

Kyocera established its “Kyocera Global Environment Contribution Award” in 1996 to encourage environmental preservation activities. This internal award commends original and creative ideas that make a great contribution to the global environment through our environmental preservation activities every year.

12th Annual Award Results

Grand Award “Global Environmentally Friendly Product Development” Category

Mobile phone unit for au W44K

The thinnest WIN terminal 15 mm body (as of April 2007) was realized. It is a slim design model combining “comfortable portability” and “full functions.” Its reduction in weight and volume resulted in reduction of CO₂ emissions and packing materials during manufacturing and use, thus greatly contributing to the prevention of global warming and resource conservation.



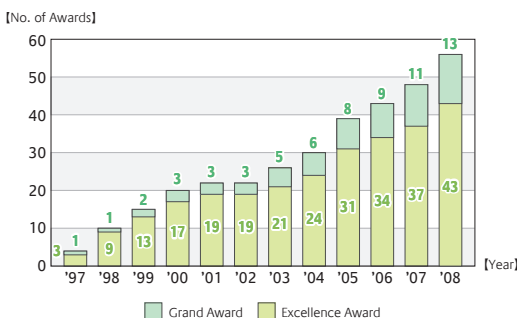
Grand Award “Waste Reduction” Category

Recycling of used cutting tools and chip cases

We established a collection and recycling system for used cutting tools and chip cases on the production floors of users and properly recycle them to produce raw powder, RPF (recycle plastic fuel), and slag for use as paving. This resulted in resource recycling for the entire life cycle of products and significant reduction of environmental impact.



Accumulated No. of Kyocera Global Environment Contribution Awards



Excellence Award “Global Environmentally Friendly Product Development” Category

Mobile phone unit for au W52K

Equipped with the world’s first 260K color QVGA organic EL main display. This is the world’s thinnest model (when marketed) featuring “One-segment” and “Mobile Wallet.” This resulted in reduction of CO₂ emissions during manufacturing and use and at the same time the reduction in the number of production hours allowed us to reduce resources used, thus greatly contributing to prevention of global warming and resource conservation.

Excellence Award “Global Environmentally Friendly Product Development” Category

Ultra Small Multilayer Ceramic Capacitor CM02X7S103K06

The adhesion was improved by changing the ceramic paste; the cutting yield was improved by introducing dice cutting, and the characteristic yield was improved by improving the characteristic screener. These improvements resulted in significant reduction of CO₂ emissions and resource loading during manufacturing and implementation of an ultra small size as compared with the previous models with the same characteristics.

Excellence Award “Resource Conservation” Category

Reduction of hydrogen and nitrogen gases and electricity consumption by improvement of calcination efficiency

We fundamentally reviewed the gas supply method and equipment structure: “Improvement of gas ejection method” and “Improvement of temperature distribution by adopting shielding board” through the sites’ own suggestions and significantly reduced gases and electricity consumption.

Excellence Award “Waste Reduction” Category

Building a soluble coolant circulation-type recycling system

Kyocera built a circulation-type recycling system by which liquid waste containing silicon-cutting powder produced in the solar cell manufacturing process is changed to a valuable material and reused as a raw material for coolant used in the process. This contributed to not only reduction of waste but also to resources recycling.

Excellence Award “Environmental Management Standard” Category

100% recycling of wastewater discharged from the process using lead

We established a 100% recycling system by which hazardous substances are removed from wastewater discharged from the processes using lead and we recycle the treated water for use in production, thus zeroing the lead discharged into rivers. We contributed to the reduction of water consumption along with the reduction of environmental impact.

Excellence Award “Chemical Substances Reduction” Category

Reduction of resist consumption through development and introduction of the new resist coater

Kyocera developed and introduced the new resist coater and changed from the conventional method. This made it possible to coat wafers only for the quantity needed, thus contributing to reduction of industrial waste discharge as well as resist liquid consumption.