cycle

Railway LMS on INFOPRISM*
Solutions to support safety, security and efficiency of railway operation

"Railway LMS on INFOPRISM" is designed for railway operators, who are tasked with ensuring safe and suitable transportation. We provide multifaceted support by utilizing our proprietary IoT platform "INFOPRISM" which leverages our own AI technology.

* LMS stands for "Lifecycle Management Solution", i.e., a total life-time support for rolling stock in railway business.

Wide range of support for "Railway LMS on INFOPRISM"

Improved rolling stock availability
In the event of a breakdown, Realtime remote monitoring for rolling stock equipment data enables quick and accurate operations and reduces the impact on personnel arrangement and rolling stock operations. In the future, we will attempt to prevent breakdowns and malfunctions by using data analysis to detect signs in advance.

Mutual data utilization among railway operators
If railway operators have already set up the rolling stock information monitoring system on INFOPRISM, they can monitor the failure statuses of other operators' rolling stock running on the same line, which can lead to improved operations.

In addition, the analysis of various rolling stock data is expected to make a wide range of other contributions, such as improving and streamlining maintenance as well as optimizing operations from the perspectives of management and the environment.

Launch of "Railway LMS on INFOPRISM," a maintenance solution for railway rolling stock

Combination of railway expertise and data analysis to promote customer challenges
Since its introduction in 2019, we have gradually expanded the number of routes and added features that go beyond data analytics. Customers have commented that when a breakdown occurs, they can check data in real time without having to visit the site, which enables faster, more accurate, and more efficient recovery. They also note that having data-based views at their fingertips makes it easier to consider energy-saving measures. Through Railway LMS, we will continue to contribute to operation, maintenance and development of railways, which are critical social infrastructure, from safe, secure transportation to advanced, efficient maintenance, energy savings, and passenger services.
Energy & Industrial Systems Group

Soichi Hamamoto
Executive Officer, Group President, Energy & Industrial Systems

In response to increasing electric demand to support a sustainable society, we will contribute to realization both of carbon neutrality and stable power supply through our strong development and engineering capabilities.

Amid growing awareness concerning response to increasingly severe natural disasters as well as energy security, the markets surrounding the energy industry face various challenges. While solving technology challenges, including increase of local production for local consumption in terms of the supply and demand of electricity due to the spread of renewable energy resources and storage batteries, fluctuations in the output of variable renewable energy resources such as solar and wind power, and the influx of surplus electricity generated at factories, households, etc. (consumers) into the power grid, the industry needs to realize both stable power supply and its efficient operation.

In the midst of this situation, the Energy & Industrial Systems Group has defined the realization of both carbon neutrality and the stable power supply as a social issue to be resolved. While investing resources in the creation of digital energy (via visualization of electricity) business value within the power ICT field and in the technology development to contribute maximum use of renewable energy, such as DC power transmission and power system stabilization technology as well as distributed energy resources control and wide-area monitoring control systems, we will contribute to realization of carbon neutrality. In the power generation and transmission & distribution business, which are underlying business of the Group, we will also work to ensure the stable power supply by enhancing maintenance service that supports stable power grid operations.

VSC-based high-voltage direct current systems *HVDC-Diamond®*

Stable supply of electricity from offshore wind power generation

Renewable energy, which is considered to be an effective energy resource to achieve carbon neutrality which has come to be a global environmental challenge in recent years, is typically generated far from onshore substations or where power is needed, so advanced transmission technology is required to ensure effective, reliable power supply. Thus, direct current (DC) power transmission has been attracting attention. DC transmission has higher transmission efficiency than alternating current (AC) transmission and can easily be interconnected with offshore wind, solar power generation, and other renewable energy resources. In particular, demand for "VSC-based" DC power transmission systems, which do not require a generator appropriate for the converter to convert between AC and DC, is expected to grow because it has few limitations on the grid conditions to connect.

**Topics**

**Voice**

Contributing to social infrastructure toward carbon neutrality

Mitsubishi Electric has few limitations on the grid conditions to connect.

**Sustainability Highlights**

- **Major social challenges for which risks and opportunities have been recognized and evaluated**
  - Optimal use of energy
  - Introduction of clean energy
  - Sustainable use and development of resources
  - Addressing climate change

**Energy & Industrial Systems Group**

- **Energy & Industrial Systems Group**
  - Leveraging its extensive experience in power generation and transmission & distribution fields, Mitsubishi Electric has developed the HVDC-Diamond®, a VSC-based HVDC power transmission system that integrates a power converter station with covering all DC power transmission system. The system contributes to realizing stable power supply generated from wind farms by installing in onshore wind substations.

**Comprehensive evaluation at the HVDC verification facility**

The HVDC-Diamond® verification facility has been operating since 2018. In addition to accumulating data on control, long-term stability, and practical performance, we will verify operation in the event of a fault on the AC network and DC network with actual scale to provide highly reliable systems that meet diversifying market needs.
The Building Systems Group manufactures building management systems and elevators and escalators that provide vertical transportation within buildings. As part of our mission to deliver products and systems and the subsequent maintenance thereof, we believe it is important to give priority to the safety and security of our customers throughout the product lifecycle. In doing so, we help to create a comfortable, environment-friendly society through our products and services. Maintaining this promise, the Building Systems Group is focused on the following initiatives:

1. Pursuing user-friendly, eco-conscious products
2. Offering one-stop ZEB solutions
3. Contributing to smart buildings and smart cities

* A building where the net consumption of fossil fuel energy is zero or roughly zero, offset by energy savings and the utilization of renewable energy resources.
* Buildings where people feel safe and comfortable and can work efficiently that also solve social challenges through energy and labor savings achieved with in-building data collected using IoT technology.
* Cities with optimized urban infrastructure and facility management operations as well as increased convenience and comfort for businesses and consumers.

AI is used to analyze big data generated from facilities, the environment, and consumer behavior data in order to remotely control facilities and equipment.

### Topics

#### Robot mobility support service utilizing Ville-feuille®

**Solving labor shortages by creating a robot-friendly building environment**

To solve the labor shortage, one of current social challenges, service robots are being introduced in many buildings. Mitsubishi Electric, which has extensive expertise in building equipment, provides robot mobility support services utilizing the Ville-feuille® building IoT platform. By connecting robots to elevators and other equipment, this service facilitates the movement of robots within buildings, enabling robots to autonomously move between floors and managing multiple robots with various applications. We support the activities of service robots and their coexistence with humans, thus contributing to solving the labor shortage.

**Toward a safe, secure environment in which humans and robots coexist**

An experiment was conducted at Fujita Health University Hospital (in December 2022) to verify elevator safety when a human and a robot ride together. Safe, smooth transportation has been realized by alleviating the existing problem of reduced operational efficiency due to robot-only operation that forbids human passengers from riding in the same elevator car.

![Mitsubishi Electric SOLUTION SITE “Robot Management Solution”](in Japanese text)

### Voice

**Robot-friendly building environment for easy robot movement**

Using my experience as a former building systems engineer, I have been involved in the concept planning and demonstration testing of Ville-feuille® since its inception. Utilizing Ville-feuille®, we have achieved synergy between the long-established technology of elevators and the new service of robots. The number of service robots is expected to grow rapidly in the next few years, and we will support their smoother movement within buildings to help establish traffic rules among robots.

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Iwao Oda
Senior Executive Officer, Group President, Building Systems

Tomoaki Sugiyama
Mitsubishi Electric Building Solutions Corporation
Domestic Business Group
Business Development Division
Administration & Sales Management Department
System Planning Department
Service Section
Defense & Space Systems Group

Contributing to solving environmental issues and create sustainable cities by providing artificial satellites and other high added-value products and services

The Defense & Space Systems Group is contributing to the realization of an affluent society by providing artificial satellites, various sensor systems, and other ranges of products and services. By further enhancing our strength in the satellite system, sensor, high-precision positioning, and other technologies and advancing the following initiatives by leveraging these strengths, we will continue to solve social issues:

1. Providing products and services that contribute to solving environmental issues
   With our observation satellites, represented by the greenhouse gases observing satellites (the GOSAT series), we contribute to solving global-scale environmental issues by providing data on the global environment, such as greenhouse gas density distribution and air pollution monitoring.

2. Providing solutions that contribute to solving various social issues by using satellite data
   By utilizing image data and location information from observation and positioning satellites to provide new solutions for disaster prevention and reduction as well as automated driving, we will contribute to creating secure, safe, and comfortable sustainable cities.

Major social challenges for which risks and opportunities have been recognized and evaluated

- Securing of a sustainable food production system
- Integrated management of water resources
- Infrastructure development that supports economic growth and disaster prevention
- Creating secure, safe and comfortable sustainable cities
- Reduction and management of waste
- Addressing climate change
- Prevention of marine pollution
- Prevention of deforestation

Priority SDG initiatives

2. Food security and nutrition
6. Clean water and sanitation
9. Industry, innovation and infrastructure
11. Sustainable cities
12. Sustainable cities
13. Climate action
14. Life below water
15. Life on land

Quasi-Zenith Satellite System MICHIBIKI

The number of satellites monitoring our whereabouts is scheduled to increase from four to seven*

Navigators functions enable you to view your whereabouts on a map using a variety of devices. In the Quasi-Zenith Satellite System MICHIBIKI, one of the four positioning satellites developed and manufactured by Mitsubishi Electric is constantly positioned near the zenith over Japan. This makes it possible to send positioning signals to places where it was previously unavailable, such as built-up urban areas and mountainous regions. By supplementing GPS signals, it enables positioning accuracy down to the centimeter level. Three additional satellites are planned to be launched from fiscal 2025 onwards, and these are expected to further stabilize positioning accuracy.

* In addition to the four satellites currently in operation, three additional satellites (Nos. 5 to 7) are scheduled to be launched from fiscal 2025 onwards.

Active in a variety of fields directly related to our daily lives

By combining high-precision positioning terminals that receive positioning signals from satellites with highly accurate 3D maps generated from location information obtained by MMS,* we are working to provide various solutions that contribute to the creation of safe, secure, and comfortable communities in the following areas:
- The automobile sector, such as eco-drive control and automated driving;
- Railways, such as improving the efficiency of train operations and management;
- Automated operation of agricultural and construction machinery in the agricultural sector; and
- Construction and civil engineering, etc.

Voice

Services to realize a high-precision positioning society using “MICHIBIKI”

MICHIBIKI, which has offered services as a four-satellite constellation since 2018, will add three additional satellites from fiscal 2025 onwards, bringing the total number of satellites in service to seven. The seven-satellite constellation will provide continuous positioning by Japan’s own satellites, without relying on GPS or other satellites, and is expected to continue to be used as part of the country’s sustainable infrastructure. Our centimeter level augmentation service is used in advanced driver assistance and autonomous driving systems, including hands-free systems, as well as in automotive and snowplow applications, and their applications continue to expand. Future expected applications include the fields of drones, agricultural machinery, construction machinery, ships, and so on. We will continue to support the government in developing and expanding infrastructure that contributes to creating a safe, secure, and comfortable society for people.
Providing products that are helpful for society and the environment in wide areas to create comfortable spaces

The Living Environment & Digital Media Equipment Group is working to expand our businesses including the air conditioning and refrigeration systems business as one of the key growth sectors at Mitsubishi Electric. In addition, we are pressing forward with proposals of total solutions using IoT and AI technologies as well as products within and outside the Mitsubishi Electric Group to realize life solutions for everyone, from workers to people at home, to live by their own values.

As we expand business, we believe it is important to provide products and services that contribute simultaneously to achieving sustainability, safety, security, and comfort as well as to resolving social challenges in the living environment. As part of this, we offer environment-friendly systems and services, including air conditioners that produce less CO2 during use and our energy-saving EcoCute product lineup, to create comfortable spaces across a broad range of areas such as the home, the office, and industry. Additionally, Mitsubishi Electric proposes solutions that aim to achieve energy savings by building systems as a whole in support of programs such as ZEB, promoted by the Japanese government, in cooperation with the Building Systems Group.

"ecodan" series

All eyes on ATW,* a highly energy efficient heating and hot water system

In Europe, Mitsubishi Electric has expanded "ecodan" series of air-to-water (ATW) heat pump hot water systems. In response to the trend toward replacing refrigerants having high global warming potential (GWP), which are subject to F-gas regulations, with refrigerants having lower GWP, we have launched the new PUZ-WZ series in 2023, which use R290 as a refrigerant. R290 has made it possible to gather market information from various European countries and to apply it to development. ATW leads the market by offering a product lineup that is carefully tailored to local cultures, such as featuring low noise and compactness, while striving to reduce environmental impact. In particular, demand for air-to-water systems, which can be used directly with hot water heating systems prevalent in Europe, is growing rapidly. Air-to-water systems are also highly energy efficient and are attracting attention as a solution to skyrocketing utility costs.

"ecodan" uses new refrigerants to significantly reduce environmental impact

In Europe, Mitsubishi Electric has expanded "ecodan" series of air-to-water (ATW) heat pump hot water systems. In response to the trend toward replacing refrigerants having high global warming potential (GWP), which are subject to F-gas regulations, with refrigerants having lower GWP, we have launched the new PUZ-WZ series in 2023, which use R290 as a refrigerant. R290 reduces the GWP to 1/225 compared to conventional R32 refrigerant, significantly reducing environmental impact.

Meet local needs while responding to rapidly expanding markets

Voice

We don't expand ATW in Japan, so it is difficult to understand customer's needs. However, the establishment of EHL in France has made it possible to gather market information from various European countries and to apply it to development. ATW leads the market by offering a product lineup that is carefully tailored to local cultures, such as featuring low noise and compactness, while striving to reduce environmental impact. In addition, by strengthening our plant in Turkey and establishing a production system, we will meet the increasing demand in Europe.
Factory Automation Systems Group

Contributing to the realization of a sustainable society through the provision of energy saving equipment and solutions and the utilization of automation technology at production sites

The Factory Automation Systems Division is focused on enriching the lives of people around the world by contributing to co-innovation with industry and infrastructure customers through the use of technology.

Going forward, we will continue to contribute to solving social challenges, such as decarbonization and labor shortages, with the aim of realizing a sustainable society by providing production sites with energy-saving equipment and solutions that utilize automation technology.

1. Contributing to decarbonization by providing energy-saving equipment and solutions

Amid the growing demand for decarbonization related products, such as batteries, electric vehicles, and solar panels, we will contribute to manufacturers of those products by providing equipment, systems, and solutions with high energy saving capabilities for use in production equipment helping to reduce their overall energy consumption.

2. Contributing to measures to reduce the impact of labor shortages by utilizing automation technology

We will contribute to measures to reduce the impact of labor shortages by supporting customers in improving manufacturing efficiency through the utilization of automation technology.

Key growth businesses (Controllers (PLCs), Servo, and CNC)

Helping address labor shortages, especially in growing industries, by improving manufacturing efficiency

In an aging society with a declining birth rate, pursuing automation is essential to making manufacturing sustainable. By using automation technology to streamline manufacturing, we can prepare for an era of labor shortages. In 2022, the Factory Automation Systems Group established a global slogan of "Automating the World" with the determination to "support the innovation of cutting-edge automation technology and contribute to the realization of a more prosperous society" through strong support for growth industries, such as EVs and batteries, semiconductors, and displays, as well as helping solve social challenges.

From left to right: Controllers (PLCs), Servo, and CNC (numerical control unit). In these key growth businesses, we will enhance our competitiveness and do our part to address social challenges.

Voice

Contributing to sustainability through innovation in motor control technology

We develop and manufacture servo systems used to drive the various moving parts of manufacturing equipment. Our servo systems are supplied to equipment manufacturers and others globally. Devices such as servo motor’s execute precise angular rotation of the motor shaft as commanded, in order to accurately control machine positioning. Servo systems are widely used in manufacturing equipment for LCD displays, smartphones, semiconductors, and other products that require high-speed, high-precision positioning control, and they have contributed to improving the quality and lowering the cost of our customers’ products. In recent years, servo systems have been increasingly applied to the production of batteries used in EVs as well as photovoltaic equipment, both of which are attracting attention for their role in achieving carbon neutrality. We are focusing our efforts on developing energy-saving systems and motors that can be produced in a resource-efficient manner.
Automotive Equipment Group

Aiming to achieve the SDGs through development of technologies and corporate activities that contribute to the decarbonization of the automobile industry and the creation of a safe and secure society

Atsuhiro Yabu
Executive Officer, Group President, Automotive Equipment

The Automotive Equipment Group aims to provide a range of equal opportunities to move safely and freely with low impact on the environment for all people, including the elderly, those with disabilities, and visitors from foreign countries who do not understand language, by providing electronic and electric device components. Through these efforts, we will contribute to realizing a sustainable society.

As an example of efforts for decarbonization in the manufacturing processes of automotive equipment, we are reducing electricity usage by introducing high energy efficiency equipment, using waste heat for production equipment, and thoroughly implementing energy-saving technologies such as centralized monitoring and optimized control of air conditioning and ventilation equipment. Moreover, we are promoting energy generation, such as new installation and expansion of our own PV*1 and the introduction of PPA*2 models, and procurement of renewable energy in a planned manner to accelerate decarbonization. These activities are also being implemented at overseas manufacturing bases to accelerate our global decarbonization efforts.

*1 Photovoltaic
*2 Power Purchase Agreement

Topics

Infrastructure-coordinated local autonomous driving system

Toward the practical deployment of autonomous driving technologies that enable high levels of safety and comfort

As the public and private sectors work together to promote the use of autonomous driving against the backdrop of labor shortages due to the declining birthrate and aging population, as well as heightened safety awareness, Mitsubishi Electric has been developing an “infrastructure-coordinated local autonomous driving system” by extending to infrastructure the ADAS (Advanced Driving Assistance System) technology that it has cultivated in the market. As part of a policy project under the auspices of the Ministry of Economy, Trade and Industry, which we have been participating in since 2021, we realized Japan’s first Level 4 autonomous driving system in Eiheiji-cho, Fukui Prefecture (approved in May 2023), and have been relentlessly developing the technology.

Vehicles in the area are provided with a dynamic map* that is "blind spot free" based on peripheral information from the infrastructure side and obstacle information generated by roadside machine sensors that detect vehicles and pedestrians. Based on location information, the autonomously driving vehicle performs optimal route calculation to achieve safe unmanned vehicle control.

* Technology that displays real-time dynamic information on a high-precision map

Japan’s first Level 4 unmanned autonomous driving service starts (in Japanese text)

Voice

Safe, secure autonomous driving to create comfortable urban spaces

Since 2021, we have been participating in the Theme 1 activities of the Project on Research, Development, Demonstration and Deployment (RDD&D) of Automated Driving toward the Level 4 and its Enhanced Mobility Services (RoAD to the L4), a policy project of the Ministry of Economy, Trade and Industry, with the aim of implementing this system in Japan. We have been making products mainly for automakers, so we are new to the field of mobility services and are iterating a trial-and-error process to develop services that will please our customers. Please look forward to our contribution to improving users’ quality of life through Japan’s first Level 4 autonomous driving experiment, which is the first step to realizing a more vibrant society.

Hideyuki Tanaka
Head, Automotive Electronics Development Center AD Engineering Division

Japanese text
Semiconductor & Device Group

Contributing to the realization of a decarbonized society and GX* by providing energy-efficient products, key devices for customers, in response to energy and environment-related social issues

Masayoshi Takemi
Senior Executive Officer, Group President, Semiconductor & Device

The Semiconductor & Device Group supports reducing energy use as well as affluent and comfortable living by providing low-power-consumption, cutting-edge power semiconductor and other devices using silicon carbide (SiC) for EVs and air conditioners, as well as by supplying high-performance, low-power, compact high-frequency devices and optical devices enabled by compound semiconductor technologies for wireless and optical fiber communications equipment, data centers, sensors, and more.

In order to achieve carbon neutrality, a requirement for sustainable societies, it is imperative to use generated power while minimizing power loss in the process. Power semiconductor devices are incorporated into a number of power electronics, playing a significant role in reducing power loss. In addition, Mitsubishi Electric manufactures state-of-the-art products using SiC, which enables significant reductions in power loss, and conventional products using Si.

Going forward, the Semiconductor & Device Group will continue to contribute to the realization of a safe, secure, comfortable, and sustainable society by providing key devices for realizing a decarbonized society.

Construct new wafer plant to boost SiC power semiconductor business

Including the construction of a new plant building (in Kumamoto Prefecture) to strengthen our SiC power semiconductor production capacity, we will double our cumulative capital investment from fiscal 2022 to fiscal 2026 over that of our previous plan* to approximately 260 billion yen. The plan is to respond to increasing demand for EVs, as well as expanding markets for new applications that require, for example, low energy loss, high temperature operation or high-speed switching. We will strengthen our production capacity in the power device business to contribute to realizing GX and further expand our business.

* The previous plan was approximately 130 billion yen.

Mitsubishi Electric to Construct New Wafer Plant to Boost SiC Power Semiconductor Business

Gentle and durable. We will continue to maintain customers' high level of confidence in our products.

I am responsible for translating customer needs into consumer electronics products, primarily home appliances such as air conditioners. Our IPM* for consumer products has the largest market share in the world.*1 Its strength is that we were the first to provide our customers with simple and compact design in an optimal package that incorporates peripheral components. As numerous customers use our products, we have achieved de facto standardization, with cumulative shipments reaching 1 billion units as of 2022. In fact, many have commented that the product has "few failures," and we will further respond to our customers' expectations and trust by improving our production system.

*1 Highly functional module with built-in self-protection function in IGBT (Insulated Gate Bipolar Transistor) module.

*2 As of 2021, according to internal research.

Toma Takao
Product Strategy Department, Power Device Works

Voice
Centralized GHG\(^1\) emissions data management solution “cocono”

**Visualizing GHG emissions across the supply chain to support environmental management**

Managing greenhouse gas emissions is an important issue for companies that aim to achieve carbon neutrality by 2050. In addition to emissions from their own operations (Scopes 1 and 2),\(^2\) companies must also collect data and calculate emissions beyond their own operations from their supply chains (Scope 3).\(^2\) This is a complex, challenging task for many companies. Against this backdrop, Mitsubishi Electric Information Systems Corporation (MDIS) has launched “cocono,” a centralized greenhouse gas emissions data management solution. “cocono” collects and manages data without involving labor. It also provides knowledge that can be leveraged to reduce GHG emissions.

\(^1\) Greenhouse gas

\(^2\) *1 Internet of Things: A system to remotely control, operate, monitor, and collect information from various “things” connected via the Internet.

**Topics**

**Outline of cocono in action**

By combining our expertise in automation and data collection technologies at manufacturing sites with visualization tools and dedicated GHG management services, we provide energy dashboards that enable multi-faceted analysis. We have also begun working with zeroboard Inc. to provide cloud services for calculating and visualizing GHG emissions.

**Voice**

Reducing the burden of aggregation work and making it a useful tool for business management

As the movement toward carbon neutrality is rapidly accelerating and an increasing number of companies are including GHG emissions reductions as a management indicator, we have developed “cocono” as an IT-based support system. We strive to facilitate easy implementation and use for our customers. Collaborating with outside companies has improved our technology and enabled us to reflect accurate information in a timely manner, eliminating the need for manual data collection. In addition, we have improved system reliability by, for example, incorporating relevant regulatory compliance and advice from environmental consulting firms. We believe that we can help companies in their efforts to promote carbon neutrality by using this up-to-date, highly accurate data for their management decisions.
Co-creations with external parties

Co-creation initiatives using advanced plastic sorting technology

In recent years, various companies have been collaborating beyond the boundaries of industry to recycle plastic waste toward the realization of a circular society. Some plastic products use several types of plastic materials in combination. Recycling plastic waste requires sorting of such materials. Moreover, improving the rate of collection of plastic materials by sorting them at high purity has become a major challenge. Mitsubishi Electric aims to solve social issues through its business activities by using its advanced plastic sorting technology that it has cultivated over many years of work in home appliance recycling as well as by collaborating with companies across industries to solve this challenge.

Realizing advanced sorting of household plastics

Plastics sorting trial with Kao Corporation

In October 2022, we began a trial using our proprietary advanced plastic sorting technology on sorting mixed plastics originating from household products using plastics such as shampoo bottles supplied by Kao Corporation. Going forward, we will conduct similar trials in various fields to verify the effectiveness of the advanced sorting technology for recycling a wide variety of plastic products.

Contributing to solving marine plastic waste problems

Joining CLOMA

In April 2023, Mitsubishi Electric joined the Japan Clean Ocean Material Alliance (CLOMA) to help solve marine plastic waste problems. By participating in the Technical Subcommittee consisting of CLOMA members as well as demonstration projects led by CLOMA, we will accelerate our efforts toward solving waste plastic problems, including those related to marine plastics, by utilizing our proprietary advanced plastic sorting technology.

Solving water pollution problems in Southeast Asia

A Collaboration with Hydroleap

Hydroleap Pte. Ltd is a Singapore-based startup company we invested in July 2023 that provides wastewater treatment solutions. Southeast Asia, also known as the “factory of the world,” is facing a serious water pollution problems caused by industrial effluents. Mitsubishi Electric also, with its many manufacturing bases, is also not immune to this problem. Through the business developments with Hydroleap, we will address the water pollution in Southeast Asia and use the knowledge we gain from this effort to contribute to solving global-scale environmental problems.

Investing in startups to solve social issues

The Business Innovation Group creates new value through the creation of new businesses that transcend the framework of existing business domains and through the practice of open innovation. For example, the ME Innovation Fund, a corporate venture capital fund, works to solve various social issues by bringing innovative technologies and out-of-the-box business ideas to fruition through start-up investments.
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Developing Equipment that Catalyzes Environmental Awareness for Eliminating or Reducing the Use of SF6 Gas, Known for Its High Global Warming Potential  
Supply and Demand Management with the Growing Use of Renewable Energy Resources, Integrated Management of Distributed Energy Sources Including Demand Control, and Driving Grid Stabilization Solutions  
Driving Distributed Power Supply Operation Solutions Capable of Responding to New Demand, Such As the Wide Area Supply and Demand of Electricity Through Interconnection of Electric Power Utilities |
| Energy & Industrial Systems Group | Optimal use of energy  
Introduction of clean energy  
Sustainable use and development of resources  
Addressing climate change |  
Improving the Efficiency of Power Generators, Switchgear and Transformers  
Developing Equipment that Catalyzes Environmental Awareness for Eliminating or Reducing the Use of SF6 Gas, Known for Its High Global Warming Potential  
Supply and Demand Management with the Growing Use of Renewable Energy Resources, Integrated Management of Distributed Energy Sources Including Demand Control, and Driving Grid Stabilization Solutions  
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Pursuing Comfortable, Safe and Secure Elevator and Escalator Transport. Supporting Safe and Comfortable Use of Elevators and Escalators with Maintenance Services  
Further Improving Energy Savings, Safety, Comfort, and Functionality Through Elevator and Escalator Renewal  
Providing Smart Building Solutions by Supporting Robot Mobility within the Building, Supporting ZEB Operations, etc.  
Providing Both a Comfortable Indoor Environment and Improved Energy Efficiency by Maintaining and Replacing Building Systems |
| Building Systems Group | Optimal use of energy  
Development of safe, secure, comfortable and sustainable cities  
Waste reduction  
Addressing climate change |  
Pursuing Comfortable, Safe and Secure Elevator and Escalator Transport. Supporting Safe and Comfortable Use of Elevators and Escalators with Maintenance Services  
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Providing Both a Comfortable Indoor Environment and Improved Energy Efficiency by Maintaining and Replacing Building Systems |  
Contributing to World-Leading Global Environment Observation  
Contributing to Conserving Global Environment and Ensuring Secure and Safe Living by Using Satellite Observation Data  
Contributing to Secure, Safe, and Comfortable Living Through High Precision Positioning Solution |
| Defense & Space Systems Group | Securing of a sustainable food production system  
Integrated management of water resources  
Creating secure, safe and comfortable sustainable cities  
Addressing climate change, prevention of marine pollution, and prevention of deforestation |  
Lessons for Commercial Use, High-performance Ventilation Equipment  
Achieving High Efficiency Operation and CO2 Emissions Reduction for Hot Water and Heating Systems by Switching from the Combustion Type to the Air to Water (ATW) Heat Pump Hot Water System Mainly in Europe, Which Has Strict Environmental Regulations  
MLLE: LED Lighting – Reducing Power Consumption and Comfort  
EcoCute: Provides Excellent Energy Savings and Comfort  
Recycling of Home Electrical Appliances |  
Contributing to World-Leading Global Environment Observation  
Contributing to Conserving Global Environment and Ensuring Secure and Safe Living by Using Satellite Observation Data  
Contributing to Secure, Safe, and Comfortable Living Through High Precision Positioning Solution |
| Living Environment & Digital Media Equipment Group | Optimal use of energy  
Introduction of clean energy  
Sustainable use and development of resources  
Addressing climate change |  
Contribute to the Achievement of Sustainable Society through Energy Efficiency  
Contribute to a Decarbonized Society  
Mitsubishi Electric Contribution to 5G  
Telesmart: Improving the Quality of Life  
EcoCute: Provides Excellent Energy Savings and Comfort  
Recycling of Home Electrical Appliances |  
Lessons for Commercial Use, High-performance Ventilation Equipment  
Achieving High Efficiency Operation and CO2 Emissions Reduction for Hot Water and Heating Systems by Switching from the Combustion Type to the Air to Water (ATW) Heat Pump Hot Water System Mainly in Europe, Which Has Strict Environmental Regulations  
MLLE: LED Lighting – Reducing Power Consumption and Comfort  
EcoCute: Provides Excellent Energy Savings and Comfort  
Recycling of Home Electrical Appliances |
| Factory Automation Systems Group | Sustainable use and development of resources  
Addressing climate change  
Measures against air, water, and soil pollution  
Addressing the declining labor force population |  
Contribute to the Achievement of Sustainable Society through Energy Efficiency  
Contribute to a Decarbonized Society  
Mitsubishi Electric Contribution to 5G  
Telesmart: Improving the Quality of Life  
EcoCute: Provides Excellent Energy Savings and Comfort  
Recycling of Home Electrical Appliances |  
Contributing to Decarbonization by energy-saving  
Contributing to measures to reduce the impact of labor shortages by supporting improving manufacturing efficiency |
| Automotive Equipment Group | Reduction of air pollution and climate change countermeasures  
Zero traffic accidents, elimination of traffic congestion, and comfortable travel  
Elimination of regional gaps  
Enhancement of QoL for vulnerable road users |  
Technological Innovation of Automotive Equipment Products for a Decarbonized, Safe and Secure Society |  
Technological Innovation of Automotive Equipment Products for a Decarbonized, Safe and Secure Society |
| Semiconductor & Device Group | Optimal use of water  
Optimal use of energy  
Proper management of chemical substances  
Addressing climate change |  
SiC Power Semiconductor Devices that Achieve Low-Power Consumption of Customers’ Devices  
Optical Communication Device that Contributes to Low Power Consumption of Network Equipment for 5G Mobile Communications Base Stations |  
SiC Power Semiconductor Devices that Achieve Low-Power Consumption of Customers’ Devices  
Optical Communication Device that Contributes to Low Power Consumption of Network Equipment for 5G Mobile Communications Base Stations |
| Information Systems & Network Service Group | Optimal use of energy  
Introduction of clean energy  
Realization of a safe society  
Addressing labor force shortages |  
Using Internet Data Centers to Help Customers Reduce Environmental Impact  
Providing Smart Office Solutions that Also Contribute to Work Style Reforms |  
Using Internet Data Centers to Help Customers Reduce Environmental Impact  
Providing Smart Office Solutions that Also Contribute to Work Style Reforms |
Sustainability Management

Initiatives to Create Value ........................................ 27
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Basic Policy and Promotional System for Sustainability ........................................... 37
Initiatives / External Evaluation ............................. 47
Communicating with Stakeholders ......................... 49
The Mitsubishi Electric Group aims to realize "a vibrant and sustainable society" that we have committed to in our Purpose. Furthermore, we have returned to our fundamental principle of "addressing social challenges through our businesses" and positioned the realization of sustainability as the cornerstone of our management. By utilizing all the resources available to the Mitsubishi Electric Group and realizing Circular Digital-Engineering, we aim to create social and economic value, solve social challenges and sustainably enhance our corporate value.

**Business Foundation**
- Human capital: Consolidated number of employees: 149,605 (as of March 31, 2023)
- Financial capital: Mitsubishi Electric Corp. stockholders' equity: 3,239.0 billion yen (FY2023 actual)
- Intellectual capital: R&D expenditures: 212.3 billion yen (FY2023 actual)
- Natural capital: Total energy input: 20.92 million GJ (FY2023 actual)

**Business Model**
- Circular Digital-Engineering
  - STEP 1: Consolidate diverse data
  - STEP 2: Ascertain potential issues and needs of customers
  - STEP 3: Create new value
  - STEP 4: Return value to a wide range of customers

**Business Area (BA), Segment**
- Infrastructure BA
- Industry & Mobility BA
- Life BA
- Business Platform BA
- Semiconductor & Device

**Value Creation**
- Net sales: 5.0 trillion yen
- Operating profit margin: 10%
- ROE: 10%
- Cash generation*: 3.4 trillion yen (3 years)

**Social value**
- Carbon neutrality: Reduce the company’s and society’s CO2 emissions, and realize a decarbonized society that lessens climate change
- Circular economy: Realize a society in which resources are utilized effectively and recycled sustainably
- Safety and security: Realize a resilient society that can cope with a variety of environmental changes and risks
- Inclusion: Realize a society in which all people are respected and everyone can live freely, fairly, and in a vibrant way
- Well-being: Realize healthy, comfortable lives for everyone, both mentally and physically
Mitsubishi Electric Corporate Strategy

The Mitsubishi Electric Group has defined its management policy as follows: “In addition to our threefold balanced management policy consisting of ‘Growth,’ ‘Profitability & Efficiency,’ and ‘Soundness,’ we will return to our fundamental principle of ‘addressing social challenges through our businesses’ and positions the realization of sustainability as the cornerstone of our management. From this approach, we will pursue a sustained enhancement of our corporate value and fulfill our responsibility to society, to our customers, shareholders and employees, and to all other stakeholders.”

The Group has established its Corporate Strategy as follows: “Through co-creation and by integrating knowledge within and outside the Group, we will transform into a ‘Circular Digital-Engineering’ company that provides evolved integrated solutions thereby contributing to solving various social issues.”

It is essential to strengthen innovation and our business foundation to achieve sustainable growth. To realize this growth, the Mitsubishi Electric Group pursues the strategies and initiatives such as innovation strategies, human capital strategy, risk management, and the three reforms.

Circular Digital-Engineering

Leverage strong intra-group connections and knowledge sharing in order to consolidate and then analyze data in the digital space to create new value and contribute to solving key social challenges

Solving social challenges through Circular Digital-Engineering

Return value to a wide range of customers

Create new value

Consolidate diverse data

Ascertain potential issues and needs of customers

Enhance in the digital field

Materialize and commercialize Integrated Solutions

OT*1 security solution

One-stop service to improve availability/safety of customer OT assets and address needs for promoting IoT/DX adoption

E&P*2 solution

Integrate various engineering technologies to optimize energy management and offer comprehensive facility operation/maintenance services

Enhance and evolve components and systems

Systems

Pursue miniaturization, energy conservation and smartification by fusion of strengthened technology, such as power-electronics, control, etc., and advanced technology, such as AI, modeling, etc.

Components

Progress in social initiatives cause positive impacts on the Company

Realize sustainable lives of all people through sophisticated use of people flow data and personal data

Carbon neutral

Decarbonization society

Circular economy

Build a circular society

Safety/Safety

Resilient society

Inclusion

Society that values diversity

Well-being

Vibrant lives

Contributions to a sustainable society through business

Meet business needs with energy management and heat pump technologies

Build a circular society through innovation in the fields of maintenance/operation and recycling

Build a resilient society through maintenance/management of infrastructures and facility automation etc.

Realize vibrant lives of all people through sophisticated use of people flow data and personal data

Key social challenges

Initiatives for realizing sustainability

Contribution to a sustainable society through business

Meet business needs with energy management and heat pump technologies

Build a circular society through innovation in the fields of maintenance/operation and recycling

Build a resilient society through maintenance/management of infrastructures and facility automation etc.

Realize vibrant lives of all people through sophisticated use of people flow data and personal data

Responsibilities for a sustainable society

Strengthen efforts for cutting greenhouse gas emissions

Reduce CO2 emissions for new 445,000 square meter building

Reduce CO2 emissions for new 233,800 square meter building

Respect for human rights based on international norms

Realize inclusive workplace where diverse and versatile human capital gathers and works together

Adherence to compliance

Sustainability Management

Respond to key social challenges in five basic areas in order to contribute to sustainability
Enhancement of Innovation and Business Foundation to Achieve Sustainable Growth

**Innovation Strategy**

- Promote open innovation with technical capabilities and creativity
- Build digital platform and space to consolidate various data and knowledge, leveraging our advantage, OT\(^1\) and domain knowledge, and reform to a future-oriented business model.
- Design the future and provide new value in a timely manner by integrating knowledge within and outside the Group and through co-creation with customers.

**Recent strategies and initiatives**

- **Build digital platform and space**
  - Established the DX Innovation Center
  - Build digital platform that integrates various OT solutions in a composable form\(^2\), and digital space that fuses data on things, experiences, markets and operation
- **Co-create with external parties**
  - Strengthen business-academia collaboration, starting with the Mitsubishi Electric and The University of Tokyo Future Design Conference
  - Invested in 4 companies in total, through the ME Innovation Fund\(^3\) (total investment amount of ¥5.0 billion). Plan to invest in 4 additional companies in FY2024
  - Started with Kao Corporation a sorting trial of plastics, utilizing our advanced sorting technologies, through OTB\(^4\) activities. Negotiations are underway with 43 companies, seeking co-creation in a variety of industries

**KPIs**: Digital technology-related patent applications

<table>
<thead>
<tr>
<th>Ratio of solutions-related patents in all patent applications</th>
<th>Current</th>
<th>Target for FY2026</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>22%</td>
<td>30% or more</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ratio of AI-related patents in all patent applications</th>
<th>Current</th>
<th>Target for FY2026</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>11%</td>
<td>13% or more</td>
</tr>
</tbody>
</table>

\(^1\) Operational Technology \(^2\) A scheme to provide applications flexibly and efficiently according to requirements by combining independent services \(^3\) A corporate venture capital (CVC) fund established jointly with Global Brain Corporation, an independent venture capital company. \(^4\) Activities to promote co-creation through digitizing technology assets. Includes internal ventures, external websites and initiating inter-business collaborations within the company and licensing to external parties.

**Human Capital Strategy**

- Grow together with our people and building a brighter future with the power of human capital
- Expand and strengthen investment in human capital. Through this initiative, respect career ownership of each person, in particular, and embrace and cherish diverse and versatile human capital who can think independently, act proactively, and continuously take on challenges.
- Promote early appointment and well-planned development of senior management candidates who will lead the company, based on open talent management by building a global human capital management system.

**Recent strategies and initiatives**

- **Enhance career ownership that respects self-initiative and challenging spirit**
  - Enhance initiatives to increase mobility of human capital and personal career development support programs such as in-house job-offering/application systems
  - Revamp the salary and compensation system into a new, hybrid one by adding the job-based employment to the existing membership-based model

**Diversification of senior management and early appointment**

- Promote D&I\(^6\) in management leaders based on succession management utilizing the global job grading
- Early appointment of personnel for managerial positions linked with a management candidate development system and promote recruitment of mid-career people

**KPIs**: Employee engagement survey, D&I of senior management

<table>
<thead>
<tr>
<th>Ratio of employees who are proud and motivated to work for the Company</th>
<th>Results for 2H FY2023</th>
<th>Target for FY2026 (non-consolidated)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>54%</td>
<td>70%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ratio of female/non-Japanese in senior management</th>
<th>Results as of FY2023 and</th>
<th>Target for FY2031 (non-consolidated)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3%</td>
<td>30%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Investments in human capital development and workplace</th>
<th>Results for FY2023 - FY2025</th>
<th>Target for FY2024 - FY2025 (target)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>¥12bn</td>
<td>¥20bn</td>
</tr>
</tbody>
</table>

\(^5\) Senior management: Executive Officers and Directors \(^6\) Diversity and Inclusion

**Risk Management**

- Strategically control diversifying uncertainties in the business environment
- Visualize our global business structure/supply chains and enhance capability to address increasing risks associated with geopolitics, natural environment, etc.
- Work to minimize intrinsic risk through a company-wide control and operational process standardization/DX.

**Recent strategies and initiatives**

- **Established the Corporate Information Security Division, the Corporate Economic Security Division, and the Corporate Risk Management Division under the direct control of the president to accumulate know-how and knowledge in risk handling.**
- **Enhance our company-wide capability to address risks**
  - Draw up a risk map to identify prioritized themes/bases
  - Eliminate any chance of improper practices with the use of DX in operational process
  - Prioritize prevention and foster a mindset that encourages employees to learn from mistakes and to create a better company, and thereby regain trust from society

**Three Key Reforms**

- **Strategically control diversifying uncertainties in the business environment**
  - Draw up a risk map to identify prioritized themes/bases
  - Eliminate any chance of improper practices with the use of DX in operational process
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## Materiality

### Mitsubishi Electric Group’s Materiality

The Mitsubishi Electric Group has positioned the realization of sustainability at the cornerstone of our management based on the principle of “Provide solutions to social challenges through our businesses.” To address sustainability at the management level and to promote it over the long term, we have identified five areas as materiality to “Provide solutions to social challenges through our businesses” and as part of our “Strengthen our business foundation to enable sustainable growth.” Through these materiality initiatives, we will create economic and social value and will contribute to solving social challenges, starting with contributing to the achieving the SDGs. In our materiality-related initiatives, we promote continuous activities for improvement by implementing the PDCA cycle for mid- to long-term goals as well as for targets/Key Performance Indicators (KPIs).

With regard to the SDGs, we believe that they are in line with our Purpose of contributing to solving social challenges, and we will contribute to the achievement of the 17 Sustainable Development Goals (SDGs) through all of our corporate activities.

### Materiality

<table>
<thead>
<tr>
<th>Materiality</th>
<th>Initiative items</th>
<th>Long-term target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private solutions to social challenges through our businesses</td>
<td>Realize a sustainable global environment</td>
<td>Carbon neutrality</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Achieving a decarbonized society through innovation and integrated solutions</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Circular economy</td>
</tr>
<tr>
<td></td>
<td>Realize a safe, secure, and comfortable society</td>
<td>Safety/security, inclusion, well-being</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Human rights</td>
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<td></td>
<td></td>
<td>Human capital</td>
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<td></td>
<td>Governance</td>
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<td>Quality</td>
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<td></td>
<td>Compliance</td>
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<td></td>
<td></td>
<td>Information security</td>
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<td></td>
<td>Strengthen corporate governance and compliance on a sustainable basis</td>
<td>Understanding and practices of sustainability</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Communication</td>
</tr>
</tbody>
</table>
Realize a sustainable global environment

The Group has formulated its Environmental Sustainability Vision 2050 to clarify the Group’s stance on addressing long-term environmental issues. Based on this, we have engaged in activities since fiscal 2022 in line with our medium-term Environmental Plan 2023, and we aim to achieve carbon neutrality and a circular economy by promoting innovation in products and services, and by providing integrated solutions.

Reasons why it is important

Environmental challenges such as climate change and resource/energy issues are hurdles at a global scale. The Mitsubishi Electric Group will contribute to solving these issues with the aim of realizing a sustainable global environment.

Targets and key performance indicators (KPIs)

<table>
<thead>
<tr>
<th>Fiscal 2021</th>
<th>Fiscal 2024</th>
<th>Fiscal 2031</th>
<th>Fiscal 2031</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aim for net zero greenhouse gas emissions in the entire value chain. Scope: Mitsubishi Electric Group</td>
<td>90% or more effective use of waste plastics Scope: Mitsubishi Electric Group (in Japan)</td>
<td>90% or more effective use of waste plastics Scope: Mitsubishi Electric Group (in Japan)</td>
<td>90% or more effective use of waste plastics Scope: Mitsubishi Electric Group (in Japan)</td>
</tr>
</tbody>
</table>
Realize a safe, secure, and comfortable society

Since our inception, the Mitsubishi Electric Group has been contributing to society primarily by offering products and services. We aim to solve diversifying social challenges through our businesses to realize the “vibrant and sustainable society” outlined in our Purpose.

Reasons why it is important

Aiming to solve diversifying social challenges, the Mitsubishi Electric Group will contribute to the realization of a safe, secure, and comfortable society by providing integrated solutions that combine the strengths of both inside and outside the Group in the Business Areas and segments of Infrastructure, Industry & Mobility, Life, Business Platforms, and Semiconductor & Devices.

Targets and key performance indicators (KPIs)

- **Provide products, services, and solutions that contribute to “safety and security”**
  
  Scope: Mitsubishi Electric Group

- **Provide products, services and solutions that contribute to “inclusion” and “well-being”**
  
  Scope: Mitsubishi Electric Group

Contributing to the realization of a safe, secure, and comfortable society through business activities

The Mitsubishi Electric Group provides various products and services that contribute to safety/security, inclusion, and well-being, while also promoting co-creation and joint studies with external parties.

**Management Related to Materiality**

[Fiscal 2023 Example]

- **Water Surface Condition Monitoring Service MINAMONITOR**
  
  Remote monitoring of water levels in reservoirs, etc. to streamline maintenance and management of agricultural irrigation facilities, which also contributes to disaster prevention and mitigation.

- **Mitsubishi Electric Starts Accepting the Order of Water Surface Condition Monitoring Service MINAMONITOR**

- **Mitsubishi Electric EcoCute P/S series**
  
  These series are equipped with "Kiraryuki Keep PLUS," which sterilizes hot water before bathing or washing by continuous irradiation of deep UV rays. In addition, the “pakatto handle” function enables to users to take hot water easily from the hot water storage tank in case of emergency such as a water outage.

- **Mitsubishi Electric Launches New series of EcoCute**

- **Started joint research with Sanda City on a road management system using cloud AI**
  
  We contribute to improvement of the efficiency of road maintenance and repair work, and optimization of city functions and the “smartification of city hall.”
We recognize that we enjoy a wide range of relationships with the people and societies in the countries and regions where we operate, and we respect the human rights of all people. In addition, we promote diversity so that diverse people can do their best work, and we make Group-wide efforts to create work environments in which all employees can maintain their physical and mental health as well as work actively.

 Reasons why it is important
 The protection of human rights is a global issue. Everyone’s rights as individuals must be respected. The Mitsubishi Electric Group will respect human rights in all of our activities and realize a workplace environment that helps all employees work actively.

### Respect for all people

#### Targets and key performance indicators (KPIs)

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Target Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scope: Mitsubishi Electric Group</td>
<td></td>
</tr>
<tr>
<td>Fiscal 2025</td>
<td>Establishing a mechanism for respecting human rights in the supply chain based on the RBA process</td>
</tr>
<tr>
<td>Scope: Mitsubishi Electric Group</td>
<td></td>
</tr>
<tr>
<td>Fiscal 2026</td>
<td>Employee engagement score*1</td>
</tr>
<tr>
<td>70% or more (Scope: Mitsubishi Electric)</td>
<td></td>
</tr>
<tr>
<td>Fiscal 2031</td>
<td>Ratio of female and non-Japanese in senior management*2</td>
</tr>
<tr>
<td>30% or more (Scope: Some of related companies)</td>
<td></td>
</tr>
<tr>
<td>Fiscal 2031</td>
<td>Ratio of female in managerial positions 12% or more</td>
</tr>
<tr>
<td>Scope: Mitsubishi Electric</td>
<td></td>
</tr>
</tbody>
</table>

*1 Average percentage of positive responses to the five questions in the employee attitude survey conducted annually (twice a year since fiscal 2021): "Pride in working for the Company," "Willingness to contribute," "Desire to change jobs," "Encouraging others to join the Company," and "Sense of achievement through work"*2 Senior management: Directors, Executive Officers and Executive Officers (Associate)

### Improve employee engagement through their career ownership empowerment

The Company is implementing various initiatives to realize a work environment in which all employees can work "actively." In particular, we are implementing numerous measures to empower career ownership that respects employees’ sense of initiative and challenges.

- **Implementation of career consulting (career interviews)**
  
  In addition to the consultation and resolution function between managers and employees, we have established the Career Consulting Room. Employees, regardless of which division they belong to, are free to choose internal or external career consultants (advisors) for advice and guidance on career development.

- **Provision of transfer opportunities that contribute to employees' career development**
  
  This measure helps employees to realize their desired careers by matching such careers with the human resources needed in their workplaces through the Job-Net system (an intranet-based internal recruitment system) and the Career Challenge system (an internal job search system).
  
  Through these efforts, we are working to improve our employee engagement scores.
Strengthen corporate governance and compliance on a sustainable basis

While maintaining the flexibility of its operations and promoting management transparency, the Mitsubishi Electric Group works to strengthen the supervisory functions of management with the goal of realizing sustained growth. Our fundamental policy is to build and improve a corporate structure that is more able to meet the expectations of customers, shareholders and all of its stakeholders, while endeavoring to further increase corporate value. Additionally, the Mitsubishi Electric Group recognizes that not only ethics and legal compliance, but also compliance in the wider sense of the term that includes the perspective of corporate ethics, are the foundation of the Group's continued existence.

Reasons why it is important
Corporate governance and compliance are fundamental preconditions for a company’s continued existence. The Mitsubishi Electric Group will continue to reinforce these areas.

Topics

Roundtable discussion with Outside Directors and members involved with the reform project for the purpose of monitoring the Three Key Reforms

The Mitsubishi Electric Group is implementing the Three Key Reforms in response to a series of improper quality control practices. One of these, the governance reforms include efforts to strengthen directors' monitoring function with respect to business execution.

Recently, as part of this project, a roundtable discussion was held among all seven outside directors and six members involved with the reform project. By sharing not only what has changed in Mitsubishi Electric as a result of the reform project's efforts but also the challenges that must be overcome, opinions were exchanged from diverse perspectives regarding the progress of organizational culture reform. The discussion concluded with confirmation that the Board of Directors will continue to provide advice and support as well as to closely monitor the reform.

Key Topics

- How to improve employees' understanding of the need for change
- The current situation of working at the manager level
- Employee engagement, including job satisfaction

Targets and key performance indicators (KPIs)

Maintain the ratio of independent outside director
- over 50%

Promote three key reforms (quality assurance, organizational culture, and governance), monitoring of the three key reforms by the Board of Directors, and appropriate information disclosure

Provide compliance education on a continuous basis

Achieve Level 2 or higher in the Cybersecurity Maturity Model Certification

Scope: Mitsubishi Electric Group

Scope: Mitsubishi Electric Group

Scope: Mitsubishi Electric Group

Scope: Mitsubishi Electric Group

Roundtable discussion between outside directors and members involved with the reform project (May 2023, Information Technology R&D Center)
Create a sustainability-oriented corporate culture

To contribute to realizing sustainability, the Mitsubishi Electric Group must instill a corporate culture that includes: a commitment to solving social challenges from a long-term perspective, having sensitivity and adaptability to changes in society, and proactive disclosure of information to stakeholders. Corporate culture cannot be changed overnight. We will work to build this culture over a long period as a foundation to support sustainable management.

Reasons why it is important
The Mitsubishi Electric Group will contribute to realizing sustainability through all of our activities. To this end, we will proactively communicate with stakeholders and foster a corporate culture that encourages employees to pursue initiatives from a mid-to long-term perspective.

Topics

Organizational culture reform through the company-wide reform project "Team Sousei (Creation)"

"Team Sousei (Creation)" is a company-wide reform project led by the president and composed of volunteers selected through internal recruitment. The aims are to foster the culture "Employees feel that they can consult with their superiors," “failures are tolerated,” and “problems are solved together.” In Fiscal 2023, the project's second year, "revitalizing communication" was positioned as a top priority for organizational culture reform, and measures were implemented to deepen understanding of what the term "psychological safety" means. We will continue to make efforts to promote the understanding that a high level of psychological safety is essential to organizational development and to have this awareness deeply take root.

Information about "Team Sousei (Creation)" activities is posted as necessary to the company website so that all employees can check the current status and share comments.

Key measures implemented
Activities to change awareness and behavior, such as on why psychological safety is necessary, throughout the company from the top down:

- The "Psychological Safety Guidelines" rolled out company-wide as the ideal interpersonal relationships to achieve in our company
- Lectures for personnel in executive management positions and middle management
- Job-level specific lectures to promote practices of senior managers and section managers
- Collaboration with the measure for productivity improvement such as meeting guidelines, etc.

A lecture for personnel in executive management positions and middle management with Mr. Ryosuke Ishii
## Mid- to long-term initiatives and goals for FY2024 (17 items)

<table>
<thead>
<tr>
<th>Materiality</th>
<th>Item</th>
<th>Long-term target</th>
<th>Mid-term target / KPI</th>
<th>Initiatives for FY2024</th>
<th>Scope</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Realize a sustainable global environment</strong></td>
<td>Carbon neutrality</td>
<td>[Scope 1, 2, 3] FY2024: Aiming for net zero greenhouse gas emissions in the entire value chain</td>
<td>[Scope 1, 2] FY2031: Aim for net zero greenhouse gas emissions from factories and offices</td>
<td><strong>[Scope 3]</strong> Newly developed models with an energy efficiency improvement of 1.0% or more compared to the previous models</td>
<td>Mitsubishi Electric Group</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Reduce greenhouse gas emissions from factories and offices by 30% or more compared to FY2014</td>
<td></td>
<td>Mitsubishi Electric Group</td>
</tr>
<tr>
<td></td>
<td>Circular economy</td>
<td>Contributing to the realization of a circular economy</td>
<td>FY2036: 100% effective use of waste plastics</td>
<td>90% or more effective use of waste plastics</td>
<td>Mitsubishi Electric Group</td>
</tr>
<tr>
<td><strong>Realize a safe, secure, and comfortable society</strong></td>
<td>Safety/Security, Inclusion, and Well-being</td>
<td>Achieving safety/security, inclusion, and well-being through our business activities</td>
<td>Provide products, services and solutions that contribute to safety/security</td>
<td></td>
<td>Mitsubishi Electric Group</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Provide products, services and solutions that contribute to inclusion and well-being</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Respect for all people</strong></td>
<td>Human rights</td>
<td>Establishing human rights initiatives based on international norms and implementing responsible supply chains</td>
<td>FY2025: Establishing a mechanism for respecting human rights in the supply chain based on the RBA process</td>
<td>Implementation of the Human Rights Impact Assessment based on the United Nations Guiding Principles on Business and Human Rights in all business groups</td>
<td>Mitsubishi Electric Group</td>
</tr>
<tr>
<td></td>
<td>Human capital</td>
<td>Realize a decarbonized society through innovation and integrated solutions</td>
<td>Provide products, services and solutions that contribute to carbon neutrality</td>
<td>Operation development for the transition to the RBA supplier human rights due diligence process</td>
<td>Mitsubishi Electric Group</td>
</tr>
<tr>
<td><strong>Strengthen corporate governance and compliance on a sustainable basis</strong></td>
<td>Governance</td>
<td>Increase effectiveness of the Board of Directors</td>
<td>FY2025: Establishing a mechanism for respecting human rights in the supply chain based on the RBA process</td>
<td>Operational development for the transition to the RBA supplier human rights due diligence process</td>
<td>Mitsubishi Electric Group</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>FY2026: Employee engagement score* of 70% or more (Mitsubishi Electric) and 60% or more (Some of related companies)</td>
<td></td>
<td>Mitsubishi Electric Group</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>FY2031: Ratio of female/non-Japanese in senior management** 30% or more</td>
<td></td>
<td>Mitsubishi Electric (in Japan)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>FY2031: Ratio of female in managerial positions 12% or more</td>
<td></td>
<td>Mitsubishi Electric</td>
</tr>
<tr>
<td><strong>Create a sustainability-orientated corporate culture</strong></td>
<td>Quality</td>
<td>Prevent the recurrence of improper quality control practices</td>
<td>Promote three reforms (quality assurance, organizational culture and governance), monitoring of the three reforms by the Board of Directors, and appropriate information disclosure</td>
<td></td>
<td>Mitsubishi Electric Group</td>
</tr>
<tr>
<td></td>
<td>Compliance</td>
<td>True understanding and practices of a compliance motto “Always Act with Integrity”</td>
<td>Provide compliance education on a continuous basis</td>
<td></td>
<td>Mitsubishi Electric Group</td>
</tr>
<tr>
<td></td>
<td>Information security</td>
<td>Improve the Cybersecurity maturity level</td>
<td>FY2029: Achieve level 2 or higher* in the Cybersecurity Maturity Model Certification</td>
<td></td>
<td>Mitsubishi Electric Group</td>
</tr>
<tr>
<td></td>
<td>Understanding and practices of sustainability</td>
<td>Understanding and practices of sustainability by employees</td>
<td>FY2026: Understanding the operation of business in line with the corporate purpose and goals according to the results of the employee awareness survey 75% or more</td>
<td>Promotion of sustainability awareness via internal newsletters, the intranet, training, etc.</td>
<td>Mitsubishi Electric</td>
</tr>
<tr>
<td></td>
<td>Communication</td>
<td>Promote communication with stakeholders both inside and outside the company</td>
<td>Issue the Sustainability Report and the Integrated Report Hold dialogues with experts, and conduct sustainability report questionnaires</td>
<td></td>
<td>Mitsubishi Electric Group</td>
</tr>
</tbody>
</table>

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*1 Ratio of employees who respond that they feel that they are proud and motivated to work for the Company in the employee awareness survey  
*2 Senior management: Directors, Executive Officers and Executive Officers (Associate)  
*3 Framework for Cybersecurity Maturity Model Certification set forth by the U.S. Department of Defense (CMCC 2.0)
Basic policy and Promotional System for Sustainability

Basic policy on Sustainability

The Mitsubishi Electric Group implements sustainability-oriented initiatives in all corporate activities in accordance with its “Purpose,” “Our Values,” and “Commitment.” Our management policy states, ‘we will return to our fundamental principle of ‘addressing social challenges through our businesses’ and position the realization of sustainability as the cornerstone of our management. From this approach, we will pursue a sustained enhancement of our corporate value and fulfill our responsibility to society, to our customers, shareholders and employees, and to all other stakeholders.” We will pursue initiatives for achieving a sustainable society to incorporate the expectations, requests, and opinions from society into activities, and to minimize the negative impact on society and the environment.

