

## **Mitsubishi Electric Launches New Environmental Plan**

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Aims to meet once again all major three-year targets for green initiatives

Mitsubishi Electric Corporation (TOKYO: 6503) announced today that it has launched as of this month its eighth environmental plan, a three-year action plan aligned with a long-term environmental management vision pointing to 2021, Mitsubishi Electric's centenary.

According to preliminary figures, the company estimates that it has achieved all major targets under its just-completed three-year plan launched in 2012. This includes targets for improved energy efficiency of Mitsubishi Electric products, which achieved an average 34 percent reduction in carbon dioxide emissions compared to fiscal 2001 levels. Mitsubishi Electric has been implementing three-year environmental plans since 1993, aiming to become a global, leading green company.

In the new plan, efforts to reduce emissions of carbon dioxide and other greenhouse gases, previously handled separately, are now combined to achieve a more coordinated outcome. Mitsubishi Electric will now evaluate and control its global-warming impact on a comprehensive basis according to international standards for calculating greenhouse gas emissions.

### **Greenhouse gas reduction**

By the fiscal year ending March 2018 (fiscal 2018), the Group aims to reduce total annual greenhouse gas emissions, including gases such as carbon dioxide, sulfur hexafluoride, perfluorocarbon and hydrofluorocarbon, to 1.37 million tons on a carbon-dioxide-equivalent basis. This compares favorably with a benchmark of 2.64 million tons. The multi-year benchmark uses fiscal 1991 for carbon dioxide emissions on a non-consolidated basis; fiscal 2001 for carbon dioxide emissions from Japan-based affiliated companies, and non-carbon dioxide emissions on both a non-consolidated basis and from Japan-based affiliated companies; and fiscal 2006 for both carbon dioxide and non-carbon dioxide emissions from affiliated companies outside Japan.

Efforts to improve the energy efficiency of Mitsubishi Electric Group products are expected to reduce the carbon dioxide emissions generated by the use of these products by an average 35 percent. By improving the energy-saving performance of products and promoting switches from older products, Mitsubishi Electric will also expand its contributions in reducing emissions from product usage to 92 million tons.

### **Recycling**

In addition to increased sharing of case studies and technical information regarding material recycling throughout the Group, Mitsubishi Electric aims to halve final-waste disposal ratios at affiliated companies outside Japan. Individual factories that are in most need of improvement will be provided with advanced knowhow for waste sorting and plastic recycling. The target ratios for final-waste disposal are less than 0.1 percent at the sites of Mitsubishi Electric and Japanese affiliates, and less than 0.5 percent at the sites of affiliate companies outside Japan. Also, resource inputs will be reduced to 40 percent of the fiscal 2001 level through lighter and more compact products.

### **Environmental awareness**

Mitsubishi Electric will expand its e-learning programs for environmental management to some 140 affiliates worldwide, aiming to foster greater environmental awareness among employees. In Japan, nature-oriented public-awareness activities have the goal of attracting an accumulated total of 30,000 participants, up 10,000 from the previous three years.

## **Environmental management**

Mitsubishi Electric will evaluate the environmental risks of its global factories using an original index covering air pollution, water pollution, chemical substances, greenhouse gas emissions and waste disposal. Factories outside Japan that score lowly will be provided with assistance to help reduce their environmental risks, ultimately to prevent environmental accidents.

## **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 4,054.3 billion yen (US\$ 39.3 billion\*) in the fiscal year ended March 31, 2014. For more information visit: <http://www.MitsubishiElectric.com> \*At an exchange rate of 103 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2014