

MITSUBISHI ELECTRIC CORPORATION
PUBLIC RELATIONS DIVISION
7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 100-8310 Japan

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Customer Inquiries

Media Inquiries

Corporate Environmental Sustainability Group
Mitsubishi Electric Corporation
www.MitsubishiElectric.com/en/contact/index.html
#environmental-inquiries

Public Relations Division
Mitsubishi Electric Corporation
prd.gnews@nk.MitsubishiElectric.co.jp

www.MitsubishiElectric.com/news/

Mitsubishi Electric Launches New Environmental Plan

Three-year targets expected to fulfill Environmental Vision 2021

TOKYO, April 24, 2018 – [Mitsubishi Electric Corporation](http://www.MitsubishiElectric.com) (TOKYO: 6503) announced today that it has launched its ninth three-year environmental plan, which accords with Environmental Vision 2021, a long-term environmental strategy ending in 2021, Mitsubishi Electric’s centenary anniversary. The plan is aligned with five targets out of the 17 Sustainable Development Goals (SDGs) of the United Nations, including affordable and clean energy (No. 7) and climate action (No. 13).

Mitsubishi Electric has been implementing three-year environmental plans since 1993, aiming to become a global, leading green company. The new plan focuses on achieving targets set out in the Environmental Vision 2021, including reductions of greenhouse gas emissions, resource inputs, etc., from a medium- to long-term perspective based on the Paris Agreement and in view of expected global water shortages in the future.

Greenhouse gas reduction

By the end of the fiscal year in March 2021, Mitsubishi Electric aims to reduce total annual greenhouse gas emissions, including gases such as carbon dioxide, sulfur hexafluoride, perfluorocarbon and hydrofluorocarbon, to 1.47 million tons on a carbon-dioxide-equivalent basis. This compares favorably with a benchmark of 2.64 million tons. The benchmark is based on fiscal 1991 carbon dioxide emissions on a nonconsolidated basis; fiscal 2001 carbon dioxide emissions by Japan-based affiliated companies and non-carbon dioxide emissions on both a nonconsolidated basis and by Japan-based affiliated companies; and fiscal 2006 carbon dioxide and non-carbon dioxide emissions by affiliated companies outside Japan. Along with developing a detailed road map for low-carbon societies, Mitsubishi Electric plans to set a science-based target (SBT) and have it validated by the science-based targets initiative (SBTi) team by fiscal 2020. Efforts to improve the energy efficiency of Mitsubishi Electric Group products are expected to reduce carbon dioxide emissions generated by the use of these products by an average 35 percent.

Recycling

To promote effective use of water, Mitsubishi Electric will continue to control the amount of water used and discharged, as well as reduce total water usage through water saving and recycling, at 80 operating sites in Japan and overseas. The company has set a target of reducing water intensity for total water usage at an annual rate of 1 percent compared with fiscal 2011. In addition, waste-sorting and recycling efforts are aimed at achieving final-waste disposal of less than 0.1 percent at Mitsubishi Electric and Japanese-affiliate sites, and less than 0.5 percent at affiliate-company sites outside Japan. Resource inputs are expected to fall to 40 percent of the fiscal 2001 level through lighter and more compact products.

Preservation of biodiversity

At all manufacturing sites in Japan, Mitsubishi Electric will contribute to the preservation of biodiversity. Ongoing activities include protecting endemic species, controlling non-native species and establishing greenery suited to surrounding ecosystems. All such activities will accord with the Aichi Biodiversity Targets and studies of local fauna to be completed by fiscal 2018. Activities to raise public awareness of nature in Japan, namely the Mitsubishi Electric Outdoor Classroom and the Satoyama Woodland Preservation Project, have the goal of attracting 51,000 cumulative participants, up from 39,000 as of March 2018.

Environmental management

Mitsubishi Electric will reduce the environmental risks of its factories and improve environmental management by enhancing monitoring of environmental laws and regulations, such as European chemical substances regulations, and by developing technologies aligned with regulatory changes at all factories outside Japan.

Ninth Environmental Plan Compared with Eighth Plan and Environmental Vision 2021

■Initiatives for low-carbon societies

Main activities	Evaluation index	Forecasts of eighth environmental plan	Targets of ninth environmental plan	Targets of Environmental Vision 2021
Reduce carbon dioxide emissions from production	Annual greenhouse gas emissions on a carbon-dioxide-equivalent basis	1.37 million tons	1.47 million tons (45% reduction compared with base year)	30% reduction compared with base year
Reduce carbon dioxide emissions from product usage	Average reduction rate compared with fiscal 2001	35%	35%	30%
Increase contribution to reducing carbon dioxide from product usage	Contribution to reducing carbon dioxide from product usage	74 million tons	70 million tons	N/A

■Initiatives for recycling-based societies

Main activities	Evaluation index	Forecasts of eighth environmental plan	Targets of ninth environmental plan	Targets of Environmental Vision 2021
Waste control	Final disposal ratio for waste	In Japan: Less than 0.1%	Less than 0.1%	Less than 0.1% (Announced as less than 1%)
		Overseas: Less than 0.6%	Less than 0.5%	Less than 0.1% (Announced as less than 1%)
Reduce resource inputs	Average reduction rate compared with fiscal 2001	40%	40%	30%
Effective use of water	Reduction of water intensity compared with fiscal 2011	N/A	1% annually	N/A

■Initiatives for stronger awareness of nature

Main activities	Evaluation index	Forecast of eighth environmental plan	Targets of ninth environmental plan	Targets of Environmental Vision 2021
Mitsubishi Electric Outdoor Classroom and Satoyama Woodland Preservation Project	Cumulative participants	39,000	51,000	N/A
Preserve biodiversity at business sites	Activities in line with the Aichi Biodiversity Targets	All manufacturing sites in Japan	All manufacturing sites in Japan	N/A

■Strengthening environmental management

Main activities	Evaluation index	Forecast of eighth environmental plan	Target of ninth environmental plan	Target of Environmental Vision 2021
Ensure compliance with environmental laws and regulations	N/A	Establish alternative technologies and take measures to satisfy RoHS regulations	Raise level of environmental management at overseas factories	N/A

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About Mitsubishi Electric Corporation

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,238.6 billion yen (US\$ 37.8 billion*) in the fiscal year ended March 31, 2017. For more information visit:

www.MitsubishiElectric.com

*At an exchange rate of 112 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2017