Actions to promote the realization of sustainability

To realize sustainability, we have set the following four points as actions to advance:

<table>
<thead>
<tr>
<th>Basic policy on Sustainability</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

**Actions to promote the realization of sustainability**

To realize sustainability, we have set the following four points as actions to advance:

| Contribution to a sustainable society through our businesses | To contribute to the realization of a “vibrant and sustainable society” by solving social and environmental issues through our business activities |
| Responsibility for a sustainable society | To conduct business responsibly in a manner that does not cause or exacerbate social challenges or environmental issues |
| Risk management for long-term social and environmental changes | To adapt to changes in society and the environment not only in the short and medium terms but also in the long term. To create business opportunities and sustainable development. To predict risks and to control or minimize their impacts on business management |
| Communication with stakeholders | To communicate with society, customers, shareholders, employees, and other stakeholders through highly transparent disclosure of information in a way that reflects society’s expectations, requests, and opinions in our corporate management |

**Promotional System for Sustainability**

The policies and planning for the sustainability activities of the Mitsubishi Electric Group are decided by the Sustainability Committee, which is chaired by the Chief Strategy Officer (CSO), the Executive Officer in charge of corporate planning and sustainability, and appointed by Mitsubishi Electric’s Executive Officers meeting. The Sustainability Committee comprises of the heads of Mitsubishi Electric’s corporate divisions and corporate strategic planning divisions (as of April 1, 2023, there are 34 members in charge of environmental, social and governance aspects from divisions such as Corporate Strategic Planning and Corporate Human Resources). Based on the materiality, the Committee discusses monitoring the results of activities, decisions on future activity plans, and responses to law amendments, and promoting initiatives from a perspective that spans the entire Mitsubishi Electric Group. In addition, the corporate divisions are responsible for the promotion of specific initiatives such as ethics and legal compliance, quality assurance and improvement, environmental protection activities, social contribution activities, and stakeholder communication.

The Sustainability Planning Division provides the secretariat for the Sustainability Committee. We have established the Sustainability Planning Division under the direct control of the President as the core organization responsible for this task from fiscal 2024 in order to realize sustainability.

The Sustainability Committee generally holds meetings at least three times a year, and the details on the discussion are reported to the senior executives the Executive Officers’ Meeting. From fiscal 2022, the details on the discussion are also reported to the Board of Directors. The Board of Directors regards the statuses of sustainability initiatives as one of “main agenda items” for the Mitsubishi Electric Group and it holds full discussions from the perspective of risk management and profit-generating opportunities, receiving diverse opinions from independent outside directors, as well as supervising the status of initiatives by Executive Officers.

The promotion of sustainability initiatives is one of the compensation indicators for Executive Officers, and the achievement of performance indicators in non-financial areas such as sustainability and ESG-related areas is reflected in incentive compensation. In order to deal with sustainability challenges that involve multiple divisions in a cross-sectional manner, we also have established ‘Sub-committees’ as permanent meetings and ‘Projects’ as temporary meetings under the Sustainability Committee. The two subcommittees,
the "Carbon Neutrality Subcommittee" and the "Human Rights Subcommittee," promote initiatives in response to legal and social requirements. In addition, we have established the "Integrated Report/Legal Disclosure Working Group" and "TCFD Working Group" to consider the clarification of individual categories of activities and the roles of participating divisions, information disclosure in accordance with norms, and other matters. Subcommittees and projects are led by the relevant corporate division, and the progress of these subcommittees’ initiatives is confirmed at each Sustainability Committee meeting.

Further, to share and execute the policies and plans established by the Sustainability Committee, we have established the "Sustainability Communication Meeting" aimed at collaboration between internal divisions and affiliates in Japan and overseas.

Main agenda of the Sustainability Committee (Apr., Oct., and Jan., FY2023, and Apr., FY2024)

- Sustainability initiatives at the management level
- Strengthening the management of the Sustainability Committee (setting up Subcommittees and Projects, etc.)
- Report on achievements made in the previous fiscal year and activities planned in the current fiscal year, with focus on materiality initiatives
- Responses to sustainability-related legal regulations and to requests from stakeholders
- Responses to the sustainable development goals (SDGs)
- Initiatives to carbon neutrality
- Human rights initiatives
- Response to TCFD
- Responses to legal disclosures related to sustainability
- Production of Sustainability Reports and Integrated Reports
- Promotion of social contribution activities

Main suggestions from the Board of Directors

- Sustainability initiatives are necessary to gain customer trust and sustain the business.
- Society expects the Mitsubishi Electric Group to "realize a sustainable global environment" and to "realize a safe, secure, and comfortable society," and the Group must demonstrate its capabilities in these areas, with carbon neutrality at the forefront of such efforts.
- More and more companies are being criticized for greenwashing*. It is important to get the facts right.
- In order to disseminate the Purpose, Management policy, and so forth, it is necessary for management to communicate directly and repeatedly with employees.

* Creating an illusion of efforts being made for the environment when in reality, such efforts were non-existent
Carbon Neutrality Subcommittee

The Carbon Neutrality Subcommittee confirms items related to decarbonization of the Mitsubishi Electric Group that are to be reported to the Sustainability Committee, along with holding discussions on issues that practicing departments such as the Corporate Total Productivity Management & Environmental Programs Group and each business group are not able to resolve on their own.

<table>
<thead>
<tr>
<th>Main agenda of the Carbon Neutrality Subcommittee (FY2023)</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Initiatives toward zero emissions from our company in fiscal 2031</td>
</tr>
<tr>
<td>● Initiatives in the Contribution category</td>
</tr>
<tr>
<td>● SBT certification updates</td>
</tr>
<tr>
<td>● Using internal carbon pricing</td>
</tr>
<tr>
<td>● Sharing external trends related to carbon neutrality</td>
</tr>
</tbody>
</table>

Materiality of the Mitsubishi Electric Group

The Mitsubishi Electric Group has positioned the realization of sustainability as the cornerstone of our management based on the principle of "Provide solutions to social challenges through our businesses." To address sustainability at the management level and to promote it over the long term, we have identified five areas as materiality (important challenges) to "Provide solutions to social challenges through our businesses" and as part of our "Strengthen our business foundation to enable sustainable growth." Through these materiality initiatives, we will create economic and social value and will contribute to solving social challenges, starting with contributing to the achieving the SDGs. In our materiality-related initiatives, we promote continuous activities for improvement by implementing the PDCA cycle for mid- to long-term goals as well as for targets/Key Performance Indicators (KPIs). In terms of targets and KPIs, we have identified 17 essential company-wide sustainability-related targets for fiscal 2024 from among a range of initiatives, and the Sustainability Committee confirms and drives progress towards these targets to increase corporate value.

With regard to the SDGs, we believe that they are in line with our Purpose of contributing to solving social challenges, and we will contribute to the achievement of the 17 Sustainable Development Goals (SDGs) through all of our corporate activities.

Michael Report/Legal Disclosure Working Group

We have established the Integrated Report/Legal Disclosure Working Group under the Sustainability Committee to comply to sustainability legal disclosures on a global scale.

<table>
<thead>
<tr>
<th>Main agenda of Integrated Report/Legal Disclosure Working Group (FY2023)</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Responses to CSRD and ESRS</td>
</tr>
<tr>
<td>● Responses to laws and regulations around the world related to sustainability</td>
</tr>
<tr>
<td>● Warranty of sustainability information</td>
</tr>
<tr>
<td>● Response to revisions to the Annual Securities Report</td>
</tr>
<tr>
<td>● Production of the Integrated Report</td>
</tr>
</tbody>
</table>

About the Sustainability Report

The Sustainability Committee discusses and confirms creation policy for the reports, sustainability management, and other especially important items regarding the Sustainability Report before publication. In particular, the report describes the results of materiality-related initiatives and targets approved by the Sustainability Committee for such initiatives.
Process of Identification and Review of Materiality

In fiscal 2016, the Mitsubishi Electric Group identified materiality and initiatives in response to today’s social trends and business environment, as required by the fourth edition of the GRI Guidelines.

In fiscal 2021, a full internal review of the materiality, mid-to-long-term initiatives, and targets/key performance indicators (KPIs) was undertaken by the Sustainability Expert Committee and Sustainability Business Promotion Committee, in view of subjective evaluations from inside and outside the company, featuring questionnaires and interviews from a total of 1,551 people, including Mitsubishi Electric Group employees, suppliers, investors, analysts, and general consumers.

We have carried out stakeholder questionnaires targeted at general consumers (600 respondents) since fiscal 2017, and we held a questionnaire in fiscal 2022 as well. We will take evaluation from external parties into account as we review these mid-to-long-term initiatives and targets.

While incorporating opinions from inside and outside the company, these initiatives will continue to be improved, and the materiality, mid-to-long-term initiatives, and targets/key performance indicators (KPIs) will be reviewed by implementing the PDCA cycle.

Step 1  Awareness of social issues (fiscal 2021)

Candidate materiality (357 issues) were identified based on ISO26000*,1 the GRI Standards*2, the SASB standards*3, and the Sustainable Development Goals (SDGs).

*1 Guidelines concerning social responsibility issued by the International Organization for Standardization (ISO)
*2 International standards for sustainability reporting issued by the International NGO, Global Reporting Initiative (GRI)
*3 Information disclosure rules concerning the environment, society, and governance (ESG) created by the Sustainability Accounting Standards Board (SASB), a non-profit organization in the U.S.

Derive a long list from the items below

- General issues
  - GRI Standards
  - ISO26000
  - SDGs
  - Industry-specific issues
  - SASB
  - Materiality of competitors

Sort similar items
- Eliminate items that have little relevance to Mitsubishi Electric’s business
- Eliminate economic-related items

Extraction of candidate materiality from guidelines, etc.

Step 2  Assessment of internal and external views and study of materiality (fiscal 2021)

Using the short list created in step 1, we conducted a questionnaire survey of consumers, suppliers, investors, and Mitsubishi Electric Group employees, who are our stakeholders, regarding what expectations they have for the Mitsubishi Electric Group to contribute to addressing social challenges. In addition, we received opinions from experts regarding the identification of materiality through interviews and dialogues with them in order to assess both internal and external views of the Mitsubishi Electric Group. Based on the results obtained, internal working groups narrowed down the issues that the Mitsubishi Electric Group should address as top priority, and the Sustainability Expert Committee and Sustainability Business Promotion Committee are studying the materiality of such issues.

Step 3  Identification of materiality (fiscal 2021)

Identification by the Sustainability Committee

The issues thus extracted and studied through the above-described process and specific mid-to-long-term initiatives and targets/key performance indicators (KPIs) were confirmed by executive officers and identified as the Mitsubishi Electric Group’s materiality by the Sustainability Committee.
Materiality and SDGs

In 2015, the countries of the United Nations General Assembly adopted the Sustainable Development Goals (SDGs). The Mitsubishi Electric Group views these SDGs as an important agenda, the realization of which society seeks.

Under its Purpose that “We, the Mitsubishi Electric Group, will contribute to the realization of a vibrant and sustainable society through continuous technological innovation and ceaseless creativity” the Group aims to contribute to solving social issues. This policy corresponds to what the globally shared goals of the SDGs aim to achieve.

Through our numerous businesses and the entirety of our corporate activities, including environment, social and governance (ESG)-related activities, the Mitsubishi Electric Group is contributing to meeting the 17 SDGs.

Priority SDG initiatives

In line with the materiality identified for fiscal 2022, we reviewed the SDGs to address on a priority basis that we determined in fiscal 2019. In the course of reviewing our goals, we conducted an internal and external survey. As a result of it, we found that Mitsubishi Electric is expected to contribute to resolving social challenges through its business activities.

Based on a study within the company, we set SDGs 3, 7, 9, 11, and 13 as the Priority SDG initiatives, which correspond to “realize a sustainable global environment” and “realize a safe, secure, and comfortable society,” the areas that the Group will focus on going forward.

By further promoting initiatives to create value for these goals to which we can contribute significantly as a comprehensive electrical and electronics manufacturer, we will make a specific contribution to achieving the SDGs.

- Goal 3: Good Health and Well-being
- Goal 7: Affordable and Clean Energy
- Goal 9: Industry, Innovation, and Infrastructure
- Goal 11: Sustainable Cities and Communities
- Goal 13: Climate Action

In doing this, the Mitsubishi Electric Group will integrate the concept of the SDGs into its management strategy and contribute to the SDGs that we will prioritize through our materiality initiatives.

Initiatives related to the 17 SDGs

The Mitsubishi Electric Group, as a comprehensive electrical and electronic manufacturer, handles a wide range of technologies, products, and services, ranging from familiar home electronics products to satellites and projects on a national scale. As such, we believe that we can also greatly contribute toward meeting the 17 Sustainable Development Goals (SDGs).
Management Related to Materiality

FY2023 Targets and Results

<table>
<thead>
<tr>
<th>Materiality</th>
<th>Mid- to long-term initiatives</th>
<th>FY2023 targets/Key performance indicators (KPIs)</th>
<th>FY2023 Result</th>
<th>Scope</th>
<th>Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Realize a sustainable global environment</td>
<td>Reduce CO₂ emissions related to the usage of new products and improve the rate of “CO₂ emission reduction contribution by product use” compared to the previous model</td>
<td>FY2024</td>
<td>1.0% or higher</td>
<td>2.8%</td>
<td>Mitsubishi Electric Group</td>
</tr>
<tr>
<td></td>
<td>Reduce CO₂ emissions from our company</td>
<td>FY2024</td>
<td>30% or higher vs. FY2014</td>
<td>27%</td>
<td>Mitsubishi Electric Group (Japan)</td>
</tr>
<tr>
<td></td>
<td>Use recycled plastics (in terms of the volume of molding and packaging materials)</td>
<td>FY2024</td>
<td>10.0% or higher</td>
<td>8.1%</td>
<td>Mitsubishi Electric Group (Overseas)</td>
</tr>
<tr>
<td></td>
<td>Make effective use of waste plastics</td>
<td>FY2024</td>
<td>90.0% or higher</td>
<td>92.5%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rate of reduction in water usage at high-risk sites (per unit of sales)</td>
<td>FY2024</td>
<td>4% or higher vs. the FY2023 level</td>
<td>16%</td>
<td></td>
</tr>
</tbody>
</table>

*1 Rated as good because we achieved the target emissions for FY2023, which are equivalent to the quantitative targets for the target year.
## Procurement that contributes to sustainability

- **Carry out CSR assessments of major suppliers to build a responsible supply chain, and identify and correct risks related to human rights violations**
  
  Conducted CSR Procurement surveys of 300 major business partners; confirmed that there are no serious human rights violations, such as forced labor or child labor.

- **Establish a plan for sustainability procurement policy guidelines (Integrate the Green Procurement Standards Guide with the CSR Procurement Guidelines)**
  
  Reviewed plans to ensure that the procurement guidelines are developed in a manner that complies with the RBA process.

## Realize a workplace environment that helps all employees work actively

### Respect for all people

- **Carry out a transformation starting with the renewal of the personnel system based on the “Robust Policies” from the company-wide reform project “Team Sousei (Creation)”**
  
  Facilitated internal human resource mobility by updating the rules for operating the internal recruitment program and internal job search program.

- **Continue to promote the Mitsubishi Electric Workplace Reform Program. In particular, accelerate initiatives for improving employee engagement (Quantitative targets for Mitsubishi Electric only)**
  
  - Implemented a variety of measures from Mitsubishi Electric’s Workplace Culture Reform Program.
  - Promoted work style reforms at domestic affiliates.

### Promote diversity

- **Increase the ratio of women among new recruits (Reference value: the average of the past five years, FY2017 to FY2021)**
  
  FY2026
  
  1.2 or more times the baseline
  
  1.3 times*1

- **Increase the ratio of women in managerial positions**
  
  FY2026
  
  2.00 or more times the ratio of FY2021
  
  1.38 times

- **Encourage male employees to take child-care leave (including those taking leave when their spouse gives birth)**
  
  FY2026
  
  70.0% or higher
  
  76.1%

### Overseas actively appoint local national staff as executives for overseas bases

- **Promote the hiring of people with disabilities at more than the statutory employment rates and promote the development of a workplace environment that is comfortable for them (including special subsidiary companies: Mitsubishi Electric Life Service Corporation and Melco Tender Mates Corporation)**
  
  FY2024
  
  2.50% or higher
  
  2.47%

### Promotion of occupational health and mental and physical health

- **Make improvements regarding the rate of lost worktime injuries**
  
  FY2023
  
  0.25 or less
  
  0.37

- **Realization of a workplace environment where people can work while maintaining their mental and physical health through the establishment of a health-conscious management by implementing Mitsubishi Electric Group Health Plan 21 activities and other initiatives.**
  
  Percentage of employees who were classified as having high stress levels at stress checks
  
  FY2023
  
  Less than 9.0%
  
  9.8% (Mitsubishi Electric)

---

*1 Total number from FY2022

*2 Total number of accidents per 1 million hours Mitsubishi Electric
### Materiality: Strengthen corporate governance and compliance on a sustainable basis

<table>
<thead>
<tr>
<th>Initiatives</th>
<th>FY2023 targets/Key performance indicators (KPIs)</th>
<th>FY2023 Result</th>
<th>Scope</th>
<th>Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continue to strengthen the function of the board of directors and the three statutory committees based on the effectiveness assessment</td>
<td>Had a third-party evaluation of the effectiveness of the Board of Directors carried out in FY2023, and made improvements based on the evaluation results.</td>
<td>Mitsubishi Electric</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>Realize a highly independent composition in the board of directors</td>
<td>Conducted training by a variety of means such as workshops, e-learning programs, and handouts.</td>
<td>Mitsubishi Electric Group</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>Compliance training on a continuous basis</td>
<td>Rate of attendance in e-learning programs about the Code of Conduct</td>
<td>100%</td>
<td>Mitsubishi Electric</td>
<td>○</td>
</tr>
<tr>
<td>Fair competition (prevention of antimonopoly violations)</td>
<td>Conducted training on antimonopoly laws (Mitsubishi Electric).</td>
<td>Mitsubishi Electric</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>Major incidents of the violation of the prevention of antimonopoly violations</td>
<td>Conducted anti-bribery training (Mitsubishi Electric).</td>
<td>Mitsubishi Electric Group</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>Corruption prevention (prevention of bribery)</td>
<td>Number of major bribery incidents</td>
<td>0</td>
<td>Mitsubishi Electric Group</td>
<td>○</td>
</tr>
<tr>
<td>Number of major information leakage incidents</td>
<td>Violation of information security related laws and regulations</td>
<td>0</td>
<td>Mitsubishi Electric Group</td>
<td>○</td>
</tr>
<tr>
<td>Improve the information security maturity level*1</td>
<td>Made steady progress toward achievement in FY2026</td>
<td>Mitsubishi Electric Group (Japan)</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>Reconstruct functions for checks and balances</td>
<td></td>
<td>Mitsubishi Electric</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>Conduct quality audits and promote improvements once a year at all manufacturing facilities and plants</td>
<td></td>
<td>Mitsubishi Electric Group</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>Measures for technology capability and resource issues</td>
<td>• Developing an environment to confirm the latest standards by utilizing an online standard viewing system (accessed 23,470 times)</td>
<td>Mitsubishi Electric Group</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>• Establishing a consultation contact point related to product quality laws and regulations</td>
<td>• Reorganizing check items and content for laws and regulations development/modification management</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete reform in the area of quality assurance with an aim for zero quality-related fraud</td>
<td></td>
<td>Mitsubishi Electric Group</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>Renewed efforts to raise awareness on quality compliance</td>
<td>• E-learning attendance rate: 100%</td>
<td>Mitsubishi Electric Group (Japan)</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>• Conducted a biannual employee awareness survey on quality</td>
<td>• Comprehension level of the employee awareness survey related to quality philosophy rules and regulations: 86%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*1 Framework of the Cyber Security Maturity Model Certification (CMMC) issued by the U.S. Department of Defense.
**Materiality**

<table>
<thead>
<tr>
<th>Mid- to long-term initiatives</th>
<th>FY2023 targets/Key performance indicators (KPIs)</th>
<th>FY2023 Result</th>
<th>Scope</th>
<th>Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Create a sustainability-orientated corporate culture</strong></td>
<td>Strengthen the management system to realize sustainability management that integrates the promotion of sustainability</td>
<td>• Reported to executive officers and directors at least three times</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Promote mid- to long-term initiatives for addressing social challenges</td>
<td>• Business units began participating, starting from the Sustainability Committee meeting in October 2022</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Improve understanding on the relationship between business operation and sustainability</td>
<td>Rate of employees who understand the new management policy according to the results of an employee engagement survey</td>
<td>FY2023</td>
<td>80% or higher</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rate of employees who understand the operation of business in line with the management policy according to the results of an employee engagement survey</td>
<td>FY2023</td>
<td>75% or higher</td>
</tr>
<tr>
<td></td>
<td>Promote activities aimed at realizing an inclusive society</td>
<td>Although the number of BIOME participants did not reach the target, the activities are making steady progress</td>
<td></td>
<td>△</td>
</tr>
<tr>
<td></td>
<td>Promote organizational culture reform with focus on the Robust Policies Plan from “Team Sousei”</td>
<td>Promoted by encouraging employees to greet, express appreciation, and address one another with the “san” honorific, implementing the psychological safety guidelines, etc.</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Improve sensibility and adaptability to changes in values among society and individuals</td>
<td>Conducted a survey of global laws and regulations, and discussed and considered responses at the Sustainability Committee meeting</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Promote active communication with stakeholders based on highly transparent information disclosure</td>
<td>• Issued the Sustainability Report and Integrated Report in FY2023</td>
<td>○</td>
<td></td>
</tr>
</tbody>
</table>

Please refer to materiality for mid- to long-term initiatives and goals for FY2024 (17 items), and back issues of our Sustainability Report for results to date.

Materiality
Reports (Sustainability)
Initiatives Related to the Value Chain

The Mitsubishi Electric Group is engaged in a wide range of businesses, ranging from familiar home appliances to satellites and projects on a national scale. Our operations of these businesses affect society and our value chain is also expanding. Recognizing these circumstances, the Mitsubishi Electric Group promotes sustainability initiatives across the entire value chain with a focus on materiality.

![Initiatives on Materiality across the Value Chain](image)

- **Procurement**: Procurement that contributes to sustainability
  - Reduce CO₂ emissions from production
  - Reduce CO₂ emissions related to the usage of new products
  - Aim for net zero greenhouse gas emissions in the entire value chain

- **Development**: Contributing to the realization of a circular economy
  - Use water effectively
  - Use waste plastic effectively

- **Production**: Achieving a decarbonized society through innovation and integrated solution
  - Reduce CO₂ emissions from production
  - Reduce CO₂ emissions related to the usage of new products
  - Aim for net zero greenhouse gas emissions in the entire value chain

- **Transportation**: Achieving safety/security, inclusion, and well-being through our business activities
  - Strengthen corporate governance and compliance on a sustainable basis
  - Create a sustainability-oriented corporate culture

- **Sales and use**: Strengthen our business foundation to enable our sustainable growth
  - Establishing human rights initiatives based on international norms and implementing responsible supply chains
  - Realize workplace where diverse and versatile human capital gathers and works together
  - Increase effectiveness of the Board of Directors
  - Preventing the recurrence of improper quality control practices
  - True understanding and practices of a compliance motto
  - Always Act with Integrity
  - Improve the Cybersecurity maturity level

- **Materiality**
- **Environmental Considerations for Value Chain Management**
Initiatives / External Evaluation

Initiatives

<table>
<thead>
<tr>
<th>Participation in the UN Global Compact</th>
</tr>
</thead>
<tbody>
<tr>
<td>In May 2018, the Mitsubishi Electric Group signed the UN Global Compact (UNGC)* aimed at promoting sustainability activities based on international norms. By signing the UNGC, the Group pledges to make continued efforts to enhance sustainability activities by complying with the ten principles in the four areas of human rights, labor, environment, and anti-corruption to the extent that it can make an impact on society. Efforts will be made to enhance the Group’s activities by maintaining close communication with UN organizations and relevant initiatives.</td>
</tr>
<tr>
<td>SBT</td>
</tr>
<tr>
<td>It is recognized that the Mitsubishi Electric Group’s greenhouse gas reduction targets for 2030 are based on scientific grounds to “Holding the increase in the global average temperature to well below 2°C above preindustrial levels” as stipulated in the Paris Agreement. We have obtained certification from the SBT (Science Based Targets) initiative.</td>
</tr>
<tr>
<td>Expression of approval of the TCFD recommendations</td>
</tr>
<tr>
<td>The Mitsubishi Electric Group has expressed approval of the recommendations by TCFD (Task Force on Climate-related Financial Disclosures) and has been promoting initiatives and disclosing information according to its recommendations.</td>
</tr>
<tr>
<td>Joining CLOMA</td>
</tr>
<tr>
<td>On April 1, 2023, Mitsubishi Electric joined the Japan Clean Ocean Material Alliance (CLOMA) to help solve marine plastic waste problems. By accelerating our efforts toward solving waste plastic problems including those related to marine plastics through the use of our proprietary advanced plastic sorting technology, we will further contribute to realizing a circular society.</td>
</tr>
<tr>
<td>Participating in the GX League</td>
</tr>
<tr>
<td>Mitsubishi Electric is participating in the GX League announced by the Ministry of Economy, Trade and Industry (METI). The GX League has been established by companies which actively work on green transformation (GX) together with players who strive to achieve GX, including governments, academia, public research institutions, and financial institutions, as a forum for discussing the overall economic and social system and creating new markets accordingly. Mitsubishi Electric will promote efforts to achieve GX through the activities of the GX League.</td>
</tr>
<tr>
<td>Joining the RBA</td>
</tr>
<tr>
<td>In February 2022, Mitsubishi Electric joined the Responsible Business Alliance (RBA), an alliance that promotes corporate social responsibility in global supply chains. We commit to progressively align our own operations with the provisions of the RBA Code of Conduct, a global standard, to promote continuous improvement of our sustainability efforts.</td>
</tr>
<tr>
<td>Joining JaCER as a Founding Member</td>
</tr>
<tr>
<td>Mitsubishi Electric has joined the Japan Center for Engagement and Remedy on Business and Human Rights (JaCER), which was established in June 2022 to support and promote the redress of grievances by companies, as a founding member (regular member). Going forward, we will continue to strengthen its grievance handling mechanisms in order to promote respect for human rights in society.</td>
</tr>
<tr>
<td>Main initiatives in which Mitsubishi Electric is participating</td>
</tr>
<tr>
<td>Japan Business Federation (Keidanren)</td>
</tr>
<tr>
<td>Ministry of the Environment (30by30 Alliance for Biodiversity)</td>
</tr>
<tr>
<td>Japan Association of Corporate Executives</td>
</tr>
<tr>
<td>The Japan Chamber of Commerce and Industry</td>
</tr>
<tr>
<td>Japan Electronics and Information Technology Industries Association</td>
</tr>
<tr>
<td>The Japan Electrical Manufacturers’ Association</td>
</tr>
</tbody>
</table>

* A voluntary initiative to participate in creating a global framework to achieve sustainable growth.
External Evaluation

| Positive Impact Finance |
Mitsubishi Electric has entered into a Positive Impact Finance (PIF) financing agreement, which is intended to continuously support the activities of companies that comprehensively assess and monitor the impacts of their corporate activities on the environment, society, and the economy, thereby contributing to the achievement of the SDGs, with MUFG Bank, Ltd. Upon entering the agreement, we received qualitative and quantitative assessment from Mitsubishi UFJ Research and Consulting Co., Ltd. and obtained independent opinions from Japan Credit Rating Agency, Ltd.

| MSCI Indexes |
MSCI (USA) is a company that calculates and announces various indexes of global constituents. Mitsubishi Electric was selected as a constituent for the MSCI Japan Empowering Women Index (WIN), consisting of select companies in Japan displaying excellent gender diversity. The index has also been adopted as an investment outlet by GPIF.

- THE INCLUSION OF Mitsubishi Electric Corporation IN ANY MSCI INDEX, AND THE USE OF MSCI LOGOS, TRADEMARKS, SERVICE MARKS OR INDEX NAMES HEREIN, DO NOT CONSTITUTE A SPONSORSHIP, ENDORSEMENT OR PROMOTION OF Mitsubishi Electric Corporation BY MSCI OR ANY OF ITS AFFILIATES. THE MSCI INDEXES ARE THE EXCLUSIVE PROPERTY OF MSCI. MSCI AND THE MSCI INDEX NAMES AND LOGOS ARE TRADEMARKS OR SERVICE MARKS OF MSCI OR ITS AFFILIATES.

| CDP |
Mitsubishi Electric was selected as a “Supplier Engagement Leader” in the Supplier Engagement Rating from CDP. We also received “A-” (Leadership Level) ratings in the Climate Change and Water Security categories.

| S&P/JPX Carbon Efficient Index |
Mitsubishi Electric was selected as a constituent of the S&P/JPX Carbon Efficient Index designed to measure the performance of companies by focusing on the level of carbon efficiency (carbon emissions per sales). The Index, which is constructed by S&P Dow Jones Indices, is based on carbon emission data by Trucost, which assesses risks relating to climate change, natural resource constraints, and broader environmental, social, and governance factors. The Index has also been adopted as an investment outlet by GPIF.

| EcoVadis |
Mitsubishi Electric has been awarded the Bronze Rating in corporate social responsibility (CSR) by EcoVadis, the global CSR assessment agency. The Bronze Rating places Mitsubishi Electric among the top 50 percent of all companies assessed by EcoVadis.

| PRIDE Index 2022 |
Mitsubishi Electric received the Gold award in the “PRIDE Index 2022,” an index to evaluate initiatives for LGBTQ and other sexual minorities at workplaces in Japan. We were recognized for our continuing LGBTQ initiatives and received the Gold award for the first time following our receipt of the Silver award in 2021.

| FTSE Index Series |
FTSE Russell (UK) is a company that engages in the development of global investment indexes and the provision of financial data to investors. Mitsubishi Electric was selected as a constituent of the company’s FTSE 4 Good Index Series. Additionally, Mitsubishi Electric was selected as a constituent of the FTSE Blossom Japan Index and the FTSE Blossom Japan Sector Relative Index. These indexes have also been adopted as investment outlets by the Government Pension Investment Fund (GPIF).

| Eruboshi |
Mitsubishi Electric has received Eruboshi (Grade 2) from the Ministry of Health, Labour and Welfare as an outstanding enterprise in promoting women’s participation and career advancement.
Communicating with stakeholders

Basic policy on stakeholder engagement

The Mitsubishi Electric Group understands that requests and opinions from its stakeholders are extremely important—not only to avoid acts that will inconvenience society, but also to pursue initiatives for achieving a sustainable society.

As such, the Group captures every opportunity to communicate with various stakeholders, it shares opinions and other information received from them among director-level personnel and elsewhere within the Group through the Sustainability Committee, and we incorporates these opinions and information within various initiatives.

Going forward, the Mitsubishi Electric Group aims to realize a vibrant and sustainable society while endeavoring to ensure transparent disclosure of information on sustainability and while working to solve social challenges together with its stakeholders.

Reflecting stakeholders' opinions

Stakeholders have expressed a variety of opinions regarding the Mitsubishi Electric Group's efforts in FY2023. In response, the Group has been working to promote and implement sustainability initiatives.

Opinion 1: Clarification of four areas to promote the realization of sustainability
We identified four areas to promote sustainability in response to an employee's comment that we should be more specific about what the Mitsubishi Electric Group will do to realize sustainability.

Opinion 2: It is difficult to see what specific activities the Mitsubishi Electric Group is implementing
Investors and other stakeholders have commented that the Mitsubishi Electric Group should disclose the specific details of how it will strive to reform. In our 2023 Sustainability Report, we will disclose what social issues our products and services are attempting to solve and how we are working to reform our organizational culture, including the views of our employees.

Opinion 3: Please explain the concept of Circular Digital-Engineering in an easy-to-understand manner
We have received many comments asking us to explain Mitsubishi Electric’s concept of ‘Circular Digital-Engineering’ in an easy-to-understand manner using concrete examples. We did our best to provide an easy-to-understand explanation at Corporate Strategy briefings and other meetings in FY2024.

We are also giving serious consideration to many other comments that we have received, and we will incorporate them into the Mitsubishi Electric Group’s sustainability efforts.

METoA Ginza, a place for co-creation with stakeholders

METoA Ginza, which is located in Tokyo Ginza district, aims to be a "space for co-creation" with stakeholders by providing opportunities to experience ideas in the development stage at the Mitsubishi Electric Group and by incorporating the opinions gathered there into the development process.

Visitors are diverse, ranging from families and foreign tourists to students, government officials, customers, and employees. In this place, visitors can deepen their understandings of social issues and solutions both in the physical and digital worlds. Hands-on exhibits showcase the latest technologies that can help solve social issues, while public recordings and archives of speaking events roundtable discussions among social entrepreneurs, influencers, and Mitsubishi Electric engineers can be accessed via the website.

In fiscal 2023, we received approximately 8,000 comments and opinions from visitors, which has motivated our employees to provide even better products and services. In addition, when we exhibited “ekinote,” a guidebook application that integrates transportation, sightseeing, and dining information at approximately 9,100 stations across Japan and their surrounding towns and cities, we incorporated approximately 8,200 pieces of visitor feedback into our development process, thus contributing to regional revitalization.

By expanding METoA Ginza’s activities as a “space for co-creation,” we will increase the number of people who will work together to realize a sustainable future, and together with our stakeholders, we will work toward the realization of a “sustainable society full of prosperity.”
**Dialogues with Experts**

The Mitsubishi Electric Group incorporates opinions from external experts on sustainability into our management activities and initiatives. We invited three experts to our head office to exchange their views with three executives, including the president, in March 2023.

We began by explaining the Mitsubishi Electric Group’s Corporate Strategy for becoming a Circular Digital-Engineering Company, which is our new framework for promoting sustainability from fiscal 2024, and the progress we have made in specific initiatives. We also introduced ‘My Purpose’ activities, which we are currently promoting to have every employee personally adopt the Company’s Purpose, and the ‘President’s School,’ which is designed to develop future executives. Experts shared their perspectives on our initiatives based on the latest global trends, and we used their input to deepen our discussions.

During the discussions, the experts provided a wide range of advice on various topics, including our efforts to achieve carbon neutrality by 2050, how to prepare TCFD (Task Force on Climate-related Financial Disclosures) disclosures, and measures to integrate sustainability into management.

The dialogue lasted for two hours with positive feedback and expectations for the management structure, which consists of four Business Areas (hereafter, BA), and the governance reform.

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**Main topics of discussion**

- Toward achieving carbon neutrality by 2050
- How to integrate TCFD into management
- Spreading awareness within the company and fostering the next generation
- Expectations for the governance reform

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**Setting clear timescales for achieving goals and working with stakeholders to keep initiatives moving forward**

Professor, Institute for Future Initiatives, the University of Tokyo  
Ms. Yukari Takamura

I consider that the BA management structure, which was put in place in fiscal 2023, is an effective platform for addressing specifically to social challenges. My expectation is that BAs will make good use of the diverse technological seeds that they have collected and grow buds of new businesses, starting from the question of “How can we help solve social challenges?”

To achieve the goal of carbon neutrality by 2050, it is important to consider initiatives with a clear understanding of the timescale, including the technological prospects. It is also essential for employees to share the timeline in which the technological development they are involved in will contribute to achieving the goal and the importance of their contributions to the company’s initiatives in order to increase motivation. Moreover, it is not easy to reduce Scope 3 emissions, because your company has a wide range of products. It is desirable for Mitsubishi Electric to be able to clearly demonstrate its approach to initiatives and the progress made.

Thinking about and working with stakeholders is critical to recognizing the materiality of sustainability as a social challenge and helping to address it. Mitsubishi Electric must establish similar mechanisms for other issues, just as you have worked with and engaged in dialogue with international NGOs and other organizations to address human rights issues in the supply chain.

In terms of the structure for promoting sustainability, I expect that stronger measures will be taken with the Sustainability Planning Division being positioned under the direct control of the president in fiscal 2024. Meanwhile, the company could consider inviting third parties to serve on the Sustainability Committee. Establishing governance is an important step in integrating sustainability issues into the business. I look forward to seeing how the President’s initiatives have progressed in a year’s time.
Looking forward to the realization of green innovation that converts "environmental costs" into "corporate value"

President of NELIS, a non-profit organization
Full-time Professor, Graduate School of Leadership and Innovation, Shizenkan University, Director of the Center for Sustainability and Innovation
Mr. Peter David Pedersen

When considering sustainability and its relevance to business, it is important to take into consideration the particular focus and strengths of different business lines in a company. I expect Mitsubishi Electric to realize green innovation by leveraging the strengths of its diverse technologies and products to reduce CO₂ emissions, to recycle resources, to regenerate ecosystems, and to solve water issues.

We recognize that the goal of carbon neutrality by 2050 is important, but we will not be able to achieve it all at once. It is essential for those in charge of the business to accumulate experience by steadily building a solid foundation while obtaining small wins by solving each problem in a stepwise fashion before realizing the distant future vision. While formulating strategies to solve big problems based on backcasting, it is important to build technologies and businesses through forecasting.

Although the TCFD may seem like a severe restriction in that it requires the disclosure of the specified items based on standards, it is essential to demonstrate how you will incorporate them into your company’s strategy based on a full understanding of the elements contained within those standards. I would like to see the company demonstrate its management skills by transforming “environmental costs” into “corporate value” and realizing “trade-ons” instead of “trade-offs.”

In my opinion, the Circular Digital-Engineering Company value creation model is an excellent vision to strive for. The four BAs also have great market potential. I hope that under the leadership of the BA owners, the entire business will be linked to sustainability and spiral upwards. The ultimate responsibility that a company should bear is not “responsibility to shareholders” but “responsibility to the future,” specifically future generations yet to be born, and I hope that the company will accelerate innovation as a true pioneer.

Sharing with employees the story of business and management for the future, and continuing rapid reforms

Professor at the Faculty of Economics and Business Administration and Graduate School of Management,
Tokyo Metropolitan University
Ms. Chieko Matsuda

I participated in the Dialogue last year as well, and I have seen several developments in advancing sustainability over the past year. It is commendable as a demonstration of the company’s determination that the starting point is clearly stated as “solving social challenges through business” and that “My Purpose” activities to disseminate the Purpose are being carried out under the President’s leadership.

On the other hand, there are several points that need to be re-examined to improve the approach. There is room for improvement in the diagram currently used to represent the three innovation areas of “Green By,” as it is not sufficiently clear in terms of the timeframes, resources to be used, and business models. The four elements that are becoming the framework for sustainability disclosure—namely Strategy, Risk Management, Metrics and Targets, and Governance—are essentially a series. First, there is the Corporate Strategy, and then consideration of risk scenarios to implement the strategy. Quantitative indicators and targets have been set to manage and understand the risks assumed in the scenarios. Get the governance that monitors the risk scenarios to work, and feed the results back into the strategy. It is important to follow the PDCA cycle in this way.

In the four BAs, the question is how much authority and power the BA owners have to lead the company. To advance business based on market response, direct dialogue between investors and BA owners could be considered. In addition, developing the next generation of managers to have excellent management acumen is essential to achieving sustainability transformation.

It is also important to consider employees as stakeholders. Employees want to know where Mitsubishi Electric is heading and what its business and management story will be.

Because your company has experienced the crisis brought about by the improper quality control practices, I believe that the company is now in a situation in which it is possible to make drastic revisions to all internal systems and structures. I sincerely hope that this crisis will be turned into an opportunity and that the company will continue to carry out its reforms with a sense of urgency.

After the dialogue

The various opinions we heard have renewed our determination to achieve sustainability starting from “solving social challenges through our businesses.” As the Sustainability Planning Division came under the direct control of the president in fiscal 2024, we will strive to further strengthen the connection with management and to make effective efforts. We seriously consider the comment that the three innovation areas of “Green by” and the timescale for achieving carbon neutrality have not been communicated well, and we will revise them to strengthen our communications with stakeholders.

We also appreciate the valuable comments on the TCFD’s proposed framework of Strategy, Risk management, Metrics and Targets and Governance, which is not intended to be completed on an item-by-item basis but is necessary to properly implement the PDCA cycle for managing risks and opportunities on climate change as well as to disclose these four elements as a whole process. This framework will be used not only for climate change but for human capital, diversity, and other sustainability disclosures. Through the dialogue, I was convinced that it is necessary to have a proper understanding of why these items are important and to ensure that they are rooted in the PDCA cycle of Corporate Strategy.

Thank you for your time today.

Senior General Manager of Sustainability Planning Division, Mitsubishi Electric Corporation
Asako Ueno

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Results of Reader Surveys

<table>
<thead>
<tr>
<th>Questionnaire-based Survey Conducted on the Sustainability Report</th>
</tr>
</thead>
</table>
| The Mitsubishi Electric Group conducted a survey questionnaire among its stakeholders in Japan regarding the Group’s sustainability initiatives and Sustainability Report 2021, resulting in responses from 600 individuals. A portion of the survey results is presented here. The Group's initiatives were quite well-thought of overall, with the responders offering many positive options. They also raised certain issues. The Group takes these points seriously and will adjust based on them in future activities, with the Group as a whole pushing further forward on its sustainability efforts.

Survey summary and partial results

[Period] November 2022

[Questionnaire responders]  ● Japan  ● 600 persons
  ● General population nationwide, men and women aged 15 or older (people with a strong interest in sustainability)

[Main questions]
  ● Is senior management pursuing sustainability initiatives in earnest?
  ● Does the company have the framework that will allow it to implement sustainability efforts as a total organization?
  ● Are the company initiatives truly moving forward?
  ● Is the company engaging in dialogue with the relevant parties in its orbit?
  ● Does the company consider ease of comprehension and access to information?
  ● Please select all those items in the report that made a particular impression on you (e.g. evoked positive feelings, sparked interest, felt you could approve of it, etc.).
  ● Whether the company’s efforts to address materiality (important challenges) are sufficient
  ● What is the social challenge among five areas that you particularly expect to be solved in the future?
  ● Whether the company's efforts to address materiality are sufficient
  ● Whether the Mitsubishi Electric Group’s efforts to address important challenges are sufficient
  ● Does the company consider ease of comprehension and access to information?

Main comments received on expectations regarding materiality

- **Realize a sustainable global environment**
  - Issues such as the realization of a sustainable global environment and the occurrence of extreme weather events seem to be alarm bells and cries from the earth for humanity. These issues are very important for companies that are heavily involved in energy (Male over 60).
  - A process chart for decarbonizing and a policy compatible with the circular economy are clearly laid out (Male, 30s).
  - I feel that the company is learning from a series of issues related to misconduct of the past and is correcting its corporate structure in a number of ways (Male, 50s).
  - I hope that universal design efforts will continue to be promoted to create products that are easy for many people to use and apply in their daily lives (Male, 60s).

- **Realize a safe, secure, and comfortable society**
  - Proactive efforts are being made to reform the corporate culture to eliminate gender barriers, with an example being the promotion of women and the provision of maternity leave for men (Female, 30s).
  - The company takes on the challenge of creating an environment where employees can work confidently while being well-rounded, physically and mentally healthy individuals, regardless of their diversity with regard to point of view, gender, and abilities. And I find it very wonderful that the company is showing these efforts to every section of the company, thereby promoting a corporate environment where employees have abundant opportunities to freely realize their dreams and goals (Male, 20s and below).

- **Respect for all people**
  - I like their orientation towards listening to and understanding employees’ feedback proactively (Female, 40s).
  - I think the reform of the system is sufficient, but the most important thing is the restoration of trust and the building of a track record for the future (Male, 50s).

- **Strengthen corporate governance and compliance on a sustainable basis**
  - Create a sustainability-oriented corporate culture
  - I hope that the company pursue essential wealth and happiness for people (Female, 30s).
  - I think disclosure is sufficient. If I had to choose, I hope that the company describe more about the results of internal communication and alignment of understandings (Male, 30s).
Measures for Internal Dissemination

The Mitsubishi Electric Group is implementing various internal dissemination measures to help employees understand sustainability and to unite the Group in its efforts for addressing social challenges through our businesses. The main measures are as follows.

### Internal Dissemination Measures

<table>
<thead>
<tr>
<th>Target</th>
<th>Description of Initiative</th>
</tr>
</thead>
</table>
| Executives                  | - Sustainability lectures  
Lecture presentations are held by experts who are asked to speak about changes in social perspectives and the latest industrial trends concerning sustainability to Mitsubishi Electric executives and members of the Sustainability Committee. |
| Affiliate companies in Japan| - Sharing of sustainability information in conferences of Mitsubishi Electric Group administrative managers  
Twice a year, general managers of administrative departments of affiliate companies in Japan gather in a conference to discuss compliance and other related matters, in which they share information on the Mitsubishi Electric Group’s company-wide sustainability policy and initiatives. |
| Affiliate companies overseas| - Sustainability promotion activities in each region  
Overseas affiliates of the Mitsubishi Electric Group also hold committees for promoting sustainability and otherwise implement activities as needed for each region. |
| Sustainability managers     | - Sustainability manager training  
Mitsubishi Electric holds training for sustainability managers from the company’s offices and affiliates in Japan. Through lectures, they learn the basic principles of sustainability, social demands, and the Mitsubishi Electric Group’s sustainability initiatives. |
| Group employees             | - Promoting understanding of sustainability through training and in-house newsletters  
E-learning educational materials are distributed so that employees of Mitsubishi Electric and its group companies in Japan can learn about sustainability. In addition, in-house newsletters distributed to the group companies in Japan and overseas introduce sustainability initiatives both in Japanese and English. |
| New employees               | - Sustainability training  
Sustainability training is provided to new Mitsubishi Electric employees to give them an opportunity to deepen their understanding of sustainability, which is positioned as the cornerstone of its management. They are also informed of the importance of ensuring ethical and legal compliance as well as addressing quality and environmental issues in their daily work. |

### Key Initiatives for Fiscal 2023

**Direct dialogue between executives and employees**

Mitsubishi Electric holds interactive meetings between executives and employees at each workplace to communicate executives’ thoughts regarding reforms to employees, as well as to exchange views between them. In fiscal 2022, these meetings were held at a total of 42 bases, and in fiscal 2023, 314 meetings were held in the form of small-scale town hall meetings to facilitate deeper dialogue. We have listened to our employees’ diverse opinions and will feed them back into various reforms.

**Sustainability lectures for executives**

Lecture presentations are held by experts regarding changes in social perspectives and the latest industrial trends concerning sustainability for Mitsubishi Electric executives and members of the Sustainability Committee. These are opportunities for executives to reaffirm the importance of sustainability.

**Sustainability training**

To deepen each employee’s understanding, we conduct training, such as e-learning and new employee training, and check the degree of dissemination through an employee awareness survey.

We also disseminate the SDGs to our employees in various ways to help them understand the context of their adoption and their individual goals, and to help them contribute to the achievement of the SDGs.

### Results of the employee survey on the awareness of sustainability training

| Understanding of the new management policy | 71% |
| Implementing operations in accordance with management philosophy | 67% |
Dissemination of information to group employees

The Mitsubishi Electric Group actively utilizes information to disseminate sustainability internally. In particular, it is important for employees to understand our Management policy and Corporate strategy, which position the realization of sustainability as the cornerstone of our management.

For this reason, we have posted easy-to-understand video contents on the intranet and posters for employees at manufacturing sites, which are about “Sustainability Management,” “Addressing Social Challenges through our Businesses,” “Circular Digital-Engineering company,” and “Purpose,” etc, from the perspectives of what is different from the past and how to apply the concepts to their work.

Eco-chan activities

As stated in our corporate strategy, the Mitsubishi Electric Group contributes to realizing sustainability by solving social issues through the products and services we provide. One measure to disseminate our sustainability efforts to our employees is creating the "Sustainability Square" website. This site features easy-to-understand explanations of how Mitsubishi Electric Group's products and services contribute to solving social issues by using characters such as "Eco-chan." In addition, the site also includes content that introduces human rights and other sustainability initiatives.

Employees are regularly notified by email of new content postings. Timely, appropriate content is also added in response to the employee questionnaire. We strive to ensure that all employees of the Mitsubishi Electric Group deepen their understandings of our sustainability initiatives.
## Communication with stakeholders

A strong relationship of trust with stakeholders is indispensable for conducting business activities. We provide various opportunities to help stakeholders understand the Mitsubishi Electric Group and ask for their expectations, requests, and opinions.

<table>
<thead>
<tr>
<th>Major stakeholders</th>
<th>Responsibilities and issues</th>
<th>Major contact departments</th>
<th>Major communication opportunities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customers</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
| Individual and corporate customers | - Improvement of customer satisfaction  
- Product safety and quality  
- Customer response and support | - Sales departments  
- Quality departments | Inquiry centers (home appliances: Customer Relations Center; building systems: Information Center, etc.), sales activities, websites, showrooms, events, exhibitions, customer questionnaires, mass media / commercials |
| Employees          |                            |                           |                                   |
| Workers related to the Mitsubishi Electric Group in general | - Occupational health and safety  
- Respect for human rights  
- Human resource development  
- Respect for diversity | - Personnel departments  
- Sustainability promotion departments | Hotlines, intranets, in-house bulletins, training programs, meetings between management and employees, employee awareness surveys |
| Government, local governments, industrial organizations |                            |                           |                                   |
| Governmental institutions, local governments and industrial organizations relevant to the business activities of the Mitsubishi Electric Group | - Compliance with laws and regulations  
- Compliance with restrictions  
- Policy proposals | - External affairs departments | Participation in advisory councils and committees, participation in the activities of industrial and economic organizations |
| NGOs and NPOs      |                            |                           |                                   |
| NGOs/NPOs citizens groups, etc. with relevance to the social and environmental aspects of Mitsubishi Electric Group | - Grants and partnerships through contributions to regional communities  
- Dialogues on social and environmental issues | - Sustainability promotion departments | Philanthropic activities (funds, foundations, volunteer activities), dialogues on social and environmental issues |
| Business partners  |                            |                           |                                   |
| Business partners that supply raw materials and parts | - Fair transactions  
- Sustainability promotion through the supply chain | - Materials departments | Information sessions on sustainability procurement, BCP seminars, meetings based on the results of fair selection and evaluation of suppliers |
| Regional communities |                            |                           |                                   |
| Communities near Mitsubishi Electric offices | - Contribution to four activity philanthropic areas (social welfare; science and technology; global environmental conservation; culture, art and sports) | - Sustainability promotion departments | Contributions through business, philanthropic activities, (funds; overseas foundations, volunteer activities), grants to universities, plant inspection tours, factory open-house events |
| Shareholders       |                            |                           |                                   |
| Shareholders, investment institutions, investors, etc. directly or indirectly possessing Mitsubishi Electric Group shares | - Increase in corporate value  
- Proper redistribution of profits  
- Information disclosure  
- Response to ESG investments | - IR departments | Financial results presentation meeting (4 times yearly), general meetings of shareholders (once a year), IR events/individual meetings, websites (IR library), responses to interviews, shareholder communications |
| Others             |                            |                           |                                   |
| Academic institutions and research institutions | - Cooperation in creating innovation  
- Joint studies | - R&D departments | Industry-academia cooperation in research, stakeholder dialogues (once a year) |
| Future generations |                            |                           |                                   |
|                         | - Provision of education opportunities | - Sustainability promotion departments  
- Overseas foundations | Inquiry centers, philanthropic programs, factory inspection tours, grants via foundations, events, METoA |
Environment

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Environmental Considerations for Value Chain Management ...................................... 71
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Basic Policy

The Mitsubishi Electric Group sets forth a clear course of action it shall take toward 2050 in Environmental Sustainability Vision 2050, and promotes initiatives to realize sustainability of the global environment based on an environmental policy that outlines how the Group shall contribute to the environment.

Environmental Sustainability Vision 2050

In recent years, corporations are expected to further continue their long-term efforts to solve global environmental issues. The Mitsubishi Electric Group’s new Environmental Sustainability Vision 2050 defines environmental protection as an even greater corporate priority and stipulates increased initiatives toward this end. It establishes Mitsubishi Electric’s future course toward 2050 in the form of the Environmental Declaration, Three Environmental Action Guidelines, and Key Initiatives.

1 Apply Diverse Technologies in Wide-Ranging Business Areas to Solve Environmental Issues

The Mitsubishi Electric Group shall utilize diverse technological assets throughout wide-ranging business areas, and across the entire value chain, to solve various environmental issues, including climate change, resource circulation and coexisting harmoniously with nature.

Key Activities

Climate Change Measures
1) Promoting and disseminating outstanding energy-saving products, systems, services and renewable energy businesses, together with our stakeholders, we will contribute to reducing greenhouse gases worldwide.
2) Respecting the global shift toward carbon neutrality, we will promote the reduction of greenhouse gases throughout the value chain, from development, design, procurement of raw materials and production through sales, distribution, use and disposal. Our present target is to reduce CO2 emissions to net-zero by 2050.
3) Observing changes in the global environment, we will provide solutions that contribute to minimizing the risks of natural disasters.

Resource Circulation
1) Reducing the size and weight of products, we will consider the use of recycled materials and recyclability rate of the products and systems we produce.
2) Eliminating resource waste throughout the value chain, we will strive to maximize the effective use of resources.
3) We will work to expand the supply of safe, clean water globally, as well as to enforce water treatment that does not pollute oceans and rivers.
4) We will promote the effective use of water taking the water environment of each region into consideration.
5) We will promote resource recycling businesses globally, such as reuse, repair of products/systems and waste reduction.
6) We will aim to achieve 100% effective use of wastes, such as plastics, generated during manufacturing processes.

Live in Harmony with Nature
1) Throughout the Group, we will carry out activities to preserve biodiversity in the mountains, rivers, and oceans, and at all business sites, and promote the development of local environments and human resources to be passed to future generations.
2) We will work to control, suppress, substitute, and properly dispose of harmful substances that may affect the natural environment.
2 Challenge to Develop Business Innovations for Future Generations

The Mitsubishi Electric Group shall draw on internal and external strengths, combine them when required to resolve difficult issues, and take on the challenge of developing technologies and business innovations for future generations.

Key Activities

Long-term Activities
1) We will set specific indices and action items while considering future prospects in the midterm Environmental Plan formulated every three years.
2) We will verify the validity of long-term goals approximately every five years, doing so considering international agreements, foreign affairs and business conditions.

Innovation
1) We will cooperate with other companies and institutions, and use our technological assets, technologies and business synergies to create innovative technologies and solutions.
2) We will proactively adopt innovational technologies and solutions that enable us to lead manufacturing in future generations.

