

Kyocera promotes positive environmental protection activities with an itemized list of 31 topics on the Group's integrated environmental management system in order to carry out its environmental policy and clarify action plans and middle/long-term goals.

Activity Item		Reference	FY 2008 Goal	FY 2008 Result	FY 2016 Goal	Page in detail
Reduction of waste discharged	Industrial waste	Plant	FY 2005 discharged weight per net sales	18% reduction	36.5% reduction	50% reduction
		Office	FY 2005 discharged weight per net sales	18% reduction	17.5% reduction	30% reduction
	General waste	Plant	FY 2006 (1 <sup>st</sup> half) discharged weight per net sales	18% reduction	59.0% reduction	50% reduction
		Office	FY 2006 (1 <sup>st</sup> half) discharged weight per net sales	18% reduction	1.9% increase	30% reduction
Zero emissions	Waste	—	Zero emissions maintained	Zero emissions maintained	Zero emissions maintained	
Reduction of waste generated	Industrial waste and valuables	Plant	FY 2005 weight per net sales	10% reduction	25.1% reduction	30% reduction
		Office	FY 2006 (1 <sup>st</sup> half) weight per net sales	10% reduction	17.0% reduction	30% reduction
	General waste	FY 2006 (1 <sup>st</sup> half) weight per net sales	10% reduction	51.2% reduction	30% reduction	
Reduction of Class 1 designated chemical substances specified by PRTR Law (subject: 18 substances)	Amount used	FY 2005 net consumption per net sales	15% reduction	32.9% reduction	25% reduction	
	Release amount	FY 2005 net release amount per net sales	30% reduction	23.5% reduction	50% reduction	
	Transfer amount	FY 2005 transfer amount per net sales	20% reduction	13.5% reduction	30% reduction	
Reduction of volatile organic compounds (VOC)	Emission into air	FY 2006 (1 <sup>st</sup> half) emission (absolute value)	30% reduction	17.6% reduction	50% reduction	
Control by gross amount in wastewater	Mercury, Cadmium, Lead and Hexavalent Chromium discharged	FY 2005 discharge (absolute value)	100% reduction achieved	100% reduction achieved	Maintained	
Reduction of greenhouse gas emissions		FY 1991 emission (absolute value)	6% reduction	13.5% increase	10% reduction maintained (FY 2010 10% reduction)	
Reduction of energy consumption	Electricity	FY 2005 consumption per net sales	6% reduction	9.1% reduction	20% reduction	
	Fuels	FY 2005 consumption per net sales	6% reduction	32.8% reduction	20% reduction	
Reduction of vehicle fuel consumption (company cars and private cars used for business purposes)		FY 2005 consumption per net sales	7.5% reduction	12.9% reduction	30% reduction	
Reduction of water consumption (city water and groundwater)	Plant	FY 2005 consumption per net sales	15% reduction	9.8% reduction	20% reduction	
	Office	FY 2005 consumption per net sales	7.5% reduction	8.9% increase	10% reduction maintained	
Reduction of gas purchased (nitrogen, hydrogen, argon)		FY 2005 purchased amount per net sales	17.5% reduction	21.4% reduction	30% reduction	
Reduction of travel expenses (domestic and overseas travel expenses)		FY 2005 travel expense per net sales	6% reduction	2.8% increase	10% reduction	
Reduction of office paper purchased		FY 2005 purchased weight per net sales	9% reduction	7.8% reduction	20% reduction	
Reduction in the purchase of paper for production processes		FY 2005 purchased weight per net sales	9% reduction	23.5% reduction	20% reduction	
Reduction of paper discharged		FY 2005 weight per net sales	9% reduction	0.1% increase	20% reduction	
Reduction of packing materials purchased		FY 2005 purchased amount per net sales	9% reduction	14.4% reduction	30% reduction	
Reduction of PVC usage (inner packing materials) (completely ceased using PVC for external packing materials, bags and cushioning material)		FY 2005 purchased amount per net sales	30% reduction	72.8% reduction	Completely stopped using	
Expanded certification of global environmentally friendly products		Number of developed and manufactured items in each year	70% certified	100% certified	100% certified (FY2011)	
Completely stopped purchasing 6 substances specified by RoHS Directive		—	Completely stopped purchasing	Completely stopped purchasing	Completely stopped purchasing	
Sales expansion of global environmentally friendly products		FY 2005 certified product net sales	35% improvement	343% improvement	100% improvement	
Reestablished LCA system		—	Promoted LCA implementation	Promoted LCA implementation	Promoted LCA implementation	
Introduction of environmental efficiency factors		—	Introduction and application	Introduction under review	Application	

\* Covers sites certified under the Kyocera Group Integrated Environment & Safety Management System (refer to page 83).

\* Values per net sales show the environmental impact amount per million yen of sales.