

Mitsubishi Electric Launches New Environmental Plan

Ratingen, Germany 2nd June 2015

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

Mitsubishi Electric Corporation announced 23rd of April 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.

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Caption:

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About Mitsubishi Electric

With over 90 years of experience in providing reliable, high-quality products to both corporate clients and general consumers all over the world, Mitsubishi Electric Corporation 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, as well as in products for the energy sector, water and waste water, transportation and building equipment.

With around 124.000 employees the company recorded consolidated group sales of 39,3 billion US Dollar* in the fiscal year ended March 31, 2014.

Our sales offices, research & development centres and manufacturing plants are located in over 30 countries.

Mitsubishi Electric Europe B.V., Factory Automation European Business Group (FA-EBG) has its European headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V., a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan.

The role of FA-EBG is to manage sales, service and support across its network of local branches and distributors throughout the EMEA region.

**Exchange rate 103 Yen = 1 US Dollar, Stand 31.3.2014 (Source: Tokyo Foreign Exchange Market)*

Further Information:

Website: eu3a.mitsubishielectric.com/fa

YouTube: <http://www.youtube.com/user/MitsubishiFAEU>

Twitter: <https://twitter.com/MitsubishiFAEU>

Press contact:

Mitsubishi Electric Europe B.V.

Factory Automation European Business
Group

Monika Torkel

Marketing Communications Coordinator
Gothaer Str. 8

40880 Ratingen, Germany

Tel.: +49 (0)2102 486-2150

Fax: +49 (0)2102 486-7170

Monika.Torkel@meg.mee.com

PR agency:

DMA Europa Ltd.

Mr. Roland Renshaw

Europa Building, Arthur Drive, Hoo Farm
Industrial Estate, Kidderminster,
Worcestershire, UK

Tel.: +44 (0)1562 751436

Fax: +44 (0)1562 748315

roland@dmaeuropa.com

www.dmaeuropa.com