Nurturing Human Resources
1) We will foster a corporate culture in which employees, as ordinary citizens, take the initiative on creating new lifestyles in harmony with nature.
2) We will develop highly specialized human resources who accept diverse values, and proactively work on environmental issues.

3 Publicize and Share New Values and Lifestyles

The Mitsubishi Electric Group shall promote active dialogue, collaboration, and co-creation with all stakeholders, publicizing and sharing new values and lifestyles that will result in living comfortably, in harmony with nature.

Key Activities

Understanding Needs
1) We will work to understand our customers’ needs and expectations for the environment through sales activities, exhibitions, events, and other initiatives.
2) We will hold discussions with stakeholders, and confirm the validity of our environmental targets and measures, to promote more effective environmental activities.

Co-create and Disseminate New Values
1) We will propose new lifestyles that provide the pleasure of contributing to the environment through the use of our products, systems, and services.

Environmental Policy

Based on its Purpose, “We, the Mitsubishi Electric Group, will contribute to the realization of a vibrant and sustainable society through continuous technological innovation and ceaseless creativity,” the Mitsubishi Electric Group clearly states its contribution to the realization of sustainability as one of its key management policies. Our aim is to realize both a sustainable global environment and a safe, secure, and comfortable society. To find solutions to environmental problems such as climate change, resource depletion, and the loss of biodiversity, contributing to the protection of the environment is positioned as one of the most important issues that the Group must address.

Utilizing our accumulated and newly developed state-of-the-art technologies, and in accordance with “Environmental Vision 2050,” we will provide products and services through a wide variety of businesses that contribute to resolving climate change issues and creating a recycling-based society. At the same time, we will draw on strengths, both within and outside of the Group, and with the passion of all employees, focus on creating innovative technologies, products and services while proposing new values that will support future generations. Particularly, in view of the global trend towards rapid decarbonization, we are addressing the reduction of greenhouse gas emissions throughout our value chain while also promoting the recycling of resources globally and making efforts to preserve biodiversity.

As a good corporate citizen, the Group will continue to work with its employees, their families, and local communities to foster environmental awareness and expand the sphere of its activities that are contributing to society. We will actively disseminate information on our environmental initiatives in an effort to promote a mutual understanding with society. In doing so, we will comply with laws and social norms, change the ways we think and act with a keen sensitivity to changes in society, and always conduct business activities while giving continuous consideration to protecting the environment.

Under the Environmental Declaration, “Protect the air, land, and water with our hearts and technologies to sustain a better future for all,” all employees of the Mitsubishi Electric Group will contribute with pride and passion to enrichen people’s lives and improve the global environment.

November 2021

Kei Uruma
President & CEO
Strategy for Climate Change

Financial Information Based on Recommendations of the Task Force on Climate-related Financial Disclosures (TCFD)

Task Force on Climate-related Financial Disclosures (TCFD) The Mitsubishi Electric Group has expressed its support for the recommendations of the TCFD (Task Force on Climate-related Financial Disclosures), and as such, the Group promotes efforts and discloses information in line with these recommendations.

We view response to the TCFD as an activity to fulfill our “responsibility to a sustainable society” and “contribute to a sustainable society through our business” by addressing the global environmental challenge posed by climate change. Moreover, we view it as “risk management in response to long-term social and environmental changes” towards the realization of sustainability, and “communication with stakeholders” to promote the resolution of social issues.

| Governance |

Basic policy of Sustainability

The Mitsubishi Electric Group implements sustainability-oriented initiatives in all corporate activities in accordance with its “Purpose,” “Our Values,” and “Commitment.” Our Management policy states, “we will return to our fundamental principle of ‘addressing social challenges through our businesses’ and position the realization of sustainability as the cornerstone of our management. From this approach, we will pursue a sustained enhancement of our corporate value and fulfill our responsibility to society, to our customers, shareholders and employees, and to all other stakeholders.” We will pursue initiatives for achieving a sustainable society to incorporate the expectations, requests, and opinions from society into activities, and to minimize the negative impact on society and the environment.

Actions to promote the realization of sustainability

To realize sustainability, we have set the following four points as actions to advance:

1. Contribution to a sustainable society through our businesses
   - To contribute to the realization of a “vibrant and sustainable society” by solving social and environmental issues through our business activities

2. Responsibility for a sustainable society
   - To conduct business responsibly in a manner that does not cause or exacerbate social challenges or environmental issues

3. Risk management for long-term social and environmental changes
   - To adapt to changes in society and the environment not only in the short and medium terms but also in the long term. To create business opportunities and sustainable development. To predict risks and to control or minimize their impacts on business management

4. Communication with stakeholders
   - To communicate with society, customers, shareholders, employees, and other stakeholders through highly transparent disclosure of information in a way that reflects society’s expectations, requests, and opinions in our corporate management

Promotional System for Sustainability

The policies and planning for the sustainability activities of the Mitsubishi Electric Group are decided by the Sustainability Committee, which is chaired by the Chief Strategy Officer (CSO), the Executive Officer in charge of corporate planning and sustainability, and appointed by Mitsubishi Electric’s Executive Officers meeting. The Sustainability Committee comprises of the heads of Mitsubishi Electric’s corporate divisions and corporate strategic planning divisions (as of April 1, 2023, there are 34 members in charge of environmental, social, and governance aspects from divisions such as Corporate Strategic Planning and Corporate Human Resources). Based on the materiality, the Committee discusses monitoring the results of activities, decisions on future activity plans, and responses to law amendments, and promoting initiatives from a perspective that spans the entire Mitsubishi Electric Group. In addition, the corporate divisions are responsible for the promotion of specific initiatives such as ethics and legal compliance, quality assurance and improvement, environmental protection activities, social contribution activities, and stakeholder communication.

The Sustainability Planning Division provides the secretariat for the Sustainability Committee. We have established the Sustainability Planning Division under the direct control of the President as the core organization responsible for this task from fiscal 2024 in order to realize sustainability.

The Sustainability Committee generally holds meetings at least three times a year, and the details on the discussion are reported to the senior executives at the Executive Officers' Meeting. From fiscal 2022, the details on the discussion are also reported to the Board of Directors. The Board of Directors regards the statuses of sustainability initiatives as one of the “key agenda items” for the Mitsubishi Electric Group (medium- and long-term management plan, organizational culture reform, sustainability initiatives, and human capital strategy from July 2022 to June 2023), and it holds full discussions from the perspective of risk management and profit-generating opportunities, receiving diverse opinions from independent outside directors, as well as supervising the status of initiatives by Executive Officers.

The promotion of sustainability initiatives is one of the compensation indicators for Executive Officers, and the achievement of performance indicators in non-financial areas such as sustainability and ESG-related areas is reflected in incentive compensation.

In order to deal with sustainability challenges that involve multiple divisions in a cross-sectional manner, we also have established “Subcommittees” as permanent meetings and “Projects” as temporary meetings under the Sustainability Committee. The two subcommittees, the “Carbon Neutrality Subcommittee” and the “Human Rights Subcommittee,” promote initiatives in response to legal and social requirements. In addition, we have established the “Integrated Report/Legal Disclosure Working Group” and “TCFD Working Group” to consider the clarification of individual categories of activities and the roles of participating divisions, information disclosure in accordance with norms, and other matters. Subcommittees and projects are led by the relevant corporate division, and the progress of these subcommittees’ initiatives is confirmed at each Sustainability Committee meeting.

Further, to share and execute the policies and plans established by the Sustainability Committee, we have established the “Sustainability Communication Meeting” aimed at collaboration between internal divisions and affiliates in Japan and overseas.
Key Feedback from the Board of Directors

Regarding the agenda items related to the impact of climate change, "Initiatives to carbon neutrality" and "Response to the TCFD" were discussed at the Sustainability Committee meetings in April and October 2022 and January and April 2023.

In response, the Board of Directors has provided feedback to the Executive Officer Responsible for Sustainability, including the following points:

・ Society expects the Mitsubishi Electric Group to "realize a sustainable global environment" as well as "a safe, secure, and comfortable society." We must also demonstrate our strength in these areas, and it is necessary to promote initiatives with carbon neutrality at their core.

・ More and more companies are being criticized for "greenwashing" (pretending to contribute to the environment). There is a need for accurate communication of the facts.

TCFD Working Group

During fiscal 2023, the TCFD Working Group was established under the auspices of the Sustainability Committee with the aim of stepping up efforts to address risks and opportunities associated with climate change, both in terms of "risk management in response to long-term social and environmental changes" and "communication with stakeholders."

As a point of reinforcement, the project considered the financial impact assessment based on scenario analysis and the global environmental risks management in the risk management of the Mitsubishi Electric Group.

Considering the financial impact assessment based on scenario analysis

We have identified and extracted the corporate divisions that are considered to be relatively highly sensitive to the impacts of climate change by examining the following documents and records as well as assessing them from a bird's-eye view: external assessments (ESG investment guidelines, various climate-related initiatives, etc.) of the magnitude and sensitivity of the effects that climate change has on industries; greenhouse gas emission amounts by division; and the business portfolio of each corporate division. We next estimated the financial impacts on our current business plans over the long-term in an uncertain future year based on the assumption of scenarios in which climate change is below 2°C and in which climate change is 4°C. We then verified the resilience of these businesses and examined the degree of impacts on the Mitsubishi Electric Group's overall business as well as the accuracy and validity of the information disclosed. In fiscal 2024, with the aim of conducting a financial impact assessment of the Mitsubishi Electric Group as a whole and disclosing the results in fiscal 2025, we will continue this study and expand it into a consistent analysis of all corporate divisions.

Examination of global environmental risk management in the risk management of the Mitsubishi Electric Group

With regard to risk management, we have established a risk management framework for the Mitsubishi Electric Group, positioned global environmental risks including climate change within this framework, and improved management processes for risks related to the global environment. In fiscal 2024, we aim to further contribute to the global environment by deepening and clarifying the identification, assessment, and management of risks and opportunities related to climate change.
Climate Change Risks and Opportunities in the Short, Mid-to-Long Term

The Mitsubishi Electric Group has identified climate-related risks and opportunities.

Table 1 Examples of Climate-related Risks and Initiatives by the Mitsubishi Electric Group

<table>
<thead>
<tr>
<th>Risks</th>
<th>Examples of the Group’s Initiatives</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Transition Risks</strong></td>
<td></td>
</tr>
<tr>
<td>Policy and Legal Risks (Short-to-Long Term)</td>
<td>• Reduction of GHG(^1) emissions through promotion of environmental plans and setting and taking initiative on SBT(^2)</td>
</tr>
<tr>
<td></td>
<td>• Promotion of environmentally conscious design (global warming, resource conservation, recyclability, hazardous substances, packaging)</td>
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<tr>
<td></td>
<td>• Capital investment related to environmental activities, including energy saving and global warming countermeasures</td>
</tr>
<tr>
<td></td>
<td>• Implementation of supply chain management (formulation and implementation of green procurement standards)</td>
</tr>
<tr>
<td></td>
<td>• Reporting of Scope 1, 2 and 3 emissions and implementation of third-party certification</td>
</tr>
<tr>
<td></td>
<td>• Acquisition and maintenance of ISO 14001 certification</td>
</tr>
<tr>
<td></td>
<td>• Confirmation of legal compliance through environmental audits</td>
</tr>
<tr>
<td></td>
<td>• Disclosure of initiatives related to climate change and other environmental issues</td>
</tr>
<tr>
<td><strong>Technology Risks (Mid-to-Long Term)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Development of new technologies through R&amp;D investment</td>
</tr>
<tr>
<td></td>
<td>• Implementation of intellectual property activities</td>
</tr>
<tr>
<td></td>
<td>• Mobile capital investment mainly in key growth businesses</td>
</tr>
<tr>
<td></td>
<td>• Capital investment related to environmental activities, including energy saving and global warming countermeasures</td>
</tr>
<tr>
<td><strong>Market Risks (Mid-to-Long Term)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Promotion of environmentally conscious design</td>
</tr>
<tr>
<td></td>
<td>• Changes in consumer behavior</td>
</tr>
<tr>
<td></td>
<td>• Uncertainty in market signals</td>
</tr>
<tr>
<td></td>
<td>• Rise in raw material costs</td>
</tr>
<tr>
<td><strong>Reputation Risks</strong></td>
<td></td>
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<tr>
<td>Increase in concern among stakeholders, or negative feedback from them</td>
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<tr>
<td><strong>Acute Risks (Short-to-Long Term)</strong></td>
<td></td>
</tr>
<tr>
<td>Increased severity of extreme weather such as cyclones and floods</td>
<td></td>
</tr>
<tr>
<td><strong>Chronic Risks (Mid-to-Long Term)</strong></td>
<td></td>
</tr>
<tr>
<td>Changes in precipitation patterns and extreme variations in weather patterns</td>
<td></td>
</tr>
</tbody>
</table>

1. *Greenhouse gas*  
2. *Science Based Targets*  
3. *Business continuity plan*

Table 2 Examples of Climate change-related Opportunities and Initiatives by the Mitsubishi Electric Group

<table>
<thead>
<tr>
<th>Social Challenges (Opportunities)</th>
<th>Examples of the Group’s Initiatives</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Resource Efficiency</strong></td>
<td>• Development of products suitable for resource conservation, such as thinner materials and smaller tubes</td>
</tr>
<tr>
<td></td>
<td>• Promotion of plastic recycling</td>
</tr>
<tr>
<td></td>
<td>• Verification of plastic sorting technology in collaboration with other companies, joining the alliance “CLOWA”(^3)</td>
</tr>
<tr>
<td></td>
<td>• Energy conservation and reduction of operation costs for buildings as a whole through ZEB (Zero Energy Building), etc.</td>
</tr>
<tr>
<td></td>
<td>• Development of Ville-feuille(^4) and other linked control technologies for mobility and building equipment</td>
</tr>
<tr>
<td></td>
<td>• Provision of systems for water distribution management, water storage and discharge through dam management, and water intake management for agricultural water use</td>
</tr>
<tr>
<td></td>
<td>• Promotion of reclaimed water use</td>
</tr>
<tr>
<td></td>
<td>• Strengthening of products and solutions that support e-F@ctory(^5)</td>
</tr>
<tr>
<td></td>
<td>• Promotion of a modal shift</td>
</tr>
<tr>
<td></td>
<td>• Localization of production and sales bases</td>
</tr>
<tr>
<td><strong>Energy Source</strong></td>
<td>• Effective use of electricity and response to needs for system stabilization accompanying the expansion of renewable energy and decentralization of power sources</td>
</tr>
<tr>
<td></td>
<td>• Large energy storage systems</td>
</tr>
<tr>
<td></td>
<td>• VSC-based high-voltage direct current systems “HVDC-Diamond”(^6)</td>
</tr>
<tr>
<td></td>
<td>• Smart medium voltage DC distribution network system “S-ViaLine”(^7)</td>
</tr>
<tr>
<td></td>
<td>• Distributed power supply system/VPP system</td>
</tr>
<tr>
<td></td>
<td>• Multi-region digital power supply system (multi-region EMS)(^8)</td>
</tr>
<tr>
<td></td>
<td>• Heat pump technology(^9)</td>
</tr>
<tr>
<td><strong>Products and Services</strong></td>
<td>• Development of energy-saving products optimized for local climate conditions and needs</td>
</tr>
<tr>
<td></td>
<td>• Development of innovative new products such as the Miosla,(^10) a lighting fixture that imitates a deep blue sky and natural light in indoor spaces</td>
</tr>
<tr>
<td></td>
<td>• Development for further improving energy efficiency of railway vehicles and Railway IAMS on INFOPRISM(^11), a solution for streamlining maintenance</td>
</tr>
<tr>
<td></td>
<td>• Demonstration of ZEB-related technologies, including the construction of demonstration facilities</td>
</tr>
<tr>
<td></td>
<td>• Development and supply of the EcoMBR(^12) filtration membrane cleaning system for water treatment</td>
</tr>
<tr>
<td></td>
<td>• Provision of smart meters</td>
</tr>
<tr>
<td></td>
<td>• Development and supply of energy conservation equipment that facilitates the measurement of energy consumption and the collection and analysis of energy consumption data</td>
</tr>
<tr>
<td></td>
<td>• Global supply of high-efficiency equipment, including electric power train systems</td>
</tr>
<tr>
<td></td>
<td>• Development and supply of low-loss SIC devices</td>
</tr>
<tr>
<td></td>
<td>• Centralized GHG emissions data management solution “cocono”(^13)</td>
</tr>
<tr>
<td></td>
<td>• Localization of production and sales sites</td>
</tr>
<tr>
<td></td>
<td>• Balanced promotion of short-, medium- and long-term research and development</td>
</tr>
<tr>
<td><strong>Resilience</strong></td>
<td>• Effective use of electricity and response to needs for system stabilization accompanying the expansion of renewable energy and decentralization of power sources</td>
</tr>
<tr>
<td></td>
<td>• Contribution to preventing global warming by using observation satellites, strengthening the monitoring of meteorological phenomena and the global environment, understanding of disaster situations, and promoting disaster prevention(^14)</td>
</tr>
<tr>
<td></td>
<td>• Meteorological radar systems</td>
</tr>
<tr>
<td></td>
<td>• Field Edge(^15) image-based water level measurement device</td>
</tr>
<tr>
<td></td>
<td>• Provision of BCP solutions, such as data centers, teleworking, and video conferencing services</td>
</tr>
</tbody>
</table>

1. *Contribution to solving the Marine Plastic Waste Problems “Joining CLOWA”* |
2. *“Miosla” blue sky lighting* |
3. *“Ville-feuille”* |
4. *Introduction of e-F@ctory* |
5. *“S-ViaLine”* |
6. *“HVDC-Diamond”* |
7. *“S-ViaLine”* |
8. *Techno geree* |
9. *“Heat pump technology”* |
10. *Global supply of high-efficiency equipment, including electric power train systems* |
11. *Local Power Supply System (LPS)* |
12. *EcoMBR* |
13. *“cocono”* |
14. *“Field Edge”* |
15. *“Miosla” blue sky lighting*
Promotion of carbon neutrality
The Mitsubishi Electric Group is working to achieve carbon neutrality from the aspects of responsibility and contribution. While continuing and growing our business, we aim to achieve net zero greenhouse gas emissions from our own operations and to achieve carbon neutrality throughout our value chain by 2050. In May 2022, we announced an interim target of "reducing our own emissions to 50% of the fiscal 2014 level by fiscal 2031." and in May 2023, we changed the interim target to "aiming for net zero greenhouse gas emissions from factories and offices by fiscal 2031" to proactively join in the international trend to limit the increase in global average temperature to 1.5°C or less. In Japan, we also participate in the GX League, a collaboration between industry, government, academia, and private citizens to achieve carbon neutrality by 2050, which is led by the Ministry of Economy, Trade and Industry (METI).

We will apply our internal initiatives to our business and return the positive impacts on the Mitsubishi Electric Group resulting from progress made in these initiatives throughout society to our business. In this way, we will work to achieve carbon neutrality by mutually reinforcing each other's efforts.

Responsibility: Carbon neutral initiatives in the entire value chain
The Mitsubishi Electric Group has set out to achieve net zero greenhouse gas emissions in the entire value chain by 2050. As initiatives to reduce such emissions at factories and offices, we aim to achieve net zero greenhouse gas emissions from factories and offices by fiscal 2031 by (1) reducing emissions through energy conservation, electrification, and non-energy use; (2) expanding in-house power generation using solar power, etc.; (3) procuring electricity from renewable energy sources and non-fossil certificates, etc.; and (4) procuring credits, etc.

Contribution: Create/expand businesses that contribute to carbon neutral
To make society as a whole carbon neutral, we have established a development roadmap up to 2050 and will accelerate R&D in three innovation areas: Green by Electronics, Green by Digital, and Green by Circular.

As an example of our efforts, we have established the Mitsubishi Electric Energy & Carbon Management Collaborative Research Center with Tokyo Institute of Technology to promote research and development of energy and carbon management technologies, including environmental value trading of electricity, heat, and chemical substances as well as carbon recycling technologies.

Roadmap for reducing emissions from factories and offices

Development roadmap for achieving carbon neutral

CCUS (Carbon dioxide Capture, Utilization and Storage), HVDC (High Voltage Direct Current), EMG (Energy Management System), ZEB (Net Zero Energy Building), GWP (Global Warming Potential)
Scenario-based Analysis and Resilience

The corporate activities of the Mitsubishi Electric Group are assessed through scenario analysis based on IPCC* representative concentration pathway scenarios. The assessment is made based on two scenarios: a scenario that shows the state of transition (social trend) when keeping the global average temperature rise to below 2°C compared to pre-industrial levels (the 2°C scenario), and a scenario in which the temperature rises nearly 4°C as a result of continuing with conventional global warming countermeasures (the 4°C scenario).

The scenario analysis forecasts up to 2050 with periods classified as shown below.
- Long-term: Period through 2050 (final year of Environmental Sustainability Vision 2050)
- Medium-term: Period through 2030
- Short-term: Period through 2025

Risks related to climate change and the Mitsubishi Electric Group’s initiatives

Climate-related risks can be broadly divided into risks associated with the transition to a decarbonized society (transition risks) and risks associated with the physical impacts of global warming (physical risks). These risks can result in increased expenses (for production, internal administration, financing, etc.) and decreased revenues.

If the 2°C scenario progresses, social demand for reducing greenhouse gas emissions is expected to grow, raw material costs are expected to rise due to changes in the energy demand and supply balance, and the amount of generated power by renewable energy sources is expected to increase, in the transition to a decarbonized society. As a result of efforts to realize such a society, the likelihood of transition risks arising from the tightening of laws and regulations on greenhouse gas emissions and an increase in the burden of costs to prevent production problems in the supply chain, such as by purchasing from multiple companies and having our suppliers operate multiple production plants.

Examples of climate change-related opportunities and initiatives by the Mitsubishi Electric Group

As the 2°C or 4°C scenario progresses, social issues arising from climate change and the need to respond to them are expected to become more apparent.

For example, if the 2°C scenario progresses, it is predicted that the amount of power generated by renewable energy will increase. The Mitsubishi Electric Group is capable of contributing to addressing needs for effective use of electricity and system stabilization that stem from such expansion of renewable energy and the decentralization of power sources, by providing large energy storage systems, smart medium- and low-voltage direct current distribution network systems, distributed power source operation systems / virtual power plant (VPP) systems, and multi-region digital power delivery systems (multi-region EMS).

If the 4°C scenario progresses, frequent heavy rain and floods are expected. Using observation satellites, the Group is able to enhance the monitoring of meteorological phenomena and the global environment, understand disaster situations, and help prevent disasters.

The Mitsubishi Electric Group has a wide range of businesses. Our strength is our ability to provide a wide range of products, services, and solutions that contribute to solving social issues arising from climate change. We therefore believe that we have sustainable growth opportunities over the short to long term through our solutions to these social challenges as shown in Table 2 “Examples of Climate-related Opportunities and Initiatives by the Mitsubishi Electric Group.”

Resilience of Climate change-related Strategies

As a result of this assessment of the risks and opportunities associated with climate change and our efforts to address them, we believe that the Mitsubishi Electric Group is resilient to the risks associated with climate change and can achieve sustainable growth by resolving social issues caused by climate change under both the 2°C or 4°C scenarios.
Risk Management

Processes for addressing climate change-related risks and opportunities

The Mitsubishi Electric Group uses a business strategy decision-making process and a comprehensive risk management process to identify, assess, and manage risks and opportunities related to the global environment, including climate change.

Each of Mitsubishi Electric’s department (business groups, corporate divisions), and affiliated companies in Japan and overseas will identify climate change-related risks that are relevant to them, consider how to respond to such risks and turn them into opportunities, and proactively incorporate them into their business and divisional strategies. The CSO (Chief Strategy Officer) will also formulate an overall management strategy for the Mitsubishi Electric Group based on the formulated business and divisional strategies, the policies for seizing opportunities related to climate change, the return on investment of measures to achieve carbon neutrality, and the carbon costs estimated by ICP (Internal Carbon Pricing).

At the same time, as part of the Mitsubishi Electric Group’s comprehensive risk management, we will identify, assess, and properly manage issues that have significant impacts on management in various risk areas, including risk management related to climate change.

Mitsubishi Electric Group risk management system and positioning of global environmental risks

The Mitsubishi Electric Group’s global environmental and other risks, including risks related to climate change, are primarily managed by each corporate division of Mitsubishi Electric and its subsidiaries and affiliates in Japan and overseas. In addition, under the direction of the Chief Risk Management Officer (CRO), the corporate division (i.e., the division in charge of the risk) identifies, assesses, and manages risks based on its knowledge in each area of expertise.

Risks in each specialty area identified and assessed by the divisions in charge of such risks are consolidated by the Corporate Risk Management Division, and their impacts on group management are evaluated through relative comparisons among each risk, etc. The CRO determines their materiality, and all Executive Officers discuss the risks (comprehensive evaluation of risks/measures).

Risks comprehensively assessed through the above process are shared with relevant parties, including management. The Group considers global environmental risks, including climate change, to be highly material because they have significant impacts on the realization of a sustainable global environment, one of the Group’s materialities.

Management process for risks related to the global environment

Global environmental risks, including climate change, are identified, assessed, and managed by the Executive Officer in charge of Corporate Total Productivity Management & Environmental Programs and the Corporate Environmental Sustainability Department, the department in charge of risk, under the direction of the CRO, in accordance with the Mitsubishi Electric Group risk management system described above.

Based on the results of such comprehensive risk assessment, the Executive Officer in charge of Corporate Total Productivity Management & Environmental Programs and the Corporate Environmental Sustainability Department identify and assess risks by subdividing global environmental risks into smaller risks, taking into account legal trends, technological trends, market trends, external evaluations, and other factors. Based on the results, the Executive Officer and the Department formulate an environmental plan as a medium-term risk management measure and an environmental implementation plan as a one-year measure.

Each group organization (business groups, affiliated company, etc.) formulates its own annual environmental implementation plan based on these plans and reports the results to the Executive Officer in charge of Corporate Total Productivity Management & Environmental Programs and the Corporate Environmental Sustainability Department.

The Executive Officer in charge of Corporate Total Productivity Management & Environmental Programs and the Corporate Environmental Sustainability Department then review the results of the identifying and assessing of global environmental risks, taking into account the results of each organization and social trends, and in turn report the results to the Corporate Risk Management Division and, if necessary, revise the environmental plan and reflect the results in the environmental implementation plan for the following fiscal year.
Indicators and Targets

Calculating and Understanding Greenhouse Gas Emissions in the Value Chain
The Mitsubishi Electric Group calculates and tracks greenhouse gas emissions (Scope 1, 2 and 3) in its value chain. For calculation and assessment, we refer to the GHG Protocol and the Basic Guidelines on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain published by Japan’s Ministry of the Environment.

Long-Term Target
In our long-term environmental management vision up to 2050, the so-called Environmental Sustainability Vision 2050, the Mitsubishi Electric Group has set a target to reduce greenhouse gas emissions throughout the entire value chain to net-zero by 2050.

Mid-Term Targets
The Mitsubishi Electric Group has reviewed its Scope 1 and Scope 2 targets in order to strengthen its efforts towards reducing greenhouse gas emissions, and it has set a new target during fiscal 2024 of "Achieving net zero greenhouse gas emissions from factories and offices by fiscal 2031."

In addition, the following greenhouse gas emission reduction targets were approved by the Science Based Targets initiative in January 2020.
- Scope 1 and 2: Reduce greenhouse gas emissions by 18% by 2030 compared to fiscal 2017 levels
- Scope 3*: Reduce greenhouse gas emissions by 15% by 2030 compared to fiscal 2019 levels

* Scope 3 emissions cover Category 11 (Use of sold products)

Short-Term Targets
Since fiscal 1994, the Mitsubishi Electric Group has formulated an Environmental Plan every three years that sets out specific activity targets. We are presently pursuing various activities in line with the current Environmental Plan 2023 (fiscal 2022 to 2024) which sets out indicators and targets in four areas based on the action guidelines of the Environmental Sustainability Vision 2050, namely: “environmental contribution through products and services, “reducing the environmental impact of business activities,” “pursuing business innovations,” and “publicizing and sharing new values and lifestyles.”

For details, see "Environmental Plan 2023"  

Progress
Initiatives to achieve greenhouse gas emission reduction targets are making steady progress.

Scope 1 and 2 emissions*1 (Mitsubishi Electric Group)

Scope 3 emissions*2 (Mitsubishi Electric Group)

*1 Scope 2 is location based. The CO2 emission coefficient for electricity is calculated in reference to the following: Japan—the latest figures published by The Electric Power Council for a Low Carbon Society (ELCS); Overseas—the latest figures published by International Energy Agency. The global warming potential for greenhouse gases is calculated in reference to figures published in the IPCC Fifth Evaluation Report.

*2 The scope of third-party verification for Scope 3 emissions includes Category 11 (Use of sold products).

Third-party Verification
The Mitsubishi Electric Group has set targets for its greenhouse gas emissions (Scopes 1, 2 and 3) and amount of water intake and drainage. These targets have been verified by a third party in compliance with ISO 14064-3 to ensure reliability of the data.

* The scope of third-party verification for Scope 3 emissions includes Category 1 (Purchased goods and services), Category 6 (Business travel), Category 7 (Employee commuting), and Category 11 (Use of sold products).

For details, see "Third-party Verification Report (Environmental Disclosure of 5 items)"
The Structure of Our Environmental Management System

Scope of Environmental Management

The Mitsubishi Electric Group operates an ISO 14001:2015 compliant environmental management system that covers Mitsubishi Electric and its major affiliates.

Environmental Plan and Environmental Management Plan

The Mitsubishi Electric Group formulates an environmental plan every three years, comprised of measures and targets for realizing the Environmental Sustainability Vision.

To achieve the targets of this environmental plan, each management organization formulates and acts on a yearly environmental implementation plan.

(1) Formulation of a Fiscal Year Plan
(2) Formulation of an Environmental Management Plan
Based on environmental plans, objectives and action plans are determined for that fiscal year.

(3) Company-wide Environmental Managers’ Meeting
A meeting is held that is attended by all people who are responsible for promoting environmental practices. Information such as focus issues and policies is shared and confirmed.

(4) Confirmation of Progress and Achievements
Every six months, the Corporate Environmental Sustainability Department compiles environmental performance data and other relevant information, and reports them to the Executive Officer in charge of Corporate Total Productivity Management & Environmental Programs, who is responsible for environmental management. The Executive Officer then conducts a review and modifies environmental plans as necessary (e.g., when any significant change occurs in the business environment related to the Group).

(5) Reporting of Annual Environmental Results
The Corporate Environmental Sustainability Department compiles environmental performance data and other relevant information for the fiscal year to report to the Executive Officer in charge of Corporate Total Productivity Management & Environmental Programs.

(6) Management Review
The Executive Officer in charge of Corporate Total Productivity Management & Environmental Programs carries out the review of activity results and reconsiders environmental plans and/or the environmental implementation plan for the next fiscal year if necessary.

Our activity level is enhanced through the “formulation,” “implementation,” “verification of results,” and “review” of the plans throughout the fiscal year. In addition to this, audits and inspections on an “as needed” basis ensure that appropriate activities are carried out.

Sharing Information with Environmental Managers in Each Organization

Within the Mitsubishi Electric Group, in addition to the technology committees for different issues and meetings held by the people in charge of each organization, general meetings are held and attended by all people responsible for promoting the environmental practices for each division in Japan and overseas. The aims of such meetings include confirming key issues and unifying the approaches to these that the various divisions take, as well as sharing useful information such as “favorable case examples” of each other’s practices and “matters to watch out for” on a regular and continuous basis. Such meetings are useful for improving overall management levels.

The “Company-wide Environmental Managers’ Meeting” and the “Overseas Regional Environmental Meeting” are representative of this practice. The former brings together all environmental managers from across Japan. The latter is held in our four overseas regions (the Americas, Europe, China and the rest of Asia). In fiscal 2023, almost all of these meetings were held online to prevent the spread of COVID-19. In Europe, where restrictions were lifted ahead of other regions, we resumed in-person meetings during the latter half of the fiscal year.
Training of Environmental Personnel

Developing Personnel to Proactively Engage in Environmental Activities

The Mitsubishi Electric Group recognizes “nurturing human resources” as one of its key activities in accordance with the action guideline to “challenge to develop business innovations for future generations,” as set forth in the long-term environmental management vision, “Environmental Sustainability Vision 2050.”

We strive to foster a corporate culture in which each Mitsubishi Electric Group employee takes the initiative to create a new lifestyle in harmony with nature as an ordinary citizen. To this end, all employees participate in an annual e-learning program, “Mitsubishi Electric Group Environmental Management.” We also develop human resources who possess a high degree of expertise and who accept diverse values and proactively tackle environmental issues, on a continuous basis. Furthermore, in order to provide effective training, we employ various educational curricula in accordance with each employee’s role and expertise.

Environmental Education System

<table>
<thead>
<tr>
<th>Target</th>
<th>Lecture Name</th>
</tr>
</thead>
</table>
| Employees Having Environmental Responsibilities | - Environmental Management Representative Training  
- Environmental Section Manager Training  
- New Environmental Section Manager Training  
- MELCO Seminar Environmental Courses:  
  - Waste Management  
  - Energy Saving Law  
  - Chemical Substances Management  
  - Environmental Basic Guidance  
- Training for New Section Chiefs for All Companies |
| General Employees | - e-Learning for All Employees, Mitsubishi Electric Group Environmental Management  
- Training for Specific Ranks:  
  - Training for New Section Chiefs for All Companies  
  - Common Basic Training for New Employees  
- Environmental Course for Employees Dispatched Overseas:  
  - Initiatives to Live in Harmony with Nature and Foster Environmental Awareness  
  - Preserving Biodiversity at Business Sites  
  - Satoyama Woodland Preservation Project  
  - Mitsubishi Electric Outdoor Classroom  
- Outdoor Classroom Leader Development/Satoyama Preservation Projects, Mitsubishi Electric Outdoor Classroom Promotion Meetings |
| Lecture Name | |
| - Environmental Audits  
- ISO 14001  
- Introduction to Environmental Issues  
- Training Internal Auditors |

Preventing Environmental Incidents

Preventing Environmental Incidents through Information-Sharing and Equipment Inspections

Both within Japan and overseas, the Mitsubishi Electric Group strives to prevent environmental incidents, such as the leakage of substances that may result in water or soil pollution or have a negative impact upon the environment. Owing to its efforts, the Group received no administrative punishments or penalties for any environmental violation in fiscal 2023.

As preventive measures, Mitsubishi Electric ensures that its entire workforce is fully familiar with the relevant laws and regulations, revises company rules to reflect any updates to such laws and regulations, and ensures these updates are made known throughout the Group. In the case of a problem (e.g., minor oversight) occurring, Mitsubishi Electric shares the cause and countermeasures throughout the entire Group to prevent it from reoccurring. Aiming to increase the awareness of environmental risk management, the Mitsubishi Electric Group’s offices and factories across Japan take measures such as watching internal training videos that introduce examples of problems and the establishment and renewal of important laws, thereby firmly instilling environmental management issues across a wider range of occupational levels. In addition, periodic facilities inspections are carried out at all Group bases, the results of which are compiled into necessary measures from time to time and utilized.

Environmental audits are also conducted at major affiliated companies overseas in an effort to uncover and prevent environmental risks.

Responding to Soil and Groundwater Pollution

As stated in our internal rules, the Mitsubishi Electric Group’s business sites (works, laboratories, etc.) conduct environmental assessments such as when there is a change in land characteristics. These assessments are based on a survey method that complies with relevant laws and regulations, and the necessary countermeasures or solutions are implemented in accordance with the state of pollution.

In fiscal 2023, we assessed survey results and countermeasures regarding the condition of soil and groundwater due to land utilization for a total of eleven cases and have confirmed that all cases were handled appropriately.

Regarding areas that were recognized as having groundwater or soil pollution problems in the past, we purify the land using methods compliant with laws and regulations, and continue to regularly report the results of our monitoring to relevant government organizations.
Appropriate Storage and Processing of PCB Waste and Devices Containing PCBs

Mitsubishi Electric conducts inspections at all bases that store PCB waste (waste containing polychlorinated biphenyl) and/or handle devices containing PCBs at least once a year to confirm the status of PCB storage and usage.

In fiscal 2023, we completed disposal of waste having a high PCB concentration that had been stored by Mitsubishi Electric.

With respect to low-concentration PCB waste and devices containing PCBs, Mitsubishi Electric and its domestic affiliates disposed of 522 units (114.5 tons) and 41 units (45 tons) of devices respectively in fiscal 2023.

Customers can confirm whether or not an electrical device manufactured by a Mitsubishi Electric Group company contains PCB by referring to a list available on the corporate website.

ISO Certification

Mitsubishi Electric has obtained company-wide multi-site (collective) ISO 14001:2015 certification. This certification structure was chosen as part of our attempt to strengthen compliance by the company as a whole and to further strengthen our contribution to the environment through business operations based on our environmental plans.

Please refer to “ISO 14001 Certificate of Registration (Scope: Mitsubishi Electric Corporation)” for details of sites included in the multi-site certification. Among all Group companies required to report on their environmental management system, roughly 50% have acquired ISO 14001 certification.

Environmental Audits

The Mitsubishi Electric Group combines the multiple types of environmental auditing shown below in order to carry out checks from various perspectives. These audits are performed at each business site to confirm their compliance with laws and regulations, the operational status of the environmental management system, and the progress of environmental action plans.
Environmental Plan 2023

| Formulation Background and Concept |

Environmental Plan 2023 (FY2022–2024) is the first environmental plan formulated based on Environmental Sustainability Vision 2050. In order to achieve “carbon neutrality” and a “circular economy,” we will promote innovation in development and accelerate the reduction of our products’ environmental impact through their entire lifecycles. Since implementing this plan, we have also started to track progress towards the target effective utilization rate of plastic waste.

**Products**

Environmental activities starting from product development
Starting from fiscal 2022, we have been assessing the extent of reduction of the environmental impact of newly developed products (or improvement rates from previous models) over our entire product range, using indices specified for each product. We will centrally manage the energy consumption of each product and the environmental data of materials that are used as well as packaging materials, and apply the PDCA cycle to raise our level of environmentally conscious designs.

**Services**

Expansion of environmental solutions and services
We will make energy-saving proposals for systems using integrated solutions, strive to extend the service life of equipment through maintenance, and promote the modernization of elevators and escalators. We will also enhance our resource recycling solutions, including the reuse of air-conditioning piping, and further expand the “closed-loop recycling” of plastics.

**Business Activities**

Maintaining/improving measures to reduce the environmental impact of business activities
When constructing new buildings and introducing energy-saving equipment, we will ensure strict compliance with all relevant energy-efficiency guidelines. We will also continue to manage the reduction of energy usage by establishing targets to improve the operations of our facilities. Furthermore, we will strive to introduce renewable energy that is suited to each area, and strengthen our governance of waste.

The targets of Environmental Plan 2023 and the results of fiscal 2023 are as shown in the chart below. Steady progress is being made in reducing CO₂ emission from our products and from our plants and offices. Toward the realization of a circular economy, we will promote the effective utilization of plastics with an eye on achieving the FY2024 targets.

Note that the target for reducing CO₂ emission from our company has been changed from the initial target that had been established at the time of formulation of the plan to reflect the new fiscal 2031 target established in 2022.

**Targets for Environmental Plan 2023 and Fiscal 2023 Results**

<table>
<thead>
<tr>
<th>Activity</th>
<th>KPI</th>
<th>Target set in Environmental Plan 2023</th>
<th>Fiscal 2023 results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental contribution through products and services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expanding our contribution to CO₂ emission reduction with new products</td>
<td>Improvement rate of new products over previous models</td>
<td>1% or more in fiscal 2024</td>
<td>2.8%</td>
</tr>
<tr>
<td>Improving the usage rate of recycled plastics</td>
<td>Usage rate of recycled plastic (molding materials)</td>
<td>10% or more in fiscal 2024</td>
<td>8.1%</td>
</tr>
<tr>
<td>Reduction of the environmental impact of our business activities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reducing CO₂ emitted from our company</td>
<td>CO₂ emission (Scopes 1 and 2)</td>
<td>Reduction of 30% or more compared to fiscal 2014</td>
<td>27% reduction</td>
</tr>
<tr>
<td>Improving the effective usage rate of plastic waste</td>
<td>Effective usage rate of plastic waste (in Japan)</td>
<td>90% or more in fiscal 2024</td>
<td>92.5%</td>
</tr>
<tr>
<td>Using water effectively</td>
<td>Water consumption per unit of sales in high-risk sites</td>
<td>Reduction of 4% or more by fiscal 2024 compared to fiscal 2020</td>
<td>16% reduction</td>
</tr>
<tr>
<td>Publicizing and sharing new values and lifestyles</td>
<td>Number of areas where activities are held</td>
<td>39 areas</td>
<td>38 areas</td>
</tr>
</tbody>
</table>

We have set indexes and targets in order to measure the progress of product improvement initiatives undertaken by the Mitsubishi Electric Group as a whole and by our business sites. With respect to items that may require creative efforts by each business site, we will encourage participation from all business sites and employees, without setting across-the-board targets.


**Measures Regarding “Environmental Contribution through Products and Services” and “Pursuing Business Innovations”**

Making Our Environmental Contribution Visible and Setting Targets

We will make our environmental contribution visible and set targets by following the below procedure. In doing so, we aim to instill in our employees awareness of environmentally friendly design, particularly among our designers, and to strengthen this awareness.

1. Define the operating conditions and evaluation items* for carrying out an environmental performance evaluation of each product group (including systems and solutions).
2. Centrally manage the environmental performance of products using an electronic system. This will facilitate the collection and analysis of data.
3. Set targets for each product group and assess their achievement at the development and design stages (during design reviews).

Further improvements will be made based on the results of the above.

* Global warming countermeasures and resource-saving efforts are mandatory evaluation items. Other than these, appropriate items are selected for each product group from recyclability, volume of chemical substances used, and weight of packaging materials used.

**Examples of Environmental Performance Evaluation Items**

<table>
<thead>
<tr>
<th>Classification</th>
<th>Evaluation item</th>
</tr>
</thead>
</table>
| (1) Global warming (mandatory) | • Contribution to reducing greenhouse gas emissions  
|                              | • Power consumption during operation                             |
| (2) Resource saving (mandatory) | • Amount of recycled plastics used  
|                              | • Weight of product/ component                                    |
| (3) Recyclability             | • Number of components  
|                              | • Standardization of materials                                    |
|                              | • Non-use of flame retardants                                     |
| (4) Chemical substances       | • Improvement of ease of disassembly                              |
|                              | • Material labeling                                               |
|                              | • Reduction of instruction manuals                                 |
| (5) Packaging materials       | • Reduction of substances of concern contained in products        |
|                              | • Packaging materials (plastics, etc.)                            |
|                              | • Weight and volume of packaging materials                         |

Expansion of Recycled Plastic Use

In order to expand the use of recycled plastics, we will promote the development and trial production of products using recycled plastics at relevant business sites.

**Measures Regarding “Initiatives to Reduce Environmental Impact of Business Activities”**

Setting CO₂ Emission Targets in Annual Plans and Formulating Measures

Business groups in charge of production works formulate CO₂ emission reduction plans and measures as part of their annual business plans. Based on these plans, they strive to reduce their CO₂ emissions.

Thorough Efforts to Improve Energy Efficiency in Buildings and Facilities

We strictly observe the Building Energy-saving Guidelines when planning the construction of new buildings or the refurbishment of existing structures, and the Production Facilities Energy-saving Guidelines when introducing new production facilities at our factories.

Expanding the Introduction of Renewable Energy

We will expand the introduction of renewable energy using the following two approaches.

1. Examine the best means for each region, including the installation of solar power generation systems, examination of other renewable energy sources, and utilization of the green electricity certificate, and identify issues.
2. Examine how to effectively utilize any surplus electricity from solar power generation, including the use of self-consignment systems.

Effective Utilization of Plastic Waste

We will aim to achieve a 100% effective usage rate of used plastics by 2035. Toward this end, we will promote the visibility of waste sources and the quantitative management of plastic waste by setting target values. We will also survey and share information about recycling contractors possessing the required technologies.

**Measures Regarding “Publicizing and Sharing New Values/Lifestyles”**

We will further enhance our interaction with and contribution to local communities by holding the Satoyama Woodland Preservation Project and the Mitsubishi Electric Outdoor Classrooms in an integrated manner. We will also focus on environmental activities such as the cleaning of local areas, which will also help to spread information about plastic pollution in the world’s seas and oceans. The outcomes of our initiatives in Japan and overseas will be published as and when needed, and the Group’s contribution to environmental improvement will be made visible.

From the perspective of proposing new lifestyles, we will begin our efforts from within the Group, such as by making active use of remote working to save energy and optimize work-life balance, and encouraging the use of reusable cups/bottles to establish the habit of being environmentally conscious in all aspects of everyday life. By having each employee practice an environmentally conscious lifestyle, we hope to eventually spread these activities to local communities.
Implementation of Environmentally Conscious Design

Utilization of a product environmental information collection system

To ensure proper disclosure of product environmental information to outside the company and to respond to environmental laws and regulations in each country, a product environmental information collection system (e-Pro System) has been established that centrally manages such data as CO2 emissions from product use and the environmental data of raw materials and packaging materials, among others. This system conforms to customer requirements to provide product data. It also contributes to promoting eco-conscious design, by enabling environmental assessment and LCA* to be implemented within the e-Pro system and fed back to design departments.

Additionally, to strengthen product designs that respond to social needs for decarbonization, an eco-design subcommittee engages in internal activities for sharing best practices and other information on laws, regulations, and eco-conscious designs in each country. It also examines the validity of LCA calculations and examines product assessment items.

* LCA: Life Cycle Assessment. Quantitative assessment of the environmental load generated from throughout the life cycle of products and services.

Utilization of product environmental data based on the product environmental information collection system (e-Pro System)

Resource recycling initiatives

To contribute to the circular economy, we promote resource recycling initiatives through product design for environment. Under the Environmental Plan 2023, we promote such initiatives mainly for plastic materials, which have a high environmental impact.

Evaluating improvements in the usage rate of recycled plastics

For plastic parts to be used in products, we can effectively utilize resources and help reduce environmental impacts by increasing the use of recycled plastics and by reducing plastic use.

Under the Environmental Plan 2023, we use the following new indexes to evaluate the usage rate of recycled plastics and to promote resource recycling initiatives.

\[
\text{Usage rate of recycled plastics (\%) = } \left( \frac{\text{Procurement volume of recycled plastics}^*}{\text{Procurement volume of plastics}^*} \right) \times 100
\]

* Procurement volume at main sites
 Targets and achievements of our efforts to improve the usage rate of recycled plastics

Under the Environmental Plan 2023, we are working to improve the usage rate of recycled plastics by 10% or more by fiscal 2024.

In fiscal 2023, the usage rate of recycled plastics reached 8.1%, which fell short of the target for fiscal 2024. However, we are promoting the use of recycled plastics in a variety of products, including vacuum cleaners and heat pump cooling and heating systems, and we will continue to expand our initiatives.

We are also working to reduce plastic use and promoting initiatives for a variety of products, including heat pump electric water heaters and general-purpose motors.

We will continue to contribute to society by striving to increase the use of recycled plastics and reducing plastic use.

Research and Development of Products and Technologies to Solve Environmental Issues

Example: Development and Operation of ZEB for Net-Zero Energy Consumption

In October 2020, Mitsubishi Electric completed the construction of a net-zero energy building test facility, SUSTIE, on the premises of the Information Technology R&D Center (Kamakura City, Kanagawa Prefecture). This new facility conducts research and development aimed toward the further spread of ZEBs*. Looking ahead to the future of ZEB, we are working to realize Mitsubishi Electric’s original ZEB+® (zeb plus)™ concept and to enhance the functionality of buildings, for example by increasing the efficiency of working environments.

SUSTIE received the highest rating, five stars, and ZEB™ under the BELS™ energy-saving certification; the highest rank of S from the CASBEE Wellness Office™, which is a certification of health and comfort; and the highest platinum rank of the WELL Building Standard® (the “WELL certification”), an international certification program to evaluate building environments. This makes SUSTIE the first in Japan to receive the highest ranks from each of BELS, the CASBEE Wellness Office, and the WELL certificate®.

*1 ZEB: Net-Zero Energy Building
*2 ZEB+: Mitsubishi Electric’s unique initiative that aims to enhance building functionality by adding such values as productivity, comfort, convenience, and business continuity to ZEB, and managing a building throughout its lifecycle.
*4 ZEB: The highest rank of the BELS certification system.
*5 Tools for evaluating the office parts of buildings with respect to how healthy they are for their users, building specifications that help maintain and promote comfort, their performance, and initiatives.
*6 As of July 29, 2022, according to internal research.

Learn more about SUSTIE on our website.

☞ SUSTIE (ZEB test facility)
☞ ZEB test facility SUSTIE achieves platinum level WELL certification
Example  Synchronous Reluctance Motor system for railway vehicles successfully saves energy for the first time in the world

Mitsubishi Electric collaborated with Tokyo Metro Co., Ltd. to install the synchronous reluctance motor (SynRM) with high energy-saving performance and the synchronous reluctance motor system (SynTRACS®)* composed of inverters to control the motor on the model 13000 vehicles of the Hibiya Line on a trial basis in order to carry out a long-term evaluation test of energy consumption during commercial operation, etc., confirming that they can save approximately 18% more energy than the induction motor system.

The SynRM runs on the reluctance torque generated by the interaction between the stator’s magnetic field and the magnetic poles created by the difference in magnetic resistance in the rotor iron core. Compared to the induction motors widely used in railway vehicles, these motors feature lower rotor heat loss as well as superior efficiency and mass characteristics.

This quantitative confirmation through commercial operation of the energy-saving effects of a SynRM for railway vehicles is a world first.

* SynTRACS is a trademark of Mitsubishi Electric Corporation.

Evaluating the Status of Environmental Initiatives by Our Suppliers

The Green Accreditation System Is Introduced in Consideration of Biodiversity and Environmental Risk

In April 2006, the Mitsubishi Electric Group introduced a Green Accreditation System based on the Green Procurement Standards Guide established in September 2000 and revised in July 2020. Under the system, suppliers in and outside of Japan are evaluated with respect to their status of acquisition of environmental management system accreditation, compliance with statutory and regulatory requirements, management of chemical substances contained in products, and biodiversity initiatives, and suppliers that meet the Company’s criteria and standards are certified. With regard to suppliers who do not meet the Company’s criteria and standards, efforts are made to minimize environmental risks by engaging them in discussion and providing guidance for improvement as necessary so they can make relevant corrections. New suppliers are also asked to comply with the Green Procurement Standards Guide before commencing transactions.

Major suppliers accounting for the top 80% of total purchase amount are evaluated once every three years to renew their accreditation. In fiscal 2023, approximately 400 companies (including offices) were evaluated. 87% of them acquired and/or renewed their Green Accreditation, but 46 companies that were not up to standard were subject to guidance and improvement requests from Mitsubishi Electric.
Reducing CO₂ from Plants and Offices

| Targets and Achievements |

The Mitsubishi Electric Group is working to realize Environmental Sustainability Vision 2050 by promoting activities to reduce the emission of greenhouse gases (CO₂, SF₆, HFCs, PFCs originating from energy) from plants and offices.

Under the Environmental Plan 2023 (FY2022–2024), we aim to reduce greenhouse gas emissions by more than 30% by fiscal 2024 compared to fiscal 2014. Toward achieving this target, we will step up our efforts to thoroughly save energy in our plants and offices and to expand the use of renewable energy.

Since we included small offices overseas, etc. in the calculations for fiscal 2022, CO₂ emissions increased compared to fiscal 2021, but the greenhouse gas emissions for fiscal 2023 decreased to a CO₂-equivalent of 1.05 million tons. In fiscal 2023, we accelerated our initiatives to deploy photovoltaic equipment and to procure renewable energy as well as to reduce CO₂ emissions originating from energy by deploying high-efficiency devices and to reduce non-CO₂ greenhouse gas emissions by switching to gases with a lower GWP.

In addition to establishing and operating energy-saving guidelines for buildings and production facilities, and promoting thorough energy saving in plants and offices, Mitsubishi Electric is also placing a focus on utilizing renewable energy. Going forward, we will flesh out further details of the road map for greenhouse gas reduction and promote measures for even greater reduction, toward the steady achievement of our targets.

Initiatives to Reduce CO₂ Originating from Energy and Their Results

Toward reducing CO₂ originating from energy, we systematically introduce and update high-efficiency and energy-saving equipment, improve operations, and extend energy conservation measures to production lines. In fiscal 2023, these and other energy conservation-saving measures reduced emissions by 18 kt, which, together with a reduction of 102 kt through the use of renewable energy and other measures, resulted in a reduction of 120 kt compared to the previous year.

Half of the major achievements were realized through the introduction of high-efficiency machinery, while activities to develop energy-efficient technologies implemented by an internal technical committee also produced solid results. These activities also focus on visualizing and reducing the wasteful use of utilities and production equipment during nonoperational hours.

In the classification system (SABC assessment) based on Japan’s Energy Savings Law, 6 out of 19 specific Group companies in Japan, including Mitsubishi Electric, have been recognized as excellent business operators (S Class) in terms of energy conservation.

Initiatives to Reduce SF₆, HFCs and PFCs, and the Results

Three types of non-CO₂ greenhouse gases are emitted by the Mitsubishi Electric Group in its business activities: SF₆ (sulfur hexafluoride), HFCs (hydrofluorocarbons), and PFCs (Perfluorocarbons). SF₆ is used inside gas-insulated switchgear for electrical insulation, as well as in the etching process during semiconductor and liquid-crystal display production.

HFCs are used as refrigerants in air conditioners and refrigerators, while PFCs are used during the etching process in production of semiconductors and liquid-crystal displays.

In fiscal 2023, emissions were reduced by 93 kt due to the switch to lower GWP refrigerants, operational improvements and continued gas recovery and capture, but emissions were 140 kt, partly due to the impact of increased production.

CO₂ emissions from plants and offices (Mitsubishi Electric Group)
Adoption of renewable energy

The Mitsubishi Electric Group utilizes renewable energy at 103 business sites. In addition, as of fiscal 2023, we had completed our transition to 100% renewable energy for the power used at offices and plants (manufacturing facilities) at 19 business sites (9 in Japan (Mitsubishi Electric: 7, affiliates: 2), 10 overseas).

Case Example  Net-zero greenhouse gas emission achieved by Mitsubishi Electric Automation Manufacturing (Changshu) Co., Ltd.

In China, the manufacturing industry accounts for roughly 70% of total power consumption, befitting its moniker as “the world’s factory.” In recent years, however, it has begun promoting decarbonization of the manufacturing industry as a national policy, based on a declaration to “achieve carbon neutrality (net-zero CO2 emission) by 2060.”

Mitsubishi Electric Automation Manufacturing (Changshu) Co., Ltd. (MEAMC), which operates in China, has also been directing its efforts to save energy and reduce CO2, taking advantage of the Mitsubishi Electric Group’s environmental solutions such as the E-JIT* System. It has also introduced renewable energy, purchased renewable energy certificates, and achieved net-zero greenhouse gas emissions in June 2021 as the first plant to do so within the Group.

Monitoring and analysis of power consumption status

Case Example  Helping Customers to Reduce CO2 emissions using the energy-saving analysis & diagnosis application EcoAdviser

The Mitsubishi Electric Group offers an application called EcoAdviser to contribute to saving energy in entire plants. EcoAdviser comprehensively supports customers engage in continuous energy saving activities by visualizing the status of power usage by each production facility and automatically analyzing energy loss and its causes via AI.

Mitsubishi Electric Fukuyama Works has achieved an annual energy savings of roughly 10% with certain facilities by using this application. Moreover, the time required for data analysis and for identifying causes of energy loss has been reduced by approximately 90% compared to conventional methods.
Effective Usage of Plastic Waste

In Environmental Plan 2023 that has been newly launched in fiscal 2022, we have set forth a target of achieving effective plastic utilization rates of 90% or more in Japan by fiscal 2024. This target is based on the Ocean Plastics Charter that was adopted at the G7 Summit and the Resource Circulation Strategy for Plastics formulated by the Ministry of the Environment. It also conforms to the Act on Promotion of Resource Circulation for Plastics that went into force in April 2022.

Target values have been individually established for each site according to their actual (average) effective utilization rates from fiscal 2018 to 2020, instead of applying uniform targets across all sites.

Status of initiatives by the Mitsubishi Electric Group (in Japan)

Toward improving the effective utilization rate of plastic waste, we conducted a survey of the present state of plastic waste at our business sites in fiscal 2022, and we are considering ways to enforce proper sorting and to conduct a review of plastic recycling companies.

