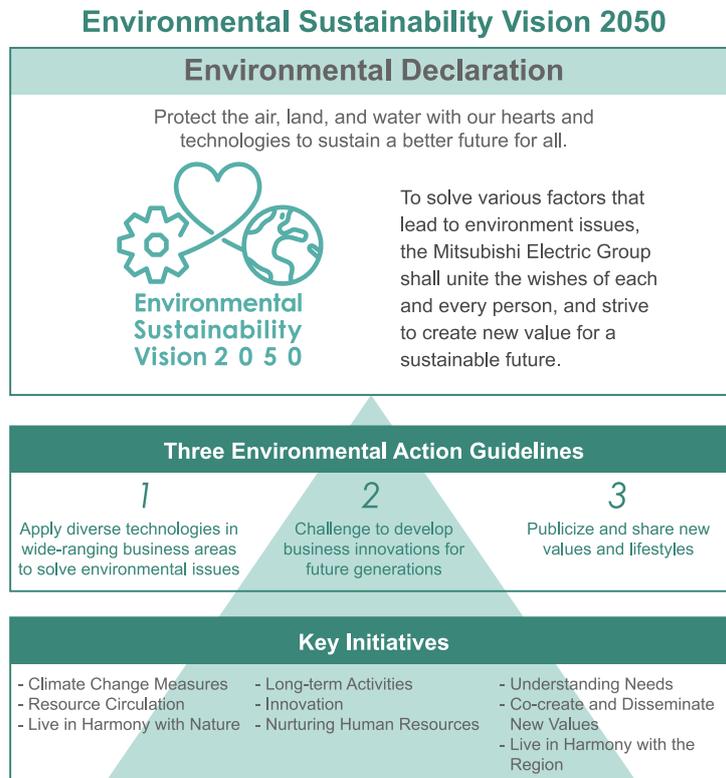


Environmental Sustainability Vision 2050

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.



Financial Information Based on Recommendations of the 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.

Governance

Sustainability Promotion Framework and Roles of the Board of Directors and Management

The policies and planning for the sustainability activities of the Mitsubishi Electric Group are decided by a Sustainability Committee appointed by the Mitsubishi Electric's executive officers. The Committee is composed of the heads of Mitsubishi Electric's corporate divisions (26 members in charge of environmental, social and governance aspects from divisions such as Corporate Strategic Planning and Corporate Human Resources), and discusses the results of activities performed during the previous fiscal year, decisions on future activity plans, and responses to law amendments, from a perspective that spans the entire Mitsubishi Electric Group. The Sustainability Committee generally holds meetings at least three times a year and the details on the discussion of Sustainability Committee meetings are reported to the senior executives during the Executive Officers' meetings. From fiscal 2022, the details on the discussion of Sustainability Committee meetings are also reported to the Board of Directors, and are supervised on the basis of many different viewpoints.

Strategy

Climate Change Risks and Opportunities in the Short, Mid-to-Long Term

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

Impact on Business and Strategy

In fiscal 2022, we examined our response to climate-related risks and opportunities toward achieving carbon neutrality and clarified our policy initiatives. In fiscal 2023, we will further analyze and examine what impact the climate-related risks and opportunities have on our financial planning.

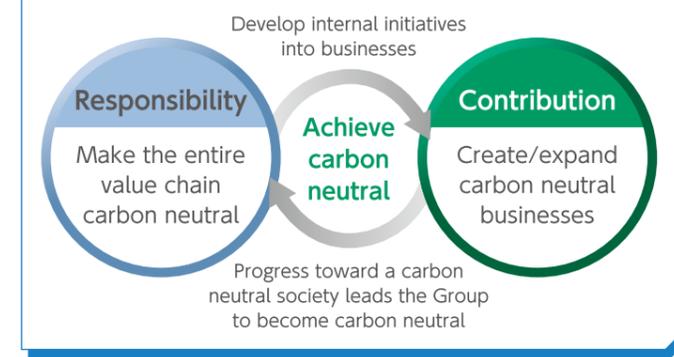
* Please check out the Sustainability Report 2022 for more details. ▶▶▶

Policy Initiatives

- **Adopted dual approaches to carbon-neutral: Responsibility and Contribution.**
- **Responsibility: Make the entire value chain carbon neutral**
- **Contribution: Create/expand carbon neutral businesses**

We will work to achieve carbon neutrality through a mutual enhancement of expanding our in-house initiatives to business and returning the positive impact on the Mitsubishi Electric Group back to business again by way of progress made on initiatives in society as a whole.

Adopted dual approaches to carbon neutral: Responsibility and Contribution.



