

Kyocera Group Environmental Management Contribution Award

In 1996, the Kyocera Group introduced the Kyocera Global Environment Contribution Award for stimulating environmental conservation activities. Since 2009, this award was expanded to cover the whole Kyocera Group (Japan) and its name was changed to the Kyocera Group Environmental Management Contribution Award.

With this system, the Green Committee evaluates unique and groundbreaking environmental protection activities that have been conducted for one year and have contributed significantly to the global environment, for which the Chairman (President) gives awards; a total of 83 awards have been given out so far.



Categories for Selection

"Environmentally Friendly Products" Category

"Energy Conservation / Climate Change Prevention" Category

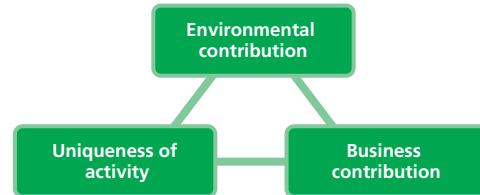
"Environmental Conservation" Category

"Resource Conservation" Category

"Environmental Communication" Category

Evaluation Point

Activities are quantitatively evaluated with respect to the following three aspects for which awards are selected.



15th Kyocera Group Environmental Management Contribution Award

Grand Award (1 case)

"Environmentally Friendly Products" Category TASKalfa 255 / TASKalfa 305

- Power consumption during sleep mode is lower compared to existing models in order to reduce power consumption in operation. An industry-leading 1-watt of power consumption during sleep mode was achieved.
- Product weight is reduced by lowering the product height compared to existing models.
- Packaging weight is reduced by pulp molding biodegradable cushioning materials.



Excellence Award (8 cases)

"Environmentally Friendly Products" Category Drum heating gas dust collector filter

A two-layer ceramic filter where the base and the duct collecting layer are integrated. It is capable of collecting dust at high temperature because of its high heat resistance, contributing to a reduction in production of dioxin.

"Environmentally Friendly Products" Category High Efficiency Facemill Cutter MFPN Type

A cutting tool that adopts a helical cutting edge structure which reduces cutting resistance and a double edge structure which reduces impact load at the time of cutting. It contributed to the reduction of power consumption for users by improving processing efficiency.

"Environmentally Friendly Products" Category KRH Series Thermal Printheads

The design of a flexible printed circuit board with smaller size was enabled by integrating signal terminal distribution to the IC driver mounted on a ceramic circuit board, contributing to resource savings.

"Energy Conservation / Climate Change Prevention" Category Energy saving by introducing the in-house compressor quantity control system

Contributed to a reduction in CO₂ emissions and a significant reduction in energy costs by optimizing the number of operating machines according to the changes in load by developing and introducing in-house compressor quantity control system at the Kagoshima Kokubu Plant.

"Energy Conservation / Climate Change Prevention" Category Energy saving in toner production equipment by replacing with high-efficiency blowers.

Reduced power consumption significantly by replacing with high-efficiency blowers and introducing inverters in the toner production process at the Tamaki Plant of Kyocera Mita Corp. Contributed to a reduction in introduction costs by performing the adjustment and test operations of each device in-house.

"Environmental Conservation" Category

Improvement by the Industrial Waste Reduction Project at the Shiga Yohkaichi Plant.

Contributed to a significant reduction in chemical substance usage and industrial waste in production processes and the waste water treatment process by launching a project where the product division and the environmental division worked together.

"Resource Conservation" Category

Reduction in resource input by recycling zirconia material.

While previously the zirconia collected using the cyclone dust separator in the raw material production process was discarded for the stabilization of products, it became recyclable by establishing a new recycling technology, contributing to a total reduction of waste.

"Environmental Communication" Category

Contribution to the realization of a low-carbon society through the use of the Solar Cycle Station Introduced the Solar Cycle Station, a recharging system for electric assisted bicycles, in response to the "Next Generation Energy Park Initiative" of Higashi-Ohmi City in Shiga Prefecture approved by the Ministry of Economy, Trade and Industry of Japan. Contributed to the realization of a low-carbon society in the area through discussion and provision of technological support beginning with the planning phase of the initiative.