In fiscal 2023, 270,000 tons of plastic waste were generated, which was 9.5% more than the previous year, but the effective utilization rate of plastic waste in Japan reached 92.5%, achieving the target for fiscal 2024.

Going forward, we will endeavor to further control plastic waste output by promoting sharing of information on recycling companies among our business sites and visualization of plastic waste. We will also strive to increase the ratio of material recycling for plastics, etc.

Status of initiatives by the Mitsubishi Electric Group (overseas)

Overseas laws, regulations, and waste treatment situations vary according to country and region. Therefore, we plan to address the plastic waste issue overseas by assessing the actual state of plastic waste and the status of material and chemical recycling. Then we will establish targets suitable for each region’s situation and work toward achieving them.

Specification, Disposal and Transportation of Hazardous Wastes

The Mitsubishi Electric Group specifies hazardous wastes as follows, monitors their output and appropriately disposes of them in compliance with the laws and regulations of the regions in which our facilities are located. We also carry out material recycling and thermal recycling where we can in order to reduce final disposal (landfill) volume.

- Mitsubishi Electric and affiliates in Japan: “Specially-controlled industrial wastes” specified by the Japanese Waste Disposal Law
- Overseas affiliates: Hazardous wastes defined by local laws and regulations

Wastes containing polychlorinated biphenyl (PCB) are managed separately based on the “Law concerning Special Measures for Promotion of Proper Treatment of PCB Wastes, PCB Special Measures.”

In fiscal 2023, total hazardous waste emissions of Mitsubishi Electric Group companies in Japan amounted to 1,445 tons, of which 436 tons were recycled. That of overseas affiliates totaled 5,192 tons, of which 3,251 tons were recycled.
Reducing Water Usage

Managing Water Risk

Water risk is increasing worldwide with ever-more serious water shortages and pollution, as well as abnormal weather caused by climate change. This also affects the production of both raw materials and products, making corporate water risk management more important.

Water risk within the Mitsubishi Electric Group is evaluated as part of our corporate risk management framework. The evaluation factors in the influence on stakeholders, as well as the impact on ecosystems. We use the results of this assessment to prioritize countermeasures for each business site and take clear action. We also take measures to minimize any impact on the surrounding environment, such as by ensuring compliance with wastewater standards in each region. Furthermore, during product development, we evaluate product impact on water sources and their lifecycles and strive to minimize the impact.

Response to High-Risk Sites

Mitsubishi Electric Group uses WRI Water Aqueduct\(^1\) and other risk assessment tools to keep track of current and future water risk at business sites both in Japan and abroad (including the presence of water stress\(^2\)). Based on this data, overseas business sites with particularly high water risks have been identified as high-risk sites in consideration of their regional characteristics (i.e., seasonal high water/drought conditions of oceans and rivers from which water is taken) and business characteristics (i.e., water usage accompanying production activities).

To reduce water usage in high-risk sites (total of five sites), Environmental Plan 2023 sets forth a target of “reducing water usage per unit of sales by 4% or more by fiscal 2024 compared to fiscal 2020.” The five selected sites together account for roughly 5% of total water usage by the Mitsubishi Electric Group as a whole and roughly 8% of total sales.

By distributing survey sheets to high-risk sites, we confirmed the status of water conservation at facilities that use water and their efforts to reuse water. Additionally, based on the results of these surveys, water faucets were replaced with water-saving faucets, and the use of recycled water was promoted. As a result, water usage per unit of sales was reduced by 16% in fiscal 2023 compared to fiscal 2020. By implementing effective water risk measures in consideration of regional characteristics and circumstances at each Group business site, we aim to co-exist in harmony with local communities.

We will continue to strengthen our efforts based on this policy with a focus on high-risk sites.

\(^1\) WRI Aqueduct: Water risk assessment tool developed by the World Resources Institute (WRI).
\(^2\) Water stress: Water stress levels can be defined by an index that indicates how close the relationship is between the supply and demand of water. When maximum water availability per capita falls below 1,700 m³, it is considered that water stress is present.

Status of Water Usage and Water Intake/Drainage/Reuse

Status of Water Usage

The water usage of the Mitsubishi Electric Group in fiscal 2023 was 14,980,000m³, and the amount per unit of sales was 3.0m³/million yen.

In Japan, in addition to reusing water in production processes, we promoted the use of greywater by treating wastewater for water purification to use as toilet water and as supply water for cooling towers. In addition, our efforts to reduce groundwater consumption through rainwater harvesting resulted in water consumption of 13,036,000m³, of which 3,969,000m³ was reused (reuse rate of 30%). Overseas, we focused on reducing water intake by reusing water and expanding use of greywater.

Status of Water Intake

At business sites of the Mitsubishi Electric Group, water is taken to be used mainly for cooling, cleaning and adjusting the concentration of water-based paints, and as a solvent, an additive to materials and a heat medium. In fiscal 2023, the production increase associated with the resumption of economic activities that had fallen due to the COVID-19 pandemic resulted in a water intake of 10,878,000m³, which is an increase of approximately 134,000m³ compared to the previous fiscal year.

Status of Water Drainage

To avoid exceeding standard values set for each drainage point, the Mitsubishi Electric Group’s business sites have established even more stringent voluntary standards, based on which water is treated before it is discharged. When there is a certain drainage standard in place according to properties specific to the water area, such a standard is also incorporated into our standards. Compliance with these standards is confirmed through measurements conducted on a regular basis. Water drainage in fiscal 2023 was 8,467,000m³.
Status of Water Reuse
At Mitsubishi Electric Group’s business sites, not only fresh intake water, but water that has been used once is reused after it is treated and recycled.

In fiscal 2023, since the closure of the liquid crystal display manufacturing plant resulted in lower production of LCDs, which use a high volume of recycled water, water reuse across the entire Mitsubishi Electric Group fell to 4,102,000m³, making the water reuse ratio 27%. Meanwhile, at our sites in Southeast Asia, because we deployed water reprocessing facilities, the water reuse ratio improved to approximately 6% from the previous fiscal year.

<table>
<thead>
<tr>
<th>Water Usage (Mitsubishi Electric Group)</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Drainage Volume</td>
<td>8.38 m³</td>
<td>8.46 m³</td>
</tr>
<tr>
<td>Water Intake (Mitsubishi Electric Group)</td>
<td>15.20 m³</td>
<td>14.98 m³</td>
</tr>
</tbody>
</table>

For the details of water usage, please refer to "Material Balance."

Case Example Reducing water use by recycling wastewater
In Thailand, economic development has brought about a serious water shortage, and there has been a rising awareness of the importance of water resources. In January 2020, the Thai Ministry of Industry has even issued a request to manufacturing industries for their cooperation in reducing the amount of wastewater that is discharged outside of factories and promoting efficient water use.

Under this situation, Mitsubishi Electric Automation (Thailand) Co., Ltd., an affiliated company based in Bang Chan Industrial Estate in Bangkok, succeeded in reducing the amount of wastewater discharged outside the plant and in reducing 600 m³ of annual use of water supply, by recycling wastewater at its wastewater treatment facility and using the recycled water to nurture a wall garden (approx. 228 m²) installed in a rest area within its site. Recognized for its environmental initiatives including the wall garden, the company has been certified as an ECO Factory in Thailand.

Wall garden using diskidia (foliage plant)
Mitsubishi Electric Automation (Thailand) Co., Ltd.
Managing Chemical Substances

Regulations on chemical substances to prevent pollution are becoming stricter by the year. The Mitsubishi Electric Group is promoting initiatives to control and reduce emissions through the management of chemicals released from our business sites and those contained in products.

Managing chemical substances released from business sites

We utilize an internal system to manage the release and transfer of chemical substances regulated by the PRTR Law*1 (PRTR*2) and VOC*3 that are released from our business sites. In fiscal 2023, the Mitsubishi Electric Group (Japan) used 3,849 tons of chemical substances. In fiscal 2024, we will update the system in accordance with the revision of the PRTR Law. Sulfur oxide (SOx) and nitrogen oxide (NOx) are also managed using our voluntary standards based on the laws and regulations of the regions where our business sites are located.

Managing the chemical substances contained in products

In order to comply with EU RoHS Directive*4, EU REACH Regulation*5, and other regulations on chemical substances contained in products, we globally register purchase information for materials and parts in our internal system in order to manage them. We carry out system updates as needed in anticipation of strengthening regulations, and we work to systematically reduce the usage amounts of chemical substances that are expected to be subject to regulation.

*1 PRTR Law: Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof.
*2 PRTR: Short for Pollutant Release and Transfer Register. A system under which companies track the quantity of substances potentially harmful to human health or the ecosystem which are released into the environment or transferred outside a business establishment through waste materials, and report this data to government authorities. The authorities then use these reports and other statistics to produce estimates on release and transfer, and announce them publicly.
*3 VOC: Short for Volatile Organic Compounds.
*5 REACH Regulation: Regulation on registration, evaluation, authorisation and restriction of chemicals.

For details on the release and transfer of chemical substances, please refer to “Material Balance.”
Reducing the Use of Disposable Packaging Materials

Achievements of Mitsubishi Electric Group Companies in Japan in Fiscal 2023

Improvements in logistics are part of Mitsubishi Electric Group’s Just-In-Time improvement activities. Our basic policy is to reduce the weight of transport packaging while ensuring that products are delivered safely to customers. Based on this policy, we practice the 3Rs in packaging: reduce (simplify packaging), reuse (more returnable containers and packaging), and recycle (recycling of used packaging material).

At Mitsubishi Electric Group companies in Japan, simpler packaging is promoted, and the use of returnable containers and packaging has been expanded. Owing to these initiatives, the amount of packaging materials used was 55 kt, and the amount per unit of sales was 14.1 kg/million yen.

The amount of packaging materials used by our 23 overseas affiliates was 58 kt, and the amount per unit of sales was 43 kg/million yen.

For details of the usage of packaging materials, please refer to “Material Balance.”

Reducing CO₂ from Logistics

Basic Policies on Logistics (Distribution)

To improve product logistics (distribution), we strive to eliminate irrational, irregular, and wasted efforts by visualizing logistics work by quantification, with the ultimate goal of realizing Economy & Ecology Logistics (Eco-Logistics) that improve transport efficiency and economy and to reduce environmental impact.

Fiscal 2023 Achievements of Mitsubishi Electric Group Companies in Japan

At Mitsubishi Electric Group companies in Japan, the following measures continued to be implemented throughout fiscal 2023. As a result, CO₂ emissions totaled 97 kt-CO₂, and the amount per unit of sales was 2.41 t-CO₂/100 million yen.

- Reviewing transportation routes
- Switching from truck transportation to rail transportation (modal shift)
- Reducing the number of trucks by improving load ratios (including Container Round Use)

For details of CO₂ emissions from distribution, please refer to “Material Balance.”
Contribution to Reducing CO₂ from Product Usage

As more CO₂ is emitted during product usage than during production, the Mitsubishi Electric Group has identified “reducing CO₂ from product usage” and “contributing to reducing CO₂ by product usage” as priority issues, and is working to improve its products.

| Evaluation of Reducing CO₂ from Product Usage |

Power consumed during product use is viewed as corresponding to the amount of CO₂ emissions resulting from generating that power. Increasing product energy efficiency can lead to a reduction of CO₂ from product use.

Environmental Plan 2023 promotes initiatives to increase product energy efficiency by evaluating improvements in product energy efficiency using the new indicator shown below, beginning with models that are newly developed in fiscal 2022.

\[
\text{Improvement rate over previous models (％)} = \left( \frac{\text{annual power consumption of previous models} - \text{annual power consumption of newly developed models}}{\text{annual power consumption of previous models}} \right) \times 100
\]

破下に使用されるアリババの例とインジケーターの使用

Evaluation of Our Contribution to Reducing CO₂ by Product Usage

Among products of the Mitsubishi Electric Group, there are some that can help customers reduce CO₂ by being used. For example, using the Group’s heat pump system has greater potential to reduce CO₂ emissions compared to using combustion-type heating and hot water systems. The Group’s inverters and power devices, as well, can reduce CO₂ by being used, since they contribute to enhancing the energy efficiency of the final products they are embedded in.

Contribution to reducing CO₂ is calculated by comparing the use of a relevant product with the use of an alternative product that would likely be used if the relevant product did not exist. It is based on the following formula, with the alternative product as the reference product.

\[
\text{Contribution to reducing CO₂} = (\text{CO₂ emission from using a "reference product"}) - (\text{CO₂ emission from using the relevant product})
\]

In Environmental Plan 2023, the improvement in contribution to reducing CO₂ when a customer chooses to use a Mitsubishi Electric product is calculated using the new indicator shown below, beginning with models newly developed in fiscal 2022.

\[
\text{Improvement rate over previous model (％)} = \left( \frac{\text{contribution to reducing CO₂ by newly developed model} - \text{contribution to reducing CO₂ by previous model}}{\text{contribution to reducing CO₂ by previous model}} \right) \times 100
\]
Recovery/Recycling of Used Home Appliances at a Specialized Recycling Plant

Coinciding with the enforcement of the Home Appliance Recycling Law, Hyper Cycle Systems Corporation commenced operations in Ichikawa City, Chiba Prefecture in May 1999 as the industry’s first recycling plant, and has since engaged in recycling home appliances. Information obtained from this plant is fed back to product designs, to enhance the recyclability of products and to contribute to environmental conservation.

Learn more about the Mitsubishi Electric Group’s home appliance recycling efforts and performance on the following website.

Recycling Home Appliances

Closed-Loop Recycling of Plastic

Since 2010, the Mitsubishi Electric Group has been fully implementing “closed-loop recycling,” in which plastic recovered from used home appliances is reused in Mitsubishi Electric’s new home appliance products. Green Cycle Systems Corporation utilizes Mitsubishi Electric’s original technology for advanced sorting of crushed mixed plastics to recycle them into high-purity plastics that are equivalent to virgin materials.

Mixed plastics

<table>
<thead>
<tr>
<th>PP flakes</th>
<th>PS flakes</th>
<th>ABS flakes</th>
</tr>
</thead>
</table>

Home appliances

- Pelletizing
- Removal of brominated flame retardants (substances restricted by the RoHS Directive) by X-ray sorting
- Removal of non-plastics

The mixed plastic after crushing waste home appliances is recovered in high purity for each type of plastic through sorting processes such as specific gravity separation, electrostatic separation, and X-ray sorting, and is used again for new home appliances.

Flow chart of Mitsubishi Electric Group closed-loop plastic recycling

By utilizing our advanced plastics sorting technology cultivated over many years in the field of home appliance recycling, Mitsubishi Electric is promoting efforts to solve the problem of waste plastics in collaboration with companies in a variety of industries.

For detailed information on closed-loop recycling, see the website “Plastic Recycling Comes of Age.”

Plastic Recycling Comes of Age
Biodiversity Preservation Activities

Biodiversity Action Guidelines

The Earth’s ecosystem is made up of diverse living organisms. All aspects of human civilization benefit from this ecosystem, but at the same time, we affect it in both direct and indirect ways. Today, damage to the ecosystem is said to be driving many species to extinction and otherwise eroding biodiversity.

In recognition of this, the Mitsubishi Electric Group has established Biodiversity Action Guidelines, which add the perspective of biodiversity as a means for living in harmony with nature to the Group’s conventional measures against climate change and environmental activities aimed at achieving resource recycling. These guidelines define the role of business activities in preserving biodiversity, and outline the Group’s efforts toward the development of a sustainable society through its business activities.

Resources & Procurement
Recognizing that we utilize globally procured natural resources such as minerals, fuels and plants, we shall aim to preserve biodiversity in Japan and around the world by carrying out green procurement activities.

Product Design
In designing our products and services, we shall promote the effective utilization of resources and the efficient use of energy, as well as aim to prevent the emission of substances that pose a risk to the environment.

Manufacturing & Transportation
When commencing or making changes to land use, such as when constructing factories or warehouses, we will give due consideration to protecting the biodiversity of the land in question. In manufacturing and transportation, we aim to minimize energy use, waste generation and the emission of chemical substances.

Sales, Usage & Maintenance
In our sales activities, we will work to promote better understanding among our customers of the impact that product/service usage and maintenance can have on biodiversity.

Collection & Recycling
We will actively develop recycling technologies and apply them to collected end-of-life products.

Understanding & Action
We will deepen our understanding of the importance of biodiversity and our relationship to it, and will actively and voluntarily take actions necessary to coexist in harmony with nature.

Cooperation
All companies in the Mitsubishi Electric Group, including overseas affiliates, will act as one, in cooperation with local communities, NGOs and governments.

Biodiversity Preservation Measures at Business Sites

Visualizing the Relationship between Business Activities and Biodiversity to Implement Proper Action
To deepen employee understanding of biodiversity, Mitsubishi Electric has summarized the relationship between the company’s business activities and biodiversity in a chart as shown on the following page. Using this chart, the Mitsubishi Electric Group’s business sites both in Japan and overseas are renewing their awareness of relations between their own business activities and the biodiversity and natural environment of their surrounding region, and are linking this awareness to concrete actions that contribute to communication with local communities and to the preservation of biodiversity.
Improving the Quality of Greenery in Line with Three Courses of Action

The Mitsubishi Electric Group has set forth three courses of action as guidelines for all business sites. They are: (1) reducing negative impact on living creatures, (2) aiming for more fruitful symbiosis with other living creatures, and (3) restoring the relationship between employees and nature in the working environment. At each business site, action plans provide for the preservation of local indigenous species, control of alien species, and development of green space in consideration of the surrounding ecosystem, to ensure these initiatives are steadily addressed in all businesses.

Three Courses of Action

<table>
<thead>
<tr>
<th>Courses of Action</th>
<th>Examples</th>
</tr>
</thead>
</table>
| A Reducing negative impact on living creatures | 1. Control development pressure and alien species pressure*  
(1) Assessment of impacts on living creatures  
(2) Alien species control |
| 2. Call attention to and preserve rare species and endemic species |  
(1) Disclosure of list of living creatures on premises  
(2) Preservation of rare species and endemic species  
(3) Cooperation in regards to conservation issues for surrounding areas |
| 3. Manage pesticides, preserve greenery and natural resources |  
(1) Control the killing/harming of living creatures  
(2) Consideration to natural resources, such as water and soil |
| 4. Set up functional greenery |  
(1) System to manage green space  
(2) Management of land used by flying organisms  
(3) Development of priority land for greenery and living creatures  
(4) Provision of continuity of greenery with areas surrounding business sites  
(5) Contribution to biodiversity preservation activities in areas surrounding business sites |
| 5. Break away from agricultural orientations such as simplifying/specifying greenery |  
(1) Diversification/multi-stratification of vegetation  
(2) Management of greenery that accords with the characteristics of plants, etc.  
(3) Contribution/consideration to regions |
| 6. Proactively utilize ecosystem services in the workplace (break rooms, individual floors) |  
(1) Provision and utilization of opportunities for cultural services  
(2) Provision and utilization of opportunities for supply services |
| 7. Change situation from everyone being disinterested and unrelated to everyone being involved |  
(1) Education for understanding and promoting action  
(2) Creation of relationships through the workplace or work duties |

* Activities are carried out pursuant to the regulation on raising, planting, storing, carrying, or other handling of specified IAS in the Invasive Alien Species Act.
Enhancing Corporate Value through a Long-term Commitment to Environmental Initiatives

Since it takes many years to maintain and improve biodiversity, we must work continuously to this end.

The Mitsubishi Electric Group is committed to contributing to the attainment of the SDGs*1 and to implementing biodiversity preservation activities as part of its business activities. Through initiatives related to the above, we will further contribute to preserving regional ecosystems, and by earning respect and trust from local communities, we will strive to enhance our corporate value.

*1 SDGs (Sustainable Development Goals): Sustainable development goals to be achieved by 2030 included in the 2030 Agenda for Sustainable Development adopted by the United Nations General Assembly in September 2015.

Specific initiatives for biodiversity preservation

The Mitsubishi Electric Group engages in initiatives that give specific consideration to all species of living creatures. These initiatives include the Mitsubishi Electric Outdoor Classroom, the Satoyama Woodland Preservation Project, and measures to reduce the impacts of development pressure*1 and alien species pressure*2 on ecosystems. As the basis of these initiatives, we have been promoting biodiversity preservation activities at business sites since fiscal 2015, with a focus on improving the quality of greenery within the premises of all business sites. The initiatives aim for all employees to make a direct contribution to regional/urban ecosystems in areas around their site by working to preserve biodiversity at their own workplace. It also encourages employees to take positive and voluntary action by regarding biodiversity as a personally relevant issue.

As these initiatives have spread, since fiscal 2020, we have been working to establish a structure to visualize the initiatives of each of Mitsubishi Electric’s domestic business sites and consistently improve. In March 2020, we formulated the Biodiversity Guidelines (a checklist) in line with the three courses. Since then, the implementation level of activities and the quality of greenery at each of our business sites in Japan have been assessed in numbers for quantitative monitoring. Each business site evaluates the situation of activities by fiscal year based on the Guidelines and calculates the improvement rate in the implementation level compared to the baseline fiscal year. By visualizing the improvement and outcomes of measures, we endeavor to establish the activities and improve outcomes throughout the organization.

Since fiscal 2022, we have been implementing the Guidelines at affiliated companies in Japan in order to widen their scope.

*1 Development pressure: An action resulting in the destruction of habitats. The construction of a new business site and development (including that in the supply chain) intended to extract natural resources are deemed as such behaviors. One such example is when the use of water by operations affects the surrounding area, the source of water, and subsequently the habitats of living creatures.
*2 Alien species pressure: When ditches, greenery at the side of buildings, and hedges are created, non-native species of insects, vegetation, etc. may be introduced. The unintentional transfer of living creatures could pose a threat to the habitats of indigenous species or trigger genetic pollution.
## Environmental Data

### Material Balance

#### Manufacturing (Input)

<table>
<thead>
<tr>
<th></th>
<th>FY 2021</th>
<th>FY 2022</th>
<th>FY 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Manufacturing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials*1</td>
<td>2,420 kt</td>
<td>2,570 kt</td>
<td>2,920 kt</td>
</tr>
<tr>
<td>Total energy input<em>2</em>3</td>
<td>19,030,000 GJ</td>
<td>21,150,000 GJ</td>
<td>20,920,000 GJ</td>
</tr>
<tr>
<td>Electricity*3</td>
<td>1,740 GWh</td>
<td>1,912 GWh</td>
<td>1,894 GWh</td>
</tr>
<tr>
<td>Traditional electric power</td>
<td>1,715 GWh</td>
<td>1,870 GWh</td>
<td>1,624 GWh</td>
</tr>
<tr>
<td>Electric power from renewable energy sources</td>
<td>25 GWh</td>
<td>42 GWh</td>
<td>270 GWh</td>
</tr>
<tr>
<td>City gas</td>
<td>34,930,000 m³</td>
<td>37,960,000 m³</td>
<td>35,780,000 m³</td>
</tr>
<tr>
<td>LPG</td>
<td>3,725 t</td>
<td>3,989 t</td>
<td>3,780 t</td>
</tr>
<tr>
<td>Oil (crude oil equivalent)*3</td>
<td>10,484 kl</td>
<td>19,811 kl</td>
<td>18,659 kl</td>
</tr>
<tr>
<td>Other greenhouse gases</td>
<td>6,720 t</td>
<td>8,217 t</td>
<td>9,271 t</td>
</tr>
<tr>
<td>Water usage*9</td>
<td>148,600,000 m³</td>
<td>152,060,000 m³</td>
<td>149,800,000 m³</td>
</tr>
<tr>
<td>Intake</td>
<td>103,140,000 m³</td>
<td>107,440,000 m³</td>
<td>108,780,000 m³</td>
</tr>
<tr>
<td>Reuse</td>
<td>45,470,000 m³</td>
<td>44,630,000 m³</td>
<td>41,020,000 m³</td>
</tr>
<tr>
<td>Chemical substances</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controlled chemical substances*4</td>
<td>2,614 t</td>
<td>3,153 t</td>
<td>4,236 t</td>
</tr>
<tr>
<td>Volatile organic compounds</td>
<td>2,018 t</td>
<td>2,123 t</td>
<td>2,440 t</td>
</tr>
</tbody>
</table>

*1 Total value for shipping weight of products, plus amount of product packaging materials used, plus total amount of waste.
*2 Includes electricity, city gas, LPG, oil, etc.
*3 Figures include commercial vehicles and other company-owned vehicles (the figure for FY2021 includes the number of such vehicles for sites in Japan only, while the figures for FY2022 and FY2023 include the numbers for sites in Japan and overseas).
*4 Japan: Substances subject to Japan’s PRTR law, Overseas: Controlled chemical substances designated by Mitsubishi Electric and used in amounts of 18 kg or more.

#### Manufacturing (Output)

<table>
<thead>
<tr>
<th></th>
<th>FY 2021</th>
<th>FY 2022</th>
<th>FY 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Products</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight of all products sold*5</td>
<td>2,111 kt</td>
<td>2,249 kt</td>
<td>2,495 kt</td>
</tr>
<tr>
<td>Weight of packaging materials*6</td>
<td>124 kt</td>
<td>137 kt</td>
<td>130 kt</td>
</tr>
<tr>
<td>Japan</td>
<td>56 kt</td>
<td>98 kt</td>
<td>54 kt</td>
</tr>
<tr>
<td>Overseas</td>
<td>68 kt</td>
<td>78 kt</td>
<td>76 kt</td>
</tr>
<tr>
<td><strong>Emissions (from manufacturing)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emissions into the atmosphere</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greenhouse gas emissions (CO2-equivalent)</td>
<td>1,048 kt CO2</td>
<td>1,161 kt CO2</td>
<td>1,046 kt CO2</td>
</tr>
<tr>
<td>CO2<em>7</em>9</td>
<td>923 kt CO2</td>
<td>1,033 kt CO2</td>
<td>910 kt CO2</td>
</tr>
<tr>
<td>HFCs<em>8</em>9</td>
<td>22 kt CO2</td>
<td>24 kt CO2</td>
<td>22 kt CO2</td>
</tr>
<tr>
<td>PFCs<em>8</em>9</td>
<td>67 kt CO2</td>
<td>68 kt CO2</td>
<td>95 kt CO2</td>
</tr>
<tr>
<td>Chemical substances</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controlled chemical substances*4</td>
<td>814 t</td>
<td>389 t</td>
<td>515 t</td>
</tr>
<tr>
<td>Volatile organic compounds</td>
<td>792 t</td>
<td>645 t</td>
<td>882 t</td>
</tr>
<tr>
<td>NOx</td>
<td>25 t</td>
<td>28 t</td>
<td>40 t</td>
</tr>
<tr>
<td>SOx</td>
<td>1 t</td>
<td>0.6 t</td>
<td>0.3 t</td>
</tr>
<tr>
<td><strong>Discharge into water</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>8,068,000 m³</td>
<td>8,386,000 m³</td>
<td>8,467,000 m³</td>
</tr>
<tr>
<td>Chemical substances</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controlled chemical substances*4</td>
<td>8.0 t</td>
<td>7.2 t</td>
<td>5.7 t</td>
</tr>
<tr>
<td>BOD</td>
<td>101 t</td>
<td>65 t</td>
<td>81 t</td>
</tr>
<tr>
<td>COD</td>
<td>109 t</td>
<td>57 t</td>
<td>73 t</td>
</tr>
<tr>
<td><strong>Waste</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emissions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-hazardous waste</td>
<td>187,137 t</td>
<td>269,306 t</td>
<td>292,814 t</td>
</tr>
<tr>
<td>Hazardous waste</td>
<td>181,689 t</td>
<td>263,197 t</td>
<td>286,177 t</td>
</tr>
<tr>
<td>Waste treatment subcontracted out</td>
<td>5,458 t</td>
<td>6,109 t</td>
<td>6,637 t</td>
</tr>
<tr>
<td>In-house weight reduction</td>
<td>101,605 t</td>
<td>84,639 t</td>
<td>134,100 t</td>
</tr>
<tr>
<td>Amount recycled</td>
<td>757 t</td>
<td>824 t</td>
<td>835 t</td>
</tr>
<tr>
<td><strong>Final disposal</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japan</td>
<td>121 t</td>
<td>1,562 t</td>
<td>1,561 t</td>
</tr>
<tr>
<td>Overseas</td>
<td>28 t</td>
<td>445 t</td>
<td>117 t</td>
</tr>
<tr>
<td><strong>Final waste disposal ratio (Japan)</strong></td>
<td>0.02 %</td>
<td>0.24 %</td>
<td>0.06 %</td>
</tr>
<tr>
<td><strong>Final waste disposal ratio (Overseas)</strong></td>
<td>0.1 %</td>
<td>1.3 %</td>
<td>1.4 %</td>
</tr>
</tbody>
</table>

*5 Shipping weight of products.
*6 Total of disposable and returnable packaging materials.
*7 CO2 emission coefficient for electricity calculated in reference to: <Japan> figures published by the Federation of Electric Power Companies; <Overseas> figures published by International Energy Agency.
*8 Global Warming Potential (GWP) for greenhouse gases other than CO2 is calculated in reference to figures published in the IPCC 5th Evaluation Report.
*9 Figures for FY2022 have been re-calculated.
### Transporting (Input)

<table>
<thead>
<tr>
<th>Sales and Logistics*10</th>
<th>FY 2021</th>
<th>FY 2022</th>
<th>FY 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel for trucks (gasoline)</td>
<td>5,679 kl</td>
<td>5,725 kl</td>
<td>6,091 kl</td>
</tr>
<tr>
<td>Japan</td>
<td>5,675 kl</td>
<td>5,725 kl</td>
<td>6,091 kl</td>
</tr>
<tr>
<td>Overseas</td>
<td>4 kl</td>
<td>0 kl</td>
<td>0 kl</td>
</tr>
<tr>
<td>Fuel for trucks (diesel)</td>
<td>55,635 kl</td>
<td>58,778 kl</td>
<td>57,535 kl</td>
</tr>
<tr>
<td>Japan</td>
<td>41,969 kl</td>
<td>48,183 kl</td>
<td>41,185 kl</td>
</tr>
<tr>
<td>Overseas</td>
<td>13,666 kl</td>
<td>10,595 kl</td>
<td>16,350 kl</td>
</tr>
<tr>
<td>Fuel for rail (electricity)</td>
<td>1.4 GWh</td>
<td>1.3 GWh</td>
<td>1.5 GWh</td>
</tr>
<tr>
<td>Japan</td>
<td>1.4 GWh</td>
<td>1.3 GWh</td>
<td>1.5 GWh</td>
</tr>
<tr>
<td>Overseas</td>
<td>0 GWh</td>
<td>0 GWh</td>
<td>0.0 GWh</td>
</tr>
<tr>
<td>Fuel for marine transport (bunker oil)</td>
<td>60,037 kl</td>
<td>81,514 kl</td>
<td>91,941 kl</td>
</tr>
<tr>
<td>Japan</td>
<td>525 kl</td>
<td>397 kl</td>
<td>333 kl</td>
</tr>
<tr>
<td>Overseas</td>
<td>59,512 kl</td>
<td>81,117 kl</td>
<td>91,608 kl</td>
</tr>
<tr>
<td>Fuel for air transport (jet fuel)</td>
<td>20,833 kl</td>
<td>44,838 kl</td>
<td>69,255 kl</td>
</tr>
<tr>
<td>Japan</td>
<td>511 kl</td>
<td>602 kl</td>
<td>558 kl</td>
</tr>
<tr>
<td>Overseas</td>
<td>20,322 kl</td>
<td>44,236 kl</td>
<td>68,697 kl</td>
</tr>
</tbody>
</table>

*10 Figures for overseas affiliated companies include transportation between countries.

### Transporting (Output)

<table>
<thead>
<tr>
<th>Emissions*11,12</th>
<th>FY 2021</th>
<th>FY 2022</th>
<th>FY 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO2</td>
<td>384 kt-CO2</td>
<td>515 kt-CO2</td>
<td>607 kt-CO2</td>
</tr>
<tr>
<td>Japan</td>
<td>124 kt-CO2</td>
<td>141 kt-CO2</td>
<td>126 kt-CO2</td>
</tr>
<tr>
<td>Overseas</td>
<td>260 kt-CO2</td>
<td>375 kt-CO2</td>
<td>481 kt-CO2</td>
</tr>
</tbody>
</table>

*11 Figures for overseas affiliated companies include transportation between countries.

*12 The sum of these figures and CO2 emissions from procurement/logistics (1 kt-CO2) make up Scope 3 Category 4 emissions (see next page).
Reducing Greenhouse Gases Emitted in the Value Chain

The "ε" symbol denotes Mitsubishi Electric Group greenhouse gas emissions for which third-party verification has been carried out by SGS Japan Inc.

Amount of Water Intake/Drainage/Reuse

Unit: 10,000 m³

<table>
<thead>
<tr>
<th>Item</th>
<th>FY 2021 results</th>
<th>FY 2022 results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Water usage (water intake plus reuse)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japan</td>
<td>14,981</td>
<td>13,036</td>
</tr>
<tr>
<td>Overseas</td>
<td>1,045</td>
<td>727</td>
</tr>
<tr>
<td>China</td>
<td>937</td>
<td>115</td>
</tr>
<tr>
<td>Europe</td>
<td>41</td>
<td>47</td>
</tr>
<tr>
<td>US</td>
<td>47</td>
<td>26</td>
</tr>
<tr>
<td><strong>Intake</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface water</td>
<td>88</td>
<td>85</td>
</tr>
<tr>
<td>Groundwater</td>
<td>5,422</td>
<td>3,959</td>
</tr>
<tr>
<td>Seawater</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Water purchased from third parties</td>
<td>5,369</td>
<td>3,586</td>
</tr>
<tr>
<td><strong>Drainage volume</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface water</td>
<td>4,489</td>
<td>2,487</td>
</tr>
<tr>
<td>Groundwater</td>
<td>1,159</td>
<td>1,159</td>
</tr>
<tr>
<td>Seawater</td>
<td>54</td>
<td>54</td>
</tr>
<tr>
<td><strong>Water consumed (water intake minus drainage volume)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface water</td>
<td>2,411</td>
<td>1,947</td>
</tr>
<tr>
<td>Groundwater</td>
<td>1,048</td>
<td>513</td>
</tr>
<tr>
<td>Seawater</td>
<td>29</td>
<td>26</td>
</tr>
<tr>
<td><strong>Waste ratio (reused/used) (%)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface water</td>
<td>4.8</td>
<td>2.4</td>
</tr>
<tr>
<td>Groundwater</td>
<td>5.4</td>
<td>2.2</td>
</tr>
<tr>
<td>Seawater</td>
<td>0.6</td>
<td>0.6</td>
</tr>
</tbody>
</table>

*2 CO2, SF6, HFCs and PFCs emissions associated with the use of city gas, heavy oil, etc., and with product manufacturing.
*3 CO2 emissions coefficient for electricity calculated in reference to <Japan> annual figures published by the Federation of Electric Power Companies; <Overseas> annual figures published by International Energy Agency.
*4 CO2 emissions associated with use of the electricity, etc.
*5 Figures have been calculated using the CO2 emission coefficient of power generated in the area.
*6 Emissions associated with transportation and processing of waste (waste distribution). Subject to accounting: Mitsubishi Electric.
*7 Emissions associated with the transportation, storage, cargo handling and retailing of products.
*8 Emissions generated by the construction and manufacturing process.
*9 Emissions associated with the use of products by consumers (consumer/business operations).
*10 Assuming that all employees use passenger rail services.
*11 Sum of Mitsubishi Electric Corporation (non-consolidated) and affiliated companies in Japan.
*12 Areas classified as "others" from FY2022 onward due to an increase in the number of business sites in scope for the survey.
Verification Statement

In order to ensure reliability of our reports, Mitsubishi Electric gets third party verification by SGS Japan Inc. for our greenhouse gas emissions, energy consumption and water usage and drainage. Third Party Verification Report (Environmental Disclosure of 5 items)

Environmental Accounting

### Environmental Conservation Costs

<table>
<thead>
<tr>
<th>Business area activities</th>
<th>FY 2021</th>
<th>FY 2022</th>
<th>FY 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital investment</td>
<td>Costs</td>
<td>Capital investment</td>
<td>Costs</td>
</tr>
<tr>
<td>Pollution prevention</td>
<td>3</td>
<td>14</td>
<td>7</td>
</tr>
<tr>
<td>Global environmental conservation</td>
<td>35</td>
<td>25</td>
<td>39</td>
</tr>
<tr>
<td>Resource recycling</td>
<td>5</td>
<td>29</td>
<td>6</td>
</tr>
<tr>
<td>Upstream and downstream production</td>
<td>0.0</td>
<td>2</td>
<td>0.1</td>
</tr>
<tr>
<td>Management activities</td>
<td>0.8</td>
<td>16</td>
<td>0.3</td>
</tr>
<tr>
<td>R&amp;D activities</td>
<td>0.9</td>
<td>39</td>
<td>0.8</td>
</tr>
<tr>
<td>Community activities</td>
<td>0.0</td>
<td>0.5</td>
<td>0.0</td>
</tr>
<tr>
<td>Environmental damage countermeasures</td>
<td>0.0</td>
<td>0.2</td>
<td>0.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>44</strong></td>
<td><strong>126</strong></td>
<td><strong>54</strong></td>
</tr>
</tbody>
</table>

Main Costs
- Updating of processing facilities for emissions, sewage water, deodorization, etc.
- Updating of air conditioning equipment, switch to low fuel-consumption vehicles
- Consignment of the disposal of waste, construction of additional recycling facilities
- Sewage expenses, reduction of the environmental impact of packaging
- Personnel expenses, employee education
- Improvement of energy/resources efficiency, designs to reduce size and weight
- Outdoor classrooms, Satoyama woodland preservation activities, cleaning and greening activities in the suburbs
- Purification of contaminated soil/groundwater, measuring contamination levels

### Environmental Conservation Benefits

<table>
<thead>
<tr>
<th>FY 2021</th>
<th>FY 2022</th>
<th>FY 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earnings</td>
<td>37</td>
<td>68</td>
</tr>
<tr>
<td>Savings</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>44</strong></td>
<td><strong>81</strong></td>
</tr>
</tbody>
</table>

Main Costs
- Profit on sale of valuable materials (mainly metals)
- Results of energy savings, reuse of materials/water, and introduction of equipment to reduce the input of resources
Social

Quality ......................................................... 91
Human Rights ............................................... 100
Human Capital ............................................... 107
Supply Chain Management (Procurement) ...... 122
Philanthropic Activities ................................. 128
Social Data ................................................ 136
Quality

Basic Policy and Management

<table>
<thead>
<tr>
<th>Basic Policy</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Mitsubishi Electric Group conducts business under the Purpose, “We, the Mitsubishi Electric Group, will contribute to the realization of a vibrant and sustainable society through continuous technological innovation and ceaseless creativity.” This Purpose inherits the principles outlined in the Keys to Management (in Japanese, Keiei no Yotei) set out when Mitsubishi Electric was established with regard to “our contribution to social prosperity,” “quality improvement,” and “customer satisfaction,” and forms the basic spirit of our relationship with society and our customers. To give concrete shape to this basic spirit, employees perform their work according to “Our Values,” which teach us to develop relationships based on strong mutual trust, ensure products and services that satisfy standards provided in laws and regulations and the specifications agreed upon with customers are delivered in the best quality, and provide society with new value by enhancing our technology and onsite capabilities. Based on these values, we constantly strive to increase customer satisfaction and contribute to social prosperity in all aspects of our business, from the production of high quality, easy-to-use products to our after-purchase support, response to major issues, and product disposal.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Safety-related Principles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Based on the “Purpose” and “Our Values,” the Mitsubishi Electric Group promotes initiatives to ensure product safety under the following principles:</td>
</tr>
</tbody>
</table>

<Four Basic Quality Assurance Principles>

1. Product quality is our top priority. It comes before price and on-time delivery.
2. Our commitment to the highest quality under any circumstances is unwavering.
3. Products must be safe to use, have a reasonable usage life, and have consistent performance.
4. Every manager and employee involved in manufacturing a product shares equal responsibility for product quality.

<Product Safety-related Principles>

1. We will not only comply with the laws related to product safety, but also work on offering safe and reliable products to our customers.
2. We will prevent product-related accidents by indicating cautions and warnings to help customers use our products safely.
3. We will work actively to collect information about product-related problems, disclose them appropriately to our customers, and report them quickly to the government and other bodies as required under the law.
4. If any serious accidents occur resulting from product-related problems, we will take appropriate measures to avoid further damage.
5. We will investigate the cause of product-related accidents and work to prevent any recurrence.
6. We will make continuous efforts to improve our product safety promotion system.

Particularly in regard to consumer products, Mitsubishi Electric is committed to preventing serious hazards that could result in death, injury, fire, or other damage, by subjecting all products to a quantitative risk assessment at the development stage, while also designing and developing products in consideration of their end-of-life management (to ensure safety even at the stage where products are prone to break or be discarded). At the same time, our Service Call Center and Customer Relations Center in Japan operates 24 hours a day, 365 days a year to gather information on product-related issues and enable prompt response. Furthermore, we disclose accident information, including information on the status of ongoing investigations, on our Japanese official website.

Important information about our products (in Japanese text)
**Management**

The Corporate Quality Assurance Reengineering Group under the direct control of the president has been implementing company-wide measures to promote quality assurance reform and strengthen activities for improving quality. The Quality Assurance & Management Departments under the Corporate Quality Assurance Reengineering Group assigned to each manufacturing base assumes the function for checking, including shipping authority. It is also responsible for acting as the contact point for consultation on issues in the field. In addition, the Engineering Process Promotion Dep. (QED) was newly established to implement a company-wide environment that enables designers to carry out their design work in a consistently manner, thereby promoting facilitating the realization of quality assurance reform. The Quality Governance Subcommittee has been established under the Corporate Compliance Committee, to which business execution has been delegated from the Executive Officers’ Meeting, and the Corporate Quality Assurance Reengineering Group implements the PDCA cycle for improvement in response to the monitoring and advice from the Subcommittee. Our works in Japan and overseas are responsible for ensuring the quality of individual products, and implementing specific improvement activities for quality assurance activities in our business process, including market investigation and development and design, manufacturing, distribution, maintenance services following shipment, and product disposal.

**Quality Improvement Activities**

The Mitsubishi Electric Group incorporates the promotion of quality into products from the design and development stage, promotes activities to improve quality in all business processes—including maintenance and servicing after shipping—and works to improve product quality, safety and reliability.

With regard to development and design in particular, we have continued to develop human resources who are capable of assessing each country’s laws and standards, customer requests, and basic product functions as well as executing and driving designs and evaluation that ensure and guarantee safety, reliability, and stability of functions. These human resources improve our development and design quality by ensuring all parties involved are familiar with the elemental technology guidelines necessary for ensuring quality, alongside other efforts.

As for procured products, we have been working to improve quality in collaboration with our suppliers, who are important partners of the Mitsubishi Electric Group, by asking them to understand our policy that gives top priority to quality.

With regard to product defects, we have also built a database of failure cases that have occurred in the Mitsubishi Electric Group. We use this database to build quality into products to prevent defect recurrence. We also working to prevent defects by consolidating and utilizing our technical resources, such as defect analysis methods, and applying them in order to build quality into products and to improve quality.

- [List of Announcements: Cases of Improper Quality Control Practices at Mitsubishi Electric](#)
- [Status of Registration and Certification with ISO and other Standards (in Japanese text)](#)
Providing Easy-to-Use Products

**Basic Policy**

The Mitsubishi Electric Group engages in universal design under the principle of "creating user-friendly products and comfortable living environments that benefit as many people as possible." To achieve user-friendliness and comfortable living in the true sense of the words, we are committed to providing products and living environments that offer a high level of satisfaction to as many people as possible.

Mitsubishi Electric Group’s Efforts in Universal Design

We have applied the concept of universal design (UD) to home appliances such as air conditioners and refrigerators, as well as to public equipment such as elevators, through considering the needs of all users. This approach is continuing to evolve.

- **Uni & Eco**: The Uni & Eco business strategy was developed for home appliances in fiscal 2005 as a philosophy that combines "Uni," or universal design, (the aim of which is to achieve accessibility for all users), with "Eco," meaning ecological soundness that is perceivable, achievable, and communicable.
- **RakuRaku Assist**: By raising the target demographic to people in their 70s starting in fiscal 2011, we developed the RakuRaku Assist business strategy and are still advancing it. The aim is to enable more people to take advantage of the latest convenient features freely and easily.

Universal Design Guidelines for widespread usability

The Universal Design Guidelines are a set of standards that apply to a wide range of product development, and were formulated based on the expertise gained through using the UD-Checker. To promote greater usability of our products by all users, including children, senior citizens, and people with physical disabilities, we created guidelines on changes that occur to human characteristics with age and that consider disabilities. The guidelines are structured in the same way as the UD-Checker, which incorporates the four perspectives of recognition, identification, physical use, and safety/usability.

UD-Checker, the universal design evaluation system

UD-Checker is Mitsubishi Electric’s proprietary tool that can be used by both industrial designers and engineers to evaluate for universal design (UD) qualities. This tool shows four quantitative measures of UD, namely recognition, identification, physical use, and safety/usability, indicating specific design aspects for development and improving the efficiency of product development. The UD-Checker is used on a wide variety of Mitsubishi Electric products from home appliances and public equipment to industrial equipment.

The UD-Checker’s four evaluation criteria

1. Recognition: consideration for ease of understanding
2. Identification: consideration for ease of reading and/or hearing
3. Physical use: consideration for comfortable posture and minimum physical load
4. Safety/usability: consideration for usability without danger or operating errors.

![Results sheet is automatically output based on the entry into the check items](image)

Details of "UD-Checker" (in Japanese text)
Universal Design Examples to Date

Application to home appliances

Mitsubishi Electric has been ahead of the game in applying the concepts of universal design (UD) to home appliances. For instance, we have applied the Universal Design Guidelines to the Rakura-IH Cooking Heater cooking equipment.

- Using a simple control plate with few buttons, the design features button sizes and text displays that are both large.
- We made the order of basic controls for IH cooking easier to understand by displaying numbers. Moreover, we clarified the heat-intensity display by adopting simple words like "strong" and "weak." Another innovation was adding the benefit of voice-generated control assistance and alerts.
- Human sensors that monitor the surroundings of the IH unit have also been integrated into the equipment. The unit emits spoken alerts if no one is around during cooking or to give warnings of overheating.

"RakuRaku-IH" Cooking Heater CS-G221AKS

Large characters & numerical indicators of steps for use

<Features>
- Characters are approximately 1.8* times the size of our conventional system. (Compared with Mitsubishi Electric’s conventional model G38MS)
- Can be operated simply by pressing buttons in order of numbers displayed.

Safety sensor & audio support

<Features>
- Built-in sensor checks for people in vicinity.
- Offers audio support for ease of operation

Other "RakuRaku Assist" products (in Japanese text)

Application to the industrial sector

Even in the industrial sector, where there is a high level of specialization and a relative lack of diversity in terms of operators who handle equipment, the labor environment is changing. Examples of this transformation include the aging of workers, and more foreign and inexperienced workers – changes that have increased the need for universal design. At Mitsubishi Electric, we are applying the concept of universal design (UD) in our industrial products, such as factory automation (FA) equipment and electric power devices, as well as to the installation and maintenance of equipment on factory floors.

We are also employing the Universal Design Guidelines for sequences in FA equipment.

- Easy-to-understand expressions, such as printed designs that are images of actual objects, make the displayed content more intuitive.
- The unit employs a large UD font display and offers good contrast against the background color, considering people with impaired color vision.
- By showing the text in both English and Japanese hierarchically for easy understanding, inexperienced workers can easily identify the cause of on-site malfunctions.
- Operability has been improved by employing the cabinet design, to feature a larger, more spread-out surface for the enlarged control portion.
Creating easy-to-understand instruction manuals
Under a campaign to provide first-rate instruction manuals, Mitsubishi Electric Group is directing its efforts to creating easy-to-read and easy-to-understand instruction manuals to ensure the safe and comfortable use of our products. Forming the basis of this effort is Mitsubishi Electric’s original “Guidelines for the creation of instruction manuals for home appliances—Instructions.” To raise the quality level of instruction manuals, this handbook is distributed to all affiliates in Japan who handle home appliances.

Example instruction manual: Mitsubishi Electric Kirigamine FL Series room air conditioners
Our Quick Guide (Basic Operations) enlarges each button, allowing users to recognize at a glance which button they should push on their remote control. In addition to this, large font sizes and ample margins make the explanations extremely easy to understand.

Award received
In fiscal 2023, following the International Association for Universal Design (IAUD)’s evaluations of Mitsubishi Electric’s attempts to find a better alternative solution to the increasingly severe labor shortage, we won awards at the IAUD International Design Awards. The accolades included the Gold Award for the Safety Monitoring Support (Anshin Mimamori Support) MelCare, and the Bronze Award for the “MR-MZ/WZ Series 6-door refrigerator and freezer” and the “Unified remote control design for air conditioners”. Going forward, Mitsubishi Electric aims to continue creating universal products and services that take ingenious approaches and consider various perspectives across a broad range of business areas.
Improving Customer Satisfaction

| Basic Policy |

Customer satisfaction has been a priority management principle of the Mitsubishi Electric Group since its founding. Inheriting this spirit, we collect feedback from our customers through customer satisfaction surveys as appropriate to the characteristics of each business operation, and incorporate customer opinions into product development, marketing strategies, and services. We also strive to maintain customer satisfaction by strengthening our repair/service systems, providing effective staff training, and expanding access to information via our websites.

Understanding customer satisfaction

A customer’s selection, purchase, and use of a product involve a number of different departments, such as the development, manufacturing, sales, and service departments. Customer satisfaction cannot be achieved if a customer is discontented with any aspect of this process, or if there is any weakness in the departments concerned. Customer satisfaction increases in the following order:

- Assurance: The customer is assured that the product is not flawed or defective
- Contentment: The product satisfies the customer’s needs and requirements
- Emotion: The customer acquires a new value from the product

The ultimate form of customer satisfaction is achieved when a product exceeds customer expectations and provides an emotional benefit. The key to achieving customer satisfaction is to therefore assess and satisfy customer expectations.

| CS Activities by the Home Appliances Group (in Japan) |

The beginning of CS activities related to home appliances

The CS Department at Mitsubishi Electric was established in Japan in July 1993. In addition to assuring product quality and optimum product usability and functionality, the department engages in CS improvement activities with strong awareness of the significance of customer satisfaction. Mitsubishi Electric quickly proceeded to create the necessary culture, systems and tools that would enhance its products, marketing strategies, and services. Each works conducts satisfaction surveys of its major products using questionnaires to product purchasers and questionnaires to employee monitors. The results of these surveys are shared within the Group and reflected on sales and development strategies.

Taking calls 24 hours a day, 365 days a year

To satisfy customer expectations, it is necessary to think of customers throughout the sales, service, development, and manufacturing stages, and to quickly detect and respond dynamically to signs of market changes. As one strategy to provide a response to customers in Japan when they require one, in October 1998, Mitsubishi Electric extended the service hours of its Japan Customer Relations Center to 24 hours a day, 365 days a year.

Previously the center responded to inquiries concerning product usage only during daytime hours from Monday through Saturday except on holidays. Today, the Customer Relations Center and Service Call Center operate 24 hours a day, 365 days a year.

The Technical Support Call Center, which responds to technical inquiries from distributors, and the Repair Service Station, the stronghold of repair services operated by Mitsubishi Electric System & Service Co., Ltd., also respond to inquiries 365 days a year (excluding some regions).

As the relations center receives a wide array of inquiries every year due to the diversification of product functionality, we are constantly reinforcing staff members, and are making consistent efforts to provide proper training.
System of reviewing customers’ comments
The content and results of consultations and repair requests from customers and the details of technical inquiries are sent as feedback to the manufacturing works at the end of each day. They are used to improve both products under production and development, and to provide repair information to distributors.

Customer relations center
Customers’ comments that are collected by the Customer Relations Center are entered into a database and analyzed in terms of trend, and the analysis results are regularly sent to relevant manufacturing plants, sales companies, and research institutes. Manufacturing plants and sales companies utilize this information in their ongoing efforts to improve existing products and to make websites, catalogs, and instruction manuals even easier to understand. Research institutes utilize the information to refine products that are under development. Particularly with respect to information that is obtained following the release of a new product, efforts are made to convey customers’ expectations, wishes, and dissatisfactions regarding the new product to relevant departments in a timely manner, so they may review the feedback as quickly as possible.

At the same time, regular liaison meetings are held between each manufacturing plant and Customer Relations Center to identify medium-term issues that are brought to light by customers’ comments and enhance their cooperation in collecting further information.

Manufacturing plants
At Shizuoka Works, where Mitsubishi Electric manufactures air conditioners, quality improvement efforts are made by arranging opportunities for development engineers to personally hear the opinions of customers and provide feedback to their product development. More specifically, Shizuoka Works actively invites questions and comments from customers, or when a quality issue occurs that is thought to be of high technical difficulty, directly visits the customer’s home to inspect the product installation environment.

There are many cases where customers’ comments have benefited product development. With air conditioners, most inquiries are related to how to use the product and problems with cooling and heating functions. Therefore, direct visits are made to customers’ homes to personally hear their inquiries, and such visits are used to improve product quality by reflecting the results in design criteria or incorporating them into measures for improving product control specifications.

As an example, our unique sensory temperature control was developed based on customers’ comments, with some customers saying the air conditioner is too weak, and others saying it overcools. We looked into this issue and found that in addition to ambient temperature, humidity and floor temperature also affect sensory temperature. With regard to the noise of outdoor units, we found that not only the loudness but also the nature of the noise also makes a difference in how noise is actually heard, and thus incorporated this concept in our development evaluation criteria.

We will continue to refer to customers’ opinions as we continue to accumulate a history of Kirigamine air conditioners.
CS Activities by the Building Systems Group (in Japan)

The Building Systems Group handles elevators and escalators that provide vertical transportation within buildings and building management systems. By ensuring their safety and security and continuously delivering comfortable means of transportation and living spaces as indispensable social infrastructures on a global scale, we contribute to making society even more vibrant and sustainable.

Under the slogan “Quality in Motion”, the Building Systems Group continues to pursue the highest level of quality in relation to safety, comfort, efficiency, safety, and the environment in its overall business activities (sales, development, manufacturing, installation, and maintenance), making use of our advanced technologies and environmental expertise. By this means, we are able to provide our customers with optimal solutions and a level of security and reliability that wins their complete satisfaction.

24-hour, 365-day Safety Hotline

Mitsubishi Electric information centers situated in eight locations throughout the country provide a “safety hotline” for response in cases of trouble, such as failure signals and telephone calls from customers following issues with elevators, refrigerators, air-conditioning equipment, or other building facilities. Mitsubishi Electric information centers constantly monitor remotely the status of contracted customers’ building facilities. When an error signal is received, the system provides information on the current locations, works in progress, and even the technical levels of approximately 6,000 engineers, so that the most appropriate engineer closest to the customer’s building can be located and dispatched to the site immediately.

The system also supports the quick recovery of building functions, by taking actions such as e-mailing information on the history of repairs and other matters related to the building to the engineer, or processing urgent orders for parts. Moreover, by monitoring changes in data on the operational status of elevators and air-conditioning facilities, we can detect and address abnormalities before they develop into a malfunction and prevent problems from occurring.

Mitsubishi Elevator and Escalator Safety Campaign

Elevators and escalators are used to transport a large and indefinite number of persons, so a high level of safety is imperative, and they are thus required to be equipped with various safety devices and functions.

At the same time, to ensure safe operation, it is necessary to maintain the functioning of elevators and escalators through regular maintenance and inspection, and for people to use them correctly. Based on this awareness, we not only perform maintenance and inspection as appropriate, but have also been holding a safety campaign since 1980 to increase understanding of the proper usage of elevators and escalators among users and to promote their safe usage. We also hold explanatory meetings for users, to teach children, senior citizens, people with disabilities, and other such users the proper and safe way to ride elevators and escalators, as well as explanatory meetings for apartment and building owners and managers, with a focus on daily management methods and emergency responses. These meetings have been attended by more than 300,000 people to date, and will continue to be held as an important safety activity of the Mitsubishi Electric Group.
Responding to Product-Related Issues

| Basic Policy |
If we receive any report of a major issue occurring in a product that we have sold, we have a system in place that includes the top management to ensure quick and accurate decisions on the steps and measures to take, so that we can take proper action while always placing top priority on not inconveniencing our customers. In addition, we will share information on major issues that occurred with regard to products across the entire Group promptly to strengthen our ability to respond to such issues.

