

6th Environment & Safety Promotion Plan

Kyocera launched 6th Environment & Safety Promotion Plan in April 2008. In the domains of green products and green factory, the plan specifies specific goals and campaigns for the next three years through March 2011. The plan includes research and development activities, initiatives to expand eco-friendly products, and environmental protection activities at factories. The plan also states the vision for Kyocera ten years into the future, summarizing the plan in 13 documents.

The plan covers Kyocera and its domestic group companies and extends to its overseas group companies as well, thus conducting environmental protection activities throughout the entire Kyocera group.

6th Environment & Safety Promotion Plan Goals

Name of Plan	Goal Content	Scope*1	Reference or Index	Goal						Long-term Goal (FY2018)	
				FY2009		FY2010		FY2011			
				First Half	Second Half	First Half	Second Half	First Half	Second Half		
Global Environmentally Friendly Products Promotion Plan	1. Development and sales expansion of environmentally friendly products										
	(a) Increase in the certification percentage of Kyocera's global environmentally friendly products	KYOCERA Corporation	Certification percentage of Kyocera's global environmentally friendly products	80%		90%		100%		100% maintenance	
	(b) Production expansion and sales increase of Kyocera's global environmentally friendly products										
	(1) Sales increase of certified products in Kyocera's finished products category	KYOCERA Corporation	Sales proceeds of Kyocera's global environmentally friendly products in FY2008	50% improvement		100% improvement		150% improvement		Total sales	
	(2) Production expansion of certified products in Kyocera's parts category	KYOCERA Corporation	Production of Kyocera's global environmentally friendly products in FY2009	Goal setting		Implementation				—	
	(3) Production expansion and sales increase of certified products at group companies	Global	Production or sales of Kyocera's global environmentally friendly products in FY2010	—		Goal setting		Implementation		—	
	(c) Expansion and development of environmentally-related business										
	(1) Output expansion of solar cells	KYOCERA Corporation	—	—		—		Annual output 500MW		—	
	(2) Market introduction of Solid-Oxide Fuel Cell (SOFC)	KYOCERA Corporation	—	Early market introduction						—	
	(3) Sales expansion of Ecosys Printers and multi-functional products	KYOCERA MITA Corp.	Sales of printers and multi-functional products in FY2008	Sales increase		Sales increase		Sales increase		—	
Global Environmentally Friendly Products Promotion Plan	2. Establishing and expanding the application of the Environmental Consciousness Evaluation System		Domestic	—	Start of application	Continuation of application				—	
			Overseas	—	Start of application	Continuation of application				—	
	3. Creation of new environmentally friendly products and services		Global	—	Goal setting		Implementation				—
	4. Promotion of green procurement		KYOCERA Corporation / Domestic	Green procurement percentage	85%		95%		100%		100% maintenance
Product Environmental Quality Promotion Plan	1. Application of the green supplier certification system		KYOCERA Corporation	—	Auditing, green supplier certification		100% certification	100% certification maintenance		—	
			Domestic	—	—	Start of application	Continuation of application			—	
			Overseas	—	—	Start of application	Continuation of application			—	
	2. Enhancement of the monitoring system for environmental product regulations and customer requirements										
	(a) Creation and application of the management system for chemical substances in products		KYOCERA Corporation	—	Building	Start of application	Continuation of application				—
			Domestic	—	—		Start of application	Continuation of application			—
			Overseas	—	—		Start of application	Continuation of application			—
	(b) Obtaining latest information on and observation of environmental product regulations		Global	—	Sharing information on environmental regulations and determining how to respond to environmental product regulations						—
3. Compliance with European chemical substance control "REACH"		Global	—	Creation, review and implementation of the response method						—	
4. Substitution and abolition of specified hazardous substances (lead, hexavalent chromium, etc.)		Global	—	Current situation survey	Review	Policy-making System establishment	Implementation			—	
Energy Conservation Promotion Plan	1. Reduction of electricity consumption		Global	FY2008 electricity consumption per net sales	3% reduction		6% reduction		9% reduction		30% reduction
	2. Reduction of fuel consumption		Global	FY2008 fuel consumption per net sales	3% reduction		6% reduction		9% reduction		30% reduction
Global Warming Prevention Promotion Plan	1. Reduction of greenhouse gas emissions										
	(a) Aggregate reduction		KYOCERA Corporation / Domestic	FY1991 total amount of greenhouse gas emission	—		—		6% reduction		10% reduction maintained (10% reduction in FY2013)
			Overseas*2	FY1991 total amount of greenhouse gas emission	—		—		Below the first commitment period target for the Kyoto Protocol		—
	(b) Reduction per net sales		KYOCERA Corporation / Domestic	FY1991 greenhouse gas emissions per net sales	38% reduction		41% reduction		44% reduction		65% reduction (50% reduction in FY2013)
			Overseas	FY2008 greenhouse gas emissions per net sales	3% reduction		6% reduction		9% reduction		30% reduction
2. Reduction of CO ₂ emissions resulting from cargo shipping		KYOCERA Corporation	FY2008 CO ₂ emissions per net sales resulting from cargo shipping	2% reduction		4% reduction		6% reduction		20% reduction	