Responsibility: Carbon neutral initiatives in the entire value chain

Initiatives to reduce greenhouse gas at factories and offices.

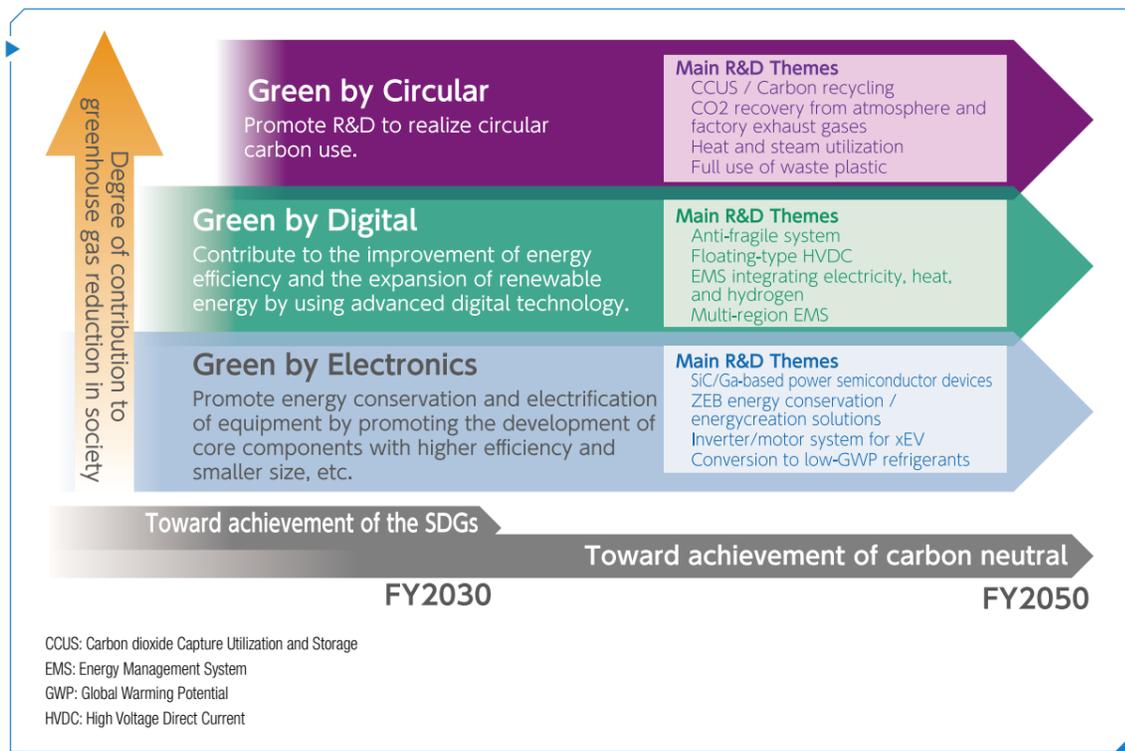
- Continuously invest 0.15% of revenue in carbon neutral efforts.
- Use renewable energy to 85 sites in Japan in FY2023
- Promote expansion of internal renewable energy procurement using multi-region EMS(*).

* Multi-region EMS: Energy management system that automatically optimizes power interchange of renewable energy between multi sites, operation of distributed power sources and storage batteries, and purchase plan of renewable energy certificates.

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.

- Green by Electronics: Promote energy conservation and electrification of equipment by promoting the development of core components with higher efficiency and smaller size, etc.
- Green by Digital: Contribute to the improvement of energy efficiency and the expansion of renewable energy by using advanced digital technology.
- Green by Circular: Promote R&D to realize circular carbon use.



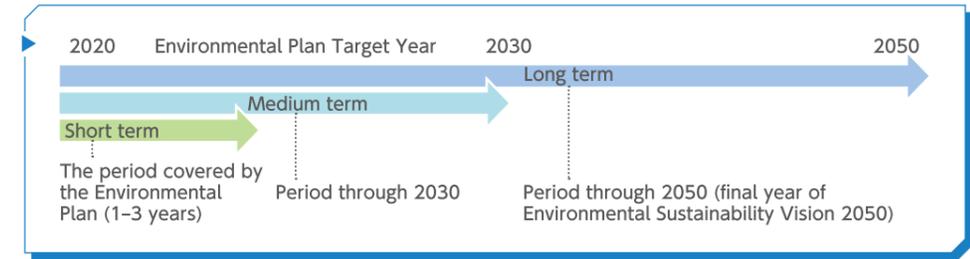
Scenario-based Analysis and Resilience

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 covered by the Environmental Plan (1 – 3 years)

*1 IPCC: Intergovernmental Panel on Climate Change *2 Applied the IEA 450 scenario, etc. *3 Applied the IPCC RCP 8.5 scenario, etc.