For recalls in particular, we work on an ongoing basis to ensure that all the relevant products that were sold are returned and repaired, and apply these efforts to a wide array of sales channels.

| Reporting Major Product Issues (in Japan) |
A detailed list of information pertaining to important product-related and quality issues is posted on Mitsubishi Electric’s Japanese-language official website.

Accident Reporting Based on the Consumer Product Safety Act

In Japan, we promptly release appropriate information on issues in consumer products, which directly and deeply affect consumers. Detailed information on our compliance with Japan’s revised Consumer Product Safety Act, which went into effect in May 2007, is available on Mitsubishi Electric’s Japanese-language official website.

Under our policy regarding the disclosure of accident information, we also disclose information on cases that are accidents related to products other than gas or oil equipment and that have not been identified as accidents caused by products or that have been determined as being uncertain as to whether they were caused by products.

Flow of responses to accidents (Mitsubishi Electric Group)
Human Rights

Concept of Respect for Human Rights

| Policy on Respect for Human Rights |

Protection of human rights and support for internationally agreed human rights are imperatives for the Mitsubishi Electric Group's business activities. Accordingly, as members of the Group, we recognize our duty to prevent any complicity with human rights violations. On that basis, the Mitsubishi Electric Group enacted its Corporate Ethics and Compliance Statement in 2001 and pledged that all executives and members of the Group “will conduct ourselves always with a respect for human rights, will not discriminate based on nationality, race, religion, gender, or any other reason.” As the Mitsubishi Electric Group continues to expand its business globally, in accordance with the spirit of the Mitsubishi Electric Group’s “Purpose” and “Our Values,” it has established this Human Rights Policy and shall raise awareness of human rights among its members and make sure to properly deal with related incidents in order to ensure that its business activities do not have a negative impact on human rights.

Mitsubishi Electric Group Human Rights Policy

| Action Guidelines of Respect for Human Rights |

In its ‘Code of Conduct,’ the Mitsubishi Electric Group has established the following guidelines for respecting human rights (excerpts follow).

- **Respect for Human Rights of Employees**
  - We prohibit forced labor, child labor, harassment, and all other acts that disregard individuality.
  - We prohibit discrimination based on race, ethnicity, nationality, gender, age, belief, religion, social status, gender identity/sexual orientation, disability, and so forth.
  - We ensure fair opportunities and treatment.
  - We protect personal data and other information.

- **Fair Employment**
  - We ensure compliance with labor-related laws and regulations as well as the work rules of each country and region, etc.

- **Respect for Human Rights**
  - We respect human rights based on international norms, thereby ensuring there are no human rights violations or other problems.

Mitsubishi Electric Group Code of Conduct

| Policy on Respect for Human Rights in the Supply Chain |

In 2018, we established the CSR Procurement Guidelines to inform suppliers of the Mitsubishi Electric Group’s approach to sustainability and the points that we expect suppliers to comply with, and we rolled the Guidelines out to our suppliers.

Based on the RBA Code of Conduct, the CSR Procurement Guidelines clearly prohibit forced labor, hazardous and harmful labor, and child labor; mandate a reduction in the number of excessive working hours; and ensure the right to a minimum wage, etc. We ask our suppliers to understand and comply with the Mitsubishi Electric Group’s approach.

Green Accreditation / CSR Evaluation
Transiting to RBA-compliant initiatives

| Respect for Human Rights in Utilizing AI |

The Mitsubishi Electric Group ensures that business activities that involve utilization of AI respect human rights.

Mitsubishi Electric Group AI Ethics Policy

| Ensuring Personal Information Protection |

In order to balance the usability of personal information while respecting the right to privacy, which is an essential human right, the Mitsubishi Electric Group is promoting personal information protection initiatives according to rules based on the eight privacy principles defined in the OECD Privacy Guidelines.

Initiatives for Personal Information Protection
Personal Information Protection Policy
Management System Related to Respecting Human Rights

In order to undertake human rights due diligence and other measures based on the United Nations Guiding Principles on Business and Human Rights, etc., the Mitsubishi Electric Group has been implementing the Plan-Do-Check-Act (PDCA) cycle, in which the results of human rights initiatives are confirmed and policies and plans are considered and approved in a meeting of the Sustainability Committee held every year.

In fiscal 2023, a permanent “Human Rights Subcommittee” was established as a subordinate organization to the Sustainability Committee in order to respond promptly to improve human rights initiatives and to resolve issues.

Since human rights issues relate to a wide range of fields, the responsible division is identified first to work on specific issues, while the Human Rights Subcommittee discusses and decides which direction to take with respect to issues of concern to the entire company. A system is in place for reporting progress to the Sustainability Committee and the Executive Officers Meeting, and to have the Executive Officers and Directors provide guidance and oversight.

The Human Rights Subcommittee is chaired by the Senior General Manager of the Sustainability Planning Division and consists of the heads of the relevant divisions.

In addition, the Human Rights Working Group, which is composed of Section Manager-level members from the divisions that make up the Human Rights Subcommittee, examines the practical implementation of various human rights-related initiatives.

In fiscal 2023, the Human Rights Subcommittee met three times, while the Human Rights Working Group met eleven times. The main agenda items of the Human Rights Subcommittee meetings held in fiscal 2023 were as follows.

### Human Rights Management

Based on its “Human Rights Policy,” the Mitsubishi Electric Group identifies “respect for all people” as materiality and promotes the following initiatives.

### Mid- to Long-Term Goals and Roadmap for Human Rights Initiatives

The Human Rights Subcommittee discussed mid-to-long-term goals and the roadmap for respecting human rights since human rights initiatives are diverse and must be prioritized, and improvements must be ongoing rather than one-off activities.

In the short term (one year), specific action items and KPIs are set, and the Human Rights Subcommittee and the Sustainability Committee follow up on the results.

#### Mid- to long-term goals and the roadmap for human rights initiatives (in brief)

**Step up in stages**

<table>
<thead>
<tr>
<th>Vision for the year 2030</th>
<th>Long-term goals</th>
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<tbody>
<tr>
<td><strong>STEP 3 (year 2026-2030)</strong> Establishment of human rights DD, establishment of understanding of respect for human rights</td>
<td><strong>We prioritize health and safety, promote human diversity, and respect personalities and human rights.</strong></td>
</tr>
<tr>
<td><strong>STEP 2 (year 2025-2027)</strong> Expansion of the scope of STEP 1 activities</td>
<td><em>Humanity-related aspects of the Mitsubishi Electric Group’s “Our Values”</em></td>
</tr>
<tr>
<td><strong>STEP 1 (year 2022-2024)</strong> Establishment and implementation of initiatives in accordance with international norms and global standards</td>
<td>Reduction of business continuity risks (hard law response)</td>
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<td>Realization of a corporate culture where diversity is respected and everyone can work actively</td>
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<td></td>
<td>Realization of a responsible supply chain</td>
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<tr>
<td></td>
<td>Establishment of human rights initiatives based on international norms (soft law)</td>
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</tbody>
</table>

**Mid-term goals**

We prioritize health and safety, promote human diversity, and respect personalities and human rights.

*Humanity-related aspects of the Mitsubishi Electric Group’s “Our Values”*
1. Identification and assessment of negative impacts on human rights (Human Rights Impact Assessment)
The Mitsubishi Electric Group periodically carries out “Human Rights Impact Assessments” in order to assess the impact of the Group’s business activities on human rights. The human rights impact assessment conducted in fiscal 2022 at a total of 417 sites among Mitsubishi Electric, domestic affiliates, and overseas affiliates identified human rights issues for which the Mitsubishi Electric Group should strengthen its efforts and evaluated the statuses of efforts at each site.

2. Correcting, preventing, and mitigating negative impacts on human rights
The Mitsubishi Electric Group has taken the following actions to address the issues identified.

<table>
<thead>
<tr>
<th>Human rights issues to be addressed and strengthened</th>
<th>Overview</th>
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<tbody>
<tr>
<td>Harassment prevention</td>
<td>We strengthened the following efforts:</td>
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<td></td>
<td>• Awareness-raising activities, including the publication of a harassment prevention handbook</td>
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<td></td>
<td>• Reduction in the number of long working hours by implementing organizational culture reform</td>
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<td></td>
<td>• Partial acquisition of ISO 45001 certification</td>
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<tr>
<td>Working time management</td>
<td>Regarding harassment prevention, reform of working practices and reduction in the number of long working hours, and occupational health and safety initiatives</td>
</tr>
<tr>
<td>Occupational health and safety</td>
<td>• In addition to the harassment and diversity training that has been conducted, we explained business and human rights, the Mitsubishi Electric Group Human Rights Policy, and other topics in the new company-wide training course “Sustainability in the Mitsubishi Electric Group.”</td>
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<tr>
<td>Human rights education</td>
<td>• In addition to our existing CSR procurement activities, we are exploring the possibility of implementing the supply chain management process of the Responsible Business Alliance (RBA), which we joined in 2022 (we plan to start explaining the process to our suppliers in fiscal 2024).</td>
</tr>
<tr>
<td>Supply chain human rights initiatives, addressing conflict minerals</td>
<td>• We joined the Japan Center for Engagement and Remedy on Business and Human Rights (JaCER) primarily to strengthen the collection of human rights complaints across the supply chain.</td>
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<tr>
<td></td>
<td>• We have improved user accessibility by providing a separate “Human Rights Contact Desk” on our official website and by improving the homepage (landing and description) in the “Inquiries on Sustainability” section of the official website.</td>
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</tbody>
</table>

In addition, at any site where human rights efforts are deemed inadequate, improvement plans are developed to correct, prevent, or mitigate negative impacts on human rights.

3. Tracking and evaluating human rights initiatives
We review the progress of each site’s plans and strive to achieve continuous improvement.

To identify significant human rights issues in our operations, we plan to conduct a more objective human rights impact assessment based on global standards with the help of external human rights experts.

<table>
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<tr>
<th>Initiatives Related to Employee Human Rights</th>
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<tbody>
<tr>
<td>We will respect the human rights of employees and implement initiatives, such as embracing diversity, maintaining a favorable working environment, and ensuring occupational safety and mental and physical health, in order to create a work environment where all employees can work actively with a sense of security.</td>
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<tr>
<th>Human Rights Initiatives in the Supply Chain; Joining the RBA</th>
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<tbody>
<tr>
<td>Since fiscal 2019, we have been seeking consent from suppliers to agreement on initiatives for social issues including human rights issues.</td>
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<tr>
<td>We joined the Responsible Business Alliance (RBA), an alliance that promotes corporate social responsibility in the global supply chains. We commit to progressively align our own operations with the provisions of the RBA Code of Conduct, to promote continuous improvement of our sustainability efforts.</td>
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</table>
Compliance with Laws and Regulations on Human Rights

Mitsubishi Electric is working with relevant divisions to respond in a timely and appropriate manner to legislation being developed in various countries regarding the implementation of human rights due diligence by companies.

UK Modern Slavery Act
In fiscal 2017, Mitsubishi Electric Europe B.V. and Mitsubishi Electric Air Conditioning Systems Europe Ltd. issued a statement in response to the Modern Slavery Act that was enacted in the UK with the aim of eradicating forced labor, human trafficking, and other such acts that constitute "modern slavery." We update the content of the statement and disclose it every year. Due consideration is also given to the UK Gender Pay Gap Report.

Australian Modern Slavery Act
Mitsubishi Electric Australia submitted a Modern Slavery Statement to the Australian authorities in response to the Modern Slavery Act enforced in Australia as of January 1, 2019.

Human Rights Education

The Mitsubishi Electric Group takes various opportunities to educate its employees on human rights.

Hierarchy-specific training
For new employees and newly appointed managers, we provide ongoing training programs regarding human rights. In the training for managers, after completing the course, participants confirm from a manager’s perspective whether any problems have occurred in their own workplaces, thereby facilitating the realization of workplace environments in which employees can work comfortably.

Company-wide training (e-learning)
In the "Mitsubishi Electric Group Sustainability" e-learning course for all employees of Mitsubishi Electric and its domestic affiliates, we provide education on global trends in human rights, the reasons why human rights must be respected, and the Mitsubishi Electric Group's human rights policy, etc., to provide employees with opportunities to deepen their understandings of the importance of corporate efforts to respect human rights.

Harassment training
To prevent harassment by promoting proper understanding of harassing behavior and practicing appropriate communication skills when performing work, Mitsubishi Electric started conducting harassment training in the second half of fiscal 2020.

The training includes not only providing information on power harassment and sexual harassment, including harassment against people of the same sex and LGBTQ people, maternity harassment, SOGI harassment, and so on but also introducing specific case studies of harassment. Lectures are given that allow each employee to identify any harassment issues in the workplace and report and communicate any issues that they have become aware of by communicating internal and external points of contact for consultation to everyone.

We have deployed this harassment training program to affiliates. In particular, all employees of Mitsubishi Electric and its domestic affiliates have completed the e-learning program on harassment prevention implemented in accordance with the Mitsubishi Electric Workplace Culture Reform Program.
### Grievance Handling Mechanism

**Primary contact point for human rights grievances**

The Mitsubishi Electric Group has established several contact points to receive human rights inquiries from various stakeholders as listed in the table below.

In fiscal 2023, to further strengthen prompt identification of information on human rights violations in the supply chain and remediation activities, as well as to improve transparency in complaint handling, we joined the Japan Center for Engagement and Remedy on Business and Human Rights ("JaCER") as a founding member (regular member) in October 2022. This enables Mitsubishi Electric stakeholders to report grievances to JaCER, a non-judicial grievance platform in accordance with the UN Guiding Principles on Business and Human Rights.

In addition, JaCER participants, including Mitsubishi Electric, can obtain third-party investigations, advisory mediation, and other services through JaCER as needed. Furthermore, we have improved user accessibility by providing a separate “Human Rights Contact Desk” on our official website and by improving the homepage (landing and description) in the “Inquiries on Sustainability” section of the official website.

Mitsubishi Electric's main points of contact for whistleblowing/consultation

<table>
<thead>
<tr>
<th>Service available to</th>
<th>Name of point of contact for whistleblowing/consultation</th>
<th>Matters to be consulted</th>
<th>Contact</th>
</tr>
</thead>
</table>
| Various stakeholders (customers, people in the community) | *Inquiries on sustainability* and *Other Inquiries* on the Mitsubishi Electric Group official website | - Inquiries regarding the Mitsubishi Electric Group’s sustainability  
- Other various inquiries regarding the Mitsubishi Electric Group’s business activities | <Japanese>  
Inquiries on sustainability  
Other inquiries  
<Global (English)>  
Inquiries on sustainability  
Other inquiries |
| Japan Center for Engagement and Remedy on Business and Human Rights (JaCER)*1 | Whistleblowing or consultations on human rights violations within the Mitsubishi Electric Group, especially those in the supply chain. | JaCER |
| Mitsubishi Electric employees, group companies employees**, suppliers to Mitsubishi Electric** | Ethics observance hotline | Whistleblowing or consultation regarding organized or individual employees’ fraud, legal violation, act of breach of ethics | Internal points of contact/external points of contact (lawyers)**3*4 |
| Mitsubishi Electric employees | Points of contact for consultation on sexual harassment, power harassment, etc. | Whistleblowing or consultation on various types of harassment in Mitsubishi Electric’s workplace | Human Resource Div. at each office of Mitsubishi Electric |

*1 The Japan Center for Engagement and Remedy on Business and Human Rights (JaCER) provides a non-judicial “Engagement and Remedy Platform,” in accordance with the UN Guiding Principles on Business and Human Rights. The ‘Engagement and Remedy Platform’ receives grievances and reports of violations or alleged violations of international and national codes of conduct as well as assists member companies in addressing grievances.

*2 Limited to whistleblowing that is relevant to Mitsubishi Electric in personal and business aspects.

*3 The points of contact are listed on Mitsubishi Electric’s intranet, internal posters, “Code of Corporate Ethics and Compliance” etc.

*4 A whistleblowing system has been established at each domestic and overseas family companies of the Mitsubishi Electric Group.

### Responding to human rights grievances

In response to individual reports on human rights risks, the responsible division shall promptly confirm the facts of the case in accordance with the consultation content.

In the event that a human rights violation or other problem is identified to have resulted from the Mitsubishi Electric Group’s business activities, we shall promptly implement corrective and remedial measures as well as take appropriate actions, including responding to victims and considering disciplinary measures for those who committed such violations, etc.

The Mitsubishi Electric Group’s main point of contact shall share the details of each consultation with the division in charge of resolving the problem. Nevertheless, efforts shall be made to minimize information sharing among the parties concerned.

No whistleblower shall be retaliated against by any company or individual for making a report.
| Discussion with External Parties |

In order to make the Mitsubishi Electric Group’s efforts for human rights issues effective, we have discussions with experts, human rights NGOs and other parties to receive advice on human rights initiatives.

In fiscal 2023, as part of the “Business and Human Rights Academy: Human Rights Due Diligence Training for Japanese Companies” organized by the United Nations Development Programme (UNDP), we had the opportunity to participate in individual sessions with human rights experts from Japan and overseas. In this session (held in January 2023), Ms. Alice Cope (Director and Chief of Operations, Pillar Two) and Mr. Hideaki Umetsu (Mori Hamada & Matsumoto) provided in-depth advice on the Mitsubishi Electric Group’s ongoing human rights due diligence and supply chain management issues.

Ms. Alice Cope commented on the importance of collaboration among companies to prevent and address negative impacts on human rights, the importance of ensuring that every employee understands why respecting human rights is part of their role, and clarifying our expectations of suppliers in key documents such as our human rights policies.

Mr. Hideaki Umetsu advised us to include human rights clauses in basic transaction agreements and also commented on the importance of making employees understand that they too are rightsholders in order to expand human rights activities within the Group.

The advice we received was shared and discussed at the Human Rights Subcommittee meeting held in March 2023, and will be reflected in our future efforts to respect human rights in the Mitsubishi Electric Group for continuous improvement.

Exchanging Opinions with Experts

Mitsubishi Electric provides opportunities to receive opinions from experts who are active in various fields and have deep knowledge and experience. Last fiscal year, we held a session for exchanging opinions about the theme of "Inclusion" with Ms. Leah Katz-Hernandez, an advisor to the Mitsubishi Electric America Foundation, and two Mitsubishi Electric executive officers in charge of sustainability.

“Technology Utilization and Inclusion”

Ms. Leah Katz-Hernandez
Microsoft CEO Communications Manager
(Advisor to Mitsubishi Electric America Foundation)

[Career]
Leah Katz-Hernandez is a communications expert and inclusion advocate, and the first deaf person to serve as a reception at the White House during the Obama administration. Most recently, President Biden appointed her to the President’s Advisory Council on Promoting Equity and Economic Opportunity in Hispanic Education. After participating in the support program of the Mitsubishi Electric America Foundation, she became an advisor in 2017.

The use of technology can go a long way toward fostering a culture of inclusion in the workplace. Technology enables people with disabilities to work on an equal footing with peers without disabilities. When people with disabilities work together with people without disabilities, they can create more sophisticated services and products, which leads to increased value for the company.

For example, online communication, which has spread rapidly over the past decade, is not suitable for the hearing-impaired. It was difficult to use because I couldn't hear what was being said. Recently, however, captions can be displayed, making it much easier to communicate and obtain information. This technology is also useful for non-native speakers who want to keep meeting notes or learn another language.

In this way, products and services that are convenient for people with disabilities are useful for everyone.

I sincerely hope that Mitsubishi Electric’s five areas of social issues, "Inclusion," will be addressed from such perspective.
AI Ethics Policy

Mitsubishi Electric Group AI Ethics Policy

The Mitsubishi Electric Group has declared that it will contribute to the realization of a vibrant and sustainable society through continuous technological innovation and ceaseless creativity. In accordance with this, we will contribute to the realization of a sustainable society by solving social issues through technological innovations in AI. Furthermore, the Mitsubishi Electric Group will promote the responsible development and use of AI, taking into account not only convenience, but also safety and security. In addition, we will adapt and evolve this policy based on changes in the technology related to AI, social trends, and continuous dialogue with diverse stakeholders. In summary, using this policy as a guide, the Mitsubishi Electric Group will create a brighter tomorrow by contributing to the realization of a society of Human-Centered AI.

1. Realization of a Human-Centered AI society
   The Mitsubishi Electric Group aims to realize a society in which human dignity is protected by developing and utilizing AI that leads to people’s happiness and active participation in the society.

2. Fair and non-discriminatory utilization
   The Mitsubishi Electric Group recognizes the possibility that decisions may be biased in AI-equipped products and services, but will always strive to treat people fairly and not discriminate in a society where diverse people coexist. In addition, the Mitsubishi Electric Group will seek cooperation with the customers and business partners who we provide AI products or services to, so that fairness principles are respected in all applications of AI technology.

3. Ensuring safety and security
   The Mitsubishi Electric Group aims to ensure that the lives and freedoms of people in our society are not threatened by rigorously testing the safety of products and services equipped with AI to ensure that they work as expected. We will also continue to work on security measures such as protecting the AI products and services against unauthorized access by outsiders.

4. Consideration for privacy
   The Mitsubishi Electric Group believes that the appropriate handling of data including personal information is of utmost importance and will work to ensure that the privacy of data associated with AI-equipped products and services is maintained.

5. Transparency and accountability
   The Mitsubishi Electric Group strives to enhance the transparency of AI by explaining the reasons for certain decisions in AI-equipped products and services. In addition, through continuous dialogue with diverse stakeholders, we will aim to be accountable regarding the purpose of use and usage of AI, as well as the various effects that could be expected when using AI-equipped products and services.

6. Development of AI and Human Resources
   The Mitsubishi Electric Group will continuously evolve AI technologies and AI-equipped products and services. Also, we will train our employees to understand AI technologies and issues, enabling them to contribute to the realization of a Human-Centered AI society.

7. Compliance with laws and regulations
   The Mitsubishi Electric Group will comply with the laws and regulations of each country and region in the development and utilization of AI-equipped products and services.
Human Capital

Basic Policy on Human Capital

| Basic Policy |

In the Mitsubishi Electric Group Medium-term Management Plan for FY2026, the Mitsubishi Electric Group states it will contribute to realizing a vibrant and sustainable society, including response to decarbonization, by increasing the provision of integrated solutions through the strengthening of the business management foundation, promoting digital transformation, and other activities. People are the driving force behind this sustainable growth, and we will continue to promote "human capital management," which views "people as the capital that creates future value." To regain the trust of society and to develop as a "Circular Digital-Engineering Company" amid increasingly intense global competition, the Mitsubishi Electric Group will implement all kinds of reforms by mobilizing all of our human capital, i.e., our diverse and versatile "individual" powers.

- **Human capital development**

  Recognizing that "business development and social contribution cannot be achieved without employee growth," we will raise the overall level of our employees by investing in education and training for all employees, and nurture "diverse and versatile human capital" who will practice ‘Changes for the Better’ by thinking independently, acting proactively, and continuing to take on challenges.

- **Achievement of the internal environment**

  To achieve sustainable growth, we believe it is important to create a work environment in which each and every employee can maximize their abilities within a limited time frame. We will therefore promote a sense of unity and collaboration with our organization by respecting diversity, individual fulfillment, and enhancing engagement as well as improving the working environment to realize one in which everyone can work realizing a safe, secure, and rewarding.

- **Human capital investment**

  In Japan, we have been continuing to invest in the hiring of more than 3,000 new graduates and mid-career people every year. We also promote the reinforcement of human capital overseas in an attempt to strengthen our business and technology development, marketing, and manufacturing capabilities. We will continue to secure and invest in the necessary human capital for strengthening our business.

Workforce Diversity & Inclusion

| Basic Policy |

As the business environment around Mitsubishi Electric Group is rapidly changing, providing a workplace where employees can work to their full potential regardless of gender or age is essential to business development. Furthermore, it has become more vital than ever before to employ an even greater diversity of people, given the increasingly aging and diminishing population in Japan. Based on this awareness, Mitsubishi Electric promotes employee diversity through the following measures.

| Promotion Framework |

In April 2021, Mitsubishi Electric established the Diversity Promotion Office within the Corporate Human Resources Division, and in addition to the existing measures to support the personal and career development of women and employees raising children, we have been implementing various initiatives aimed at creating a workplace environment and culture that recognizes diversity in the way employees work and as a broader concept.

In April 2023, this organization has been reorganized as the "Human Capital Management Group," and is working to strengthen various initiatives, considering the promotion of diversity as part of the overall efforts for talent management, including the promotion of women to management positions. Through these efforts, we aim to create a workplace where diversity, including not only gender, but also age, nationality, disability, sexual diversity (LGBTQ) and work style, is respected and where individuals can maximize their abilities and work actively.

| Women's Participation |

Mitsubishi Electric formulated an action plan based on the Act on Promotion of Women’s Participation and Advancement in the Workplace* and set the following targets. To achieve these targets under the current action plan, we have created measures such as nurturing young employees by giving them business experience and providing training opportunities in a systematic manner, as well as the proactive dissemination of information regarding various support systems for balancing work and family life.

- Act enacted in 2016 which stipulates the responsibilities of the national government, local governments, and general employers in promoting female participation with the aim of realizing a society in which women can fully embody their individuality and abilities.

Employment situation

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*Women in equivalent management positions* refers to the number of women in management positions with equivalent duties and responsibilities to those of a section manager.

**Percentage of women in management positions** refers to the ratio of women to all management positions.

*As of March 31 for the relevant fiscal year.*
Mitsubishi Electric’s Action Plan based on the Act on Promotion of Women’s Participation and Advancement in the Workplace (Target: FY2026)

<table>
<thead>
<tr>
<th>Initiatives</th>
<th>Target</th>
<th>Performance for FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage of woman in management</td>
<td>2 times (Compared to FY2021)</td>
<td>1.38 times</td>
</tr>
<tr>
<td>Percentage of newly hired women</td>
<td>1.2 times (Compared to the average for FY2017–2021)</td>
<td>1.3 times (FY2022–2023)*2</td>
</tr>
<tr>
<td>Percentage of men on childcare leave*2</td>
<td>70%</td>
<td>76.1%</td>
</tr>
</tbody>
</table>

*1 Total from FY2022
*2 Includes those who obtained special leave for childcare purposes

Initiatives for Even Greater Participation of Women
Career forum for young female employees
A career forum is offered to young female employees to actively inspire them to form a career vision that considers work-life integration. Through a lecture personally given by the president on the managerial significance of promoting women’s participation, talks by a woman outside director of the company on her own career experiences and her thoughts about working, stories of senior employees’ personal experiences, and group discussions, the forum, attended by around 200 people every year, encourages woman employees to think independently and act proactively, and promotes personal networking. In addition to this forum that is held at the Head Office, exchange events are also held in some offices.

Strengthening management capacities
Various efforts are made to raise management’s awareness of women’s participation and strengthen management capacities. For example, a curriculum on women’s participation is included in the training program for newly appointed managers, to disseminate an understanding of the managerial significance of women’s participation and considerations to be heeded in the management of woman subordinates.

Handbook on supporting work/childcare balance for employees and supervisors
Various initiatives are in place so that employees who have taken childcare leave can smoothly return to the workplace and perform to the maximum of their ability while caring for their children. For example, a handbook is distributed both to these employees and their supervisors, and regulations require that these employees meet with their supervisors periodically before and after returning to their positions.

Furthermore, in FY2023, we introduced a new training program for employees returning from childcare leave (including men taking childcare leave) and their supervisors as an opportunity for both parties to communicate with each other in an inclusive manner.

Recruitment to promote women’s participation: Organizing events to promote further understanding of Mitsubishi Electric and producing promotion Media (websites, leaflets, etc.)
Mitsubishi Electric makes active efforts to recruit woman students by setting a future goal for the woman ratio in new recruits in the company’s Action Plan, pursuant to the Act on Promotion of Women’s Participation and Advancement in the Workplace.

Various events are organized to actively disseminate genuine perspectives on working at Mitsubishi Electric. These include exchange forums where woman students in science can interact with woman employees at various business areas and occupations, from junior employees and other employees who have children to managers, and seminars that include a tour designed to introduce in-house facilities at Mitsubishi Electric. Websites and leaflets that introduce the way Mitsubishi Electric’s woman employees carry out their jobs and their careers are also produced and meetings are held with employees who are former students of the same university as candidates. The whole of Mitsubishi Electric Group is actively making efforts to promote women’s participation and advancement in the workplace; its domestic group companies create websites featuring woman employees; Mitsubishi Electric’s overseas sites lead participation in “Grace Hopper Celebration,” the world’s largest event for exchanges between personnel, as a sponsor company.

Acquisition of Eruboshi
Mitsubishi Electric has received Eruboshi (Grade 2) from the Ministry of Health, Labour and Welfare as an outstanding enterprise in promoting women’s participation and career advancement.
Providing Diverse Employment Formats for Older Employees

In Japan, Mitsubishi Electric instituted various multi-track personnel systems in FY 2002, which makes diverse employment formats possible by allowing employees aged 50 and over to choose from among a variety of options. The options include financial assistance for an employee’s “second life” following retirement, a “second life” support program that provides two years of paid vacation, and extending employment up to the age of 65 through a reemployment program. In April 2021, we introduced a rehiring system that allows for extended employment up to age 70. We will continue to build an environment in which older workers with a wealth of experience and skills can work actively.

Furthermore, we also offer an annual “Next Stage 50” training session at each of our business site to employees turning 50 years old. The sessions encourage employees to take an interest in planning the rest of their lives and designing a rewarding lifestyle by providing information on pensions and retirement benefits, social insurance, health, and other topics.

Employees in their fifties can choose one style of working from among various options:

- **Next Stage 50 (Age 50)**
  - Preparation for a new life after retirement
  - "Career Plan" option (Age 59)
  - Retirement at standard age
  - "Second Life" support system (leave of absence, lump sum payment)
  - Retirement for re-hired workers (Up to age 70)

- **Retirement routine retirement procedures**

Promoting Employment of People with Disabilities

The Mitsubishi Electric Group has been actively employing people with disabilities in various companies from the perspectives of sustainability and diversity promotion. We promote barrier-free initiatives to create comfortable work environments for people with disabilities. In October 2014, Mitsubishi Electric established Melco Tender Mates Corporation, a special subsidiary* that specializes in businesses mainly suited to people with intellectual disabilities. As of March 15, 2023, people with disabilities comprised 2.48% of the total workforce at Mitsubishi Electric and its special subsidiaries combined. The company name of Melco Tender Mates Corporation expresses the principle that employees with or without disabilities are equal partners in the workplace and peers who mutually care for each other. The company mainly engages in the cleaning service, cafe, business card, food service, and health promotion (massage) businesses, and employs 122 people with disabilities as of March 15, 2023.

The company plans to gradually expand its operations and further promote the employment of people with disabilities by opening a cookie factory in FY 2018, the Nagoya Works in FY 2021, the Himeji Works in FY 2023, and the Itami Works in FY 2024.

* Special subsidiary: A company that meets certain requirements under Act to Facilitate the Employment of Persons with Disabilities (Employment Promotion Act for Persons with Disabilities), and is deemed to be one business establishment (employed by the parent company) of the parent company (Mitsubishi Electric Corporation) after receiving permission from the Minister of Health, Labor and Welfare, and also is included in the parent company’s employment rate for persons with disabilities as an exception.

Changes in the Ratio of Hired People with Disabilities

- **Statutory employment rate**
- **Actual average employment rate (consolidated across three companies)**

* Figures are fiscal year averages.
Initiatives for LGBTQ

Mitsubishi Electric respects diversity and promotes initiatives that deepen understanding on sexual diversity (LGBTQ), with the aim of realizing a workplace environment where all individuals can maximize their own ability and work actively. In June 2021, the president sent out a message that we would develop a workplace environment that was comfortable for LGBTQ people and all other employees to work. We have designated June as the Mitsubishi Electric Pride Month and we will conduct initiatives to understand sexual diversity (seminars for the management and human resources divisions to understand LGBTQ, and e-learning for employees). We have established an external contact point for consultation for use by not only LGBTQ people but also their superiors (supervisors who are holding a higher level position in the company) and colleagues at the workplace.

Recognition of Same-sex Partners as Spouses

In March 2022, we reviewed the Work Regulations to recognize same-sex marriage partners as spouses and to apply the same systems to these couples as those that are applied to legally married people.

“PRIDE Index 2022” Gold Award Received

Mitsubishi Electric received the Gold award for the “PRIDE Index 2022,” an index developed by the private organization “work with Pride” to evaluate initiatives for LGBTQ people and other sexual minorities at workplaces in Japan. In recognition of its ongoing commitment to sexual diversity (LGBTQ), Mitsubishi Electric received the Gold award for the first time, following the Silver award in 2021.

Supporting Career Development

Basic Policy

“A company is its people, and cannot grow without their growth. The development and utilization of human capital is the source of a company's development, and education is a fundamental undertaking that creates the foundation of management.” Under this principle, the Mitsubishi Electric Group believes it is important to link the expertise, skills, and mentality it has cultivated as an organization to maintaining and strengthening corporate competitiveness and contributing to society. By adding new values at times and achieving further growth, we actively promote human capital development for all our employees.

As a global company, the Mitsubishi Electric Group has 203 consolidated subsidiaries in Japan and overseas, with approximately 140,000 employees working around the world. We are working to assign and develop human capital with the aim of creating a corporate entity in which all Mitsubishi Electric Group employees can enjoy working with a sense of responsibility and vitality while instilling our purpose in our group employees and sharing our values globally. As part of this effort, a video introducing Mitsubishi Electric’s history and purpose has been produced and made available in multiple languages, with the aim of spreading the purpose and empathy for its values on a global scale.

Human Capital Development System Supports the Skills Development of Each and Every Employee

The Mitsubishi Electric Group’s training system for all employees, including those of group companies, consists of passing down everyday business know-how and mindset through on-the-job training. Knowledge and skills that are difficult to acquire through on-the-job training as well as career development are provided through off-the-job training on a supplementary basis while proactively holding online seminars. Off-the-job training consists of conferring information on ethics, legal compliance, and other matters. Exceptional teachers from inside or outside the company provide expertise and skills training, or motivational training. Tests and competitions to improve skill levels are conducted, and practical training or international study opportunities at overseas sites and universities in Japan and abroad are provided. With regard to new graduate employees and mid-career hires, we provide company orientation and training sessions to give them employee mindset and educate them on basic knowledge, management principles, compliance, and other matters.

Mitsubishi Electric has also introduced job-level specific training to provide each individual with the opportunity to acquire the abilities and skills required at each stage of their career, with the aim of enabling them to fulfill their respective roles and expectations. This training program places particular emphasis on strengthening communication skills for younger employees and management skills, including leadership and the development of subordinates and junior colleagues, for mid-level and managerial employees, in an effort to foster a culture of development throughout the workplace.

For managers, we are working to support the acquisition of skills such as measures to revitalize communication in the workplace, active listening, and stress management methods,
so that they can provide support tailored to the needs of each employee working directly under their supervision. We will promote the development of core human capital in order to create a workplace with openness for communication.

### Development of core management personnel

Mitsubishi Electric has been building the "Mitsubishi Electric Business Innovation School" program as a measure for developing core management personnel. From fiscal 2023, it will review the content of the program and further strengthen the development of human capital that will drive businesses, including work to bolster areas such as compliance and sustainability for the Group as a whole.

In addition, Mitsubishi Electric has also been building a wide range of management executive development programs, including the introduction of business coaching to personnel in executive management positions and dispatching potential next-generation leaders to business schools in Japan and overseas.

### Strengthening and handing down technologies and business capabilities

In pursuit of strengthening its technologies and business capabilities, Mitsubishi Electric has been developing group-wide seminars under the name "MELCO Seminar" that can be selected and attended according to the needs of each individual. Approximately 450 types of seminars are provided in total, with more than 20,000 annual participants. Online courses are also provided, making it easy to attend from any office. In addition, we have set up the "Advanced Technology System Course" as the top level seminar course to bolster our important technologies, and we are focusing efforts to develop key persons in the relevant areas. Moreover, a knowledge sharing network has been constructed between Group companies. In the Engineering Divisions’ Meeting, the largest organization in the network, approximately 20,000 people participate in a total of 14 meetings featuring lectures given by people invited from outside of the company, presentation sessions within the Group, workshops, and many other mutual study activities to relay a broad range of information. We have also established technical help desks through which new employees can consult with highly experienced employees via the company intranet.

### Strengthening and handing down skills

A skills competition is held annually as a measure to strengthen the skills of the Mitsubishi Electric Group, with the aim of "handing down skills and raising skills to even higher levels," "further creating a climate that respects skills," and "developing top-level technicians." The company-wide competition is joined by representatives from manufacturing facilities and has approximately 130 participants in total. The CEO also attends the opening and awarding ceremonies. As a measure to improve the ability of supervisors, company-wide supervisor meetings and supervisor training programs are held to hand down skills at each manufacturing site.

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**Human capital development system diagram (Mitsubishi Electric)**

<table>
<thead>
<tr>
<th>Management candidate development</th>
<th>Key functional person development</th>
<th>Functional training</th>
<th>Level-specific training</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategy</td>
<td>Strategy</td>
<td>Strategy</td>
<td>Strategy</td>
</tr>
<tr>
<td>Strategic Thinking</td>
<td>Strategic Thinking</td>
<td>Strategic Thinking</td>
<td>Strategic Thinking</td>
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<tr>
<td>Asian Frontier</td>
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<td>Asian Frontier</td>
<td>Asian Frontier</td>
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<tr>
<td>Human capital development system diagram (Mitsubishi Electric)</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**Annual amount of human resources development and training expenses per employee (Mitsubishi Electric)**

Approx. 124,000 yen/person

*Results solely for training organized by corporate divisions in FY2023; does not include training conducted by divisions and production sites. (Note that trainee training is included in the results.)
Global Human Capital Development

Global (borderless) organization management and human capital utilization

Mitsubishi Electric is working to utilize human capital across countries in an attempt to assign excellent personnel at optimal positions regardless of nationality or race. In fiscal 2022, the Global Mobility Guidelines were established for the purpose of promoting personnel changes between third countries without intervention from Japan. We are also working on borderless organizational management to make the most of online communication, while gradually implementing a virtual assignment mechanism in which employees engage in the business of a Group company in another country while staying in their own country.

Promotion and training of international staff from overseas affiliates to senior management positions

In our overseas affiliates, we are driving promotion of quality international staff to senior management positions with the purpose of enhancing the management of local businesses and improving employee engagement. We intend to achieve this by organically linking training and placement, including career development through training and the formulation of succession plans. In addition to the training plans in each company and each region (regional management), Mitsubishi Electric also takes initiative in conducting training in Japan. To be specific, engineers in overseas affiliates stay in Japan to participate in training to learn technologies and skills at production sites. Selected executives and those in management positions in overseas affiliates gather at the Mitsubishi Electric headquarters to go through training to learn the necessary knowledge and mindset as a global leader as well as to understand management in the Mitsubishi Electric Group. While participating in training from overseas, the international staff grow as individuals and develop a sense of unity as the Mitsubishi Electric Group and a network, which transcends national borders and is connected globally.

In FY 2023, training programs have been resumed one after another and face-to-face training has begun with participants from various countries coming to Japan.

In April 2023, the first MGEP* participant has been appointed as a senior executive officer of Mitsubishi Electric, and we will continue to organically link the training and deployment of national staff to further expand the program.

Trend in the number of people from overseas participating in training programs held in Japan

<table>
<thead>
<tr>
<th>Year</th>
<th>MGEp</th>
<th>GMW</th>
<th>WKP</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>5</td>
<td>29</td>
<td>91</td>
</tr>
<tr>
<td>2019</td>
<td>7</td>
<td>30</td>
<td>105</td>
</tr>
<tr>
<td>2020</td>
<td>Canceled due to the impact of COVID-19</td>
<td>Canceled</td>
<td>Canceled</td>
</tr>
<tr>
<td>2021</td>
<td>18</td>
<td>18</td>
<td>22</td>
</tr>
<tr>
<td>2022</td>
<td>15</td>
<td>30</td>
<td>23</td>
</tr>
<tr>
<td>Cumulative total</td>
<td>53</td>
<td>238</td>
<td>407</td>
</tr>
</tbody>
</table>

MGEp : Mitsubishi Electric Global Executive Program (In some years, one or two selected members in Japan may participate.)
GMW : Global Management Workshop
WKP : Workshop for Key Personnel
Strengthening Career Ownership by Respecting Employee Autonomy and Challenges

Transfer Opportunities that Contribute to Employees’ Career Development
In order to support employees’ autonomous career development, Mitsubishi Electric instituted an internal recruitment system (Job-Net) and job search system (Career Challenge System).

Job-Net enables employees to apply for job openings within the Mitsubishi Electric Group that are posted on the intranet.

Career Challenge System is a system in which employees register their career aspirations, experience, skills, and so forth and the recruiting department then makes offers to them.

Both Job-Net and Career Challenge System allow for transfers to be realized through mutual matching between employees and the recruiting department. Approximately 100 employees were transferred using these systems in fiscal 2023.

Lifestyle Design Training
We offer an annual “lifestyle design 40” training session at each of our business sites to employees turning 40 years old. The sessions encourage employees to take an interest in planning the rest of their lives and designing a rewarding lifestyle by providing information on career design and mid- to long-term life planning, including retirement benefits and health, and other topics, and by facilitating group discussions.

Self-development Support Program
Mitsubishi Electric instituted a self-development support program that supports employees’ voluntary skills development based on a human capital development system that allows employees to take the initiative to actively develop their own skills.

The program provides support in the form of money and time for participants in educational programs inside and outside the company and also pays bonuses to employees that have acquired certain external certifications. The program is intended to foster a corporate culture in which each and every employee independently and actively takes on the challenge of developing their skills to reach higher goals as a professional.

Establishment of the Career Consulting Room
In order to strengthen support for employees’ “independent career realization” and “self-realization through their careers,” in addition to the existing consultation and resolution function between managers and employees, a new “Career Consulting Room” has been established where career consultants (advisors) provide consultation and advice on career development to employees regardless of the department they belong to.

We provide consultation and awareness support for employees regarding their career development, introduce/explain internal and external systems and consultation services to employees upon their request, and encourage relevant internal departments.

Fair Evaluation and Compensation

| Basic Policy |

The Mitsubishi Electric Group upholds a management policy, ‘In addition to realizing well-balanced corporate management from the three perspectives of growth, profitability/efficiency, and soundness, we will return to our fundamental principle of “addressing social challenges through our businesses” and position the realization of sustainability as the cornerstone of our management. From this approach, we will pursue a sustained enhancement of our corporate value and fulfill our responsibility to society, to our customers, shareholders and employees, and to all other stakeholders’ and implements various policies to realize its corporate strategy.

Mitsubishi Electric believes that realizing a workplace environment where all employees can thrive and increasing employee engagement leads to increased motivation and productivity among each employee as well as to greater corporate value. Efforts to boost employee engagement underlie Mitsubishi Electric’s personnel policies.

At the same time, the policies described below are implemented in response to the trends of the times, social circumstances, and changes in the management environment and personnel frameworks.

Compensation System Based on Individual Job Descriptions and Performance

Mitsubishi Electric has adopted a compensation system with a view to developing a corporate culture in which employees each recognize organizational targets as well as their own roles, work to raise their own value, and take on the challenge of difficult goals.

Under this compensation system, employee performance is emphasized, with appropriate assessment given to employees who contribute substantially to management and participate actively in it. Bonuses are awarded for outstanding service. In order to increase understanding of employees about the operation of the system, we fully disclose its evaluation methods and standards, conduct surveys on the functioning of the system to gauge employee opinion on it, provide a system for handling complaints, and otherwise work to increase understanding and acceptance by employees and further enhance operations.

We are committed to making the system function effectively by organically combining and harmonizing the three components of the system, evaluation/compensation, capacity development, and effective workforce utilization, in order to provide opportunities for employees to develop their own skills and advance their careers.
Promoting Communication in the Workplace

At Mitsubishi Electric, each employee sets individual goals based on the policies and objectives of the organization or division to which they belong, and a system for reviewing employee roles and performance is implemented to track the progress of those goals through communication between employees and their managers. Under this system, regularly-scheduled interviews are held in which employees and managers discuss such topics as the employee’s development and training based on evaluation of performance, and the placement and utilization of human capital, to promote improved communication in the workplace. In fiscal 2023, such interviews were carried out for 98% overall (98% for men and 99% for women) of employees.

We consider that creating a workplace with openness for communication is essential for workplace reforms. Accordingly, in addition to the above mechanism involving regularly-scheduled interviews, we share the importance of daily communication during management training programs and other opportunities to stimulate such communication.

We also place value on a corporate culture in which labor and management share an understanding of the status of business, management strategies, and personnel management policies, working together to address issues through labor-management meetings and committees.

Motivating Employees with Bonuses for Inventions (in Japan)

In line with provisions in the Japanese Patent Law, Mitsubishi Electric has established an employee invention bonus system to motivate employees to create inventions. Regarding inventions made by employees during the course of their work, the Company pays patent filing and registration bonuses to those employees as a reward. If the inventions are out-licensed to another company, the relevant employees also receive utilization bonuses from the Company. If inventions that have contributed to the Company’s business win an award from outside the Company, the relevant employees receive a cash reward appropriate to the award, with no upper limit set.

Furthermore, to maintain fairness and transparency of the system, the criteria of the employee invention bonus system is disclosed, an Invention Consultation Committee is established to deliberate on petitions from employees concerning their bonus, and an Invention Evaluation Committee is established to discuss the amount of cash reward to disburse for inventions that contribute to business.

In addition to the above, a program for rewarding outstanding inventions and industrial designs also encourage inventions by employees. Each year, this program honors inventions and industrial designs, and those that are judged as especially outstanding receive commendation from the president.

* An easy-to-understand description of the employee invention bonus system and its provisions are posted on the company intranet for access by all employees.

Maintaining a Favorable Working Environment

Basic Policy

Japan’s working population is expected to dramatically decrease in conjunction with its aging and declining population, and there is apt to be a further increase in the number of employees, both men and women, who work while caring for children or elderly members of their family. In order for Mitsubishi Electric Group to survive through the tough international competition and continuously increase our corporate value, we believe it is vital to create a working environment where all employees can work to their full potential within their limited time by mobilizing the power of diverse human capital. Based on this belief, various initiatives are in place at the Mitsubishi Electric Group to create a working environment where all employees can work actively while maintaining good physical and mental health.

Create a Work Environment Where All the Employees can Work Actively with a Sense of Security

Organizational culture reform

The Mitsubishi Electric Group took the multiple work-related issues that it experienced until fiscal 2020 within the Group seriously, and has been working on the Mitsubishi Electric Workplace Reform Program that aims at creating a workplace where employees can openly communicate with one another, thorough and appropriate care of employees with mental health issues, and other goals. Regarding this program, we completed the application of short-term priority measures in fiscal 2022 and implemented long-term measures focusing on “improvement of work engagement,” “active communication,” and “fostering of organizational culture and mindset” in fiscal 2023. Going forward, we will integrate these efforts with “organizational culture reform,” which is one of the three reforms, and we will more vigorously pursue their implementation. To create a workplace environment where employees can thrive and engage more easily, Mitsubishi Electric has set key performance indicators (KPIs) related to a “rewarding work” and “work life balance.” We will regularly monitor these indicators, thereby continuing to work to further improve and entrench our organizational culture and workplace environment.

Changes in effort evaluation indicators

Employee engagement scores remained flat in the second half of fiscal 2023. We will continue to strive to improve the scores by continuously implementing the following measures: increasing opportunities for dialogue between management and employees; developing measures to prompt communication between supervisors and subordinates in the workplace (one-on-one meetings, etc.); reforming outdated and overly formalized procedures; strengthening measures to support the formation and development of employees’ career paths; and carrying out various robust implementation measures with a resolve to reform the organizational culture, such as revision of the personnel system, etc.
| Work Style Reform and Prevention of Long Working Hours |

Mitsubishi Electric determined ‘Work Style Reforms’ as an important management policy in fiscal 2017 to create a workplace environment in which everyone can maintain physical and mental health and thrive with a good work-life balance and has promoted a variety of measures that contribute to the improvement of operational efficiency and productivity, as well as a reduction in total working hours. In fiscal 2021, we will move to the next stage and deepen the initiatives, especially focusing on work style reform and work quality improvement, with the slogan, ‘Kaeru! MELCO (Kaeru is a Japanese word that, depending on how it is written, means both to make changes and to go home).’ Specifically, the Company has spread policies and raised awareness through messages from the President to employees and other activities, while establishing an environment for efficient business operation; for example, by distributing laptop PCs to all employees, enhancing online meeting facilities, expanding the work-from-home program, promoting company-wide paperless work environments, and expanding IT use.

In addition to these initiatives, we have attempted to properly manage working hours in line with reality by automatically calculating working hours from objective data such as the entry/exit time and PC logon/logoff time from the viewpoint of preventing long working hours. We believe that these efforts have paid off to some extent. Specifically, in fiscal 2023, we reduced monthly overtime hours per employee by 14% compared to fiscal 2019.

In the future, we will also work on ‘Work Style Reforms’ in conjunction with ‘Organizational Culture Reforms’ to prevent long working hours and to create workplaces where all employees can work actively while maintaining their physical and mental health. In addition, we will ensure that employee healthcare measures are implemented based on properly recorded working hours.

Examples of workstyle reform initiatives

At Mitsubishi Electric, Head Office management departments play a central role in improving the quality of company-wide operations by promoting company-wide activities, with each office conducting activities in line with the circumstances of business.

**Examples of company-wide activities**

1. Developing an IT environment
   - Promoting the elimination of paper documents throughout the company
   - Providing mobile terminals to employees in all offices who need them
   - Implementing online conferences for meetings between remote offices
   - Realizing flexible working styles by enhancing the work-from-home program
   - Developing and releasing manuals describing how to use IT tools, etc.

2. Simplifying and reducing company-wide documents
   - Promoting initiatives for expansion of RPA*3
   - Simplifying documents by shortening discussion times and schedules in management meetings
   - Reducing the number of periodic reports (weekly reports, monthly reports, etc.) issued by each department
   - Reviewing report formats

3. Promoting indirect JIT Kaizen activities*2
   - Promoting improvement activities suitable for each workplace through activities in small groups*3
   - Analyzing operations by external consultants and implementing JIT Kaizen activities company-wide

**Examples of activities at offices**

- Lectures from external lecturers for personnel in managerial positions and workshops intended for business improvement
- Establishing conference rules (50 minutes long in principle, no meetings to be held after 5 p.m., etc.)
- Introducing condensed work times
- Introducing “Refresh Wednesday” to promote work-life balance

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* Average percentage of positive responses to the five questions in the annual employee attitude survey: “Pride in working for the Company,” “Willingness to contribute,” “Desire to change jobs,” “Encouraging others to join the Company,” and “Sense of achievement through work.”

*1 A system that automates tasks that were previously performed manually using software that incorporates AI technology, etc.

*2 Just-in-time improvement activities (productivity improvement activities) implemented to improve the efficiency and productivity of indirect operations in departments that are not directly involved in production activities.

*3 Improvement activities by workplaces to address latent issues and problems in all business processes.
Support for Flexible Working Styles
Development and implementation of childcare and family-care programs

Mitsubishi Electric is making every effort to fully establish a work-life balance support system that more than satisfies the legal requirements, and to develop workplace conditions that allow employees to comfortably do their jobs and raise children or care for elderly family members. Our childcare leave system can be extended to the month of March following the child’s first birthday (or to the first end of March following the child’s second birthday if there is a special circumstance). We also have a program that allows employees to work shorter hours when raising their children, and this program can be extended up to the end of March in the year the child graduates from elementary school. Our nursing care leave program allows employees with families that meet the requirements to take a leave of absence for more than three years. It also allows employees to work shorter hours for up to three years to help them take care of their families. In addition, we have a childbirth support leave system for employees who wish to undergo fertility treatment to support the development of the next generation. There is also a program to provide the spouse with special paid leave (self-support leave) to use in certain circumstances such as to participate in a child’s school event, a remote work program (work from home), as well as a re-employment system for employees who have temporarily left the company to provide childcare and family care.

To raise employee awareness of these initiatives, we actively disseminate relevant information through a portal site, which features a range of information on work-life balance, such as a list of support systems for employees raising children (see chart below), and interviews with working mothers. We make this information available to employees, managers, and new hires, aiming to create an environment that is conducive to using these support systems. Along with enhancing our programs, we will work to foster a workplace culture in which employees can enrich their personal lives while advancing their careers.

Status of development of main childcare and nursing care systems for the last three years

- **Increased the number of days of Leave to Prepare for Impending Childbirth by Employees’ Spouses**: The number of days of special leave that can be taken to prepare for forthcoming childbirth by employees’ spouses has been increased from 5 days to 10 days.
- **Introduced a measure to exclude employees from transfers that require relocation for a set period**: A system that excludes employees from transfers that require relocation for up to three years for employees who have difficulty relocating due to childcare, nursing care, treating an illness, or other circumstances.
- ** Introduced the Career Support Leave System**: A system that enables employees to take leave for self-improvement, volunteer activities (including Overseas Cooperation Volunteers), or to accompany their spouse who has been transferred to an overseas site.
- **Introduced the request system to change work location**: A program whereby employees can apply to change their work location to where their spouse is located in order to offer employees the possibility to move in with their spouse when they get married or when their spouse changes work location.
- **Introduced the request system to choose reinstated job after childcare leave**: A program that allows employees who are returning from childcare leave to indicate their preference for a workplace.
- **Enhanced the remote work program**: Covered all employees, eliminated the upper limit for the use of the program, and expanded the range of applicable work locations.
- **Introduced the Company-led Nursery School Matching Service**: A match-making service between employees looking for a nursery school and company-led nursery schools with openings to accept children.
- **Introduced the remote location work program**: A program that allows employees to live outside the commuting area of their offices and engage mainly in remote working (commenced on a trial basis in FY2022).
- **Newly established the Childcare Absence at Childbirth System, etc.**: Newly established the Childcare Absence at Childbirth System (with no pay cut deduction) and developed an environment where employees can feel comfortable taking childcare leave in response to the Child Care and Family Care Leave Act revised in 2022.

### Life stage

<table>
<thead>
<tr>
<th>Life stage</th>
<th>Marriage</th>
<th>Pregnancy</th>
<th>Childbirth</th>
<th>Child age 5</th>
<th>Enrolment in elementary school</th>
<th>Grade 4</th>
<th>Graduation from elementary school</th>
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<tbody>
<tr>
<td>Child birth leave system</td>
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<td>Shorter work time for pregnant women</td>
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<td>Consideration for break times during pregnancy</td>
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<td>Childcare time</td>
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<td>Childcare leave benefits (by Mitsubishi Electric Ryoyukai)</td>
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<td>Shorter work time for childcare*</td>
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<td>Leave taken on an hourly basis*</td>
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<td>Select plan (childcare service assistance)*</td>
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<td>Measures to exclude employees from transfers that require relocation for a set period*</td>
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<td>Request system to change work location</td>
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<td>Request system to choose reinstated job after childcare leave</td>
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* Nursing care reasons are also eligible.

The eligibility period is the one during which the reason occurs.

Childcare balance support measures (Mitsubishi Electric)
Diamond Kids Day-care centers
To support the career development of employees raising children, Mitsubishi Electric opened Diamond Kids, an onsite day-care center, in Kamakura City, Kanagawa Prefecture and Amagasaki City, Hyogo Prefecture on October 1, 2014, with an enrollment of approximately 10 children in each center. By providing its services in locations adjacent to a Mitsubishi Electric workplace on days and during hours corresponding to the workplace, catering to extended hours, and ensuring security measures that prevent intrusion by suspicious individuals as well as accident prevention measures, Diamond Kids offers a childcare environment that allows employees to fully concentrate on their jobs without worrying about their children. It also promotes employees’ return to work after taking a leave, by accepting children all year round.