*1 Scope: Global – Entire Kyocera Group, KYOCERA Corporation, Domestic – Domestic Kyocera Group Companies, Overseas – Overseas Kyocera Group Companies.
 *2 Covers countries and regions where reduction goals have been set in accordance with the Kyoto Protocol.

Name of Plan	Goal Content	Scope*1	Reference or Index	Goal						Long-term Goal (FY2018)	
				FY2009		FY2010		FY2011			
				First Half	Second Half	First Half	Second Half	First Half	Second Half		
Resource Conservation Promotion Plan	1. Reduction of vehicle fuel consumption	Global	FY2008 vehicle fuel consumption per net sales	3% reduction		6% reduction		9% reduction		30% reduction	
		FY2009 (2 nd half) start base	FY2009 (1 st half) vehicle fuel consumption per net sales	Understanding the current situation	1.5% reduction	4.5% reduction		7.5% reduction			
	2. Reducing water consumption	Global	FY2008 water consumption per net sales	Plants	4% reduction		8% reduction		12% reduction		30% reduction
		FY2009 (2 nd half) start base	FY2009 (1 st half) water consumption per net sales	Offices	2% reduction		4% reduction		6% reduction		15% reduction
	3. Reduction of gas purchased	Global	FY2008 amount of gas purchased per net sales	Plants	2% reduction		4% reduction		6% reduction		15% reduction
		FY2009 (2 nd half) start base	FY2009 (1 st half) amount of gas purchased per net sales	Offices	Understanding the current situation	2% reduction	6% reduction		10% reduction		
4. Reducing traveling expenses	Global	FY2008 traveling expenses per net sales	Plants	2% reduction		4% reduction		6% reduction		20% reduction	
FY2009 (2 nd half) start base	FY2009 (1 st half) traveling expenses per net sales	Offices	Understanding the current situation	1% reduction	3% reduction		5% reduction				
5. Reducing packing and shipping charges	KYOCERA Corporation	FY2008 packing and shipping charges per net sales		2% reduction		4% reduction		6% reduction		20% reduction	
6. Reducing the use of exhaustible resources	KYOCERA Corporation	FY2008 amount of gold purchased per net sales		2% reduction		4% reduction		6% reduction		10% reduction	
Paper Resource Conservation Promotion Plan	1. Reducing office paper purchase	Global	FY2008 office paper purchase per net sales	3% reduction		6% reduction		9% reduction		20% reduction	
		FY2009 (2 nd half) start base	FY2009 (1 st half) office paper purchase per net sales	Understanding the current situation	1.5% reduction	4.5% reduction		7.5% reduction			
	2. Reducing the purchase of paper used in production processes	Global	FY2008 purchase of paper used in production processes per net sales		5% reduction		10% reduction		15% reduction		30% reduction
FY2009 (2 nd half) start base	FY2009 (1 st half) purchase of paper used in production processes per net sales	Understanding the current situation	2.5% reduction	7.5% reduction		12.5% reduction					
3. Reducing paper discharged	Global	FY2008 paper discharged per net sales		3% reduction		6% reduction		9% reduction		20% reduction	
FY2009 (2 nd half) start base	FY2009 (1 st half) paper discharged per net sales	Understanding the current situation	1.5% reduction	4.5% reduction		7.5% reduction					
Packing Materials Improvement Promotion Plan	1. Abolition of use of vinyl chloride outer packing materials	KYOCERA Corporation	—	Continuation of complete elimination						Continuation of complete elimination	
