



Environmental Management

We are promoting environmental management in order to pass on the earth's blessings to the next generation.

Message from Director in Charge of Environmental Promotion

Yaskawa promotes initiatives that are linked closely to its management as it aims to environmental load reduction globally and improve its corporate value.

Based on its eco vision, the Yaskawa Group promotes initiatives from two perspectives— green processes and green products—as it aims to realize a sustainable society.

Green processes include its initiatives for environmental load reduction in its manufacturing and sales activities based on efforts to save energy and resources and its bid to control harmful substances. Yaskawa sets targets for its various policies based on international frameworks to prevent global warming and the conservation of biodiversity, and promotes measures including enlightenment activities among employees, investments in highly efficient facilities and the promotion of recycling activities.

As for green products, it contributes in the control of CO₂ emissions on a global scale by supporting energy saving by its customers through its offer of highly efficient products which use applications of power conversion, which is a core technology of the company. As one example, AC drives, one of Yaskawa's key products, save energy by enabling optimum control over the rotation of the motors. The company's environmental promotion department leads measures to reduce the impact on the environment compared to conventional models in the development of new products in each of its business divisions and establishes items that have met its unique standards as green prod-

ucts. We do not only offer the basic performance of the highest standards in industry for all of our products, which includes robots and AC servos, but also added value for superb environmental functions. It may be said that the more vigorously its products are used in the world, the more impact is made on reduction of environmental loads.

In these ways, Yaskawa's initiatives for the environment are consistent with its management principle to "leverage the pursuit of our business to contribute to the advancement of society and the well-being of humankind" and characterized by their close link to the management of the company. We will continue to embrace our communication with our stakeholders and to tie in our environmental initiatives to corporate value.

* See P. 48 "Green Product Initiatives" for details



Yoshikatsu Minami
Director
Corporate Senior Vice President

● YASKAWA ECO VISION



● FY2025 Targets

Green products

- Reduction of environmental loads through products CO₂ emission control by 69 million tons*¹
- Installation of the in-house environmental products and displaying them
- Improvement in recyclability of product components
- Application of green procurement to all products

Green processes

- Reduction of GHG emission by 10%*² Reduction by 15% by 2030
- Reduction of waste by 1% every year*³
- Appropriate management of use and waste of water
- Thorough management of harmful substances in production

* 1: Cumulative total after FY2016 * 2: Comparison to FY2015
* 3: Per unit of sales

Contributions to the Environment by the Yaskawa Group

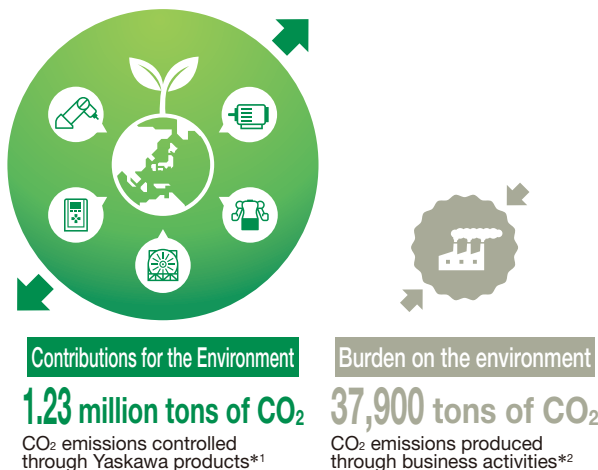
The Yaskawa Group contributes in creating a sustainable society through its overall business activities.

In FY2016, the use of Yaskawa products in various parts of the world led to a reduction of 1.23 million tons of CO₂ emissions.

As a result of the construction of a new plant and the impact of the intense heat waves during the summer, CO₂ emissions produced through its business activities stood at 37,900 tons, an increase of 1,500 tons over the previous year.

*1: Estimate of reductions in CO₂ emissions for which Yaskawa products delivered in FY2016 have contributed when used for a period of a year

*2: Total amount of CO₂ emissions in FY2016 for Yaskawa Electric and its major consolidated companies in Japan and abroad (13 companies in Japan, seven companies abroad)



Green Product Initiatives

To enable dramatic improvements in energy-saving and productivity for its customers and to reduce the burden on the environment on a global scale, Yaskawa has in place a system to certify green products.

Yaskawa makes score evaluations of the contribution level of its products on the environment from three standpoints to prevent global warming, saving resources and recycling, and appropriate management of chemical substances, based on which it certifies items that meet the required standards as Green Products and those that demonstrate the highest level of environmental functionality as Super Green Products.



* Number of certifications up to FY2016



Yaskawa's concept is to offer green products that provide excellent energy conversion rates to customers worldwide in its bid to realize a sustainable society. Products which have been certified as a green product contain a logo for identification in brochures and Yaskawa websites.

Green Process Initiatives

Yaskawa is pushing forward initiatives for optimal facility operations linked with a visualized system for energy that is already in place at each of its facilities while introducing LED lighting, switches to the latest air conditioners, and other such steps to invest in energy conservation.

It is also passionate about providing training for its staff who are responsible for energy conservation, one example for which is the hosting of practical onsite seminars for cleaning air conditioning heat exchangers.



Air conditioning heat exchangers are cleaned



In-house seminar on energy conservation