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13 August 2018

## **Mitsubishi Electric Released 2018 Environment Report**

***While CO<sub>2</sub> emission caused by energy usage was reduced by 24 thousand tonnes by increased efficiency, CO<sub>2</sub> emission rate caused by products was reduced by 35%***

***A leading green company on a global scale, Mitsubishi Electric aims to help create a society based on low carbon and recycling, operate in harmony with nature and to strengthen the environment management framework of the group. At this point, 2018 Environment Report of the brand shows they took serious steps towards reaching said goals. According to the report where it is stated that yearly greenhouse gas emissions was reduced to 1,27 million tons, even lower than the targeted 1,37 million ton goal; emissions excluding CO<sub>2</sub> was reduced to 190 thousand ton, below the target of 220 thousand tons. By renewing facilities and adopting the technology of Internet of Things (IoT) and thus increasing efficiency in production, CO<sub>2</sub> emission caused by energy usage was reduced by 24 thousand tons. By reducing CO<sub>2</sub> emissions caused by 102 Mitsubishi Electric eco-products by 35%, target goal was reached. Standing out with its eco-friendly, technological products in every phase of product cycle, from manufacturing to recycling, Mitsubishi Electric is a leading solution partner in Turkey for air conditioning, automation, elevator, escalator and visual data systems of eco-friendly buildings, factories and infra-structure projects.***

Using its technology worldwide to increase societies' quality of life and to provide a sustainable world for future generations, Mitsubishi Electric shapes all of its activities in accordance with its goal to become a "global and leading eco-friendly" company. Striving to increase eco-conscience of both its employees and societies within the context of "Eco Changes" principles which expresses the attitude towards environmental management, Mitsubishi Electric has set important targets for its 100. anniversary in 2021. The President of

Mitsubishi Electric Turkey Şevket Saraçoğlu, who stated that the brand aims to help create a society based on low carbon and recycling, to operate in harmony with nature and to strengthen the environment management framework of the group continued his words as such;



"As Mitsubishi Electric, in parallel with our 2021 goals, we are planning to reduce CO<sub>2</sub> emission caused by product use by 30% compared to 2001 fiscal year values and to reduce CO<sub>2</sub> emission caused by manufacturing by 30% compared to 1991 fiscal year. At this point, our 2018 Environment Report shows that we are on the right track."

### **Carbon emission caused by products and manufacturing has been lowered**

Şevket Saraçoğlu shared the information about the results Environment Report where studies carried forward in order to reach the goals stated in Mitsubishi Electric's 2018 Japanese fiscal year (1 April 2017 - 31 March 2018) environment plan and to apply the policies are included; "Within the reported year, as a result of a series of operations such as renewing Mitsubishi Electric production facilities and improving operational processes, total yearly greenhouse gas emission values were reduced down to 1,27 million ton, below the target value of 1,37 million ton. As a result of using coolers and gas collection methods with low global warming potential in companies outside Japan, non-CO<sub>2</sub> emissions were reduced down to 190 thousand tons in a CO<sub>2</sub> equivalent basis, even below the target value stated as 220 thousand tons. By renewing facilities and adopting the technology of Internet of Things (IoT) and thus increasing efficiency in production, CO<sub>2</sub> caused by energy usage was reduced by 24 thousand tons. By reducing CO<sub>2</sub> emissions caused by 102 Mitsubishi Electric eco-products, mainly being information technologies products and electronic devices, by 35%, target goal was reached.

### **Resource intake is reduced**

Stating that Mitsubishi Electric carried forward studies in order to miniaturize specific products and to reduce their weight to reduce resource intake, Saraçoğlu also stated that resource intake in the reporting period was reduced to 40% the amount of the level in the fiscal year that ended in March 2001. Saraçoğlu emphasized that resource intake in 64 products with laser processing machines, LED lamps and optical network communication devices were reduces as well.

### **Projects carried forward in order to protect biodiversity**

Stating that projects aimed towards protecting biodiversity such as "Living Beings Projects" were carried forward in 24 work sites in Japan in order to protect nature including rare and endemic species, Saraçoğlu said that 15 thousand individuals attended to "Mitsubishi Electric Outdoor Classes" or "Satoyama Forest Preservation Project" as a result of adding new fields and great interest from students, where they were initially expecting an attendance level of 10 thousand.

### **Environmental management**

Saying that 91 factories around the world are evaluated with the help of an original index which includes topics such as environmental risks, air pollution, water pollution, chemicals, greenhouse gas emissions and waste disposal, he stated; "As a result of the initiatives aimed to minimize such risks in specific regions, Mitsubishi Electric's domestic affiliates and foreign affiliates received scores of 99, 93, and 96 out of 100 in order".

### **Eco-friendly technologies for buildings, industries and infrastructure projects**

Remarking that Mitsubishi Electric develops all its products and solutions with advanced technology and within the frame of quality and energy saving, Saraçoğlu stated, "As for every other country, we are an ambitious solution partner for air conditioning, automation, elevator, escalator and visual data systems for eco-friendly buildings, factories and infra-structure projects for Turkey as well".



Saraçoğlu ended his words saying; "We provide businesses considerable energy saving with our eco-friendly, user friendly and long lasting automation solutions. With e-F@ctory, Mitsubishi Electric's response to Industry 4.0, we provide factories with much faster, efficient and eco-friendly manufacturing possibilities. In the area of house, office and industrial air conditioning systems we aim to provide problem-free performance with maximum energy saving capacity throughout its life cycle. We also provide high energy saving and reduce carbon emission thanks to the

technology invented by Mitsubishi Electric, which is only available in the elevators of our brand, deciding on the speed of the elevator according to current load"

### **About Mitsubishi Electric Corporation**

*With over 95 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 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](http://www.MitsubishiElectric.com)

\* It was calculated by 1 USD = 112 Yen exchange rate announced by the Tokyo Foreign Exchange Market on March 31, 2017.

#### **About Mitsubishi Electric's Activities in Turkey**

Mitsubishi Electric's main fields of activity in Turkey are; air conditioning systems, factory automation systems, advanced robotics, CNC mechatronic systems, elevator and escalator systems and visual data systems. Mitsubishi Electric, which established a room air conditioner development and manufacturing company in April 2016 in Turkey, began production in Manisa factory in December 2017. Mitsubishi Electric, the producer of Turksat 4A and 4B satellites, which contributes to the communication and publishing infrastructure of Turkey and neighboring countries, is notable for its satellites as well as the automation technology used in the Marmaray project. For more information; [tr.mitsubishielectric.com](http://tr.mitsubishielectric.com)

#### **Mitsubishi Electric Turkey Social Media Accounts**

**Facebook** <https://www.facebook.com/MitsubishiElectricTurkeyA.S/>  
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