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<thead>
<tr>
<th>Name</th>
<th>Diamond Kids Shonan</th>
<th>Diamond Kids Itami</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>5-1-1 Ofuna, Kamakura City, Kanagawa Prefecture</td>
<td>6-9-22 Tsukaguchi-hommachi, Amagasaki City,</td>
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<td></td>
<td>Within the Information Technology R&amp;D Center</td>
<td>Hyogo Prefecture</td>
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<td>Facility area</td>
<td>Floor space: approx. 100m²</td>
<td>Within the Mitsubishi Electric Health</td>
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<td>Insurance Association Itami General Gymnasium</td>
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<td>Enrollment capacity</td>
<td>Approx. 10 children</td>
<td>BRIO</td>
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<tr>
<td>Children’s ages</td>
<td>Ages 0 (children over 57 days old) up to enrollment in primary school</td>
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<tr>
<td>Eligibility</td>
<td>Mitsubishi Electric employees</td>
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<tr>
<td>Operating hours</td>
<td>8:00 – 18:00 (extended hours up to 21:00)</td>
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</table>

Cafeteria plan (selectable plan)
Mitsubishi Electric is introducing a cafeteria plan in 2004 with the aim of respecting the independence and diverse value of each individual employee and supporting each individual employee achieve happiness through a welfare program with selectable options. In the cafeteria plan, points equivalent to 83,000 yen are granted in the start of the fiscal year and each employee can apply for subsidies by selecting the necessary menu item as desired according to his/her life stage or lifestyle. To support employees in balancing childcare or nursing care with work, support is given to the value of double the regular number of points for menu items related to subsidies for childcare and nursing care service usage fees.

Special paid leave (Self-support leave)
The self-support leave is a system that allows employees who do not use up their annual paid vacation time by the end of the fiscal year to accumulate up to 20 days of unused vacation time and carry them over to the next fiscal year and onward. Those who receive company approval to participate in their children’s school programs, recuperate from an illness, engage in family care, take part in a volunteer activity, etc., may acquire a self-support leave.

Remote location work program
Mitsubishi Electric has introduced the remote location work program, which allows employees to live outside the commuting area of their offices and engage mainly in remote working, to realize diverse workstyle regardless of employees’ place of work. Following the trial in FY2022, the program will be introduced at full scale in FY2023 to enable personnel to achieve a workstyle that suits their own lifestyle by eliminating situations of employees living separately from their family members and by letting them engage in child care or nursing care.

System for continuing careers according to individual employees’ circumstances
In addition to providing transfer opportunities, Mitsubishi Electric has introduced the Career Support Program that allows employees who need to engage in childcare or nursing care can continue their career, in light of the recent increased diversity in home environments and the change in views and values among individuals regarding work as well as diversifying requirements for careers among employees in line with such changes. The Career Support Program features a “Career Support Leave System” that enables employees to take administrative leave for self-improvement, volunteer activities, or to accompany their spouse who has been transferred to an overseas site. The program also features a system that excludes employees from transfers that require relocation for up to three years if they have difficulty relocating due to childcare, nursing care, treating illnesses, or other circumstances.

Sharing and fulfilling career requests through daily communication with superiors and support in terms of working conditions
Support for improving the feasibility of individuals’ career plans
Career Support Program
Self-assessment (CARROTS)
Career Challenge System
Career Support Leave System
Job-Net
Measure to exclude employees from transfers that require relocation for a set period
Support in terms of working conditions for employees’ work/life balance
Career support program (Mitsubishi Electric)
Occupational Safety & Health Management

| Basic Policy |

Adhering to the basic policy of prioritizing the safety and health of our employees above all else, the Mitsubishi Electric Group aims to establish a culture that places top priority on safety and health in all social and business environments based on the understanding that health and safety management form the foundation of business management. Furthermore, we aim to establish health management and create a workplace environment that allows everyone to maintain good health both mentally and physically and thrive in work as one of our core management policies for increasing employee engagement. This basic policy underlies our company-wide Safety and Health Five-year Plan (current plan covering the five years from FY2023 to FY2027), which defines priority measures in safety and health management, respectively, to annually create a company-wide safety and health management policy by which we implement specific activities toward achieving annual targets. This program has been rolled out to our group companies in Japan and overseas who also engage in health and safety management activities in line with relevant laws, national regulations and company-specific issues.

| Promotional Framework |

The Mitsubishi Electric Group actively promotes safety and health activities across the entire Group under the strong leadership of the top management. Ongoing efforts are made to strengthen the safety and health management framework, as Mitsubishi Electric and its group companies in Japan and overseas cooperate in exchanging information, engage in education activities, and implement various safety and health measures. Active communication is also held with employees through meetings with labor unions and the Safety and Health Committee, and labor management efforts are made to promote both top-down and bottom-up activities that aim to raise the level of safety and health. Specifically, we discuss the content of training for taking care of younger personnel as well as self-care and line-care in the course of considering mental health care measures, introduce such training programs, and review their content. If an industrial accident occurs, safety measures are immediately taken by the department where the accident occurred. At the same time, efforts are made to prevent similar accidents by delegating a third party to conduct safety management status inspections, and laterally disseminating case reports of disasters and countermeasures developed through root cause analysis.

In addition, Mitsubishi Electric identifies hazards through risk assessment and implements risk reduction measures in the following cases:
- When new equipment is installed and when equipment is changed
- When there is new work or a change in work
- For work involving the handling of chemical substances

| Occupational Safety and Health Management System |

In 2009, Mitsubishi Electric introduced the Occupational Safety and Health Management System (OSHMS*). Under the program, each office runs PDCA cycles for safety and health activities by implementing internal audits based on the Mitsubishi Electric Group’s requirements for safety and health management on foundation management and items to be individually managed. These requirements range from the development of policy and management frameworks in each office governed by a safety and health supervisor to the implementation of risk assessment and other accident prevention activities through education to improve employee awareness of safety and health management.

The goal is to raise the occupational safety and health management level of the company as a whole. As a result of this initiative, we have achieved one of the lowest frequency rates and severity rates of industrial accidents (number of people killed or injured in a fatal accident or an accident that requires time off from work per 1 million hours of work, and number of working days lost per 1,000 hours) in the industry.

* OSHMS: Occupational Safety and Health Management System
Thorough Safety and Health Education

The Mitsubishi Electric Group implements safety and health education that matches its business characteristics and social environment, including stratified programs and occupation-specific programs, in addition to education programs as stipulated by law.

As a common feature of the Group, Mitsubishi Electric and its group companies in Japan also provide safety and health education based on an internal e-learning system, which has been instrumental in promoting greater understanding of the principles and concept of safety and health to more than 100,000 employees, managers, and supervisors every year. Furthermore, efforts are also made to strengthen employee safety education through risk simulation, such as by installing a “safety room.”

* A facility for conducting danger simulation training by simulating the dangers of being caught between or in equipment or suffering electric shock (e.g., the Danger simulation room at Mitsubishi Electric’s Himeji Works).

<table>
<thead>
<tr>
<th>Thorough Safety and Health Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Mitsubishi Electric Group implements safety and health education that matches its business characteristics and social environment, including stratified programs and occupation-specific programs, in addition to education programs as stipulated by law.</td>
</tr>
<tr>
<td>As a common feature of the Group, Mitsubishi Electric and its group companies in Japan also provide safety and health education based on an internal e-learning system, which has been instrumental in promoting greater understanding of the principles and concept of safety and health to more than 100,000 employees, managers, and supervisors every year. Furthermore, efforts are also made to strengthen employee safety education through risk simulation, such as by installing a “safety room.”</td>
</tr>
</tbody>
</table>

<p>| Examples of training held by the head office (Mitsubishi Electric) | |</p>
<table>
<thead>
<tr>
<th>Training name</th>
<th>Date conducted</th>
<th>No. of participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training for newly appointed safety and health section managers</td>
<td>April 2022</td>
<td>12</td>
</tr>
<tr>
<td>Training for newly appointed safety and health members</td>
<td>June 2022</td>
<td>45</td>
</tr>
<tr>
<td>Training for newly appointed safety and health promotion members</td>
<td>July 2022</td>
<td>40</td>
</tr>
<tr>
<td>Training for newly appointed occupational health physicians and public health nurses</td>
<td>May 2022</td>
<td>9</td>
</tr>
<tr>
<td>Liaison meetings for safety and health members</td>
<td>October 2022</td>
<td>79</td>
</tr>
<tr>
<td>Company-wide safety and health education (for general employees)</td>
<td>July to September 2022</td>
<td>34,161</td>
</tr>
<tr>
<td>Company-wide safety and health education (for managers and supervisors)</td>
<td>July to September 2022</td>
<td>4,849</td>
</tr>
</tbody>
</table>

Employees who took safety and health education programs

"Danger simulation room" at Mitsubishi Electric’s Himeji Work

Under the slogan of “putting safety awareness into action,” Himeji Works provides danger simulation education to all onsite employees and employees of group companies (approx. 6,000). The Works has been working to increase all employees’ awareness of danger by upgrading the simulation machine, introducing a virtual reality (VR) simulator, developing and providing education to instructors, and establishing an education system.

<table>
<thead>
<tr>
<th>&quot;Danger simulation room&quot; at Mitsubishi Electric’s Himeji Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under the slogan of “putting safety awareness into action,” Himeji Works provides danger simulation education to all onsite employees and employees of group companies (approx. 6,000). The Works has been working to increase all employees’ awareness of danger by upgrading the simulation machine, introducing a virtual reality (VR) simulator, developing and providing education to instructors, and establishing an education system.</td>
</tr>
</tbody>
</table>

Health Management Initiatives toward a Healthy Company

Since 2002, Mitsubishi Electric and its group companies in Japan have carried out the Mitsubishi Electric Group Health Plan 21 (MHP21) intended for their 100,000-some employees and their families, as a three-party cooperation project (Collaborative Health) with the labor union and health insurance society for 20 years, in an attempt to promote a review of lifestyle habits from an early stage, as a means for preventing lifestyle-related diseases and thereby improving Quality of Life (QOL), and for realizing a “health-oriented company.”

In FY2023, MHP21 was renamed to the “Mitsubishi Electric Group Health Management Plan” and another five-year activity has started as “MHP ‘Lively and Exciting Action.’” Under the activity principle, “We promote fitness activities for each one of us to be excited to spend time in a lively way,” we are developing activities with the ultimate goal of achieving a subjective feeling of liveliness and excitement, that is to say, improved health satisfaction among each and every employee as well as their family members.

Specifically, we have set “good appetite,” “good sleep,” and “good bowel movements” as three indexes to represent the daily level of health satisfaction (degree of liveliness and excitement) regarding the mental and physical health among each and every one of us, for the purpose of assessing the degree of achievement of the activity principle and objective. In addition, we have set “diet” “exercise” “smoking” “care for the teeth” “sleep” and “drinking” as six indexes for lifestyle habits that can lead to improved health satisfaction. We utilize these indexes in a system that is designed to visualize each person’s health condition using ICT and other technologies, and that encourages changes in behavior according to lifestyle habits. We also use these indexes in a system that allows targets to be set according to the achievement status of each individual. In this way, we have been further stimulating activities across the Group.

Our group companies overseas are likewise taking initiatives to maintain and promote health among their employees, in consideration of the health situation in their respective countries.

MHP “Lively and Exciting Action” Activity Goals and Achievements

<Health Satisfaction>

<table>
<thead>
<tr>
<th>Target item</th>
<th>Target value(by FY2027)</th>
<th>FY2023 result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good appetite</td>
<td>Percentage of people who have a good appetite and enjoy eating well</td>
<td>90.0% or more</td>
</tr>
<tr>
<td>Good sleep</td>
<td>Percentage of people sleeping comfortably and soundly</td>
<td>80.0% or more</td>
</tr>
<tr>
<td>Good bowel movements</td>
<td>Percentage of people who are not constipated and have good bowel movements</td>
<td>80.0% or more</td>
</tr>
</tbody>
</table>
workplace as a whole can provide support for smoothly returning after a long leave.

Furthermore, by conducting stress checks and appointing dedicated counselors in the Mitsubishi Electric head office, focused care is also provided to employees posted outside of Japan, where working and living environments largely differ from Japan.

In terms of education, line-care and self-care training are repeatedly implemented through lectures, to provide sessions on mental health and strengthen responses to mental health among managers and employees, especially for mental health. As a common feature of the Group, Mitsubishi Electric and its group companies in Japan also provide safety and health education based on an internal e-learning system, which has been instrumental in promoting greater understanding of mental healthcare (line-care, self-care) to more than 100,000 employees, managers, and supervisors every year.

Starting fiscal 2021, these education programs will be strengthened by making mental healthcare education for new employees mandatory and enhancing the resilience training program.

* EAP (Employee Assistance Program): a program that provides support to employees, by providing a wide range of counseling covering physical health, relationships with family and colleagues, as well as mental health.

### Creating Comfortable Workplace Environments

The Mitsubishi Electric Group recognizes that people spend a large part of their lives at their place of employment and is committed to creating a comfortable work environment where everyone can work actively that is designed with the elderly and people with disabilities in mind. By establishing own standards (workplace environment standards) for air, lighting, noise, and facilities, and by working to achieve each standard, Mitsubishi Electric pursues ongoing efforts to create comfortable workplace environments.

Labor-management Relationship

| Basic Policy |

Mitsubishi Electric is committed to respecting the basic rights of employees, an approach that is included in the principles of the Universal Declaration of Human Rights as well as the United Nations Global Compact, as provided in Mitsubishi Electric Group Code of Conduct. In addition, Mitsubishi Electric respects the freedom of association as a company and assures Mitsubishi Electric labor union to hold the three basic rights of labor (the right to organize, the right to collective bargaining, and the right to act collectively), under the labor agreement entered into between Mitsubishi Electric and Mitsubishi Electric labor union.

| Relationship with Labor Union |

Mitsubishi Electric and Mitsubishi Electric labor union strongly realize that it is important for them to cooperate in promoting the company’s growth and improving the working conditions of labor union members based on an awareness of the company’s social mission and responsibility, and to form and maintain a labor-management relationship founded on mutual sincerity and trust. Based on this realization, they enter into a labor contract by consent of both parties and mutually comply with the contract in good faith.

With a basic principle of seeking resolutions by holding thorough rational discussions on equal footing, the company and labor unions periodically hold meetings of a management council and labor council to facilitate mutual negotiations and have active communication based on the labor agreement. Under the union-shop system, all employees (excluding management level employees) become union members after completing a trial period, as a rule.

In addition, working conditions for employees not covered by this labor agreement are generally set according to the labor agreement concluded between Mitsubishi Electric and the Mitsubishi Electric labor union, while taking into consideration each employee’s employment status and laws related to equal pay for equal work.

Group companies in Japan and overseas also share the principle of holding thorough rational discussions between labor and management, and endeavor to maintain and improve sound working conditions and workplace environments in compliance with labor-related laws and regulations concerning employment, personnel affairs, work duties, wages, working hours, immigration control, and so on in the countries and regions where they do business, as well as with internal regulations and procedures.

Notification of Secondments and Transfers within and Outside the Organization

In the labor contract established with the Mitsubishi Electric labor union, Mitsubishi Electric has stipulated that the company will swiftly notify the labor union of secondments and transfers of employees within and outside the organization for business reasons. The contract states that, particularly when large numbers of employees will be seconded or transferred within or outside the organization, Mitsubishi Electric will consult with the labor union regarding the basic terms.
Supply Chain Management (Procurement)

Procurement Policy and Supplier Criteria

The Mitsubishi Electric Group ensures fair and impartial selection and evaluation of business partners in Japan and overseas by providing an explanation of the Group's Purchasing Policy and CSR Procurement Policy (Sustainability Procurement Policy), and requesting business partners’ understanding of these policies. By ensuring proper evaluation of suppliers based on selection and evaluation criteria established by the Group, procurement risks are also mitigated along the supply chain.

The Group’s criteria for evaluating business partners include not only quality, cost, delivery schedules and services, but also initiatives in response to environmental regulations and sustainability initiatives. As a basic policy, the Group preferentially procures materials from suppliers who rank high in a comprehensive evaluation.

In order to enhance the objectivity and transparency of the Mitsubishi Electric Group’s human rights initiatives, in February 2022, we joined the Responsible Business Alliance (RBA), an alliance that promotes corporate social responsibility in global supply chains. We commit to progressively align our own operations with the provisions of the RBA Code of Conduct, a global standard, to promote continuous improvement of our sustainability efforts.

Our Purchasing Philosophy

Mitsubishi Electric purchases a wide variety of materials and components from both Japanese and overseas markets. We recognize our corporate responsibility and are eager to provide business opportunities for the communities in which we operate.

1. Easy Access and Equal Opportunity
   To guarantee our customers the highest-quality products, we are constantly searching for new suppliers. We encourage business partners from all over the world, regardless of size, to contact us about submitting a quotation. The decision to embark on a new business relationship is made after careful consideration of three major factors: product price, product quality, and delivery performance. To ensure continued high quality and efficiency, we periodically review our relationships with our partners.

2. Mutual Prosperity
   We believe in long-term relationships built upon understanding and trust. This will allow the participation of our business partners during the product development stage, paving the way for mutual prosperity.

3. Ecological Soundness
   We are interested in the materials and manufacturing processes used by our suppliers. Because we value the environment, we buy only ecologically sound products. Our mission is to satisfy the needs of people around the globe. To meet their growing expectations, we must widen and strengthen our affiliations with companies all over the world. We are seeking cooperation, not just business, and are looking for potential partners who are willing to join us in our drive toward global prosperity.

CSR Procurement Policy

We carry out material procurement activities in line with our “CSR Procurement Policy,” which was established in 2007. We also established the CSR Procurement Guidelines in 2018 to widely disseminate Mitsubishi Electric’s sustainability policies and matters for compliance by our business partners. The guidelines are prepared in four languages (Japanese, English, Chinese, and Thai) and are shared with business partners globally as our directions for procurement. We are approaching all business partners to verify their agreements to promote procurement activities in line with the guidelines.

1. Compliance with domestic and foreign laws/regulations and social standards
   1) Ensuring compliance with laws and regulation
   2) Respecting human rights and prohibiting discrimination, child labor, and forced labor
   3) Creating proper work environments and giving consideration to safety and health

2. Assurance of quality and safety of products and services

3. Environmental considerations
   1) Procuring materials with less negative impact on the environment
   2) Ensuring strict management of harmful chemical substances based on an environmental management system

4. Promotion of fair trade based on corporate ethics
   1) Practicing honest trade on fair and equal footing, based on laws/regulations and agreements
   2) Ensuring strict management and safeguarding of information by establishing an information security system
   3) Thorough elimination of fraudulence, bribery, and other such conduct that violates corporate ethics
| Framework for Promotion of Procurement Supply Chain Management |

Under globally sustainable procurement, target costing and cost co-creation by enhancement of partnership (G-STEP) strategy toward strengthening the purchasing structure, the Mitsubishi Electric Group aimed to achieve the lowest cost ratio ever starting in fiscal 2021. In this effort, we developed and promoted the measures with the following aim: "We will contribute to the realization of sustainability through all corporate activities. By doing so, we will make further efforts to enhance economic and social value so as to raise our corporate value," which is the Group’s business goal, through sustainable and stable procurement. In cooperation with the Materials Planning Office in regional corporate offices in China, Asia, Europe and the Americas, we implement purchasing strategies through conferences of procurement officers and other such meetings to promote optimal procurement activities suited to each region.

In addition to this initiative, we will also promote activities to mitigate any perceived risks regarding a range of issues related to labor practices and environmental problems in the procurement supply chain and thereby strengthen our business continuity plan (BCP).

| Mid- to Long-Term Priority Activity Objectives |

**Continuing activities to identify and address risks involving major human rights violations (forced labor, hazardous or dangerous labor, and child labor) in the supply chain**

The Mitsubishi Electric Group verifies the progress of suppliers’ initiatives to respond to the requirements outlined in the Green Accreditation Guideline and CSR Procurement Guidelines by requesting principal suppliers who fall within the top 80% in terms of purchase amounts to complete a survey form once every three years. We identify high risk business partners through the survey and by confirming survey questionnaire answers by individually determining the presence of especially major human rights violations risks, such as forced labor, dangerous or hazardous labor, and child labor. In the case that a risk is identified, we will continue to request corrections through communication with the applicable business partners.

Note that we have not identified any business partners who are cause for concern about such major human rights violations risks based on the survey in fiscal 2023. In the guidelines, we will also include reduction of the number of excessive working hours and the right to a minimum wage, and we will continue to confirm this by means of the survey form.

In addition, we have conducted a survey of 390 main subcontract factories in the Mitsubishi Electric Group’s production activity on foreign technical intern trainees in 2019. Although there were no suppliers who are at risk of infringing on the Technical Intern Training Act, we will continue promoting activities for preventing the violation of human rights of foreign technical intern trainees.

| Transitioning to RBA-compliant initiatives |

We joined the RBA in February 2022. In fiscal 2023, we organized our thinking on how to align the current CSR Procurement Guidelines and the Green Accreditation Guideline with the RBA Code of Conduct. Going forward, we will prepare specific guidelines and explain them to suppliers.

| Establishing a grievance mechanism for the entire supply chain |

We joined the Japan Center for Engagement and Remedy on Business and Human Rights (JaCER) to strengthen our “grievance mechanism” for receiving and resolving grievances in the supply chain, and we have added a grievance point of contact.

| Initiatives to decarbonize procurement supply chain activities |

The Environmental Sustainability Vision 2050 aims to achieve decarbonization in the entire value chain. We will grasp the level of reduction in CO2 emissions generated during production by suppliers and call for further reductions. In fiscal 2023, we conducted a survey on the status of carbon neutral initiatives and greenhouse gas emissions of our major suppliers. Based on the survey results, we will improve the accuracy of ‘greenhouse gas emissions in the value chain.’
Strengthening Sustainability Initiatives along the Procurement Supply Chain

Priority activities

1. Establishing a framework for strengthening stable procurement
2. Further strengthening the cost planning activity
3. Expanding centralized purchasing
4. Strengthening procurement quality control
5. Strengthening a procurement platform for supporting relevant activities and measures
6. Strengthening global optimal procurement

Toward responsible minerals procurement

The Mitsubishi Electric Group aims for transparency in its procurement supply chain to avoid any affiliation with armed groups that trade in conflict minerals*1 as their source of funding. We also recognize the possibilities of human rights violations occurring in the severe labor conditions in cobalt mining sites as a major problem. The Group adheres to the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas*2, and removes certain minerals from the procurement supply chain in situations where their procurement encourages or contributes to serious human rights violations or environmental destruction.

*1 Conflict minerals refers to gold, tin, tantalum, and other minerals that have been determined by the U.S. State Department to be a source of support for armed groups when mined in the countries referred to above.

*2 OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Area

Report of survey results of restrictions on conflict minerals

Mitsubishi Electric takes part in the Responsible Minerals Trade Working Group of the Japan Electronics and Information Technology Industries Association (JEITA), and addresses restrictions on conflict minerals in cooperation with other industry organizations. Surveys are conducted using the survey form (CMRT*1 and EMRT*2) that is commonly used in the automobile, electric, and electronic industries. In fiscal 2023, surveys were carried out on 658 suppliers, and responses in survey form were obtained from 575. As a result of the survey, 350 smelters were identified. Of the identified smelters, 165 were RMAP*3 compliant. We will continue to promote RMAP compliance among smelters through industry activities.

*1 Conflict Minerals (tin, tantalum, tungsten, and gold) Reporting Template issued by the Responsible Minerals Initiative

*2 Cobalt/Mica Reporting Template by the Responsible Minerals Initiative

*3 Responsible Minerals Assurance Process: A program in which a third party certifies that the minerals processed by a smelter come from sources that are not complicit in conflicts or human rights abuses

Number of smelting companies identified in a survey of conflict minerals

Count and list of smelters identified in fiscal 2023

Initiatives to address environmental issues

Since 2006, the Mitsubishi Electric Group has been evaluating the progress of suppliers’ initiatives to address environmental issues under the Green Accreditation System. Based on the Green Accreditation Guideline and using an original survey form, the System involves a survey of each supplier’s progress in acquiring environmental management system certification, the supplier’s status of compliance with laws and regulations related to the environment, and its management of chemical substances contained in components and materials they deliver to our company. Under the System, suppliers who meet our standards are certified. We ultimately minimize environmental risks by properly evaluating the progress of our suppliers’ environmental initiatives under this System, and by providing advice on any corrections that should be made by suppliers who do not meet the certification standards.

Procurement Activities

Initiatives to address social issues

From 2009, the status of sustainability initiatives has been included in the survey items, and a survey is also made of issues such as human rights, labor practices, safety and health, legal compliance, and product safety. Furthermore, the CSR Procurement Guidelines were established in 2018 based on the RBA Code of Conduct (Version 7.0) that was formulated and announced by the Responsible Business Alliance. To verify our suppliers’ commitment to promoting the content of the guidelines, a consent form is attached to the last page of the guidelines.

Procurement Activities

Strengthening of global optimal procurement

The Mitsubishi Electric Group aims to realize global optimal procurement.

Local procurement rate in the major regions (Mitsubishi Electric Group)

* Local procurement rate: Materials, parts, etc. (regardless of country of origin) that are procured by overseas production sites at their own discretion

* Local production ratio: Among all locally procured items, the procurement ratio of items produced in the country of the overseas site

* Foreign origin: Among all locally procured items, the procurement ratio of items produced in countries other than the country of the overseas site

- China 73% 61%
- Asia 77% 44%
- Europe 70% 33%
- USA 55% 36%
- Other 45% 55%

- Foreign 12%
- Local production 88%
- Foreign production 33%
- Local production 67%
- Foreign production 37%
- Local production 58%
- Foreign production 42%
Requests to suppliers

We ask our suppliers to understand the Mitsubishi Electric Group’s Purchasing Policy and CSR Procurement Policy*, and to inform their supply chains of these policies. We also ask all suppliers to be thoroughly aware of the items that the Group has identified as priority issues to be addressed through the entire procurement supply chain. Additionally, new suppliers are asked to submit their agreement to comply with the CSR Procurement Policy and a completed survey form upon reading and understanding the guidelines. * The Mitsubishi Electric Group’s Green Accreditation Guideline and CSR Procurement Guidelines are provided below. These documents have been revised appropriately in response to changes in laws, regulations and social norms.

Evaluation status of suppliers’ initiatives to address sustainability issues

Basic policy on supplier surveys

The Mitsubishi Electric Group verifies the progress of suppliers’ initiatives to respond to the requirements outlined in the Green Accreditation Guideline and CSR Procurement Guidelines by requesting principal suppliers who fall within the top 80% in terms of purchase amounts to complete a survey form (prior to commencing transactions in the case of new transactions and at certain intervals in the case of ongoing transactions (every three years, as a rule)). In response to our suppliers’ replies to these surveys, we provide feedback about the results of the evaluation. We also communicate with suppliers who have scored low in any one of the survey items, to request the necessary corrections. This is done through individual meetings and other such means. The survey form has been revised in 2018 following the formulation of the CSR Procurement Guidelines.

Activity results

From 2006, the evaluation covered domestic suppliers only. However, the range was expanded in fiscal 2018 to include overseas suppliers also. The fiscal 2018 survey placed priority on the China and Thailand region, but from fiscal 2019, we extended survey implementation to Europe and the U.S.

<table>
<thead>
<tr>
<th>Human rights &amp; labor practices</th>
<th>A (excellent)</th>
<th>B (good)</th>
<th>C (fair)</th>
<th>D (improvement required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety &amp; health</td>
<td>94.3%</td>
<td></td>
<td></td>
<td>5.7%</td>
</tr>
<tr>
<td>Fair trade &amp; ethics</td>
<td>90.2%</td>
<td></td>
<td>7.4%</td>
<td>2.0%</td>
</tr>
<tr>
<td>Quality &amp; safety</td>
<td>97.9%</td>
<td>0.3%</td>
<td>9.6%</td>
<td></td>
</tr>
<tr>
<td>Information</td>
<td>97.6%</td>
<td>0.3%</td>
<td>24.3%</td>
<td>1.7%</td>
</tr>
<tr>
<td>Management system</td>
<td>69.3%</td>
<td>1.0%</td>
<td>5.3%</td>
<td>24.3%</td>
</tr>
</tbody>
</table>

Fiscal 2023 results of green accreditation and CSR procurement surveys among suppliers (Mitsubishi Electric)
In fiscal 2020, Mitsubishi Electric conducted a survey of 390 main subcontract factories in the Mitsubishi Electric Group’s production activity on foreign technical intern trainees and obtained responses from all the companies surveyed. Among the companies surveyed, 136 companies hire technical intern trainees, and we confirmed with the suppliers as to whether they are “excellent implementing organizations” and the presence or absence of violations of laws and regulations, and consultation and support system for a track record of acquiring the skills, the acceptance system, employment conditions of technical intern trainees, presence or absence of violations of laws and regulations, and consultation and support system for a track record of acquiring the skills, the acceptance system, employment conditions of technical intern trainees.

As a result of the survey, it was found that 24 out of 86 companies who have not been accredited as ‘excellent implementing organizations’ are implementing organizations”). As a result of the survey, it was found that 24 out of 86 companies who have not been accredited as ‘excellent implementing organizations’ are required to make improvements. However, there were no suppliers who do not observe the Technical Intern Training Act, the Labor Standards Law, etc. We will provide guidance on items to be improved as well as continue promoting activities on an ongoing basis for preventing the violation of human rights of foreign technical intern trainees.

We will continue to conduct this activity in the future to utilize it to find potential issues in transactions with suppliers and to further promote improvement by taking the results seriously.

### Survey on Foreign Technical Intern Trainees

- No. of completions 2
- No. of companies 73
- Content of guidance
  - Clarification of the person in charge of environment management (participation in environment management conducted by management of business partners)

### Items to be improved and the number of companies

<table>
<thead>
<tr>
<th>Matters to be improved</th>
<th>No. of companies (may be duplicated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A procedure or mechanism for “accepting requests” and “considering taking measures” for cases where special facilities must be provided for religious reasons (worship, meals, etc.) is absent</td>
<td>9</td>
</tr>
<tr>
<td>Important indications for safety and health, such as dangerous goods labels and the display of evacuation routes, are not displayed in languages understood by technical intern trainees</td>
<td>17</td>
</tr>
<tr>
<td>Matters supervised by the supervising organization are not recorded or saved</td>
<td>5</td>
</tr>
<tr>
<td>A mechanism for internal or external whistleblowing has not been built</td>
<td>2</td>
</tr>
</tbody>
</table>

### Communication with Suppliers

At each office, the Mitsubishi Electric Group holds seminars that disseminate a full understanding of the Group’s Purchasing Policy and CSR Procurement Policy among suppliers. In order to gain the approval of suppliers to the Mitsubishi Group’s policies as demonstrated through these activities, we hold regular exchanges of views with our suppliers based on their responses to our Supplier Surveys. Suppliers are asked to further strengthen sustainability initiatives at their companies as well. Even after the spread of COVID-19, we continue to hold various seminars both on site and online. We will continue to conduct support activities for Business Continuity Planning (BCP)*, as well as holding a variety of seminars, including those about changes in chemical substance restrictions such as the EU RoHS Directive, and programs about compliance (including export control, information security and management, the Subcontract Act, etc.).

* BCP (business continuity planning): Being prepared for any disaster or other emergency situation by planning how to minimize damage to the company and how to continue or restore business activities.

### Initiatives for Strengthened Partnership with Suppliers

Mitsubishi Electric also participated in the Declaration of Partnership Building introduced in response to the discussion in the Council on Promoting Partnership Building for Cultivating the Future hosted by the Cabinet Office and the Ministry of Economy, Trade and Industry, and Mitsubishi Electric announced its declaration on July 1, 2020. We have been conducting a supplier satisfaction questionnaire survey since fiscal 2021 aimed at improving business practices with suppliers and further strengthening the partnership based on the policy of building mutually-beneficial relationships as stated in the Declaration of Partnership Building.

In fiscal 2023, we conducted a survey following from the previous fiscal year with a total of 16 questions covering Mitsubishi Electric’s business attitude, ethics, compliance, and other topics in an attributed survey form for each supplier using a website. We aggregate the results of answers to the questionnaire received from suppliers and analyze each survey item comparing with the results from the previous fiscal year, and we use the results to extract areas to be improved, to analyze causes, and to correct Mitsubishi Electric’s business attitude.

We will continue to conduct this activity in the future to utilize it to find potential issues in transactions with suppliers and to further promote improvement by taking the results seriously.
Value Engineering (VE) Activities with Suppliers

The Mitsubishi Electric Group engages in joint-development from the initial stages to the development of parts and materials, and works in partnership with suppliers to engage in Value Engineering (VE) activities with the aim of adopting advanced products, recycling resources, and reducing the consumption of materials. Through these activities, we reduce the input of materials and minimize environmental burden by making products more compact and lightweight, and build a win-win relationship that leads to increased sales and enhanced technology capabilities for both Mitsubishi Electric and our partners. We also give awards to suppliers whose achievements are especially significant. Mitsubishi Electric proactively conducts this activity to suppliers not only in Japan but also overseas, including in the UK, US, China, Thailand, Indonesia, Mexico, India, and Colombia. We also promote internal and external human resource development, such as by conferring an instructor’s certificate on those who have taken a written test and participated in the VE program in VE lectures, and demonstrate a certain level of knowledge.

Providing Learning Programs on Procurement Laws and Regulations

The Mitsubishi Electric Group offers various learning programs on laws and regulations related to the operations of employees in charge of procurement activities. In Japan for example, we hold lectures on laws and regulations that particularly pertain to procurement activities, such as the Anti-Monopoly Act, the Act against Delay in Payment of Subcontract Proceeds, etc. to Subcontractors, and the Construction Contractors Law, and we provide guidance and training to ensure thorough compliance. Guidance and education are also provided overseas. Based on the Code of Conduct and check sheets, learning programs strictly teach employees not to become involved in bribery, embezzlement, or any other form of action that goes against the principle of fair trade. Compliance education related to procurement is also held for local employees in charge of procurement operations overseas. To further strengthen CSR initiatives (particularly along our procurement supply chain), we are making greater efforts to share information on activities implemented by each office as well as instructional information, such as by holding Review Meetings for CSR Promotion in the Supply Chain and providing CSR education to employees in procurement departments.
Philanthropic Activities

Our Philosophy on Philanthropic Activities
As a corporate citizen committed to meeting societal needs and expectations, the Mitsubishi Electric Group will make full use of the resources it has at hand to contribute to creating an affluent society in partnership with its employees.

"Three forms of coexistence" that the Mitsubishi Electric Group Aims for
To realize an inclusive society, the Mitsubishi Electric Group has been promoting activities at the level of people with a focus on each and every individual, the level of society as an aggregate of local communities, and the level of the Earth, which is the foundation for all individuals and communities. The Mitsubishi Electric Group will continue to strive to achieve "coexistence" at each of these levels.

Employees and the company shall work together to promote the "three forms of coexistence" and realize an inclusive society

Global Environment
- Coexistence with the Global Environment
  - Promote activities that remind us how much we appreciate nature, which nurtures a diversity of life and provides us with many blessings, and encourage environmentally conscious behavior, through activities to protect and nurture nature.

Social
- Coexistence with Local Communities
  - Collaborate with NPOs and other organizations in the field of social welfare, education and other basic infrastructure for daily life to promote activities that focus on realizing sustainable and vibrant local communities where all people, including people with disabilities, can live their life in their own way.

- Coexistence with All People
  - Create opportunities and environments where all people, from adults to children, with or without disabilities, can respect and recognize each other and improve their physical and mental health.

Main Activities in FY2023
- Donations from the Mitsubishi Electric SOCIO-ROOTS Fund to support social welfare facilities and children at disaster areas
- Satoyama Woodland Preservation Project, Mitsubishi Electric Outdoor Classroom, and Mitsubishi Electric Science Workshop
- Support for developing the next generation of human resources through donations to organizations related to culture, the arts, and sports
- Employment assistance for young people with disabilities from the Mitsubishi Electric America Foundation
- Support for educational institutions from the Mitsubishi Electric Thai Foundation
- Holding Soccer clinics in Asia

FY2023 Activity Results
Philanthropic activity expenditures
(Mitsubishi Electric and major domestic and overseas affiliates)
Approx. 1.77 billion yen

* Expenditures include philanthropic-related expenses such as internal programs and product donations
Coexistence with the Global Environment

Activities promoted by employees together with the local community for harmonious coexistence with nature "Woodland Preservation Project" "Mitsubishi Electric Outdoor Classroom"

The Mitsubishi Electric Group conducts two types of environmental conservation activities for achieving coexistence with nature, led by employees at each business site. The Satoyama Woodland Preservation Project, which started in 2007, seeks to restore "familiar nature," such as forests, the ocean, rivers, and fields located in the vicinity of our business sites. With the Mitsubishi Electric Outdoor Classroom project, which started in 2006, employees act as nature leaders to encourage their awareness of nature ecosystems through experiencing nature with the local people under the guidance of Nihon Yagaiseikatsu Suishin Kyokai (the Japan Wildlife Activity Association).

The aim of this project is to repay nature for its various bounties and for cultivating diverse life, and to contribute to the communities where our business sites are located.

Since FY2021, when we were significantly affected by the COVID-19 pandemic, we have been using guidelines formulated through consultation with industrial physicians regarding the avoidance of the three Cs and health management. As an alternative measure for group activities, we are striving to continue our promotion through the event "Biodiversity Observation by One Million People," which has started and lets individual families enjoy nature and using the BIOME living things collection app (Biome Inc.) for smartphones.

In FY2024, we expect to be able to resume in-person and going forward, employees will continue to put in physical effort to live in coexistence with nature, which also helps to broaden communication with the local community in collaboration with local governments, the Japan Environment Association (the Junior Eco-Club) and other environmental activity organizations, local experts, kindergartens, and nursery schools.

<table>
<thead>
<tr>
<th>FY2023 Activity Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satoyama Woodland Preservation activities</td>
</tr>
<tr>
<td>Business sites: 38</td>
</tr>
</tbody>
</table>

Coexistence with Local Communities

Mitsubishi Electric SOCIO-ROOTS Fund

The Mitsubishi Electric SOCIO-ROOTS Fund was established in 1992 as a gift program in which the Company matches the amount of any donation made by its employees, thus doubling the goodwill of the gift. Many employees participate in the Fund each year. As of March 2023, the Fund has provided more than 1.49 billion yen to some 2,300 various social welfare facilities and programs. Branches have been set up at each of our business sites across Japan so that employees can provide monetary gifts that benefit social welfare facilities in their community.

Community chest of in each prefecture have cooperated since the Fund's inception to provide referrals to donation recipients and information about community needs. The Fund will continue to steadily support grass roots activities, as its name indicates, so that it can help to create smiles with big support that consists of consideration shown to people in need by each employee.

Donation and fundraising activities at our business locations

Each Mitsubishi Electric business site makes inventive efforts to facilitate donation by its employees, carrying out fund-raising activities suitable to the site. Some examples of these activities include charity bazaars, charity auctions, and donations through vending machines. In addition to the conventional donation boxes, a new online donation system has also been introduced in FY2022, as a means that agree with the recent increase in remote working.
Assistance that delivers our commitment
— Conveying the good intentions of employees with a smile —
We provide assistance to not only facilities supporting people with disabilities, but also nurseries, maternal and child living support facilities, foster homes, and assisted living facilities. Through presentation ceremonies, we strive to convey the feelings of our employees and provide support that people can put a face to. Messages of thanks from these facilities are a big motivator for our activities and always put a smile on employees’ faces.

Donations to areas affected by natural disasters
— Support for the healthy growth of children —
The Fund is making ongoing efforts to support children affected by natural disasters including the Great East Japan Earthquake. As of March 31, 2023, it has donated a sum of 198.5 million yen since the program began in fiscal 2012.

Science and Technology
Mitsubishi Electric Science Workshops
Since 2009, through the ‘Mitsubishi Electric Science Workshops’ children can experience basic scientific principles related to electricity, heat, sound, light, wind, communications and programming. The workshops convey the joy of science through experiments and other activities, show the relationships between the basic scientific principles taught and real products, and help the children realize how the products are useful in society. It is also a good opportunity for employees, who serve as lecturers, to look back on their work.

Living with diversity
Culture and Arts, Sports
Para-sports support
Mitsubishi Electric promotes initiatives to realize an inclusive society in which everyone, with or without a disability, respects and accepts each other. For example, by supporting para-sports, we train people to recognize and care for those who need support. As an official partner of the Japanese Para-Sports Association and the Japan Wheelchair Basketball Federation (JWBF), we contribute to spreading and raising awareness of para-sports.

JWBF Player Discovery Support Project
“Challengers presented by Mitsubishi Electric”
In fiscal 2023, we sponsored a player discovery support project which was held at six locations (Tokyo, Kagawa, Aomori, Okinawa, Niigata, and Osaka) and had a total of 80 participants.

Became a Special Cosponsor of the 48th Emperor’s Cup Japan Wheelchair Basketball Tournament
The 48th Emperor’s Cup Japan Wheelchair Basketball Tournament was held with spectators for the first time in 3 years and 8 months. More than 6,000 spectators attended. (For visitors’ enjoyment, a photo booth for visitors and a photo exhibition of the U23 World Championships were offered at the tournament site.) We also gift ‘competition wheelchairs’ so that as many people as possible can participate in this sport.
Activities by Mitsubishi Electric’s Sports Teams

Basketball
Nagoya Diamond Dolphins and Mitsubishi Electric Koalas actively engage in activities to promote basketball, such as regularly sending their coaches and players to basketball workshops held throughout Japan for primary and junior high school students.

Tennis
Professional players and employees who belong to Mitsubishi Electric’s Tennis Japan League team “Mitsubishi Electric Falcons” sponsor tennis workshops throughout Japan. Also, through wheelchair tennis and blind tennis, people with/without disabilities interact learning the importance of deepening mutual understanding, and efforts to help people recover emotionally were made through enjoying tennis with local residents in disaster-affected areas.

American football
The American football team utilizes its players’ power to carry out volunteering in reconstruction assistance for the Great East Japan Earthquake and cleaning activities in a park near practice areas to express their gratitude toward society.

Badminton
Our badminton team in S/J LeagueⅡ, called Diamond Wings, engages in activities to promote badminton and contribute to the local community mainly in Hyogo prefecture, where the team is based. It helps train athletes and shares the excitement of badminton by holding training sessions and allowing high school students to participate in practices.

Culture and Arts
Mouth and Foot Painting Artists of the World Exhibition
Mitsubishi Electric Building Solutions Corporation sponsors “Mouth and Foot Painting Artists of the World Exhibition” throughout Japan. As the title indicates, the exhibition features paintings by artists around the world who are deprived of the use of their hands, and thus paint using their mouths or feet to hold a paintbrush. The company encountered paintings drawn by artists belonging to the Association of Mouth and Foot Painting Artists of the World for the first time in 1991, when it purchased paintings to put on the wall of a lodging attached to a training facility in Kodaira city, Tokyo. Employees who saw these paintings were so impressed with the pieces that were laboriously painted by such artists, that they hosted an informal painting exhibition in the training facility in 1992. The response to this exhibition was so overwhelmingly positive that it came to be held throughout Japan starting since 1994. Promotional activities for the event are being continued by volunteers including the company employees and their families.

Supporting Narimichi Kawabata, a world-famous vision-impaired violinist
After graduating from Toho Gakuen School of Music, Mr. Narimichi Kawabata studied abroad at Royal Academy of Music where he was conferred Special Artist Status. Mitsubishi Electric has been supporting Mr. Kawabata since he started activities in the UK. In addition to supporting Mr. Kawabata, Mitsubishi Electric supports orchestra and opera houses to help develop the next-generation of artists.
Introduction of foundations operating internationally
Mitsubishi Electric America Foundation

The Mitsubishi Electric America Foundation (MEAF) has been working toward a more inclusive society in the United States since 1991. Given the high unemployment rate* of people with disabilities, combined with the need for capable talent, MEAF has invested $16.5M to date, in national grant projects designed to empower youth with disabilities to lead productive lives. MEAF also matches Mitsubishi Electric U.S. group company employee donations to support local community needs with $8.9M contributed and matched, for a total of $25.4M in contributions in the U.S. to date.

* Disability Employment Statistics | U.S. Department of Labor (dol.gov): The unemployment rate for working aged persons with a disability was 9.0 percent in Mar. 2023, compared to 3.5% for those without a disability.

Example National Grant Activities
Through its eleven-year “M>PWR possible” initiative, MEAF has helped “empower” more than 53,000 youth and veterans with disabilities to secure jobs in diverse industries, like hospitality, healthcare, distribution, manufacturing, IT, animation, and electronics recycling.

MEAF has been recognized for its efforts to prepare the next generation of youth with disabilities for employment with receipt of the American Association of People with Disabilities “Catalyst Award” in 2018, the Blue Star Recyclers “Star Partner Award” in 2019, and the Nuts, Bolts and Thingamajigs® charitable foundation of the Fabricators & Manufacturers Association, International® “Industry Innovation Award” in 2020.

Collaboration with U.S. Employees
Mitsubishi Electric U.S. group company employees volunteer more than 12,000 hours annually to support their communities. From supporting special needs schools, to food banks, to environmental conservation efforts, Mitsubishi Electric employees are “On the M.O.V.E.” to make a difference in society.
Mitsubishi Electric Thai Foundation
Established in 1991, the Mitsubishi Electric Thai Foundation (METF) has been contributing to the development of education in Thailand for over 30 years by providing scholarships to college students and helping educational institutions to operate independently. Since we started our environmental preservation initiatives in collaboration with the Thai government and private organizations, as well as Mitsubishi Electric Group companies in Thailand in 2014, we have actively engaged in volunteer activities related to environmental conservation. In addition, we established the Thai Philanthropic Committee in order to strengthen sustainability initiatives in Mitsubishi Group companies in Thailand. The Committee’s latest initiatives include COVID-19 and drought countermeasures to meet Thailand’s current needs.

Example of activities
(1) Support for educating the next generation
Scholarship program
Scholarships have been awarded to students at four engineering universities. They are intended for students who have excellent grades but have difficulties in studying due to economic circumstances, and play an important role in the development of science and technology in Thailand.

Science school
We provide a science class program for elementary school students with a different venue each time across Mitsubishi Electric Group companies. Our enjoyable science school activities include scientific experiments and introductions to technologies used in products from the Mitsubishi Electric Group to help educate children and contribute to the community.

Prateep Dek Thai Project
METF matches contributions from employees at Mitsubishi Electric Group’s locations in Thailand and funds projects to construct nursery schools in rural areas that are in need of such facilities to help children grow healthily and to provide support for households that are struggling financially.

Partnership School Project
As we consider schools to be the hubs of lifelong learning in communities, we engage students and communities in collaboration with the Mechai Viravaidya Foundation and Thailand’s educational ministry. Program participants can make preparations to become entrepreneurs by learning about crop production, marketing, accounting, and other topics.

(2) Environmental preservation activities
Community Water Management Project
We provide support for initiatives to construct reservoirs for villages suffering from droughts and floods. We promote these initiatives in collaboration with the Utokapat Foundation. In January 2023, the Mitsubishi Electric Thai Foundation received an award from Her Royal Highness Princess Sirindhorn for its contributions.
Climate change initiatives

In collaboration with Thai government organizations, the Mitsubishi Electric Thai Foundation works to prevent global warming and foster independent communities through environmental conservation activities by reducing greenhouse gas emissions, promoting carbon sinks (initiatives to absorb greenhouse gases, including carbon dioxide), and more.

Collaborative planting initiatives across the Group

As a nature preservation initiative, the Mitsubishi Electric Thai Foundation holds an annual planting activity through volunteer work by employees in collaboration with eleven Mitsubishi Electric Group companies in Thailand. In June 2022, over 200 Group employees gathered to plant trees and construct a dam.

Soccer clinics in Asia

On the title sponsorship of the AFF Mitsubishi Electric Cup 2022, we held soccer clinics in Thailand, Singapore, Malaysia, Indonesia, and Vietnam in cooperation with the ASEAN Football Federation (AFF). Former national team players from each country were invited as coaches, and Mitsubishi Electric Group employees participated as assistant coaches and played minigames with the children. We hope that this activity will give children, who will be leading the next generation, the opportunity not only to acquire soccer skills but also to dream big.
Example of Overseas Activities by the Mitsubishi Electric Group
As a company globally expanding of our business, Mitsubishi Electric Group carries out activities worldwide to contribute to the realization of a vibrant and sustainable society.

Volunteering at renovations for a children’s hospital (Poland)

Environmental protection promotion activities (China)

Hosting a business plan contest toward attaining a circular society (Germany)

Tree planting activity (India)

Pangolin (endangered species) conservation activities (Taiwan)

Supporting local food banks (England)

Opening a school STEM Lab (Vietnam)

Tree planting activities (Columbia)

Environmental protection activities (Philippines)
Social Data

Human Capital

Employment situation

<table>
<thead>
<tr>
<th>Category</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time employee</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
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<td>35,649</td>
<td>36,162</td>
<td>36,700</td>
<td>35,136</td>
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<td>31,997</td>
<td>32,346</td>
<td>32,701</td>
<td>31,141</td>
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<tr>
<td>Female</td>
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<td>3,652</td>
<td>3,816</td>
<td>3,999</td>
<td>3,995</td>
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<td>Temporary staff</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
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<td>7,105</td>
<td>6,838</td>
<td>6,882</td>
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<td>4,179</td>
<td>4,092</td>
<td>4,130</td>
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<td>Female</td>
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<td>2,659</td>
<td>2,503</td>
<td>2,375</td>
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<td>Average age</td>
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<tr>
<td>Total</td>
<td>40.4</td>
<td>40.5</td>
<td>40.7</td>
<td>41.1</td>
<td>41.3</td>
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<tr>
<td>Male</td>
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<td>40.6</td>
<td>41.0</td>
<td>41.3</td>
<td>—</td>
</tr>
<tr>
<td>Female</td>
<td>—</td>
<td>41.2</td>
<td>41.3</td>
<td>41.3</td>
<td>—</td>
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<tr>
<td>Average number of years worked</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>16.3</td>
<td>16.4</td>
<td>16.5</td>
<td>16.8</td>
<td>16.9</td>
</tr>
<tr>
<td>Male</td>
<td>—</td>
<td>17.2</td>
<td>17.1</td>
<td>16.9</td>
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<tr>
<td>Female</td>
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<td>17.4</td>
<td>17.4</td>
<td>16.9</td>
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</tr>
<tr>
<td>Turnover rate</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Total</td>
<td>2.2%</td>
<td>2.7%</td>
<td>2.3%</td>
<td>2.7%</td>
<td>2.8%</td>
</tr>
<tr>
<td>Male</td>
<td>—</td>
<td>2.2%</td>
<td>2.7%</td>
<td>2.7%</td>
<td>2.8%</td>
</tr>
<tr>
<td>Female</td>
<td>—</td>
<td>2.4%</td>
<td>3.1%</td>
<td>3.5%</td>
<td>—</td>
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Average annual wage

<table>
<thead>
<tr>
<th>Category</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time employee</td>
<td>8,169,232 yen</td>
<td>8,069,144 yen</td>
<td>7,963,544 yen</td>
<td>8,067,252 yen</td>
<td>8,273,671 yen</td>
</tr>
<tr>
<td>Gender difference*</td>
<td>70.4%</td>
<td>70.8%</td>
<td>71.6%</td>
<td>71.4%</td>
<td>71.3%</td>
</tr>
<tr>
<td>All workers</td>
<td>54.9%</td>
<td>58.5%</td>
<td>60.7%</td>
<td>61.0%</td>
<td>61.5%</td>
</tr>
<tr>
<td>Full-time employee*</td>
<td>61.2%</td>
<td>62.3%</td>
<td>63.5%</td>
<td>63.6%</td>
<td>63.6%</td>
</tr>
<tr>
<td>Non-regular employee*</td>
<td>71.0%</td>
<td>66.5%</td>
<td>63.5%</td>
<td>62.4%</td>
<td>63.2%</td>
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</table>

Diversity & inclusion

<table>
<thead>
<tr>
<th>Category</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Managerial position</td>
<td>1.8%</td>
<td>2.0%</td>
<td>1.9%</td>
<td>2.3%</td>
<td>2.6%</td>
</tr>
<tr>
<td>Female employees (%)*</td>
<td>3.7%</td>
<td>3.9%</td>
<td>4.1%</td>
<td>4.3%</td>
<td>4.5%</td>
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<tr>
<td>Managerial-equivalent position*</td>
<td>6.8%</td>
<td>7.0%</td>
<td>7.3%</td>
<td>7.6%</td>
<td>8.2%</td>
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</table>

Employee breakdown per segment and Business Area

<table>
<thead>
<tr>
<th>Segment</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
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<tr>
<td>Energy &amp; Electric Systems</td>
<td>46,732</td>
<td>46,852</td>
<td>47,687</td>
<td>47,113</td>
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<tr>
<td>Industrial Automation Systems</td>
<td>33,480</td>
<td>33,544</td>
<td>32,975</td>
<td>32,692</td>
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<tr>
<td>Information &amp; Communication Systems</td>
<td>15,185</td>
<td>15,042</td>
<td>13,300</td>
<td>13,818</td>
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<tr>
<td>Electronic Devices</td>
<td>5,415</td>
<td>5,431</td>
<td>5,323</td>
<td>5,393</td>
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<tr>
<td>Home Appliances</td>
<td>26,789</td>
<td>27,462</td>
<td>27,545</td>
<td>28,710</td>
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<tr>
<td>Other</td>
<td>12,716</td>
<td>12,643</td>
<td>12,603</td>
<td>12,329</td>
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<tr>
<td>Common</td>
<td>5,500</td>
<td>5,544</td>
<td>5,610</td>
<td>5,641</td>
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<tr>
<td>Total</td>
<td>145,817</td>
<td>146,518</td>
<td>145,653</td>
<td>145,696</td>
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</table>

Business Area (BA)

<table>
<thead>
<tr>
<th>Business Area (BA)</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infrastructure BA</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>21,840</td>
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<tr>
<td>Industry &amp; Mobility BA</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>31,897</td>
</tr>
<tr>
<td>Life BA</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>61,833</td>
</tr>
<tr>
<td>Business Platform BA</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>11,557</td>
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<tr>
<td>Other</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>16,575</td>
</tr>
<tr>
<td>Common</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>5,953</td>
</tr>
<tr>
<td>Total</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>149,655</td>
</tr>
</tbody>
</table>

New graduates

<table>
<thead>
<tr>
<th>Segment</th>
<th>October 2018 and April 2020 (result)</th>
<th>October 2020 and April 2021 (result)</th>
<th>October 2021 and April 2022 (result)</th>
<th>October 2022 and April 2023 (projection)</th>
<th>October 2023 and April 2024 (plan)</th>
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</thead>
<tbody>
<tr>
<td>Mitsubishi Electric</td>
<td>Engineering positions 660</td>
<td>560</td>
<td>500</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td></td>
<td>Sales &amp; administrative positions 200</td>
<td>170</td>
<td>200</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>Technical positions 300</td>
<td>210</td>
<td>200</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td></td>
<td>Total 1,160</td>
<td>940</td>
<td>900</td>
<td>1,100</td>
<td>1,100</td>
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<tr>
<td>Group companies in Japan</td>
<td>1,500</td>
<td>1,370</td>
<td>1,200</td>
<td>1,300</td>
<td>1,600</td>
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<tr>
<td>Total</td>
<td>2,660</td>
<td>2,310</td>
<td>2,100</td>
<td>2,400</td>
<td>2,700</td>
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</tbody>
</table>

*1 Female average annual wage compared to male average annual wage, expressed as a percentage
*2 Full-time employees and non-regular employees who are full-time, open-ended
*3 Percentage of female employees in managerial positions out of all employees in managerial positions
*4 Persons with work tasks and responsibilities that are equivalent to those of a section manager
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Initiatives that contribute to addressing social challenges

Mid-career hires

<table>
<thead>
<tr>
<th>[Mitsubishi Electric Group Companies in Japan] (Unit: No. of people)</th>
<th>FY2020 (result)</th>
<th>FY2021 (result)</th>
<th>FY2022 (result)</th>
<th>FY2023 (result)</th>
<th>FY2024 (plan)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitsubishi Electric</td>
<td>530</td>
<td>420</td>
<td>400</td>
<td>900</td>
<td>1,000</td>
</tr>
<tr>
<td>Group companies in Japan</td>
<td>1,000</td>
<td>660</td>
<td>700</td>
<td>1,000</td>
<td>1,000</td>
</tr>
<tr>
<td>Total</td>
<td>1,530</td>
<td>1,080</td>
<td>1,100</td>
<td>1,900</td>
<td>2,000</td>
</tr>
</tbody>
</table>

Percentage of female employees in all new hires

<table>
<thead>
<tr>
<th>[Mitsubishi Electric] (Unit: %)</th>
<th>FY2020 (result)</th>
<th>FY2021 (result)</th>
<th>FY2022 (result)</th>
<th>FY2023 (result)</th>
<th>FY2024 (projection)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>15.1</td>
<td>18.8</td>
<td>20.0</td>
<td>23.3</td>
<td>18.4</td>
</tr>
<tr>
<td>Sales &amp; administrative positions</td>
<td>31.5</td>
<td>37.0</td>
<td>38.0</td>
<td>44.3</td>
<td>36.1</td>
</tr>
<tr>
<td>Engineering positions</td>
<td>9.4</td>
<td>13.4</td>
<td>14.4</td>
<td>15.0</td>
<td>11.3</td>
</tr>
</tbody>
</table>

Employment rate of people with disabilities

<table>
<thead>
<tr>
<th>[Consolidated across three companies]* (Unit: %)</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.23</td>
<td>2.28</td>
<td>2.34</td>
<td>2.39</td>
<td>2.47</td>
<td></td>
</tr>
</tbody>
</table>

* Actual average employment rate (consolidated across three companies) Figures are fiscal year averages.

