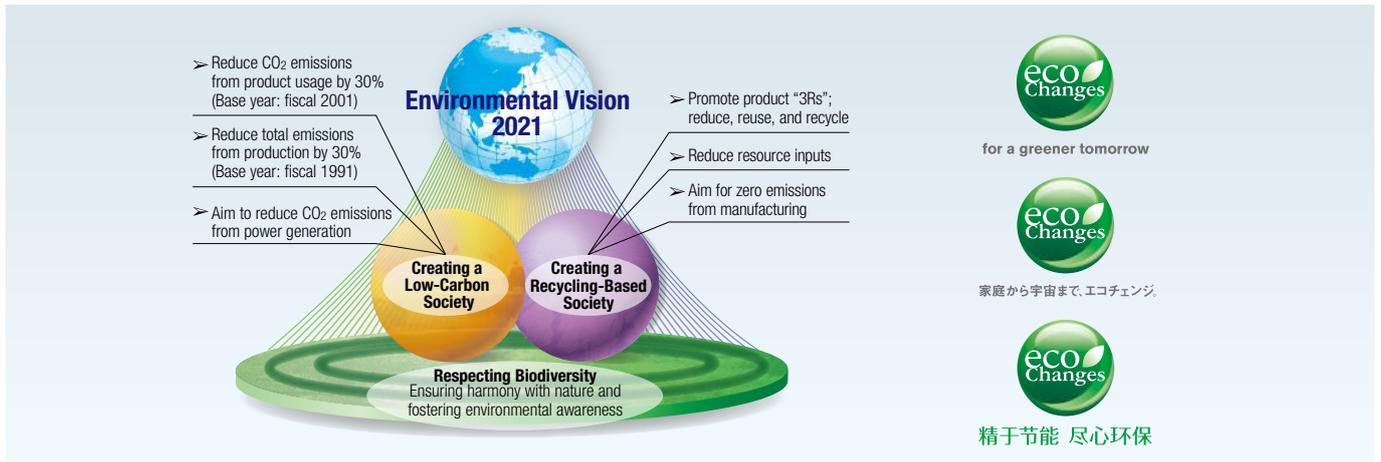


E: Environment

Environmental Vision 2021

Mitsubishi Electric Group is promoting environmental activities aimed toward achieving the Environmental Vision 2021, which is our long-term environmental management vision established in 2007. The Vision sets 2021 as its target year, coinciding with the 100th anniversary of Mitsubishi Electric's founding. In order to make positive contributions to the earth and its people through technology and action, we are working toward the realization of a sustainable society through our business activities utilizing wide-ranging and sophisticated technologies, as well as the promotion of proactive and ongoing actions by our employees.



Environmental Initiatives and the SDGs

Shaping the World of 2030

SDGs Closely Related to Mitsubishi Electric Group Environmental Activities

6 CLEAN WATER AND SANITATION, 7 AFFORDABLE AND CLEAN ENERGY, 11 SUSTAINABLE CITIES AND COMMUNITIES, 12 RESPONSIBLE CONSUMPTION AND PRODUCTION, 13 CLIMATE ACTION, 14 LIFE BELOW WATER, 15 LIFE ON LAND

Example 1 Offering Technologies that Contribute to the Conservation of the Aquatic Environment



We have provided ozone generators, which use ozone instead of chlorine to purify water, for nearly 50 years. The ozone generators can be used at water purification and sewage treatment plants, pharmaceutical and chemical plants, and aquariums, contributing to the conservation of our aquatic environment.

Example 2 Increasing Product Energy Efficiency



Mitsubishi Electric Group products consume electricity when used. As increased product energy efficiency results in less CO₂ generated during use, our goal is to develop energy-efficient products.

Cultivating Innovation for the Future

Great expectations are being placed on corporate innovation to achieve the SDGs and Paris Agreement goals. Mitsubishi Electric set up the Center for Future Innovation in July 2015 to promote open innovation, with future-oriented research and development instead of focusing on prolonging the use of existing technologies. Accelerating the cultivation of innovation in this way, alongside making full use of the strengths of our products and services, will allow us to contribute to the environment across a wide range of fields.

9th Environmental Plan

Every three years since 1993, Mitsubishi Electric Group has formulated an environmental plan with specific targets, and has continued to make efforts to improve our environmental management vision on a global scale. In April 2018, in order to achieve the Environmental Vision 2021, we established the 9th Environmental Plan (fiscal 2018–2020) that considers the medium to long-term vision based on the Paris Agreement, as well as future water shortage measures. Furthermore, through this plan, we aim to contribute to achieving seven of the 17 Sustainable Development Goals (SDGs) established by the United Nations that are deeply related to the environment, including "7. Affordable and clean energy" and "13. Climate action."

Major initiatives of the Mitsubishi Electric Group's 9th Environmental Plan

1. Realizing a Low-carbon Society

- (1) Reduce CO₂ emissions from production and emissions of non-CO₂ greenhouse gases (gases such as SF₆, PFCs and HFCs), and suppress total annual emissions (CO₂ equivalent) from 2.66 million tons in the base year*¹ to less than 1.47 million tons in fiscal 2021.
- (2) Improve the energy-saving performance of products and reduce CO₂ emissions from product usage by 35% on average compared to fiscal 2001.

