

# Environmental Protection Promotion Plan and Results

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			5 <sup>th</sup> Environmental Protection Promotion Plan					Related Pages
			Reference	FY 2007 Goal	FY 2007 Result	FY 2008 Goal	FY 2016 Goal	
Reduction of waste discharged	Industrial waste	Plant	FY 2005 discharged weight per net sales	12% reduction	29.9% reduction	18% reduction	50% reduction	P65-68
		Office	FY 2005 discharged weight per net sales	12% reduction	2.9% reduction	18% reduction	30% reduction	
	General waste	Plant	FY 2006 (1 <sup>st</sup> half) discharged weight per net sales	12% reduction	46.2% reduction	18% reduction	50% reduction	
		Office	FY 2006 (1 <sup>st</sup> half) discharged weight per net sales	12% reduction	19.6% increase	18% reduction	30% reduction	
Zero emissions	Waste	—	Zero emissions maintained	Zero emissions maintained	Zero emissions maintained	Zero emissions maintained		
Reduction of waste generated	Industrial waste and valuables	Plant	FY 2005 weight per net sales	6% reduction	18.3% reduction	10% reduction	30% reduction	
		Office	FY 2006 (1 <sup>st</sup> half) weight per net sales	6% reduction	0.7% increase	10% reduction	30% reduction	
	General waste	FY 2006 (1 <sup>st</sup> half) weight per net sales	6% reduction	16.3% reduction	10% 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	12% reduction	31.5% reduction	15% reduction	25% reduction		
	Release amount	FY 2005 net release amount per net sales	27% reduction	24.7% reduction	30% reduction	50% reduction		
	Transfer amount	FY 2005 net transfer amount per net sales	13% reduction	11.7% reduction	20% reduction	30% reduction		
Reduction of volatile organic compounds (VOC)	Emission into air	FY 2006 (1 <sup>st</sup> half) emission (absolute value)	18% reduction	11.1% reduction	30% reduction	50% reduction		
Control by gross amount in wastewater	Mercury, Cadmium, Lead and Hexavalent Chromium discharged	FY 2005 discharge (absolute value)	50% reduction	70.2% reduction	100% reduction achieved (closed system)	Maintained		
Reduction of energy consumption	Electricity	FY 2005 consumption per net sales	4% reduction	7.9% reduction	6% reduction	20% reduction	P69-71	
	Fuels	FY 2005 consumption per net sales	4% reduction	19.3% reduction	6% reduction	20% reduction		
Reduction of greenhouse gas emissions		FY 1991 emission (absolute value)	3% reduction	16.4% increase	6% reduction	10% reduction maintained (FY 2010 10% reduction)		
Reduction of vehicle fuel consumption (company cars and private cars used for business purposes)		FY 2005 consumption per net sales	5% reduction	12.5% reduction	7.5% reduction	30% reduction	P72-73	
Reduction of water consumption (city water and groundwater)	Plant	FY 2005 consumption per net sales	10% reduction	6.9% reduction	15% reduction	20% reduction		
	Office	FY 2005 consumption per net sales	5% reduction	9.7% increase	7.5% reduction	10% reduction maintained (FY 2009 10% reduction)		
Reduction of gas purchased (nitrogen, hydrogen, argon)		FY 2005 purchased amount per net sales	15% reduction	22.1% reduction	17.5% reduction	30% reduction		
Reduction of travel expenses (domestic and overseas travel expenses)		FY 2005 travel charge per net sales	4% reduction	1.4% increase	6% reduction	10% reduction		
Reduction of office paper purchased		FY 2005 purchased weight per net sales	6% reduction	3.1% reduction	9% reduction	20% reduction		
Reduction in the purchase of paper for production processes		FY 2005 purchased weight per net sales	6% reduction	17.0% reduction	9% reduction	20% reduction		
Reduction of paper discharged		FY 2005 discharged weight per net sales	6% reduction	2.2% reduction	9% reduction	20% reduction		
Reduction of packing materials purchased		FY 2005 purchased amount per net sales	6% reduction	10.2% reduction	9% reduction	30% reduction		
Reduction of PVC usage (inner packing materials) (already completely ceased using PVC for external packing materials, bags and cushioning materials)		FY 2005 purchased amount per net sales	20% reduction	61.7% reduction	30% reduction	Completely stopped using		
Expanded certification of global environmentally friendly products		Number of developed and manufactured items in each year	60% certified	100% certification	70% certified	100% certification continued (FY 2011, 100% certification)	P59-64	
Completely stopped purchasing 6 substances specified by RoHS Directive		—	Completely stopped purchasing	Completely stopped purchasing	Completely stopped purchasing	Completely stopped purchasing		
Sales expansion of global environmentally friendly products		FY 2005 certified product net sales	20% improvement	131% improvement	35% improvement	100% improvement		
Reestablished LCA system		—	Promoted LCA implementation	Promoted LCA implementation	Promoted LCA implementation	Promoted LCA implementation		
Introduction of environmental efficiency factors		—	Model operation Introduction	Reviewed introduction	Introduction and application	Introduction and application		

\* Covers sites certified under Kyocera Group Integrated Environmental Management System (refer to page 81).

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