Climate-related Risks and Initiatives by the Mitsubishi Electric Group

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 technological development will be relatively high (compared to physical risks).

If the 4°C scenario progresses, there is expected to be a significant increase in the frequency and severity of heavy rains and floods and a chronic rise in temperature. Physical risks such as the suspension of operations and disruption to supply chains due to disaster will be relatively high (compared to transition risks).

In response to these risks, the Mitsubishi Electric Group identifies climate-related risks and opportunities, and implements initiatives.

For example, even if laws and regulations strengthen the curtailment of greenhouse gases under the 2°C scenario, the Group can mitigate the impacts of such a regulatory move, as it is already working to reduce its emissions through its Environmental Plan and participating in science-based targets. Similarly, the impact of rising raw material costs can be mitigated by further promoting environmentally conscious design, something which is already being implemented with respect to tackling global warming, resources conservation, and improved recyclability. We are also making capital investments related to environmental activities, including energy saving and other measures to combat global warming. Additionally, we are investing in the research and development of new technologies in a well-balanced manner from the short, medium, and long-term perspectives.

In response to physical risks, such as flooding, that will materialize under the 4°C scenario, we have formulated a business continuity plan and review it once

a year while moving ahead with the decentralization of production sites. We are also taking steps to prevent production problems in the supply chain, such as by purchasing from multiple companies and having our suppliers operate multiple production plants.

Climate-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.

Resilience of Climate-related Strategies

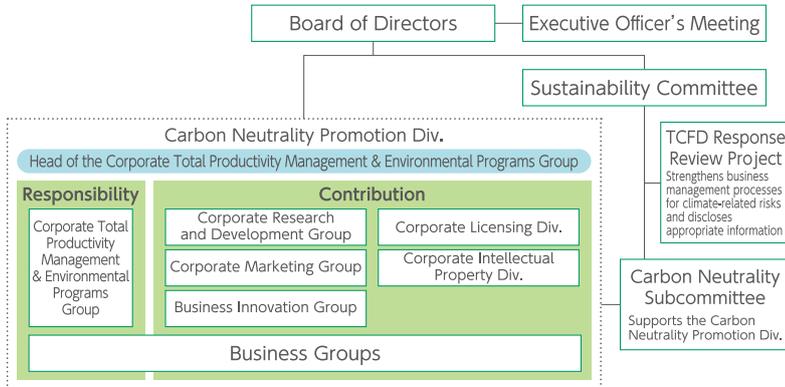
As a result of this assessment of climate-related risks and opportunities and our initiatives toward them, the Mitsubishi Electric Group can be said to have resilience against such risks under both the 2°C and the 4°C scenarios and the opportunity for sustainable growth through the solving of social challenges arising from climate change.

E : Environment

Risk Management

Strengthening the Climate-related Risk Management Framework

A permanent carbon neutrality promotion system from fiscal 2023



The Head of the Corporate Total Productivity Management & Environmental Programs Group supervises the areas of “responsibility” and “contribution,” promoting carbon neutrality as a whole. The Sustainability Committee has also established a Carbon Neutrality Subcommittee to review progress and discuss responses to issues on hand.

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.

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 FY2017 levels
- Scope 3¹: Reduce greenhouse gas emissions by 15% by 2030 compared to FY2019 levels

¹ Scope 3 emissions cover Category 11 (Use of sold products)

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

In order to achieve the long-term target above, in FY2023, the Mitsubishi Electric Group has set a target of reducing greenhouse gas emissions (Scope 1 and 2) from its plants and offices by at least 50% by 2030 compared to FY2014 levels.

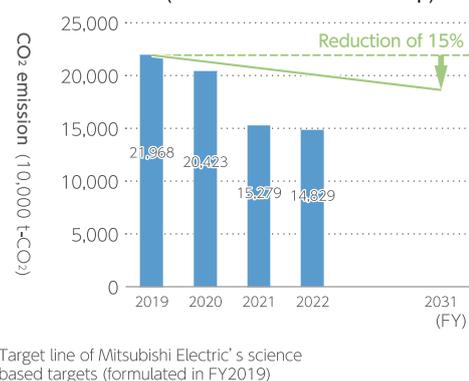
Short-Term Targets

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.”

Scope 1 and 2 emissions² (Mitsubishi Electric Group)



Scope 3 emissions (Mitsubishi Electric Group)



² Scope 2 is located 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.