*¹ CO₂ emissions from production: Mitsubishi Electric, FY1991; affiliates in Japan, FY2001; overseas affiliates, FY2006. Non-CO₂ greenhouse gases: Mitsubishi Electric and affiliates in Japan, FY2001; overseas affiliates, FY2006.

2. Creating a Recycling-based Society

- (1) Reduce final disposal rate (Japan: below 0.1%; overseas: below 0.5%)
- (2) Make products compact and lightweight, and reduce resource inputs by an average of 40% from fiscal 2001.
- (3) Reduce water usage per unit of sales by 1% per annum compared to the base year (FY2011).

3. Creating a Society in Tune with Nature

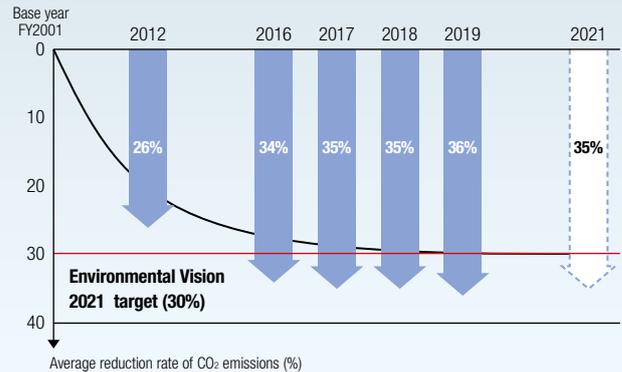
- (1) Based on our guidelines set in line with the Aichi Targets*², we will conduct living creature studies, preserve local species, control non-native species, and maintain green spaces in consideration of the surrounding ecosystem as part of our biodiversity protection activities at all manufacturing bases in Japan.
- (2) We will continue to hold Mitsubishi Electric Outdoor Classrooms and the Satoyama Woodland Preservation Project in Japan, with the aim of exceeding

12,000 participants (cumulative total: 51,000 participants).

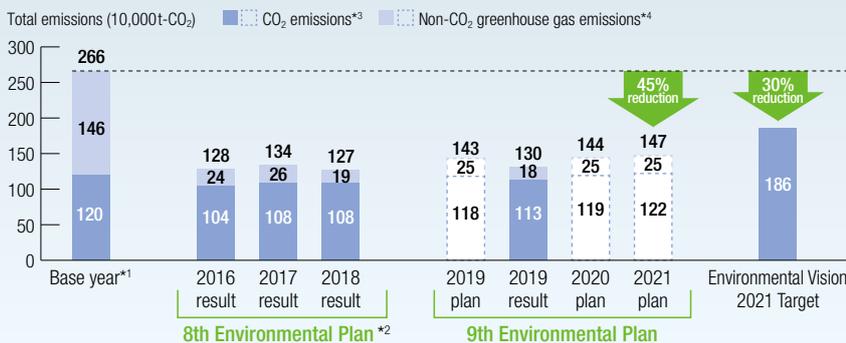
*² Global targets adopted at the 10th Meeting of the Conference of the Parties to the Convention of Biological Diversity (COP 10), which was held in Nagoya City, Aichi Prefecture in October 2010. They form the core of the Strategic Plan for Biodiversity 2011-2020.

Initiatives for creating a low-carbon society

—Reducing CO₂ emissions from product usage by improving the energy-saving performance of products—



Initiatives for creating a low-carbon society —Reducing CO₂ emissions from production—



*¹ Base year for CO₂: Mitsubishi Electric, FY1991; affiliates in Japan, FY2001; overseas affiliates, FY2006. Base year for non-CO₂ greenhouse gases: Mitsubishi Electric and affiliates in Japan, FY2001; overseas affiliates, FY2006.

*² The emission coefficient for Japan has been calculated based on the figure published by the Federation of Electric Power Companies of Japan at the time of formulation of the 8th Environmental Plan (2013, two nuclear plants in operation).

*³ The overseas emission coefficient has been calculated in reference to the figure published by JEMA (2006).

*⁴ The Global Warming Potential (GWP) of non-CO₂ greenhouse gases has been calculated in reference to the figure published in IPCC's Second Assessment Report (1995).



For results of fiscal 2019, please refer to the following:

<https://www.MitsubishiElectric.com/en/sustainability/environment/report/index.html>

Challenging to Solve Environmental Issues by 2050 “Environmental Sustainability Vision 2050” Announced (June 2019)

The Mitsubishi Electric Group has placed contributing to preservation of the environment as an important issue for management, and its “Environmental Sustainability Vision 2050” stipulates that the Group will commit itself to taking the initiative to solve environmental problems.

Our aim in this environmental declaration is to resolve issues related to air, land, and water. We hope that all employees in the Group and those we work with outside of it will passionately take action and work towards creating a sustainable future.

Environmental Sustainability Vision 2050

Environmental Declaration

Protect the air, land, and water with our hearts and technologies to sustain a better future for all.



To solve various factors that lead to environment issues, the Mitsubishi Electric Group shall unite the wishes of each and every person, and strive to create new value for a sustainable future.

Three Environmental Action Guidelines

- 1 Apply diverse technologies in wide-ranging business areas to solve environmental issues
- 2 Challenge to develop business innovations for future generations
- 3 Publicize and share new values and lifestyles