Starting salary

<table>
<thead>
<tr>
<th>[Mitsubishi Electric]</th>
<th>Monthly wage</th>
<th>Compared to the minimum wage</th>
</tr>
</thead>
<tbody>
<tr>
<td>High school graduate</td>
<td>179,000 yen</td>
<td>104%</td>
</tr>
<tr>
<td>Technical high school graduate</td>
<td>202,000 yen</td>
<td>118%</td>
</tr>
<tr>
<td>College graduate</td>
<td>232,000 yen</td>
<td>135%</td>
</tr>
<tr>
<td>Graduate school graduate</td>
<td>257,000 yen</td>
<td>150%</td>
</tr>
</tbody>
</table>

* Minimum wage is calculated based on the minimum wage for Tokyo Prefecture as of March 2023 (1,072 yen per hour), working 20 8-hour days per month.

Annual amount of human resources development and training expenses per employee

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Training hours/year</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>25.7 hours</td>
</tr>
<tr>
<td>Training expenses/year</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>86,000 yen</td>
<td>124,000 yen</td>
</tr>
</tbody>
</table>

* Results solely for training organized by corporate divisions in FY2023; does not include training conducted by divisions and production sites. (Note that trainee training is included in the results.)

Trend in the number of people from overseas participating in training programs held in Japan

<table>
<thead>
<tr>
<th>[Mitsubishi Electric Group Companies] (Unit: No. of people)</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
<th>Cumulative total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitsubishi Electric</td>
<td>5</td>
<td>7</td>
<td>Cancelled due to the impact of COVID-19</td>
<td>18</td>
<td>15</td>
<td>53</td>
</tr>
<tr>
<td>Group companies in Japan</td>
<td>29</td>
<td>30</td>
<td>Cancelled</td>
<td>30</td>
<td>238</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>91</td>
<td>105</td>
<td>Cancelled</td>
<td>407</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MGEP: Mitsubishi Electric Global Executive Program (In some years, one or two selected members in Japan may participate.)

GMW: Global Management Workshop

WKP: Workshop for Key Personnel

Employees dispatched under the overseas OJT system

<table>
<thead>
<tr>
<th>[Mitsubishi Electric Group Companies in Japan] (Unit: No. of people)</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>North America</td>
<td>22</td>
<td>23</td>
<td>Cancelled due to the impact of COVID-19</td>
<td>22</td>
<td>21</td>
</tr>
<tr>
<td>Central/South America</td>
<td>1</td>
<td>5</td>
<td>18</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Europe</td>
<td>25</td>
<td>32</td>
<td>18</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>Middle East</td>
<td>0</td>
<td>0</td>
<td>14</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>Southeast/South Asia, Oceania</td>
<td>27</td>
<td>19</td>
<td>16</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>East Asia</td>
<td>16</td>
<td>21</td>
<td>73</td>
<td>84</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>91</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

Evaluation indicators related to workplace culture improvement initiatives

<table>
<thead>
<tr>
<th>[Mitsubishi Electric] (Unit: %)</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
<th>FY2026 Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employee Engagement Score</td>
<td>63</td>
<td>61</td>
<td>54</td>
<td>54</td>
<td>54</td>
<td>70 or more</td>
</tr>
<tr>
<td>(Percentage of employees who are proud and motivated to work for the Company) *</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percentage of employees who responded that they had a good work-life balance</td>
<td>66</td>
<td>66</td>
<td>65</td>
<td>65</td>
<td>66</td>
<td>70 or more</td>
</tr>
</tbody>
</table>

* Average percentage of positive responses to the five questions in the annual employee attitude survey: "Pride in working for the Company," "Willingness to contribute," "Desire to change jobs," "Encouraging others to join the Company," and "Sense of achievement through work"

Monthly overtime hours per employee

<table>
<thead>
<tr>
<th>[Mitsubishi Electric] (Unit: hours)</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.1</td>
<td>27.4</td>
<td>24.9</td>
<td>26.2</td>
<td>25.1</td>
<td></td>
</tr>
</tbody>
</table>
### Utilization status of childcare and family care programs

<table>
<thead>
<tr>
<th></th>
<th>[Mitsubishi Electric] (Unit: No. of people)</th>
<th>[Mitsubishi Electric Group Companies]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Childcare leave</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>340 414 513 634 747</td>
<td>1 0 0 0 0</td>
</tr>
<tr>
<td>Men</td>
<td>38 66 140 240 362</td>
<td>1 3 0 0 0</td>
</tr>
<tr>
<td>Women</td>
<td>302 348 369 394 385</td>
<td>3 0 3 3 10</td>
</tr>
<tr>
<td>Spousal childbirth leave</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Men</td>
<td>769 881 920 923 991</td>
<td>Mitsubishi Electric</td>
</tr>
<tr>
<td>Women</td>
<td>178 198 204 209 204</td>
<td></td>
</tr>
<tr>
<td>Rate of taking leave from work (%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>-- -- -- --</td>
<td>0.04 0.07 0.04 0.04 0.12</td>
</tr>
<tr>
<td>Men*</td>
<td>55.4% 59.1% 64.9% 67.8% 76.1%</td>
<td></td>
</tr>
<tr>
<td>Women</td>
<td>99% 100% 99% 99% 100%</td>
<td></td>
</tr>
<tr>
<td>Shorter working hours during childcare</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>392 406 406 413 413</td>
<td></td>
</tr>
<tr>
<td>Men</td>
<td>13 14 13 16 13</td>
<td></td>
</tr>
<tr>
<td>Women</td>
<td>379 392 393 397 400</td>
<td></td>
</tr>
<tr>
<td>Shorter working hours during pregnancy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Women</td>
<td>20 14 3 11 11</td>
<td></td>
</tr>
<tr>
<td>Nursing leave</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>18 18 12 15 25</td>
<td></td>
</tr>
<tr>
<td>Men</td>
<td>11 7 6 8 16</td>
<td></td>
</tr>
<tr>
<td>Women</td>
<td>7 9 6 7 9</td>
<td></td>
</tr>
<tr>
<td>Shorter working hours for nursing care</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>7 21 16 27 27</td>
<td></td>
</tr>
<tr>
<td>Men</td>
<td>1 1 4 1 2</td>
<td></td>
</tr>
<tr>
<td>Women</td>
<td>6 20 12 26 25</td>
<td></td>
</tr>
<tr>
<td>Nursing absence</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>35 48 26 31 40</td>
<td></td>
</tr>
<tr>
<td>Men</td>
<td>20 29 6 19 26</td>
<td></td>
</tr>
<tr>
<td>Women</td>
<td>15 19 20 12 14</td>
<td></td>
</tr>
</tbody>
</table>

* Including those taking special leave for childcare purposes

### Human Rights

#### Human rights education

<table>
<thead>
<tr>
<th></th>
<th>[Mitsubishi Electric Group Companies in Japan] (Unit: No. of people)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FY2019 FY2020 FY2021 FY2022 FY2023</td>
</tr>
<tr>
<td>Group training session related to human rights and harassment</td>
<td>Mitsubishi Electric</td>
</tr>
<tr>
<td>New employees</td>
<td>-- 927 833 941 912</td>
</tr>
<tr>
<td>Newly appointed managers</td>
<td>-- 584 478 436 534</td>
</tr>
<tr>
<td>Employees in charge of new employee training</td>
<td>-- -- -- 713 696</td>
</tr>
<tr>
<td>e-learning</td>
<td>Mitsubishi Electric</td>
</tr>
<tr>
<td></td>
<td>-- -- -- 39,001</td>
</tr>
<tr>
<td>Group Companies in Japan</td>
<td>-- -- -- 35,085</td>
</tr>
</tbody>
</table>

### Occupational Safety & Health Management

#### Frequency of fatal accidents

<table>
<thead>
<tr>
<th></th>
<th>[Mitsubishi Electric Group Companies]</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2019</td>
<td>FY2020</td>
</tr>
<tr>
<td>Fatal accidents Domestica</td>
<td>1</td>
</tr>
<tr>
<td>Overseas</td>
<td>1</td>
</tr>
<tr>
<td>Number of accidents causing lost worktime</td>
<td>Mitsubishi Electric</td>
</tr>
<tr>
<td>FY2019</td>
<td>FY2020</td>
</tr>
<tr>
<td>Frequency rate of industrial accidents (%) Mitsubishi Electric</td>
<td>0.04</td>
</tr>
</tbody>
</table>

#### Targets and results of “MHP Lively and Exciting Action” activities

##### Health satisfaction

<table>
<thead>
<tr>
<th></th>
<th>[Mitsubishi Electric Group Companies in Japan] (Unit: %)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>Target value (by FY2027)</td>
</tr>
<tr>
<td>Good appetite</td>
<td>Percentage of people who have an appetite and enjoy their meals</td>
</tr>
<tr>
<td>Good sleep</td>
<td>Percentage of people who sleep comfortably and soundly</td>
</tr>
<tr>
<td>Good bowel movements</td>
<td>Percentage of people with good bowel movements that leave them feeling comfortable</td>
</tr>
</tbody>
</table>

##### Lifestyle habits

<table>
<thead>
<tr>
<th></th>
<th>[Mitsubishi Electric Group Companies in Japan] (Unit: %)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>Target value (by FY2027)</td>
</tr>
<tr>
<td>Food</td>
<td>People who can control the quantity and quality of the food they eat</td>
</tr>
<tr>
<td>Exercise</td>
<td>People who engage in weekly exercise that gets them breathing more and working a sweat</td>
</tr>
<tr>
<td>Sleep</td>
<td>People who walk an average of 8,000 steps or more in a day</td>
</tr>
<tr>
<td>Oral hygiene</td>
<td>People who get enough sleep and are well rested</td>
</tr>
<tr>
<td>Oral hygiene</td>
<td>People who regularly undergo professional tartar removal or prophylaxis dental cleaning</td>
</tr>
<tr>
<td>Smoking</td>
<td>People who do not smoke</td>
</tr>
<tr>
<td>Alcohol</td>
<td>People who can drink alcohol in a moderated and controlled manner</td>
</tr>
</tbody>
</table>
Employees who took safety and health education programs

<table>
<thead>
<tr>
<th>[Mitsubishi Electric Group Companies in Japan] (Unit: No. of people)</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training for newly appointed safety and health section managers</td>
<td>Mitsubishi Electric</td>
<td>12</td>
<td>14</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>Training for newly appointed safety and health members</td>
<td>Group Companies in Japan</td>
<td>38</td>
<td>43</td>
<td>43</td>
<td>42</td>
</tr>
<tr>
<td>Training for newly appointed safety and health promotion members</td>
<td>Mitsubishi Electric</td>
<td>30</td>
<td>24</td>
<td>46</td>
<td>33</td>
</tr>
<tr>
<td>Training for newly appointed occupational health physicians and public health nurses</td>
<td>Mitsubishi Electric</td>
<td>14</td>
<td>16</td>
<td>13</td>
<td>8</td>
</tr>
<tr>
<td>Liaison meetings for safety and health members</td>
<td>Mitsubishi Electric</td>
<td>39</td>
<td>39</td>
<td>54</td>
<td>58</td>
</tr>
<tr>
<td>Company-wide safety and health education (for general employees)</td>
<td>Mitsubishi Electric</td>
<td>37,039</td>
<td>37,557</td>
<td>33,639</td>
<td>33,916</td>
</tr>
<tr>
<td>Company-wide safety and health education (for managers and supervisors)</td>
<td>Mitsubishi Electric</td>
<td>—</td>
<td>—</td>
<td>4,814</td>
<td>4,864</td>
</tr>
</tbody>
</table>

Supply Chain Management (Procurement)

Number of smelting companies identified in a survey of conflict minerals

<table>
<thead>
<tr>
<th>[Mitsubishi Electric Group] (Unit: No. of companies)</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of smelting companies identified Cumulative total: 4,600 companies</td>
<td>337 companies</td>
<td>364 companies</td>
<td>486 companies</td>
<td>350 companies</td>
<td></td>
</tr>
<tr>
<td>Tin</td>
<td>70%</td>
<td>91 companies</td>
<td>108 companies</td>
<td>165 companies</td>
<td>83 companies</td>
</tr>
<tr>
<td>Tantalum</td>
<td>73%</td>
<td>42 companies</td>
<td>43 companies</td>
<td>50 companies</td>
<td>37 companies</td>
</tr>
<tr>
<td>Tungsten</td>
<td>71%</td>
<td>48 companies</td>
<td>50 companies</td>
<td>69 companies</td>
<td>52 companies</td>
</tr>
<tr>
<td>Gold</td>
<td>74%</td>
<td>156 companies</td>
<td>163 companies</td>
<td>202 companies</td>
<td>178 companies</td>
</tr>
</tbody>
</table>

Responses to the Green Accreditation/CSR Procurement survey form

<table>
<thead>
<tr>
<th>[Mitsubishi Electric Group] (Unit: No. of companies)</th>
<th>Range of data</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surveyed suppliers All Mitsubishi Electric Group companies</td>
<td>1,856</td>
<td>1,721</td>
<td>1,860</td>
<td>1,549</td>
<td>499</td>
<td></td>
</tr>
<tr>
<td>Survey carried out by Mitsubishi Electric</td>
<td>1,261</td>
<td>552</td>
<td>580</td>
<td>934</td>
<td>338</td>
<td></td>
</tr>
<tr>
<td>Existing suppliers</td>
<td>1,201</td>
<td>455</td>
<td>511</td>
<td>809</td>
<td>252</td>
<td></td>
</tr>
<tr>
<td>New suppliers</td>
<td>60</td>
<td>97</td>
<td>89</td>
<td>125</td>
<td>86</td>
<td></td>
</tr>
<tr>
<td>Response rate (%)</td>
<td>96%</td>
<td>82%</td>
<td>88%</td>
<td>82%</td>
<td>83%</td>
<td></td>
</tr>
<tr>
<td>Survey carried out by domestic and overseas affiliated companies</td>
<td>595</td>
<td>1,169</td>
<td>1,080</td>
<td>615</td>
<td>161</td>
<td></td>
</tr>
<tr>
<td>Response rate (%)</td>
<td>61%</td>
<td>74%</td>
<td>71%</td>
<td>84%</td>
<td>82%</td>
<td></td>
</tr>
</tbody>
</table>

<Note> • The survey on existing suppliers is carried out every three years in principle with principal suppliers who fall within the top 80% in terms of purchase amounts.
• The above figures include cases where the companies resubmitted their survey response after receiving improvement instructions.

Rate of green accreditation certification among suppliers

<table>
<thead>
<tr>
<th>[Mitsubishi Electric] (Unit: %)</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certified</td>
<td>90</td>
<td>94</td>
<td>91</td>
<td>92</td>
<td>89</td>
</tr>
<tr>
<td>Not certified</td>
<td>10</td>
<td>6</td>
<td>9</td>
<td>8</td>
<td>11</td>
</tr>
</tbody>
</table>

FY2023 results of green accreditation and CSR procurement surveys among suppliers

<table>
<thead>
<tr>
<th>[Mitsubishi Electric] (Unit: %)</th>
<th>A (excellent)</th>
<th>B (good)</th>
<th>C (fair)</th>
<th>D (improvement required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human rights &amp; labor practices</td>
<td>94.3</td>
<td>0.0</td>
<td>0.0</td>
<td>5.7</td>
</tr>
<tr>
<td>Safety &amp; health</td>
<td>90.2</td>
<td>7.4</td>
<td>0.3</td>
<td>2.0</td>
</tr>
<tr>
<td>Fair trade &amp; ethics</td>
<td>90.2</td>
<td>0.0</td>
<td>0.0</td>
<td>9.8</td>
</tr>
<tr>
<td>Quality &amp; safety</td>
<td>97.9</td>
<td>0.9</td>
<td>0.0</td>
<td>1.3</td>
</tr>
<tr>
<td>Information security</td>
<td>97.6</td>
<td>0.3</td>
<td>0.3</td>
<td>1.7</td>
</tr>
<tr>
<td>Management system</td>
<td>69.3</td>
<td>5.4</td>
<td>1.0</td>
<td>24.3</td>
</tr>
</tbody>
</table>
### Results of green accreditation and CSR procurement surveys among suppliers - Number of suppliers given guidance and the content of the guidance

<table>
<thead>
<tr>
<th></th>
<th>Companies given guidance</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Environment</strong></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Content of guidance</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Further strengthening of initiatives regarding restrictions on chemicals contained in products (chiefly, responding to the revisions in the RoHS 2 Directive)</td>
<td>97</td>
<td>52</td>
<td>64</td>
<td>52</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>Strengthening management of chemical substances contained in products (creating management rules and understanding the chemical substances contained in products)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Clarifying the person in charge of environment management (participating in environment management conducted by management at business partners)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Human rights, labor practices, safety and health</strong></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Companies given guidance</td>
<td></td>
<td>188</td>
<td>114</td>
<td>96</td>
<td>114</td>
<td>73</td>
</tr>
<tr>
<td>Content of guidance</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Encouraging secondary suppliers to take up sustainability practices</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
Governance

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Corporate Governance

Basic Views on Corporate Governance

As a part of our initiatives to strengthen our business foundation to enable sustainable growth, the Mitsubishi Electric Group recognizes the importance of corporate governance as a fundamental precondition for our continued existence. The Group’s fundamental policy is to further enhance its corporate value by constructing, maintaining, and sustainably strengthening a corporate governance system that more accurately meets the expectations of society, our customers, shareholders, employees, and all other stakeholders.

As a company with a three-committee system, Mitsubishi Electric segregates the supervisory and executive functions; the Board of Directors plays a supervisory decision-making role, and the Executive Officers handle the day-to-day running of the Company. This system maintains the flexibility of its operations and promotes management transparency, leading to swift and decisive management decision-making. Through this system, the Company aims to promote sustainable growth in corporate value and shareholders’ value. To this end, the Company recognizes the importance of a highly independent Board of Directors adequately fulfilling its roles and responsibilities in corporate governance as a supervisory function.

The Board of Directors formulates and publishes ‘Mitsubishi Electric Corporation Corporate Governance Guidelines’ based on the views outlined above. The purpose of the Guidelines is to promote a clear understanding of the fundamental approach and framework of corporate governance and to build long-lasting, mutually trusting relationships through constructive dialogue with shareholders. The Board will inspect and review the Guidelines on an ongoing basis to ensure that the basic policy is effectively implemented and enhance our corporate governance practices.

Corporate Governance Framework

To promote the segregation of supervisory and executive functions, the Mitsubishi Electric’s Board of Directors is dedicated to supervising management with specific details of deliberations stipulated as the Board of Directors’ deliberation criteria. By delegating to the Executive Officers, the authority to make all business execution decisions within the limits permitted by the Companies Act, the Company ensure swift and decisive decision-making and appropriate risk-taking in business execution.

Both the Board of Directors and the three statutory committees are chaired by independent outside directors, and a majority of their members are independent outside directors as well, thereby improving the effectiveness of the supervisory function.

In addition, the Executive Officers’ Meeting has been established as a voluntary body to deliberate and make decisions on important business matters from the perspective of pursuing synergy and multifaceted risk management, in addition to sharing information among Executive Officers.

![Mitsubishi Electric’s Board of Directors (June 29, 2023)](image)
List of directors and skill matrix

<table>
<thead>
<tr>
<th>Name</th>
<th>Membership of Committee</th>
<th>Position</th>
<th>Skill matrix</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Corporate management and corporate strategies</td>
<td>ESG</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Finance and accounting</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Legal affairs and compliance</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Human resources and human resources development</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Global affairs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Engineering, DX and R&amp;D</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Business development and investment</td>
<td></td>
</tr>
<tr>
<td>Mitsui Yabunaka</td>
<td>○ ○</td>
<td>Chairman of the Board, Member of the Nomination Committee, Member of the Compensation Committee</td>
<td>○ ○ ○ ○ ○ ○</td>
</tr>
<tr>
<td>Kazunori Watanabe</td>
<td>○ ○ ○</td>
<td>Director, Chairman of the Compensation Committee, Member of the Audit Committee</td>
<td>○ ○ ○ ○ ○ ○</td>
</tr>
<tr>
<td>Hiroko Koido</td>
<td>○ ○</td>
<td>Director, Member of the Nomination Committee, Member of the Compensation Committee</td>
<td>○ ○ ○ ○ ○ ○</td>
</tr>
<tr>
<td>Tatsuro Kosaka</td>
<td>○ ○ ○ ○ ○ ○</td>
<td>Director, Chairman of the Nomination Committee, Member of the Compensation Committee</td>
<td>○ ○ ○ ○ ○ ○</td>
</tr>
<tr>
<td>Hiroyuki Yanagi</td>
<td>○ ○ ○ ○ ○ ○ ○</td>
<td>Director, Chairman of the Audit Committee, Member of the Nomination Committee</td>
<td>○ ○ ○ ○ ○ ○</td>
</tr>
<tr>
<td>Masako Egawa</td>
<td>○ ○</td>
<td>Director, Member of the Nomination Committee, Member of the Compensation Committee</td>
<td>○ ○ ○ ○ ○ ○</td>
</tr>
<tr>
<td>Haruka Matsuyama</td>
<td>○</td>
<td>Director, Member of the Audit Committee</td>
<td>○ ○ ○ ○ ○ ○</td>
</tr>
<tr>
<td>Kei Uruma</td>
<td>○</td>
<td>Director, Member of the Nomination Committee, President &amp; CEO</td>
<td>○ ○ ○ ○ ○ ○</td>
</tr>
<tr>
<td>Tadashi Kagaoishi</td>
<td>○</td>
<td>Director, Member of the Audit Committee</td>
<td>○ ○ ○ ○ ○ ○</td>
</tr>
<tr>
<td>Kuniaki Maeda</td>
<td>○</td>
<td>Director, Member of the Compensation Committee, Executive Officer, CFO (in charge of Accounting and Finance)</td>
<td>○ ○ ○ ○ ○ ○</td>
</tr>
<tr>
<td>Jun Nagasawa</td>
<td>○</td>
<td>Director, Member of the Audit Committee</td>
<td>○ ○ ○ ○ ○ ○</td>
</tr>
<tr>
<td>Satoshi Takeda</td>
<td></td>
<td>Director, Executive Officer, in charge of Auditing, CSO, (in charge of Corporate Strategic Planning, IR and SR, Operations of Associated Companies, Three Key Reforms and Sustainability)</td>
<td>○ ○ ○ ○ ○ ○</td>
</tr>
</tbody>
</table>

*The Board of Directors is composed of twelve members (seven of whom are independent outside directors, three of whom are female directors). ○● indicates the Chairperson.

Reference: Skill items required for Director

<table>
<thead>
<tr>
<th>Skill item</th>
<th>Reason for selection of the skill item</th>
<th>Skill item</th>
<th>Reason for selection of the skill item</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corporate management and corporate strategies</td>
<td>The Group needs Directors with abundant management experience and achievements in corporate management at companies as well as experience, knowledge and skills for formulating a sustainable growth strategy, in order to sustainably increase corporate value amid a drastic change in the business environment surrounding the Group.</td>
<td>ESG</td>
<td>The Group needs Directors with experience, knowledge, and skills concerning ESG in order to realize “addressing social challenges through our businesses”, positioning the realization of sustainability as the core of management, as well as to fulfill responsibilities to stakeholders including society, customers, shareholders, and employees.</td>
</tr>
<tr>
<td>Finance and accounting</td>
<td>The Group needs Directors with experience, knowledge, and skills concerning finance and accounting for building a strong financial base and realizing appropriate returns to shareholders as well as maintaining the discipline and governance of finance and accounting.</td>
<td>Legal affairs and compliance</td>
<td>The Group needs Directors with experience, knowledge, and skills concerning these items in order to globally develop the business, while thoroughly ensuring the legal and ethical compliance that forms the fundamentals of corporate activities.</td>
</tr>
<tr>
<td>Human resources and human resources development</td>
<td>The Group needs Directors with experience, knowledge, and skills concerning these items in order to promote human capital management, positioning human resource strategies as one of the important policies of business strategies.</td>
<td>Global affairs</td>
<td>The Group needs Directors with management experience from a global perspective and specialized knowledge and experience concerning international affairs in order to further grow in the global market.</td>
</tr>
<tr>
<td>Engineering, DX and R&amp;D</td>
<td>The Group needs Directors with specialized knowledge and experience concerning engineering, DX and R&amp;D in order to advance its “integrated solutions,” strengthening core components, field knowledge, and advanced digital technologies that are the Group’s advantages, as well as to promote open innovation and R&amp;D strategies toward future growth.</td>
<td>Business development and investment</td>
<td>The Group needs Directors with experience, knowledge, and skills concerning these items as the implementation of growth strategies including promotion of business portfolio strategies, development of new businesses, and M&amp;A is necessary for transforming itself into a “Circular Digital-Engineering” company and increasing corporate value in a sustainable way.</td>
</tr>
</tbody>
</table>
Board of Directors

Because the Board of Directors is dedicated to supervising management, the Board is able to fully discuss critical decisions that form the foundation of management, such as the Group’s basic management policies (Purpose, Our Values, Commitment, Management Policy, and Corporate Strategy) and the Group’s key agenda items set by the Board. From July 2023 to June 2024, the key agenda items include medium- to long-term management strategy, sustainability management, human resources strategy, DX, three key reforms, etc. The Board of Directors sufficiently discuss based on reports on the status of execution, and monitors as needed whether initiatives are being addressed in line with the basic policies and Corporate Strategy, and strives to improve corporate value sustainably over the medium- to long-term. The Board also strive to support swift and decisive decision-making and to appropriately evaluate business execution so that executive officers are encouraged to take appropriate risks.

Activities of the Board of Directors (Fiscal 2023)

In fiscal 2023, the Company held Board of Directors meetings thirteen times (three special meetings). Each meeting took about three hours. The main content of each discussion is as follows. In addition to the regular meetings, other meetings are held to exchange opinions among outside directors and with employees.

Information Gathering by the Directors

Mitsubishi Electric establishes the bureaus for the Board of Directors and the three statutory committees responsible for communication and coordination with the Directors including independent outside directors and Executive Officers (management).

The Directors will request information necessary to supervise management from the bureaus and related departments, and the bureaus and departments in charge will provide such information in a timely and appropriate manner.

The independent outside directors will actively seek a wide range of necessary information, not only from the Executive Officers and the bureaus, but also through direct dialogue with other employees.

Evaluation of Effectiveness of the Board of Directors

In order to continue the evaluation of the effectiveness of the Board of Directors’ composition and operations and pursue sustainable improvements in the monitoring board functions, the Board of Directors conducts an annual third-party evaluation of the effectiveness of the Board of Directors, and discusses the issues identified and initiatives for improvement. The Company requested Board Advisors, Inc., a third-party organization, to assess the effectiveness of the Board of Directors of the Company from July to September 2022. The assessment results have been delivered to the Company, along with suggestions for how to address issues that need to be improved.

Based on these results of evaluations and suggestions, the Board of Directors will improve its operations, including setting more appropriate key agenda items and further strengthen its management monitoring functions based on external perspectives.

Assessment methods/processes by the third-party organization

FY 2023 Summary of the assessment results on the Board of Directors’ effectiveness

Efforts have been made to address the issues identified by the examination of the effectiveness of the Board of Directors in fiscal 2022, and the following improvements in the effectiveness of the Board of Directors have been achieved.

Issues identified by the examination of the effectiveness of the Board of Directors in fiscal 2022

The following improvements in the effectiveness of the Board of Directors have been achieved:
- “The supervisory functions of the Board of Directors have been strengthened by having a majority of the Board composed of independent outside directors”
- “The composition of the Board of Directors has been improved through the appointment of two new outside directors with management experience in the manufacturing industry”
- “Discussions at the Board of Directors have been elevated by setting relevant agendas and facilitating the Board’s proceedings under the new chairman”
- “The operation of the Board of Directors has shown some improvements through the advance delivery of materials, the provision of information, etc.”

Issues expected to be addressed

The following four issues are expected to be addressed in order to further improve the effectiveness of the Board of Directors:
- Enhanced monitoring”
- “Elevating discussions at the Board of Directors meetings with relevant agendas”
- “Further strengthening the functions of the Board of Directors Secretariat”
- “Strengthening the functions of the Nomination Committee”
nomination committee

The Nomination Committee has authority over the appointment and dismissal of Directors and the decision on proposals regarding the appointment and dismissal of the President & CEO to be submitted to the Board of Directors. The Committee is also responsible for leading the succession planning of independent outside directors, discussing the personnel requirements for the President & CEO and the content and operational status of succession planning (the appointment and training of candidates), and reporting back to the Board of Directors.

Under this authority and role, the Nomination Committee recognizes the value of diverse perspectives, such as gender, internationality, work experience, and age, in fostering business development. As such, the Committee has established criteria for selecting Directors that prioritize a balanced mix of knowledge, experience, and abilities for the Board as a whole. Candidates are carefully chosen in accordance with these criteria.

Proposals regarding the appointment of the candidates for Directors and dismissal of Directors submitted to the General Meeting of Shareholders are comprehensively judged and decided by the Nomination Committee, and the appointment and dismissal of the Executive Officer by the Board of Directors.

The Nomination Committee is chaired by independent outside directors, and a majority of the members are also independent outside directors to ensure sufficient independence and objectivity.

Activities of Nomination Committee (FY2023)

Based on the objectives and authority of the Companies Act, the Nomination Committee determined the candidates for Directors to be submitted to the General Meeting of Shareholders.

In addition, in order to ensure objectivity and transparency in the selection and dismissal of the President and CEO, the committee also has the authority on decisions regarding proposals to be submitted to the Board of Directors regarding the selection and dismissal of the President and CEO. The committee also led the succession of Independent Outside Directors, discussed personnel requirements for the President and CEO and the contents and status of operation of succession planning (appointment and training of successor candidates), and submitted its recommendations to the Board of Directors.

The Company held nine Nomination Committee meetings during the fiscal 2023. Each meeting took about 40 minutes.

audit committee

The Audit Committee is chaired by an independent outside director and the full-time internal audit committee members also assist the Audit Committee's ability to collect information.

The Audit Committee members recognize that they owe fiduciary duty to shareholders, which include contributing to sustainable growth and enhancing corporate value.

To achieve this, the Committee will not limit itself to conducting defensive audits, such as operational and accounting audits. Rather, for enhanced information sharing, it will also attend important meetings such as Executive Officers' Meetings and Corporate Compliance Committee Meetings, hold meetings with senior management as appropriate, and assess the management policy and the progress of business execution in each division and base. This will help investigate any potential management issues and risks from the perspectives of legality, appropriateness, and efficiency.

When conducting such investigations, the Audit Committee will properly confirm the development and operation status of the internal control system and provide its opinions, in collaboration with the internal auditors for internal audits and the external accounting auditors for external audits.

The Audit Committee is chaired by independent outside directors, and a majority of the members are also independent outside directors to ensure sufficient independence and objectivity.

Activities of Audit Committee (FY2023)

The Audit Committee members, mainly those responsible for investigation (full-time Audit Committee members), attended Executive Officers’ meetings and other such important conferences, and conducted investigations such as interviews with Executive Officers and the executive staff of the Company’s offices and subsidiaries in accordance with the policies and assignments agreed upon the Committee.

Divisions in charge of internal control, including the Corporate Auditing Div., submitted internal audit reports to the Audit Committee members, who held meetings such as those to discuss internal audit policies and periodic report meetings to exchange opinions. Outside Audit Committee members visited our offices, affiliates, and other locations with the members responsible for investigation as needed and offered their opinions based on their expert knowledge at the Audit Committee meeting and other occasions.

In addition, the Audit Committee members discussed policies and methods of auditing with accounting auditors, who furnished them with reports on the status and results of the audits of the Company that they themselves conducted, and exchanged opinions with them.

The Company held fifteen Audit Committee meetings during the fiscal 2023. Each meeting took about two hours.

compensation committee

The Compensation Committee has the authority to determine the policies for determining compensation for Directors, Executive Officers, etc.; the details of compensation for individual Directors and Executive Officers; and the Company-wide performance evaluations and individual assessment of compensation, etc., related to the incentive compensation of Executive Officers.

Under this authority and role, the Compensation Committee deliberates on matters relating to compensation, giving due consideration to the diversity and skills perspective. In addition, the compensation system for Executive Officers was reviewed in fiscal 2023, and discussions is held on how to ensure that the system is fully operational.

The compensation scheme for Directors and the compensation scheme for the Executive Officers are set differently, corresponding to the contents and responsibilities of each duty and position. The compensation is determined based on the basic policies set by the Compensation Committee. Please refer to “Compensation for Directors and Executive Officers” for the details.

The Compensation Committee is chaired by independent outside directors, and a majority of the members are also independent outside directors to ensure sufficient independence and objectivity.

Activities of Compensation Committee (FY2023)

The Compensation Committee executed its duties based on the objectives and authority stipulated under the Companies Act. Specifically, the Committee discussed and decided on the policy regarding the determination of compensation for Directors and Executive Officers, the details of individual compensation for Directors and Executive Officers, performance evaluation regarding incentive compensation for Executive Officers, and compensation for each individual.

In addition, the Compensation Committee, at its meeting held in May 2022, decided to revise the compensation system for the Company’s Executive Officers and to apply this system from fiscal 2023. Please refer to the Annual Securities Report for the details concerning the said system.

The Company held eleven Compensation Committee meetings during the fiscal 2023. Each meeting took about one hour.
Criteria for Election to Board of Directors

Mitsubishi Electric recognizes the importance of ensuring the Board of Directors is competent in various areas of corporate management and corporate strategies, ESG, finance and accounting, legal affairs and compliance, human resources and human resources development, global affairs, engineering, DX and R&D, and business development and investment. Therefore, the Company has identified these as skills that should be possessed by the Board of Directors.

The outside directors, in particular, are chosen after consideration to ensure a well-balanced Board composition. For instance, the Board includes individuals with extensive experience in corporate management and in-depth knowledge of international affairs, lawyers with expertise in compliance and other internal controls, as well as certified public accountants and tax accountants with extensive expertise in accounting and tax practices.

The specific skills possessed by individual Directors are disclosed through a skills matrix that describes the capabilities that the Board of Directors as a whole should possess and the status of securing such capabilities.

Independency Guideline for Outside Directors

Mitsubishi Electric has specified the independence standards for outside directors.

The outside directors are expected to supervise management from a high-level perspective based on their abundant experience. Those who are comprehensively judged to possess the character, acumen, and business and professional experience suited to fulfill that role, and who satisfy the requirements of independent executives specified by the Tokyo Stock Exchange and the requirements specified in Mitsubishi Electric’s Independence Guideline for Outside Directors and thus possess no risk of giving rise to any conflict of interest with the general shareholders of the Company, are nominated as the outside director candidates by the Nomination Committee.

In the Independence Guideline for Outside Directors defined by the Company, the independence of candidates is more strictly judged by setting specific numerical criteria, such as the amount of transactions, etc., as well as by the standard of the Financial Instruments Exchange.

| Training for Directors and Executive Officers |

Mitsubishi Electric recognizes the importance of Directors and Executive Officers having a thorough understanding of the business characteristics, finances, and organizational structure of each of our businesses, as well as the general roles and responsibilities expected of corporate officers, and being able to supervise, advise, and make business decisions from a company-wide perspective.

Based on this recognition, training is provided on the new roles, responsibilities, and actions, etc., expected of Directors and Executive Officers prior to their taking office. To continue to fulfill their roles and responsibilities as Directors and Executive Officers after their appointment, the Company provides compliance education and updated training materials for them. The Company also provides the Directors and Executive Officers with sufficient information about the characteristics and latest status of Business Areas and Business Groups to promote understanding as well as opportunities to gain an understanding of the business and listen to the voices of on-site managers and employees by visiting Works.

| Succession Planning/Training of Successor Candidates |

The Nomination Committee deliberates on the contents regarding the personnel requirements of the President & CEO and succession planning (appointment and training of successor candidates) based on proposals drafted by the President & CEO, monitors the status of appointment and training of successor candidates, and reports to the Board of Directors.

The personnel requirements for the President & CEO are positioned as criteria for training of successor candidates, and the Committee is promoting the succession plan under the monitoring of the Nomination Committee so that successor candidates meet these criteria.

The Nomination Committee and the Board of Directors supervise the systematic training of successor candidates by sufficiently deliberating on these matters.
Compensation for Directors and Executive Officers

Process for Determining Compensation

In order to ensure the independence of judgment and enhance the effectiveness of the roles and authority of the Compensation Committee, the Committee gathers information and receives advice from compensation consultants of an external professional organization with abundant global experience and knowledge. The Committee deliberates and makes decisions about the policies for determining compensation for Directors, Executive Officers, etc. based on such information, giving due consideration to the surrounding environment and general trends in managerial compensation.

Policy on Determining Compensation Amounts

Mitsubishi Electric segregates the supervisory function and the execution function of management. The supervisory function of management is assigned to the Directors and the Board of Directors and the execution function of management is assigned to the Executive Officers. The compensation scheme for the Directors and the compensation scheme for the Executive Officers are set differently, corresponding to the contents and responsibilities of each duty and position.

<table>
<thead>
<tr>
<th>Composition of standard compensation for fiscal 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>President &amp; CEO</td>
</tr>
<tr>
<td>Other Executive Officers</td>
</tr>
</tbody>
</table>

Stock Ownership Guidelines

Mitsubishi Electric believes it is important to ensure that our Executive Officers share the same value with our shareholders on a long-term and sustainable basis. To this end, the Company requires its Executive Officers to continuously hold its stock during their term of office, even after the target amount has been reached.

Malus and Clawback Provisions

According to "Malus and Clawback Provisions", in the event of any material misconduct or violation by an Executive Officer, or in the event of any material revision to the financial results of prior fiscal years, the Compensation Committee may, by resolution, demand that such Executive Officer forfeit their right to receive incentive compensation (malus) or return their paid compensation (clawback). The compensation that may be subject to those provisions is performance-based bonuses to be paid or already paid, points granted before the delivery of shares and shares before the lifting of transfer restrictions, and some or all of the shares already delivered.

Sustainability initiatives reflected in compensation for Directors, Executive Officers, etc.

The promotion of sustainability initiatives is one of the indicators of compensation for Executive Officers, and is reflected in incentive compensation for achievement of performance indicators in non-financial items such as sustainability and ESG areas.
Internal Audit

An internal audit is intended to contribute to the sound management and strengthened management structure of Mitsubishi Electric and its affiliates in Japan and overseas by improving management efficiency, strengthening risk management, thoroughly observing the code of corporate ethics and ensuring compliance, and enhancing internal control.

With approximately 60 members acting independently in Japan and overseas, the Corporate Auditing Div. conducts internal audits of the Company from a fair and impartial standpoint. In addition, the division’s activities are supported by auditors with extensive knowledge of their particular fields, assigned from relevant business units.

Relationship with the divisions in charge of internal control

Mitsubishi Electric’s Corporate Management Divisions and Corporate Staff Groups, such as the Corporate Strategic Planning Div., the Corporate Accounting Div., the Corporate Legal & Compliance Div., and the Corporate Export Control Div. inspect the establishment and operation of the internal control system and regulations, etc. under their scope of responsibility for internal control. In addition, each Business Area or Business Group has its own compliance department, which reliably spreads company-wide compliance policies and inspects the compliance status in each Business Area or Business Group.

The Corporate Auditing Div. internally audits the operation and other aspects of the internal control system, evaluates the internal control related to the establishment of internal whistle-blower system and financial review, and mutually exchanges necessary information with each division in charge of internal control.

Mutual relationship among internal audit, the audit by the Audit Committee, and accounting audit

The Corporate Auditing Div. reports the internal audit policies and internal audit results to the Audit Committee and exchanges opinions with the Audit Committee members on a regular basis.

The Corporate Auditing Div. also reports internal audit results to the accounting auditors and continuously works with them, discussing the evaluation of the internal control related to financial review as needed.

Activities to ensure the effectiveness of internal audits

The Corporate Auditing Div. prepares and sends an audit report to the head of the audited department after the internal audit is conducted, and instructs the head of the audited department to formulate improvement measures as necessary. In order to ensure the effectiveness of internal audits, the Corporate Auditing Div. confirms the improvement measures developed by the audited department through the written responses submitted by the audited department, and conducts follow-up audits and evaluations to confirm the implementation progress as necessary.

In addition, the Corporate Auditing Div. prepares a report summarizing the internal audit for the first and second half of the year as a regular report, and report it, via the Executive Officers in charge, to the Audit Committee, and the President & CEO twice a year.
Compliance

Our Concept of Compliance

Message from Top Management

The Mitsubishi Electric Group regards "ethics and compliance" as the foundation of corporate management, and issues the following message to all officers and employees as part of its efforts to establish even stronger relationships of trust with customers, stakeholders and society.

Dear colleagues, Our Values that are shared equally by all members of Mitsubishi Electric Group declare that "we act with high ethical standards and comply with laws and social norms.

Based on these Values, we must fully recognize as our responsibility that adherence to ethics and compliance forms the basis for the company to remain in business, and we must never engage in conduct that violates ethics and compliance and always act with integrity. In recent years, however, Mitsubishi Electric Group has been faced with a series of quality-related misconduct and other situations that could cause us to lose the trust of our stakeholders that we have built up over the years. Each member of the top management team, including myself, must take this misconduct seriously.

In order for Mitsubishi Electric Group to remain capable of sustainable growth, we must work to foster a corporate culture that compels us to always "do the right thing" with strong determination and enthusiasm to make continuous changes for the better. If your workplace still has the mindset or culture that prioritizes profit and efficiency over compliance, please work to change it immediately.

In the course of your daily work, if you have doubts or discomforts about your own actions or the practices of your department or workplace, please promptly consult with your manager or the department in charge of compliance. In addition, those of you in managerial and supervisory positions must foster a workplace culture in which subordinates can consult with you without hesitation and take serious action to correct problems when you are consulted.

Mitsubishi Electric Group has a history of over a century. For the sake of our next 100 years of contributing to the realization of a vibrant and sustainable society, let us work together, with the flames of change always burning in each of our hearts, to create a new Mitsubishi Electric Group that is overflowing with pride and a strong sense of ethics.

President & CEO
Kei Uruma

Compliance Motto – "Always Act with Integrity"

Always Act with Integrity いかなるときも「誠実さ」を貫く

The Mitsubishi Electric Group established a compliance motto “Always Act with Integrity” for all Mitsubishi Electric Company’s officers and employees on June 1, 2021. “Integrity” means the strong will and attitude to persist in doing the right thing and having character traits such as “being fair,” “being honest,” “being sincere,” “taking responsibility for one’s behavior” and “respecting others.”

At the same time of the establishment of the compliance motto, we established “Questions to test for Integrity” as a hint for officers of employees to ask themselves whether their action or decision is right if they are at a loss as to whether their action or decision is right.

Questions to test for Integrity

<table>
<thead>
<tr>
<th></th>
<th>Is your action or decision in line with laws and regulations, internal rules, contractual terms or this Code of Conduct?</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Can you tell your family and friends about your action or decision without feeling ashamed?</td>
</tr>
<tr>
<td>3</td>
<td>Will you be proud of your action or decision if it is reported in the mass media or social media?</td>
</tr>
<tr>
<td>4</td>
<td>Does your action or decision give priority to compliance over other considerations, e.g., profit, efficiency, etc.?</td>
</tr>
<tr>
<td>5</td>
<td>Can you rationally and honestly defend your action or decision without having to give excuses such as, &quot;It is just a small thing, there will be no problem&quot;; &quot;It will not be found out&quot;; &quot;I need to do this for the company&quot;; &quot;It has been done this way for a long time&quot;; &quot;My senior colleague also did that&quot; or &quot;I was instructed by my superior&quot;?</td>
</tr>
<tr>
<td>6</td>
<td>Do you first assess if your superior’s instructions are right in light of this Code of Conduct before acting upon the instructions?</td>
</tr>
</tbody>
</table>
**Mitsubishi Electric Group Code of Conduct**

Mitsubishi Electric Group Code of Conduct is a uniform code of conduct in which laws and regulations and social norms to be complied with and respected by each officer and employee of Mitsubishi Electric Group in executing company business and performing their duties are put together and summarized, and is intended to serve as guidelines for our day-to-day conduct. This Code of Conduct was first established in 1990, and became what they are now through multiple revisions based on revisions of relevant laws and regulations, changes to people’s perceptions of social norms and other relevant factors. The version presented here is the most recent revision, published in March 2023.

In addition to the Japanese language, the Code of Conduct is published in English, Chinese, and Thai, etc. and offers identical content for each country and region in which we operate, presenting norms to which every Mitsubishi Electric Group officer and employee should conform.

**Mitsubishi Electric Group Compliance Promotion Structure**

The Mitsubishi Electric Group’s compliance promotion structure is based on the recognition that the promotion of compliance is inseparably linked with business promotion. Based on this structure, the President and CEO of Mitsubishi Electric Corporation is the chief compliance promotion officer, and each Mitsubishi Electric business division as well as each affiliate in Japan and overseas proactively promotes compliance.

The Corporate Compliance Committee has been established as a company-wide organization in order to formulate overall compliance policies for the Mitsubishi Electric Group, to develop measures to maintain and strengthen the systems necessary to promote compliance, and to share information.

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**Japanese version**

**English version**

**Chinese (Simplified) version**

**Chinese (Traditional) version**

**Thai version**

**Other languages**

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Mitsubishi Electric Group Code of Conduct

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Mitsubishi Electric Group compliance promotion structure

Meeting of compliance managers in the Europe region

Meeting of compliance managers in the Korea region
Thorough Dissemination/Education of Our Compliance Policy

| Ensuring that Employees are Familiar with Our Compliance Policy |

The top management of the Mitsubishi Electric Group, including the CEO, takes every opportunity to directly address officers and employees on the subject of compliance in a diverse range of situations, ensuring that an awareness of our stance on compliance takes root throughout our organization.

To raise awareness even further, we also display posters of our compliance motto “Always Act with Integrity” in our workplaces and distribute cards printed with the compliance motto to each of our employees. We distribute the “Mitsubishi Electric Group Code of Conduct” to all Mitsubishi Electric Group officers and employees, including overseas officers and employees.

Through disseminating the “Mitsubishi Electric Group Code of Conduct Global Handbook,” which explains the contents of Code of Conduct with Q&A and introduction for actual cases and holding workshops and read-through sessions in each workplace, our aim is for all officers and employees to internalize the Code of Conduct.

| Compliance Education by Diverse Means |

The Mitsubishi Electric Group works to ensure that employees are aware of the Group’s concept of compliance and of the laws that are essential to the conduct of our business activities, using a variety of tools including workshops, e-learning programs, and the distribution of manuals. In using these tools, we carefully consider and provide the optimum content for different businesses, job levels, job categories, and regions (overseas).

In addition to educational activities conducted independently by each of the Group’s affiliated companies and business divisions, we also carry out Group-wide educational initiatives. Officers and employees in all countries in which we operate take part in an educational program concerning the major relevant laws and the Group’s concept of compliance, through e-learning programs, group lessons, distance learning or other such methods. The rate of participation in e-learning on compliance at Mitsubishi Electric in fiscal 2023 was 100%. In fiscal 2023, though workshops faced various restrictions due to the influence of COVID-19, we aggressively conducted online workshops.

Education covering major laws and regulations, as well as the Group’s concept of compliance workshops related to compliance

| Fair Competition (Preventing the Violation of Anti-trust Laws) |

The Mitsubishi Electric Group deeply regrets its experience of having received an administrative penalty for violating anti-trust laws in Japan and overseas. Out of this regret, we uphold antitrust laws as one of the most important laws that we must abide by, and make ongoing Group-wide initiatives to both prevent any recurrence of such incidents and prevent previous incidents from being forgotten.

In addition to formulating and operating internal regulations that govern Mitsubishi Electric and its affiliated companies in Japan and overseas, we have also strengthened internal audits that specialize in anti-trust laws, and place importance on employee training through a combination of e-learning and classroom programs. In Japan, in addition to providing e-learning to directors, officers, and employees of Mitsubishi Electric and domestic affiliated companies, we have continued to conduct practical training that reflects the characteristics of each business since fiscal 2014. Additionally, we provide education on antitrust laws that focus on regional characteristics overseas in the combined form of e-learning programs and face-to-face education.

We will continue to make greater initiatives to prevent similar incidents from occurring and previous incidents from being forgotten, through regular monitoring of the status of daily business activities and internal regulations, practical training that matches actual transaction situations, and other such initiatives.

Compliance e-learning programs
| Corruption Prevention (Preventing Bribery) |

We engage in Group-wide initiatives to prevent bribery. The "Mitsubishi Electric Group Anti-Bribery Policy" that was established on April 1, 2017 reiterates to people in and outside the Group our policy that, among other things, our Group companies, their officers and employees do not offer bribes and do not pursue profits that can be realized only by offering bribes.

Furthermore, we are conducting monitoring activities such as maintaining and enacting internal regulations for interactions with public officials inside and outside the country as a measure to prevent bribery. We also work to prevent the occurrence of partners offering bribes by conducting pre-screenings to check for the risk of bribery before entering into new transactions with partners, including agencies, consultants, agents, and distributors, as well as by prescribing a strict antibribery provision in any agreements to be concluded. In addition, we provide training to directors, officers and employees of Mitsubishi Electric and its affiliates in Japan who regularly interact with public officials in the combined form of e-learning programs and face-to-face training. We also provide training to prevent bribery in our overseas offices in the combined form of e-learning programs and face-to-face training according to the characteristics of the respective region.

We will continue to enhance measures in each region, and take effective and efficient measures by selecting countries and transactions with particularly high risks of being involved in bribery, to respond to the expansion of our business at a global level. Note that there were no incidents where a fine, penalty, etc. relating to bribery was imposed.

| Support and Responses to Political Activities |

The Mitsubishi Electric Group provides support to political activities only upon full consideration of its social standing as defined in its Purpose and in compliance with relevant laws and regulations in each country.

For example, when Mitsubishi Electric makes a political donation in Japan, the Corporate Administration Division screens all cases in detail in accordance with the Political Fund Control Law, and ensures adherence to all internal procedures. Additionally, in public elections, we make every effort neither to infringe on the Public Offices Election Act nor deviate from sound social morals.

| Export Control |

To maintain international peace and security, Mitsubishi Electric has established and abides by the Corporate Security Export Control Regulation. Based on the regulation, all transactions are closely checked for any inclusion of export controlled items and security concerns related to destination, customers, end-use, and transaction conditions, and are strictly managed pursuant to relevant laws and regulations. Furthermore, to ensure all affiliated companies in Japan and overseas also take proper action in line with our policies, we distribute the Security Export Control Standard Regulations of the Mitsubishi Electric Group (in Japanese, English, Chinese, and Thai) to all affiliated companies, and provide guidance for the establishment of regulations, the development of a framework, employee training and internal audits in each company. In fiscal 2023, in Japan we provided e-learning courses and held online workshops for working-level personnel. For overseas affiliated companies, we have e-learning materials for the implementation of training programs in each company in major languages in Europe, America and Asia.

| Disassociation with Anti-social Groups |

The Mitsubishi Electric Group clearly sets forth in the following three provisions in the Mitsubishi Electric Group Code of Conduct and implements them.

1. We will not have any relationship with nor will we conduct business with any anti-social forces (including crime syndicates, terrorists, drug dealers). If any demand is made by antisocial forces, we refuse such demand.

2. We comply with applicable anti-money laundering, anti-corruption and anti-social forces laws and regulations. Furthermore, in Japan, it is recommended to include an article on the "elimination of crime syndicates and other anti-social groups" in transaction contracts and an officer for preventing unreasonable demands, as stipulated in the Anti-Organized Crime Law, is assigned to each business office and affiliated company as a Group-wide measure against unreasonable demands from anti-social groups.

If a transaction partner is found to be an anti-social group, we make every effort to promptly disassociate ourselves with the company with the cooperation of the police, external specialist institutions (the National Center for the Elimination of Boryokudan and the Special Violence Prevention Measures Association (Tokubouren) under the control of the Metropolitan Police Department, the National Center for the Elimination of Boryokudan, etc.), and lawyers.
Compliance Audits / Ethics and Legal Compliance Hotlines

| Compliance Audits |
To verify the state of compliance in the Mitsubishi Electric Group, the internal departments in each of the affiliated companies in the Group carry out self-inspection several times a year by various means. The inspection utilizes various tools, including specific check sheets for the areas of corporate ethics and legal compliance. Corrective action is taken as necessary in response to the result of such self-inspection.

Additionally, internal regulations and systems are in place to ensure proper operations across the Mitsubishi Electric Group. The Corporate Auditing Division of Mitsubishi Electric conducts internal audits to check the operational effectiveness of these regulations and systems (in the audit areas of ethics and legal compliance, accounting and finance, human resources, technology management and quality management). If an audit reveals the need for improvement, the relevant company or department will receive instructions for remediation/improvement. Periodical reports of audit are presented before the audit committee through the executive officer in charge of internal audits.

| Establishment of Internal and External Ethics and Legal Compliance Hotlines |
Mitsubishi Electric has put in place ‘ethics and legal compliance hotlines’ (internal notification system, so-called ‘whistle blowing system’), with the objective of promptly addressing fraudulent, illegal, and anti-ethical conducts as a self-disciplinary mechanism. This function is available through two notification channels, inside and outside the company. The outside channel is managed by independent law firms. The hotlines are operated pursuant to clearly defined internal regulations that ensure responses to anonymous informants, elimination of disadvantageous treatment of informants, and the confidentiality of all informants.

Notifications are also accepted from business partners and companies, if it pertains to issues that arise out of their relationship with Mitsubishi Electric, including but not limited to business transactions.

Alleged issues of each notification are examined by a group composed ‘ad hoc’ of members from departments capable of conducting investigation, depending on the nature of the notification. In case an alleged issue casts doubt on compliance with pertinent laws and/or internal rules, efforts are made to reinforce the prevalence of adequate norms through a revision of rules or explanatory meetings for promoting due understanding of the same. Where misconduct contrary to any laws and/or internal rules is detected, the concerned employee is subject to disciplinary action, and if any organized involvement in the detected incident is found, remediation is demanded of the concerned department.

The detailed functions of these ‘ethics and legal compliance hotlines’ are provided in Mitsubishi Electric Group Code of Conduct Handbook disseminated to all employees. These detailed functions also appear on posters displayed in each workplace (each department and operating base), on the handheld cards containing the contact information of internal and external contact points that are distributed to all employees, and on the Group website, to ensure that we communicate them to all employees.
The internal notification system is also in place in each affiliated company of the Mitsubishi Electric Group both in Japan and overseas.
Tax Initiatives

Basic Policy on Tax

Based on the concept of fulfilling our social responsibility through the proper payment of taxes, the Mitsubishi Electric Group has established the “Mitsubishi Electric Group Global Tax Policy” and is working to ensure tax compliance.

Tax Governance Framework

Based on a recognition that tax compliance is inseparably linked with business promotion, the Mitsubishi Electric Group’s tax governance framework ensures tax compliance by having each group company implement risk management under the direction and supervision of the Chief Financial Officer (CFO)*.

The CFO reports tax matters at Executive Officer meetings and on other occasions as necessary in consideration of their importance.

* Some taxes, including customs duties and personal income taxes, are the responsibility of the division in charge of complying with the respective laws and regulations.

Tax Policy

The Mitsubishi Electric Group has established the basic policy on tax that each group company shall adhere to in its domestic and international business activities.

< Mitsubishi Electric Group Global Tax Policy >

● Our principles
The Mitsubishi Electric Group has positioned sustainability as a pillar of its corporate management, based on its “Purpose” and “Our Values.”

Furthermore, the Mitsubishi Electric Group recognizes the importance of ethics and absolute compliance with legal requirements as a fundamental precondition for the Group’s continued existence.

