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Mitsubishi Electric aspires to decrease carbon emissions by 30 percent till its centenary in 2021

ECO-FRIENDLY TECHNOLOGIES FOR A SUSTAINABLE WORLD

As a global leading green company, Mitsubishi Electric uses its high technology to enhance the quality of life in all communities in the world and create a sustainable world for future generations. While Mitsubishi Electric works for reducing carbon dioxide emissions arising from use and manufacture of products by 30 percent till its centenary in 2021, the latest Environmental Report reveals that the company has achieved this target to a great extent. Investing as much as US\$ 45 million in environmental initiatives, Mitsubishi Electric Corporation's affiliate in Turkey is recognized as a prominent solution partner for eco-friendly buildings, plants and infrastructure projects thanks to the high-tech and energy efficient solutions on HVAC, factory automation, elevator and escalator businesses.

The importance of energy efficiency and environmental regulations gradually increases as the energy sources become scarcer and the impact of global climate change gains visibility throughout the world. In that respect, Mitsubishi Electric, one of the global leading green companies, makes endeavours to improve the quality of life in global communities and create a brighter future for the world by launching various technological innovations for lodgings, offices, factories, infrastructures, and even the aerospace.

Şevket Saraçoğlu, **Mitsubishi Electric Turkey President**, points out that Mitsubishi Electric acts with the awareness that climate change is the most important obstacle towards a sustainable world, indicating that the company makes specific efforts to improve the ecological awareness of both employees and the community at large in line with its environmental statement, "Eco Changes".

Environmental Vision 2021



Mitsubishi Electric continues implement "Environmental Vision 2021", long-term а environmental management vision, as it gets closer to its centenary in 2021. "This vision guides us towards our goal to create a low-carbon and recycling-based society with due respect for biological diversity by adapting to the nature and increasing environmental awareness. We aim to reduce CO₂ emission arising from use of products by 30 percent in 2021 compared to the fiscal 2001 in addition to reducing CO₂ emission arising from manufacturing operations by 30 percent in 2021 compared to the fiscal 1991," says Şevket Saraçoğlu.

Mitsubishi Electric Corporation's 2016 Environmental Report is a clear indication of the fact that fundamental objectives have been achieved and environmental management has been reinforced on a global scale according to Mr. Saraçoğlu who adds that the company invested around US\$ 45 billion in environmental initiatives during the reporting period.

High-tech solutions for buildings, industry and infrastructure projects

Mr. Saraçoğlu underlines that Mitsubishi Electric designs all products and solutions based on the principles of high technology, high quality and energy efficiency as he continues to indicate that the company "is a well-established solution partner for HVAC, automation, elevator and escalator systems of eco-friendly buildings, plants and infrastructure projects in Turkey as in the rest of the world."



"We highly contribute to the energy efficiency performance of enterprises and projects by means of eco-friendly, easy-to-use and long lasting automation solutions in Turkey. Our solutions guarantee high efficiency in speed control and lighting control system applications. Our digital factory platform e-F@ctory,

developed by Mitsubishi Electric in response to Industry 4.0, enables factories to optimize their manufacturing lines for faster, more efficient and eco-friendly operations. We aim to provide seamless performance in room, office and industrial air-conditioning systems so as to ensure maximum energy efficiency based on an eco-friendly approach till the expiration of the system life. We contribute to reducing carbon emissions and overheads with our patented, world first technology of hybrid systems in HVAC business. Another elevator technology developed and solely used by Mitsubishi Electric creates high energy efficiency and reduces CO₂ emissions by adjusting the elevator speed according to the population density inside the elevator car."

About Mitsubishi Electric Corporation

With over 90 years of experience in providing reliable, high-quality products, 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, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavours to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,238.6 milyar 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.

About Mitsubishi Electric Turkey Operations

Mitsubishi Electric concentrates on sales and after-sales services for HVAC systems, factory automation systems, CNC-Mechatronics systems and advanced robot technologies in Turkey. In addition, the company provides support for satellite, elevator, visual data systems, power sources and transportation-based infrastructure projects. Mitsubishi Electric, the acknowledged manufacturer of Turksat 4A and 4B satellites contributing to communication and broadcasting infrastructure of Turkey and neighbouring countries, is also recognized for the automation technology used for Marmaray project. Having incorporated a company for development and manufacturing of room air-conditioners in Turkey in April 2016, Mitsubishi Electric intends to start manufacturing operations in Manisa plant by January 2018. For more information visit: tr.mitsubishielectric.com