Aligning with these principles and the “Mitsubishi Electric Group Code of Conduct,” the Mitsubishi Electric Group is committed to complying with tax laws and regulations, and pays the correct amount of tax.

● Our attitude towards tax planning
The Mitsubishi Electric Group complies with tax laws and regulations of the countries and regions in which we conduct business, including without limitation treaties applicable to them. We also respect guidelines such as, but not limited to OECD guidelines, and conduct transactions between group companies on an arm’s length principle.

The Mitsubishi Electric Group may seek to apply the tax incentives and exemptions available in the countries and regions in which we conduct business, however, we do not engage in any artificial tax arrangements which are not in line with “Our principles.”

● Tax risk management
The Mitsubishi Electric Group believes that tax compliance is inseparably linked with business promotion. Therefore, each group company shall thoroughly ensure tax risk management in carrying out their business operations.

The Mitsubishi Electric Group has put in place a framework for tax governance to ensure that tax management at the group level is properly implemented, and each group company maintains an organizational structure and processes in place to ensure that all applicable tax rules are respected and taxes are paid in accordance with those rules.

Where material uncertainty exists, the Mitsubishi Electric Group may proactively seek the advice of external experts as appropriate. Also, if available, we may consider to seek predictability from tax authorities by obtaining an interpretation/clarification of the application of tax laws and regulations through prior consultation.

In the event a disagreement with the tax authority arises on the appropriate tax treatment of a case and it cannot be resolved between both parties, the Mitsubishi Electric Group will resolve the issue constructively through an appropriate method.

● Relationship with tax authorities
The Mitsubishi Electric Group adopts a collaborative and constructive relationship at all times with tax authorities. We make accurate and timely declarations and respond to queries and information requests from tax authorities in a sincere and timely manner.

Tax Compliance Initiatives

In accordance with its tax governance framework, the Mitsubishi Electric Group is strengthening risk management by grasping the statuses of tax investigations by the tax authorities of each country and tax disputes, and other matters.

With regard to the transfer pricing regulation, as an important issue for our business operations, we are working to strengthen transfer pricing management based on the OECD Transfer Pricing Guidelines as well as the transfer pricing regulations of each country and region.
Risk Management

Basic Policy

With overseas revenue accounting for over 50%, the Mitsubishi Electric Group aims to transform into a "Circular Digital-Engineering Company" in a wide range of business areas. We also take the various compliance incidents that came to light seriously and have been working to improve our internal control system and others. To fulfill its responsibility to all stakeholders beginning with society, customers, shareholders, and employees, and to realize sustainability, the Group appropriately manages risks associated with the conduct of its business while strengthening its internal control system with an emphasis on prevention. Specifically, the framework incorporates risk management into business activities whereby risks are managed according to the size and characteristics of each business. Significant risks common to the entire Group are managed and prioritized according to their impact on the management of the Group as a whole. For new risks, such as human rights, demand for decarbonization, geopolitical risks, and game-changing trends in the future, we will respond in an effective manner through cross organizational and flexible team behavior.

Risk Management Framework

Risk management is implemented independently by each division and by domestic and overseas associated companies. In addition, the Group has built a framework to enable appropriate and quick decision making where Mitsubishi Electric’s each corporate division (division in charge of risk management) supervises and assesses each division and domestic and overseas associated companies in their respective specialized areas, and a CRO (Chief Risk Management Officer) and a Corporate Risk Management Division supervise the entire Group.

We will focus on a wide variety of risks according to their degree of impact on the management of the entire Group, and will not only respond to conventional risks such as large-scale disasters and social risks, but also flexibly and strategically investigate and prepare for new risks in areas such as economic security, human rights, and the global environment. In particular, important matters related to management supervision and execution are deliberated upon and decided at the Board of Directors meetings and the Executive Officer meetings.
Disaster Countermeasures

| Development of a Response Framework for Large-scale Disasters |

Engaging in business on a global scale entails the risk of being affected by disasters, including earthquakes, regional conflicts, terrorism, and outbreaks of infectious diseases. The Mitsubishi Electric Group is strengthening its response framework, reexamining its disaster prevention system and disaster countermeasures, to prepare for emergencies.

**Emergency disaster prevention framework**

In the event that any of the Mitsubishi Electric Group’s sites suffer or are at risk of suffering serious damage as the result of a large-scale disaster, we have a framework in place that is centered on the Mitsubishi Electric Emergency Response Center headed by our president, to enable the entire Mitsubishi Electric Group to respond to the emergency situation.

In addition to verifying the (personal and physical) disaster situation, the Emergency Response Center promptly examines and executes policies in response to business continuity initiatives and requests from society (support for affected areas, donations, etc.). Particularly with regard to overseas sites and affiliated companies overseas, it works closely with each regional response headquarters to ensure employee safety (safety confirmation, livelihood support, etc.) and provide support for business restoration.

**Framework for ordinary times (creation of a PDCA cycle for disaster response)**

In ordinary times, we take steps to ensure that the disaster prevention initiatives we have so far taken continue to be valid, by establishing a Company-wide Disaster Prevention and Safety Committee headed by the executive officer in charge of general affairs, and by implementing continuous improvement activities through a PDCA cycle to make improvements based on periodic examinations and reviews of the disaster response measures of the Mitsubishi Electric Group (at least once a year) and the results of emergency drills. In fiscal 2023, the Committee rolled out a Group-wide mechanism that enables a system to be developed step by step in order to improve the effectiveness of the BCPs by visualizing the progress of the effort.

**Initiatives for Business Continuity and Disaster Response**

**Business continuity plan (BCP) formulation and regular (annual) review**

To fulfill our responsibility as a product supplier, we had all Mitsubishi Electric offices formulate a BCP assuming the possible outbreak of a new strain of influenza in fiscal 2011 and a BCP assuming the risk of a large-scale earthquake in fiscal 2013 and urged major affiliated companies in Japan and overseas to formulate a BCP.

Each office and affiliated company in Japan and overseas where the BCP has been established reviews it and upgrades countermeasures every year so that the BCP once developed will not turn into a mere formality.

**Business continuity in the supply chain**

At Mitsubishi Electric, we pursue initiatives to avoid situations in which a large-scale disaster or other unavoidable circumstance imposes serious damage on suppliers, severs the supply of materials, or obstructs our production activities.

1. **Activities for visualizing the procurement parts supply chain and mitigating procurement risks in addition to procurement**

To prepare for the risk of supply chain disruptions in the event of an emergency, we implement various measures, such as visualizing the supply chain per procured item and purchasing from multiple suppliers. In addition, we continue to educate and support our suppliers on disaster preparedness by holding BCP seminars for them.

2. **Activities for ensuring a prompt initial response and efficient response tasks in times of emergency**

We are restructuring our frameworks and systems to accelerate and streamline operations, including centralized management of supply chain information for purchased goods, supplier impact surveys in the event of an emergency, and automation of response tabulation.
Strengthening disaster responses
Each office and affiliated company of the Mitsubishi Electric Group possesses a disaster response manual that is used to implement preliminary measures (disaster mitigation measures) and disaster prevention drills.

For example, Mitsubishi Electric carries out an emergency drill and safety confirmation training that involves the use of a safety confirmation system at each site. For IT continuity, we have two separate data centers in Tokyo and the Kansai region and carry out an annual drill for switching between data centers in the event of an emergency.

We have also instructed affiliated companies to establish the same level of disaster countermeasures as those implemented by Mitsubishi Electric to strengthen their emergency preparedness through disaster-prevention drills at each site.

Ensuring safety overseas
The Mitsubishi Electric Group's Overseas Security Center, under the Corporate Human Resources Division, works closely with overseas sites (overseas offices and affiliated companies of Mitsubishi Electric and affiliates in Japan) to grasp the dynamics and confirm the safety of overseas business travelers, convey various information (travel restrictions, etc. based on information gathered from the Ministry of Foreign Affairs and specialized agencies), and provide employee education.

In fiscal 2023, restrictions on overseas business travel were gradually relaxed as the impact of the COVID-19 waned. In particular, the number of overseas business travelers gradually increased after the Ministry of Foreign Affairs significantly eased border control measures in October 2022.

In addition, from the perspective of geopolitical risks, each overseas site prepares a crisis management manual that outlines evacuation procedures and routes in the event of an emergency, and collects relevant risk information from overseas crisis management consultants and other sources on a weekly basis and shares it with relevant personnel.

We also participated in the public-private overseas safety cooperation conference sponsored by the Ministry of Foreign Affairs, and exchanged information and views with other companies and organizations. The results of the conference have been incorporated into the risk management activities of our company and overseas sites.

Pandemic countermeasures
The development of various modes of transportation and transportation networks, and the globalization of the economy have increased not only the movement of people, but also the risk of pandemic diseases such as the Ebola virus disease and new strains of influenza. Amid the advancing globalization of the Mitsubishi Electric Group's businesses, in Japan we commenced initiatives to fulfill our corporate social responsibilities to (1) ensure people's safety, (2) sustain businesses that serve societal functions, and (3) minimize economic impact on our company in the event of an outbreak of a new strain of influenza (through BCP formulation, keeping tabs on the dynamics of business travelers and expatriates, stockpiling masks, etc.). Overseas, and particularly in countries where there is a high probability of an outbreak of a new strain of influenza, we provide direction for formulating a BCP that assumes such an outbreak and to otherwise implement countermeasures that are suitable for the situation in each country.
Economic Security

Against the backdrop of the recent competition for dominance in technology between the U.S. and China, more countries are introducing their unique systems that are beyond the traditional export controls based on international agreements within investment, procurement, development, human resources, network, data management, and so on. As tensions rise in the international community due to the global economic turmoil caused by the COVID-19 pandemic, Russia’s invasion of Ukraine, and other events, risk management should go beyond the status quo of individual compliance in order to decipher the background and intent of policies and regulations from a bird’s-eye view and the necessary control measures should be implemented accordingly.

Meanwhile, there is growing concern about forced labor and environmental issues in supply chains. With respect to the former in particular, the U.S. has enacted the Uyghur Forced Labor Prevention Act, and Japan has issued “Guidelines for Respecting Human Rights in Responsible Supply Chains, etc.” In these areas, there is a steady shift from soft law norms created by NGOs and NPOs to hard law, and the EU is also preparing the EU Corporate Sustainability Due Diligence Directive (CSDDD). It is important for risk management to properly identify trends and respond to them at as early a stage as possible, including by participating in rulemaking.

In addition, the geopolitical risks that have arisen as a result of Russia’s invasion of Ukraine are directly related to supply chain disruptions and the risk of supply disruptions for critical commodities. To ensure business continuity, it is essential to identify vulnerable items and commercial distribution channels as well as to strengthen supply chains through appropriate risk control.

In addition to compliance with individual regulations as we have been thus far, in order to keep up with the dynamic changes in the economic security environment, we have set up the Corporate Economic Security Division directly under the president. This division investigates and analyzes technologies, policy trends and legal systems related to security as well as implements integrated management from a perspective of comprehensive economic security as it relates to company-wide information management, supply chains, industry policies, ESG, and social ethics.

We have also created a groupwide economic security system by setting up the Economic Security Secretariat in each department, the Economic Security Office in affiliated companies in Japan, and the Economic Security Administrator in affiliated companies overseas.
Information Security

Basic Policy

In order to prevent the recurrence of a data leak incident caused by unauthorized system access, the Mitsubishi Electric Group will continue to strengthen its information management and utilization systems and other functions, and it will strengthen its security measures for cyberattacks. As a specific target, we will aim to achieve level 2 or higher in the Cybersecurity Maturity Model Certification (CMMC ver. 2).*1

Mitsubishi Electric manages information entrusted to the company by its customers and stakeholders and confidential corporate information relating to sales, engineering, intellectual property, and other areas. This management is carried out based on the Declaration of Confidential Corporate Information Security Management established in February 2005. In light of past events, we will once again work to increase awareness of this declaration further within the Mitsubishi Electric Group and strive to protect and manage information even more carefully.

*1 Framework for Cybersecurity Maturity Model Certification set forth by the U.S. Department of Defense. Level 2 or higher means that excellent security measures and management systems are put in place.

Declaration of Confidential Corporate Information Security Management

Framework and Guidelines

A new "Corporate Information Security Division" was established under the direct control of the president, to oversee all the Group’s information security management. Since April 2020, it has integrated three functions that were previously separate: management of confidential corporate information and personal data protection, information system security, and product security. Since April 2021, we have enhanced the structure and add members of Corporate Information Security Division. In addition, we will invest more than ¥50 billion to implement cybersecurity measures and establish sustainable information security management system so that we can achieve Level 2 or higher of the Cybersecurity Maturity Model.

The Executive Officer in charge of Information Security is responsible for the Group’s overall information security management. Under this officer’s direction, the Corporate Information Security Division is in charge of planning and implementing the Group’s information security management structure and rules as well as activities to ensure the security of information systems. The Division is striving to ensure information security by working closely with the Computer Security Incident Response Team (CSIRT) established in each business group and office that utilizes and manages the data and systems.

As other companies suffered cyberattacks that affected their factory productivity, Mitsubishi Electric also formed a section to ensure factory security, thereby bolstering preparedness.

In addition, as part of PSIRT activities*2 to promote product security measures, we were accredited as a CNA*3 in November 2020 and we now assign CVE IDs*3 to vulnerabilities that affect Mitsubishi Electric products and publish them by ourselves. This has strengthened a framework to practice efficient vulnerability handling with external stakeholders. Identified vulnerabilities are reported, instructions are given in keeping with this framework, and appropriate response is taken to prevent secondary damage.

Business groups and offices (offices, branches, works [production plants]) issue instructions and guidance on information security to affiliates in and outside Japan. Paying special attention to the circumstances and special characteristics of overseas affiliates, the Corporate Information Security Division will build close cooperative relations with overseas regional representative managers at sites in the Americas, Europe, and Asian countries to ensure information security.

*1 PSIRT is an abbreviation for Product Security Incident Response Team, which works on the security quality of products and services.
*2 CVE Numbering Authority. CVE is an abbreviation for Common Vulnerabilities and Exposures.
*3 Internationally used vulnerability identifiers

| Global Activities

To maintain and improve the information security level of the Mitsubishi Electric Group as a whole, including overseas affiliates, various inspections are conducted under the above information security framework, as prescribed in the Guidelines to Information Security Management Rules for Affiliated Companies.
Information Security Management

| Management Principles |
The Mitsubishi Electric Group practices confidential corporate information management and personal information protection utilizing a continuous improvement approach implemented using the Plan, Do, Check, Act (PDCA) cycle, and employs four security measures to ensure proper management and protection of confidential corporate information and personal information from the organizational, human, technical, and physical perspectives, taking the external environment into consideration, including the handling of personal data overseas.

![Four security measures](image)

| Information Security Regulations and Guidelines |
Committed to living up to its Declaration of Confidential Corporate Information Security Management and Personal Information Protection Policy, Mitsubishi Electric Corporation has established information security regulations and guidelines alongside the four security measures, and reviews them as necessary to stay in compliance with current laws. In addition, we have similar rules for personal information protection, which we apply to affiliates as well.

### Information Security Regulations and Guidelines

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<th>Basic regulations</th>
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<tbody>
<tr>
<td><strong>Security measures</strong></td>
<td></td>
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<tr>
<td>Organizational security measures</td>
<td>Regulations on confidential corporate information security management, Personal data protection guidelines</td>
</tr>
<tr>
<td>Human security measures</td>
<td>Regulations on the work of employees</td>
</tr>
<tr>
<td>Technical security measures</td>
<td>Regulations on information security management</td>
</tr>
<tr>
<td>Physical security measures</td>
<td>Physical security guidelines</td>
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</table>

### Information Security Inspections

The Mitsubishi Electric Group performs the following inspections as part of the C (Check) stage of the PDCA cycle at head office management departments, business groups and offices, and affiliates. These inspections focus on checking whether confidential corporate information management and personal information protection activities are being implemented properly by the Mitsubishi Electric Group as a whole, and on confirming the status of those activities. We review measures based on the results, and this leads to the A (Act) stage of the PDCA cycle. These inspections are set down in the Confidential Corporate Information Management Regulations, which cover Mitsubishi Electric Corporation, and in the Guidelines for Information Security Management Regulations, which cover affiliates in and outside Japan.

#### Inspections related to information security

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<thead>
<tr>
<th>Item</th>
<th>Content</th>
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<tbody>
<tr>
<td>Self-check</td>
<td>Self-check program for confidential corporate information management and personal information protection</td>
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<tr>
<td></td>
<td>Using a checklist, each Mitsubishi Electric Group company performs a self-inspection of its activities for information security</td>
</tr>
<tr>
<td>Third-party check</td>
<td>Third-party check program for confidential corporate information management and personal information protection</td>
</tr>
<tr>
<td></td>
<td>Mitsubishi Electric’s business offices mutually check each other’s status of information security management. Mitsubishi Electric checks the status of information security at affiliated companies.</td>
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<tr>
<td></td>
<td>Personal information protection audits (Personal information protection management system audits)</td>
</tr>
<tr>
<td></td>
<td>At Mitsubishi Electric, the status of personal information protection is internally audited under the supervision of the Audit Manager for Personal Information Protection, who is appointed by the President &amp; CEO of Mitsubishi Electric. In affiliated companies in Japan that have been granted the right to use the “PrivacyMark,” the same internal audit is conducted by the audit manager at each company.</td>
</tr>
</tbody>
</table>

### Information Security Education

Mitsubishi Electric fosters a corporate culture that enforces the proper handling of confidential corporate information and personal information. We provide education programs to enable employees to ensure the implementation of specific security control measures, such as the server storage and encryption of files according to security levels. Specifically, information security education is provided to all employees in the form of e-learning to disseminate thorough knowledge of the security control measures (organizational, human, technical, and physical) that they should be aware of. This education is provided in response to the telework and to changes in the business environment and business models based on the growing use of cloud services, as well as in line with the roles that are expected of them at each career stage. In addition, Mitsubishi Electric regularly conducts exercises to verify that employees know how to handle spoofed e-mails.
Activities for Personal Information Protection

<table>
<thead>
<tr>
<th>Personal Information Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>In efforts to protect personal information, Mitsubishi Electric first created company rules on personal information protection in October 2001, and since then it has required all employees and affiliated persons to obey those rules strictly. Mitsubishi Electric issued a personal information protection policy in 2004, complying with the requirements of JIS Q 15001:2006 Personal Information Protection Management Systems. In January 2008, we were granted the right to use the “PrivacyMark,” which certifies the establishment of management systems that ensure proper measures for personal information protection. We have maintained our “PrivacyMark” certification until the present. We have also conducted a review of our internal regulations to ensure a proper response to Japan’s amended Act on the Protection of Personal Information, which went into force in April 2022.</td>
</tr>
</tbody>
</table>

Privacy Policy

<table>
<thead>
<tr>
<th>Proper handling of personal information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitsubishi Electric handles personal information appropriately; we acquire it by specifying purpose of use, use it only within the intended scope, and provide it to a third party only with prior consent from users. Furthermore, in preparation for data leakage risks from cyberattacks, we continue to strengthen security control measures, such as server storage and encryption.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Response to the EU General Data Protection Regulation (GDPR) and China’s Personal Information Protection Law</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Mitsubishi Electric Group handles personal data from the EU in an appropriate manner with due consideration to the General Data Protection Regulation (GDPR), which was put into force in the EU in May 2018 as a framework to protect privacy. In addition, cross-border transfer of personal data is now also being regulated outside Europe with China’s Personal Information Protection Law enforced on November 1, 2021, and the Group is taking appropriate measures.</td>
</tr>
</tbody>
</table>

Cyber-Attack Countermeasures

Cyber-attacks have become a major threat for businesses as they are growing increasingly sophisticated and diverse year-by-year. The Mitsubishi Electric Group is centrally managing the network, devices, and servers (cloud) and working to implement a multilayered defense which is based on the concept of zero-trust security* as countermeasures for cyber-attacks that are growing increasingly sophisticated and diverse, along with the wider use of cloud services and the wider adoption of teleworking. A multilayered defense lets us protect ourselves from cyber-attacks, detect suspicious signs and intrusions, and put in place a system to respond immediately should an incident occur, to prevent or minimize damage.

In addition, we have implemented multi-factor authentication that supports operations being conducted through access from offices, teleworking sites, and business trip destinations, and we manage authentication in a centralized manner. Internet websites are constantly exposed to many external threats, and so we only launch websites that are approved by Mitsubishi Electric in order to maintain a high security level.

* Concept of not giving trust to anything either inside or outside of the company, and testing and authorizing all communication attempts.

Initiatives Regarding Security Quality of Products and Services

Mitsubishi Electric has the Mitsubishi Electric Product Security Incident Response Team (PSIRT) as an internal framework to handle the security quality of products and services.

The following are Mitsubishi Electric PSIRT’s roles:
- Gather information on vulnerabilities in products and services provided to customers
- Respond swiftly to vulnerabilities discovered in cooperation with product design and production departments and service management departments
- Strengthen and promote technical initiatives to preclude vulnerabilities from the stage of product and service development
- Provide security training to all officers and employees involved in product and service development
- Disclose vulnerability information and measures to customers

Third-Party Certification

Mitsubishi Electric and affiliates in Japan promote holding third-party assessments and gaining third-party certification on information security.
Research and Development

Research and Development Strategy

Toward realizing sustainability, the Company advances research and development, aiming to provide solutions by fusing knowledge within and outside the Group as a "Circular Digital-Engineering" company.

We thoroughly enhance core technologies that create a competitive advantage for business, deepen fundamental technologies that support functions, properties, quality and reliability of equipment, systems and services, and investigate and create new technologies in a balanced way, preparing for a game change or any other event in the future. The Company will also accelerate development and create value through proactive cooperation with universities and other external R&D institutions, contributing to solving diversifying social issues.

During fiscal 2023, the total R&D expenses for the entire Group have amounted to 212.3 billion yen (9% increase compared to the previous fiscal year).

Major R&D Achievements in Fiscal 2023

Development of High-power, High-efficiency Power Semiconductor Module

Demand for a high-power, high-efficiency power semiconductor module has been increasing for power systems such as a traction system for railway vehicles and DC-power transmitters.

The Company has developed a HV100 dual type X-Series HVIGBT* module with a high voltage of 4.5 kV and rated current of 450 A. The seventh-generation IGBTs and RFC diode chips mounted have achieved higher current density with lower loss compared to existing products. In addition, the terminal layout is optimized for easy paralleling, which enables correspondence with various types of inverters.

We contribute to realizing carbon neutrality by making efforts to achieve further higher power and higher efficiency of power semiconductor modules.

* HVIGBT: High voltage insulated gate bipolar transistor

X-Series HVIGBT module HV100 dual-type (4.5kV/450A)

Contributing to further higher power and higher efficiency of inverters for large industrial devices

HV100 Dual-type X-Series HVIGBT Module
Development of Wire-laser Metal 3D Printer AZ600

Demand for metal 3D printers that create objects from 3D shape data is expected to increase due to such advantages as a significant reduction in manufacturing processes, a reduction in waste materials disposed of in manufacturing processes and an increase in the freedom of designing. We recently developed a wire-laser metal 3D printer “AZ600” that combines the world’s first*1 simultaneous 5-axis spatial control and digital manufacturing technology that cooperatively controls processing conditions, which enables high-quality, high-precision 3D printing. In addition, we apply a near-net-shape method** to parts machining, which realized both energy saving by shortening machining time and a reduction in waste materials.

Development of “Quantum Artificial Intelligence Technology” That Uses Automated Design to Realize Compact Inference Models

The development of quantum computers that exhibit advanced processing power through computation using quantum bits*1 is accelerating around the world.

The Company has developed a quantum artificial intelligence technology that automatically designs and optimizes inference models to downsize the scale of computation and confirmed for the first time in the world*2 that the technology contributes to higher performance in multiple areas such as non-destructive terahertz inspections, Wi-Fi indoor monitoring, compressed sensing and biosignal processing.

This recently developed technologies allow for significantly shorten computation time in a hybrid combination of both quantum and classical AI*3, even when using limited data. Going forward, we will advance the development of quantum artificial intelligence technology, aiming for its application to FA, air conditioning, building systems, mobility and a wide range of other industrial areas.

*1 As of February 24, 2022, according to Mitsubishi Electric’s research
*2 As of December 2, 2022, according to Mitsubishi Electric’s research
*3 Machine learning with conventional computers using classical bits

Wire-laser metal 3D printer “AZ600”

Shaping sample

Realized both energy saving by shortening machining time and a reduction in waste materials.

Mitsubishi Electric’s New Quantum Artificial Intelligence Technology Uses Automated Design to Realize Compact Inference Models
Intellectual Property

Intellectual Property Activities

| Basic Policy |

The proper protection of intellectual property (IP) rights promotes technological progress and sound competition, and also contributes to realizing affluent lifestyles and the development of society.

The Mitsubishi Electric Group recognizes that intellectual property (IP) rights represent a vital management resource essential to its future and must be protected. Through integrating business, R&D, and IP activities, the Group is proactively strengthening its global IP assets, which are closely linked to the Group’s business growth strategies and contribute to both business and society, and also working on protecting IP rights.

| Structure of the Intellectual Property Division |

The IP divisions of the Mitsubishi Electric Group include the Head Office IP Division and the IP divisions at the Works, R&D centers, and affiliated companies. The activities of each IP division are carried out under the executive officer in charge of IP at each location. The Head Office IP Division formulates strategies for the entire Group, promotes critical projects, coordinates interaction with external agencies including patent offices, and is in charge of IP public relations activities. At the Works, R&D center, and affiliated company level, IP divisions promote individual strategies in line with the Group’s overall IP strategies. Through mutual collaboration, these divisions work to link and fuse their activities in an effort to develop more effective initiatives.

| Top 5 PCT applicants: businesses, 2022 (WIPO, PCT Yearly Review) |

<table>
<thead>
<tr>
<th>Rank</th>
<th>Applicant</th>
<th>Country</th>
<th>No. of applicants</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Huawei</td>
<td>China</td>
<td>7,689</td>
</tr>
<tr>
<td>2</td>
<td>SAMSUNG</td>
<td>South Korea</td>
<td>4,387</td>
</tr>
<tr>
<td>3</td>
<td>Qualcomm</td>
<td>USA</td>
<td>3,855</td>
</tr>
<tr>
<td>4</td>
<td>Mitsubishi Electric</td>
<td>Japan</td>
<td>2,320</td>
</tr>
<tr>
<td>5</td>
<td>Ericsson</td>
<td>USA</td>
<td>2,158</td>
</tr>
</tbody>
</table>

Further Strengthening Global IP Capabilities

The Mitsubishi Electric Group identifies critical IP-related themes based on its mainstay businesses and important R&D projects, and is accelerating the globalization of IP activities also by filing patents prior to undertaking business development in emerging countries where an expansion of business opportunities is expected. Furthermore, resident officers are assigned to Mitsubishi Electric sites in the United States, Europe, China, and Southeast Asia to take charge of IP activities and strengthen the IP capabilities of business offices, R&D centers, and affiliated companies in each country. Through these initiatives, we strive to create a robust global patent network.

As an indication of the Mitsubishi Electric Group’s IP capability and global IP activities, the company ranked No. 2 in Japan in terms of the number of patent registrations (in 2022) announced by the Japan Patent Office (JPO), and No. 4 in the world in terms of Patent Cooperation Treaty (PCT) applications by businesses (in 2022) announced by the World Intellectual Property Organization (WIPO).

In conjunction with creating a patent network, we are also actively pursuing activities toward acquiring design rights in Japan and overseas, to protect both the functional and design aspects of our technologies.
Open Technology Bank Activity

In order to realize a sustainable future, Mitsubishi Electric launched activities of the Open Technology Bank, which promotes internal and external collaborations based on intellectual property in fiscal 2022. In the past, the primary use of intellectual property was for competition between companies (monopolizing their use, preventing imitation, and exercising rights in relation to other companies); however, going forward, the Company will actively use intellectual property as tools for promoting collaborative creation.

Promoting external collaboration

The Mitsubishi Electric Group has a wealth of proprietary technology assets (patents, knowledge, etc.) in a wide range of areas, from home to outer space. The Open Technology Bank activities aim to create new value and businesses through combining and multiplying Mitsubishi Electric’s technologies with partner companies’ technologies and ideas. This is achieved through efforts to support partner companies in developing new products and services by granting licenses for Mitsubishi Electric’s technology assets that contribute to solving diverse social challenges. Through these actions of taking its technologies that contribute to solving various challenges including the realization of a decarbonized society and preparation for natural disasters, and granting licenses for these technologies to various industry sectors and fields, Mitsubishi Electric actively promotes co-creation with external parties based on intellectual properties, and thereby contributes to the realization of a sustainable future.

Strengthening internal collaboration

As a result of its active intellectual property activities, the Mitsubishi Electric Group is maintaining a high level in number of patent applications and registrations both in Japan and overseas. On the other hand, the execution of each patent is closed within the works that filed the relevant patent in many cases, and patented technologies have not fully been rolled out internally. As such, we internally released a technology map that classifies and visualizes our patents with a focus on technology and social challenges in an attempt to promote the utilization of technologies beyond division boundaries and to create synergy as a comprehensive electrical and electronics manufacturer. This map is designed to allow people to reference summaries of each patent, the division and name of the inventor, as well as other details. This reference information will promote internal collaboration across department boundaries.

IP Strategy for International Standardization

In order to expand business in global markets, the Mitsubishi Electric Group is actively promoting international standardization. Activities to acquire patents that support international standards (e.g., standard essential patents) are openly promoted. As the member of an organization in which patent pools for Digital Broadcasting, MPEG, HEVC, Blu-ray Disc™, and Mobile communications collectively control standard essential patents, the IP revenues obtained through the organization are contributing to improvement and growth in business earnings. The Group is also working to increase activities for acquiring patents in competitive fields involving international standards, and promoting IP activities that contribute to increasing product competitiveness and expanding market share. In the field of 5G mobile communication systems, which are expected to proliferate in the future, we are not only involved in activities to acquire standard-essential patents, but also leveraging our technologies to promote IP activities that make our products even better.

Respecting IP Rights

The Mitsubishi Electric Group firmly recognizes the importance of mutually acknowledging and respecting not only its own intellectual property rights but the intellectual property rights of others as well. This stance is clearly set forth in the Mitsubishi Electric Group Conduct Guidelines and practiced throughout the Group.

Any infringements on the IP rights of others not only violate the Code of Corporate Ethics and Compliance, but also have the potential to significantly impair the Group’s continued viability as a going concern. The resulting potential impairments include being obliged to pay significant licensing fees or being forced to discontinue the manufacture of a certain product.

In order to prevent any infringement on the IP rights of others, various educational measures are provided mainly to engineers and IP officers, to raise employee awareness and promote greater respect for the IP rights of others. At the same time, a set of rules has been put in place to ensure that a survey of the patent rights of others is carried out at every stage from development to production, and is strictly enforced throughout the entire Group.

The Mitsubishi Electric Group also works diligently to prevent any infringement on its IP rights by others. In addition to in-house activities, we place particular weight on collaborating with industry organizations while approaching government agencies both in Japan and overseas as a part of a wide range of measures to prevent the counterfeiting of our products.

Cooperation in IP Policies

IP policies—such as those for prompt and efficient patent examination, international standardization activities, measures against counterfeit and pirated goods, and the establishment of a global patent system—encourage fair competition and contribute to building affluent lifestyles and society.

Based on this awareness, Mitsubishi Electric makes various proposals regarding IP policies and amendments of relevant laws from the industrial perspective, through its activities with institutions such as the Intellectual Property Strategy Headquarters and other governmental agencies of the Patent Office, and industrial organizations such as the Keidanren and the Japan Intellectual Property Association. Given today’s advances in economic globalization, Mitsubishi Electric thus engages in active exchanges of views and information with the World Intellectual Property Organization (WIPO) and patent offices abroad, and cooperates in establishing IP policies from a broad, global perspective.
Communication with Shareholders and Investors

Basic Policy

The Mitsubishi Electric Group enthusiastically engages in IR and SR activities to gain the understanding and trust of its shareholders and investors, and makes it a point to disclose the appropriate information in a timely manner, in regard to management policies, strategies, and financial results. We also make every effort to incorporate into our management plans and practices the views of our shareholders and investors and the results of dialogue with them.

Status of Communication with Shareholders and Investors

Shareholders Meeting and Shareholder Communique

Mitsubishi Electric holds a General Meeting of Shareholders in late June every year. We regard shareholders’ meetings as a precious opportunity for direct communication with our shareholders and implement the following measures:

- Providing the measures for electronic provision of notice of convocation in late May and mailing it in early June to ensure sufficient time for shareholders to examine the agenda;
- Sending a document containing excerpts from the notice of convocation to shareholders who have not requested a delivery of the document;
- Providing an environment for shareholders to exercise their voting rights via the Internet and the electronic voting platform;
- Providing an environment that enables shareholders who are unable to attend the meeting to follow the meeting and to ask questions in advance, such as livestreaming the meeting and accepting questions in advance;
- Providing easy-to-understand explanations to shareholders through visual presentations of business strategies, performance, etc.;
- Providing detailed answers to questions that our shareholder pose and striving for honest, constructive dialogue.

And furthermore, at the beginning of December every year, we send a “Shareholder Communique (Midterm Report, written in Japanese)” to all of our shareholders. The Shareholder Communique provides an overview of the second quarter cumulative period and looks at future initiatives. This report is another example of how we strive to deepen our shareholders’ understanding of the Mitsubishi Electric Group.

IR and SR Activities

1. Framework for IR/SR Activities

Mitsubishi Electric recognizes that dialogue with stakeholders, including shareholders, is extremely important to promote initiatives to achieve sustainable growth and increase medium- to long-term corporate value. Based on this recognition, we believe it is crucial to give due consideration to their opinions and actively engage in dialogue to reflect their perspectives into management decisions. This is our basic approach to constructive dialogue with shareholders and investors.

Mitsubishi Electric has established the Corporate IR and SR Div., which is under the direct control of the president, with the CSO serving as the executive officer responsible for overall dialogue with shareholders and investors. Dialogue with shareholders and investors is led by top management, including the CEO and CFO, and conducted by the Corporate IR and SR Div. and other related departments.

Under this system, Mitsubishi Electric strives to enhance its communication tools with shareholders and investors by conducting enhanced dialogues and providing timely and appropriate information, as well as distributing various information sessions on demand and posting explanatory materials on its official website.

The responses and opinions obtained during the dialogue, investor trends, and results of individual interviews will be reported to the Board of Directors and the Executive Officers’ meeting. Based on this, the Board of Directors will hold sufficient discussions and provide feedback to the relevant departments, taking into account diverse opinions from independent outside directors, as well as report on improvement measures based on their opinions.

2. Achievements in fiscal 2023

In fiscal 2023, opportunities for direct dialogue with shareholders and investors in Japan and overseas gradually returned, with the resumption of face-to-face meetings, including the overseas roadshow where management meets with foreign investors. During the meetings, the dialogue focused on management strategy and management plan, ESG, and improper quality control and three key reforms which includes measures to prevent its recurrence.

Key activities include:

- Online and face-to-face individual interviews in Japan and abroad (total of 661 person)
- Holding financial results briefings (four times a year), IR Day (once a year) and other various briefings, as well as small meetings with management
- Conducting overseas roadshows, participating in conferences for overseas investors

Investor Relations website
## Governance Data

### Corporate Governance

#### Directors

<table>
<thead>
<tr>
<th>No. of directors</th>
<th>March 31, 2019</th>
<th>March 31, 2020</th>
<th>March 31, 2021</th>
<th>March 31, 2022</th>
<th>March 31, 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal directors Total</td>
<td>7 persons</td>
<td>7 persons</td>
<td>7 persons</td>
<td>5 persons</td>
<td>5 persons</td>
</tr>
<tr>
<td>Outside directors Total</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
<td>7 persons</td>
</tr>
<tr>
<td>Internal directors + Outside directors Total</td>
<td>12 persons</td>
<td>12 persons</td>
<td>12 persons</td>
<td>10 persons</td>
<td>12 persons</td>
</tr>
<tr>
<td>Male</td>
<td>11 persons</td>
<td>11 persons</td>
<td>11 persons</td>
<td>9 persons</td>
<td>11 persons</td>
</tr>
<tr>
<td>Female</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
</tr>
</tbody>
</table>

#### Percentage of Independent outside directors
- Internal: 42%
- Outside: 42%
- Total: 42%
- Female: 1%
- Male: 50%
- Total: 58%

#### Percentage of female directors
- Internal: 8%
- Outside: 8%
- Total: 8%

#### No. of Board meetings held
- Internal: 7 times
- External: 7 times
- Total: 8 times
- Female: 1 times
- Male: 5 times
- Total: 13 times

#### Chairperson
- Internal: 1 person
- External: 1 person
- Total: 1 person

### Directors and Officers (Directors+Executive Officers+Executive Officer (Associate))

<table>
<thead>
<tr>
<th>No. of directors and officers</th>
<th>March 31, 2019</th>
<th>March 31, 2020</th>
<th>March 31, 2021</th>
<th>March 31, 2022</th>
<th>March 31, 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal directors and officers Total</td>
<td>24 persons</td>
<td>24 persons</td>
<td>24 persons</td>
<td>24 persons</td>
<td>26 persons</td>
</tr>
<tr>
<td>Outside directors and officers Total</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
<td>7 persons</td>
</tr>
<tr>
<td>Internal directors and officers Total</td>
<td>29 persons</td>
<td>29 persons</td>
<td>29 persons</td>
<td>29 persons</td>
<td>33 persons</td>
</tr>
<tr>
<td>Male</td>
<td>28 persons</td>
<td>28 persons</td>
<td>28 persons</td>
<td>28 persons</td>
<td>32 persons</td>
</tr>
<tr>
<td>Female</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
</tr>
</tbody>
</table>

#### Percentage of female directors and officers
- Internal: 3%
- External: 3%
- Total: 3%

### Nomination Committee

<table>
<thead>
<tr>
<th>No. of directors</th>
<th>March 31, 2019</th>
<th>March 31, 2020</th>
<th>March 31, 2021</th>
<th>March 31, 2022</th>
<th>March 31, 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal directors Total</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
</tr>
<tr>
<td>Outside directors Total</td>
<td>4 persons</td>
<td>4 persons</td>
<td>4 persons</td>
<td>4 persons</td>
<td>6 persons</td>
</tr>
<tr>
<td>Internal directors + Outside directors Total</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
<td>7 persons</td>
</tr>
<tr>
<td>Male</td>
<td>4 persons</td>
<td>4 persons</td>
<td>4 persons</td>
<td>4 persons</td>
<td>6 persons</td>
</tr>
<tr>
<td>Female</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
</tr>
</tbody>
</table>

#### Percentage of outside directors
- Internal: 80%
- Outside: 80%
- Total: 80%
- Female: 10%
- Male: 90%

#### No. of Nomination Committee meetings held
- Internal: 3 times
- External: 3 times
- Total: 6 times

#### Chairperson
- Internal: 1 person
- External: 1 person
- Total: 1 person

### Audit Committee

<table>
<thead>
<tr>
<th>No. of directors</th>
<th>March 31, 2019</th>
<th>March 31, 2020</th>
<th>March 31, 2021</th>
<th>March 31, 2022</th>
<th>March 31, 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal directors Total</td>
<td>2 persons</td>
<td>2 persons</td>
<td>2 persons</td>
<td>2 persons</td>
<td>2 persons</td>
</tr>
<tr>
<td>Outside directors Total</td>
<td>3 persons</td>
<td>3 persons</td>
<td>3 persons</td>
<td>3 persons</td>
<td>3 persons</td>
</tr>
<tr>
<td>Internal directors + Outside directors Total</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
</tr>
<tr>
<td>Male</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
</tr>
<tr>
<td>Female</td>
<td>0 person</td>
<td>0 person</td>
<td>0 person</td>
<td>0 person</td>
<td>0 person</td>
</tr>
</tbody>
</table>

#### Percentage of outside directors
- Internal: 60%
- Outside: 60%
- Total: 60%

#### No. of Audit Committee meetings held
- Internal: 7 times
- External: 13 times
- Total: 20 times

#### Chairperson
- Internal: 1 person
- External: 1 person
- Total: 1 person

### Compensation Committee

<table>
<thead>
<tr>
<th>No. of directors</th>
<th>March 31, 2019</th>
<th>March 31, 2020</th>
<th>March 31, 2021</th>
<th>March 31, 2022</th>
<th>March 31, 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal directors Total</td>
<td>2 persons</td>
<td>2 persons</td>
<td>2 persons</td>
<td>2 persons</td>
<td>1 person</td>
</tr>
<tr>
<td>Outside directors Total</td>
<td>3 persons</td>
<td>3 persons</td>
<td>3 persons</td>
<td>3 persons</td>
<td>5 persons</td>
</tr>
<tr>
<td>Internal directors + Outside directors Total</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
<td>5 persons</td>
<td>6 persons</td>
</tr>
<tr>
<td>Male</td>
<td>4 persons</td>
<td>4 persons</td>
<td>4 persons</td>
<td>4 persons</td>
<td>4 persons</td>
</tr>
<tr>
<td>Female</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
<td>1 person</td>
</tr>
</tbody>
</table>

#### Percentage of Outside Directors
- Internal: 60%
- Outside: 60%
- Total: 60%

#### No. of Compensation Committee meetings held
- Internal: 3 times
- External: 4 times
- Total: 4 times

#### Chairperson
- Internal: 1 person
- External: 1 person
- Total: 1 person
### Compliance

#### Education covering major laws and regulations, as well as the Group’s concept of compliance

<table>
<thead>
<tr>
<th>[Mitsubishi Electric Group](Unit: No. of people)</th>
<th>Target</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Officers and employees in Japan (including contract employees, temporary employees, part-time employees, short-term workers, etc.)</td>
<td>127,300</td>
<td>126,049</td>
<td>131,306</td>
<td>Approx. 131,700</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employees in Southeast Asia, Oceania, and other regions</td>
<td>6,815</td>
<td>Approx. 7,000</td>
<td>Approx. 7,000</td>
<td>Approx. 7,300</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Workshops related to compliance

<table>
<thead>
<tr>
<th>[Mitsubishi Electric Group (in Japan)](Unit: No. of people)</th>
<th>Target</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Officers and employees in Japan (including contract employees, temporary employees, part-time employees, short-term workers, etc.)</td>
<td>240 times</td>
<td>113 times</td>
<td>111 times</td>
<td>—</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9,071</td>
<td>6,531</td>
<td>8,134</td>
<td>10,018</td>
<td>Approx. 3,300</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Compliance e-learning programs

<table>
<thead>
<tr>
<th>[Mitsubishi Electric Group (in Japan)](Unit: No. of people)</th>
<th>Target</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fair competition</td>
<td>Directors, officers and employees of Mitsubishi Electric and its affiliates in Japan who regularly interact with other companies</td>
<td>—</td>
<td>15,310</td>
<td>14,824</td>
<td>51,901</td>
<td>58,207</td>
</tr>
<tr>
<td>Of which, those in Mitsubishi Electric</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>15,502</td>
<td></td>
</tr>
<tr>
<td>Of which, those in Group companies in Japan</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>42,705</td>
<td></td>
</tr>
<tr>
<td>Corruption prevention</td>
<td>Mitsubishi Electric Group Companies in Japan</td>
<td>24,056</td>
<td>24,365</td>
<td>25,371</td>
<td>39,951</td>
<td>41,544</td>
</tr>
<tr>
<td>Of which, those in Mitsubishi Electric</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>25,562</td>
<td></td>
</tr>
<tr>
<td>Of which, those in Group companies in Japan</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>15,982</td>
<td></td>
</tr>
<tr>
<td>Export control</td>
<td>Mitsubishi Electric</td>
<td>36,578</td>
<td>37,520</td>
<td>38,415</td>
<td>38,726</td>
<td>39,432</td>
</tr>
<tr>
<td>Group companies in Japan</td>
<td>32,859</td>
<td>33,880</td>
<td>34,364</td>
<td>27,341</td>
<td>52,791</td>
<td></td>
</tr>
</tbody>
</table>
About Mitsubishi Electric Group

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Corporate Data
Financial Results
Purpose/Management Policy/Corporate Strategy
Mitsubishi Electric’s Business Segments ............. 172
Profile of the Mitsubishi Electric Group

<table>
<thead>
<tr>
<th>Corporate Data</th>
<th>Financial Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>President &amp; CEO:</strong> Kei Uruma</td>
<td><strong>Revenue for the Year Ended March 31, 2023</strong></td>
</tr>
<tr>
<td><strong>Phone:</strong> +81 (3) 3218-2111</td>
<td><strong>(Yen millions)</strong></td>
</tr>
<tr>
<td><strong>Established:</strong> January 15, 1921</td>
<td><strong>2022</strong></td>
</tr>
<tr>
<td><strong>Paid-in Capital:</strong> ¥175,820 million</td>
<td><strong>Revenue</strong></td>
</tr>
<tr>
<td><strong>Shares Issued:</strong> 2,147,201,551 shares</td>
<td><strong>Operating profit</strong></td>
</tr>
<tr>
<td><strong>Consolidated Revenue:</strong> ¥5,003,694 million</td>
<td><strong>Net profit attributable to Mitsubishi Electric Corp. stockholders</strong></td>
</tr>
<tr>
<td><strong>Consolidated Total Assets:</strong> ¥5,582,519 million</td>
<td><strong>Total assets</strong></td>
</tr>
<tr>
<td><strong>Employees:</strong> 149,655</td>
<td><strong>Bonds and borrowings</strong></td>
</tr>
<tr>
<td><strong>Performance for the Year Ended March 31, 2023</strong></td>
<td><strong>Mitsubishi Electric Corp. stockholders' equity</strong></td>
</tr>
<tr>
<td><strong>Revenue</strong></td>
<td><strong>Capital expenditure (Based on the recognized value of property, plant and equipment)</strong></td>
</tr>
<tr>
<td><strong>Operating profit</strong></td>
<td><strong>R&amp;D expenditures</strong></td>
</tr>
<tr>
<td><strong>Net profit attributable to Mitsubishi Electric Corp. stockholders</strong></td>
<td><strong>Per share Amounts:</strong></td>
</tr>
<tr>
<td><strong>Total assets</strong></td>
<td><strong>Earnings per share attributable to Mitsubishi Electric Corp. stockholders</strong></td>
</tr>
<tr>
<td><strong>Bonds and borrowings</strong></td>
<td><strong>Diluted</strong></td>
</tr>
<tr>
<td><strong>Mitsubishi Electric Corp. stockholders' equity</strong></td>
<td><strong>Cash dividends declared</strong></td>
</tr>
<tr>
<td><strong>Capital expenditure (Based on the recognized value of property, plant and equipment)</strong></td>
<td><strong>Statistical Information</strong></td>
</tr>
<tr>
<td><strong>R&amp;D expenditures</strong></td>
<td><strong>Operating profit ratio</strong></td>
</tr>
<tr>
<td><strong>Per share Amounts:</strong></td>
<td><strong>Return on equity (ROE)</strong></td>
</tr>
<tr>
<td><strong>Earnings per share attributable to Mitsubishi Electric Corp. stockholders</strong></td>
<td><strong>Bonds and borrowings to total assets</strong></td>
</tr>
<tr>
<td><strong>Basic</strong></td>
<td>1. The balance of bonds and borrowings and the ratio of bonds and borrowings to total assets do not include lease liabilities.</td>
</tr>
<tr>
<td><strong>Diluted</strong></td>
<td>2. R&amp;D expenditures include elements spent on quality improvements which constitute manufacturing costs.</td>
</tr>
<tr>
<td><strong>Cash dividends declared</strong></td>
<td>3. Diluted earnings per share attributable to Mitsubishi Electric Corp. stockholders is equal to Basic earnings per share attributable to Mitsubishi Electric Corp. stockholders, as no dilutive securities existed.</td>
</tr>
</tbody>
</table>

**Revenue by Business Segment**

- Infrastructure: 16.7% (Revenue: 973 billion)
- Industry & Mobility: 28.4% (Revenue: 1,660 billion)
- Life: 33.3% (Revenue: 1,947 billion)
- Business Platform: 2.3% (Revenue: 134 billion)
- Semiconductor & Device: 4.8% (Revenue: 281 billion)
- Others: 14.5% (Revenue: 850 billion)

*Sales of each segment include internal sales (transfers) between segments.
**Purpose/Management Policy/Corporate Strategy**

**Purpose**
We, the Mitsubishi Electric Group, will contribute to the realization of a vibrant and sustainable society through continuous technological innovation and ceaseless creativity.

**Our Values**
Trust/Quality/Technology/Ethics and Compliance/Humanity/Environment/Society

**Commitment**
In addition to realizing well-balanced corporate management from the three perspectives of growth, profitability/efficiency, and soundness, we will return to our fundamental principle of "addressing social challenges through our businesses" and position the realization of sustainability as the cornerstone of our management. From this approach, we will pursue a sustained enhancement of our corporate value and fulfill our responsibility to society, to our customers, shareholders and employees, and to all other stakeholders.

**Corporate Strategy**
Through co-creation and by integrating knowledge within and outside the Group, we will transform into a “Circular Digital-Engineering” company that provides evolved integrated solutions thereby contributing to solving various social issues.

**Changes for the Better**
"Changes for the Better" represents the Mitsubishi Electric Group’s attitude to “always strive to achieve something better,” as we continue to change and grow. Each one of us shares a strong will and passion to continuously aim for change, reinforcing our commitment to creating "an even better tomorrow."

---

**Global Operations**

- **Europe**
  - Revenue: 2,467,030 million yen
  - % of total Revenue: 49.3%
  - Number of consolidated subsidiaries: 91

- **Asia**
  - Revenue: 1,218,903 million yen
  - % of total Revenue: 24.4%
  - Number of consolidated subsidiaries: 67

- **Japan**
  - Revenue: 607,812 million yen
  - % of total Revenue: 12.1%
  - Number of consolidated subsidiaries: 31

- **North America**
  - Revenue: 625,562 million yen
  - % of total Revenue: 12.5%
  - Number of consolidated subsidiaries: 17

- **Others**
  - Revenue: 84,387 million yen
  - % of total Revenue: 1.7%
  - Number of consolidated subsidiaries: 3

---
Mitsubishi Electric’s Business Segments

Building Systems
Contributing to the smart development of cities and buildings by providing solutions in building space
Mitsubishi Electric elevators and escalators in operation in over 90 countries around the world realize high transportation efficiency, safety, and security using advanced technology. What is more, by using IoT and AI to operate elevators, air conditioning, lighting, and other building systems flexibly in response to the flow of people in buildings, we contribute to the realization of smart buildings and smart cities that are efficient and comfortable.
Main products:
- Elevators
- Escalators
- Building management systems
- Building security systems
- Net zero energy buildings (ZEB)
- Smart city building solutions
- Total building management services
- Building diagnosis and consulting
- Comprehensive renovation of building facilities

Factory Automation Systems
Underpinning global manufacturing by providing value-added products, solutions and services
We are a major FA supplier whose wide range of automation technologies from PLCs to laser processing machines underpin manufacturing. Our e-F@ctory concept also offers solutions to Digital Manufacturing challenges by utilizing FA and IT technologies to reduce the total cost of development, production and maintenance.
Main products:
- Edge and Programmable Logic Controllers (PLCs)
- Servo systems
- Industrial and collaborative robots
- Circuit breakers
- Energy-saving support systems
- NC controllers
- Laser processing machines
- 3D (metal) printers
- Software

Public Systems
Supporting a better tomorrow with cutting edge technologies at work in our everyday life
Our solutions cover a number of fields that underpin our everyday life, including advanced social infrastructure and public facilities and services. We enhance quality of living by creating solutions that are truly needed by society — everything from water environment systems, to solutions for making society safer and more secure, to providing video entertainment.
Main products:
- Water treatment systems
- Air traffic management systems
- Road information management systems
- Large-scale visual information systems
- Disaster information systems

Energy Systems
Building power infrastructure across the entire energy value chain as one of Japan’s foremost power system suppliers
Energy systems represent a core business that Mitsubishi Electric has been engaged in since our founding. We have played a major role in the development of power infrastructure around the world in all phases, from power generation to transmission and distribution. Mitsubishi Electric will work to maintain a balance between the active development of new businesses including “digital energy” and “renewable energy business,” and delivering a stable supply of electricity, with a view to achieving the social challenge of carbon neutrality.
Main products:
- Turbine generators
- System protection and control systems
- Vacuum breakers
- Transformers
- Power receiving and distribution systems
- Grid stabilization systems
- Switchgears
- Battery energy storage control systems
- Power conversion systems
- Power ICT solutions

Transportation Systems
Mitsubishi Electric as a leader in railway solutions providing a full range of equipment and systems for rolling stock
We developed an unrivaled level of technical prowess from our involvement in the development of rolling stock and wayside systems for all of Japan’s Shinkansen since it began service back in 1964. We are also utilizing our expertise in power and communications across various fields to improve energy efficiency. Our products have already been adopted by more than 30 countries around the world. Our goal is to support energy-efficient, comfortable and safe rail services both in Japan and abroad.
Main products:
- Propulsion systems
- Air conditioning systems for rolling stock
- Train control and management systems
- Train vision
- Power systems
- Transportation operation systems

Automotive Equipment
Contributing to the advancements in next-generation mobility with a broad lineup of products
We have developed and successfully mass produced the Advanced Driver Assistance System (ADAS) that combines a high-efficiency motor and inverter for xEV vehicle, camera, and high-precision locator etc. by leveraging our technology cultivated through the development of many kinds of in-vehicle equipment products that hold a leading market share globally. Going forward, we will help make safer, more secure, and comfortable cars for everyone, by incorporating the various needs of our changing automobile society into automotive equipment.
Main products:
- Electrification components
- ADAS products
- Electric power steering system products
- Engine management products
- Charging & Starting products
Space Systems

Cutting edge technologies at work across the vast business fields in the space industry

We have participated in the development of more than 650 satellites in various countries around the world. We are able to conduct all aspects of satellite development in-house, including design, production, and testing using our test facilities that can reproduce the environment in space. We are also a world leader in large telescopes, too, having been involved with the Subaru Telescope in Hawaii and the ALMA Telescope in Chile.

Main products
- Satellites
- Large telescopes
- Satellite control system

Information & Communication Systems

Making communications easier and more convenient with technologies that "send" information

We provide products for optical communication systems that enable high-speed transfers of content-rich data, such as HD videos, existing communications infrastructure including Internet. We also contribute to making better society through various solutions, including wireless communication systems for smart meters to optimize energy use and network camera systems to make society safer and more secure.

Main products
- Optical communication systems
- Wireless communication systems
- Network camera systems

Air Conditioning Systems

Providing comfortable and energy-efficient air conditioning for industry and in our everyday life

We provide not only in Japan but around the world with a broad range of highly energy-efficient air conditioning systems for houses, stores, offices, buildings, factories, and industrial facilities while featuring environmentally compatible, energy-saving technologies. In the area of industrial cooling and heating, we also offer a wide range of products and systems such as refrigerating machines, chillers, and water heaters for a variety of users, from warehouses and factories to ice skating rinks.

Main products
- Room air conditioners
- Commercial air conditioners
- Refrigeration systems, water heaters, and industrial cooling and heating systems

Home Appliances

Making the lives of our customers more comfortable

We supply a wide range of home appliances for the kitchen, living room, bedroom, and other locations. We will continue to make the lives of customers more comfortable by supplying products that meet and exceed customer expectations.

Main products
- Refrigerators and freezers
- Vacuum cleaners
- Rice cookers
- Lossnay
- EcoCute
- Lighting fixtures

Semiconductors & Devices

Leading the way in realizing Green Transformation (GX) by providing key devices underpinning a more affluent society

We supply semiconductors and devices that enable energy conservation and seamless communication systems as key devices in equipment used in a wide range of fields, from home electronics to space. In particular, power semiconductors devices are used in a truly wide range of fields, such as power control systems and motor control systems for home appliances, industrial equipment, electric vehicles and railways, as well as wind turbines and photovoltaic systems. The performance of our products helps to lower energy usage in each of these fields, too.

Main products
- Power semiconductors modules
- Optical devices
- High frequency devices

IT Solutions

Realizing comfort and convenience with IT

We provide IT solutions that underpin a more affluent life and society for use by companies and in social infrastructure. Using cutting edge digital technology from AI to IoT, we help our customers realize DX (digital transformation) to transform customers’ work processes and create new value and business models, in addition to solving various social issues.

Main products
- Automated radar terminal systems
- Flight information systems
- Large-scale network systems
- Large-scale security systems