	Domestic/Overseas	—	—	Achievement of complete elimination							
	2. Reduction of vinyl chloride inner packing materials purchased per net sales	Global	FY2008 vinyl chloride inner packing materials purchased per net sales	10% reduction		20% reduction		30% reduction		Achievement of complete elimination*3	
FY2009 (2 nd half) start base	FY2009 (1 st half) vinyl chloride inner packing materials purchased per net sales	Understanding the current situation	5% reduction	15% reduction		25% reduction					
3. Reduction of packing materials purchased per net sales	Global	FY2008 packing materials purchased per net sales		3% reduction		6% reduction		9% reduction		20% reduction	
FY2009 (2 nd half) start base	FY2009 (1 st half) packing materials purchased per net sales	Understanding the current situation	1.5% reduction	4.5% reduction		7.5% reduction					
Kyocera Environmental Management Standard	1. Reduction of hazardous substances in discharged water										
	(a) Recycling system for discharged water in the cyanogens process	KYOCERA Corporation / Domestic	—	—		System building (Shiga Gamo Plant)		System building (Each location*4)		—	
	(b) Recycling system for discharged water in the arsenic process	KYOCERA Corporation / Domestic	—	System building (Shiga Yohkaichi Plant)		—		—		—	
	2. Application of Kyocera's Domestic Group Environmental Management Standard	Domestic	—	Countermeasures for equipment						—	
3. Establishment of Kyocera's Overseas Group Environmental Management Standard	Overseas	Regulations and public regulation values	Establishment of values 10% stricter than regulation values		Application		Change to values 20% stricter than regulation values		—		
Waste Reduction Promotion Plan	1. Reduction of weight discharged per net sales										
	Industrial waste	Global	FY2008 weight discharged per net sales	5% reduction		10% reduction		15% reduction		50% reduction	
	General waste	KYOCERA Corporation / Domestic	FY2008 weight discharged per net sales	3% reduction		6% reduction		9% reduction		30% reduction	
	2. Zero emission	KYOCERA Corporation / Domestic	Recycling rate	99.2%		99.3%		Achievement of 99.5%		Continuation	
		Overseas (Production sites)	Percentage of achieved sites	—		—		100.0%		Continuation	
	3. Reduction of weight generated per net sales	Overseas (Production sites)	Recycling rate	—		—		Achievement of 99.0%		Continuation	
Chemical Substances Measurement Promotion Plan	1. Reduction of consumption, discharge and transfer of materials subject to the PRTR Law										
	(a) Consumption	KYOCERA Corporation / Domestic	FY2008 consumption per net sales (21 subject materials)	5% reduction		10% reduction		15% reduction		25% reduction	
	(b) Discharge		FY2008 discharge per net sales (21 subject materials)	10% reduction		20% reduction		30% reduction		50% reduction	
	(c) Transfer		FY2008 transfer per net sales (21 subject materials)	7% reduction		14% reduction		20% reduction		30% reduction	
	(a) Consumption	Overseas*5	FY2009 (1 st half) consumption per net sales	2% reduction		4% reduction		6% reduction		12% reduction	
	(b) Discharge		FY2009 (1 st half) discharge per net sales	5% reduction		10% reduction		15% reduction		25% reduction	
	(c) Transfer		FY2009 (1 st half) transfer per net sales	3% reduction		6% reduction		9% reduction		15% reduction	
	2. Reducing volatile organic compound (VOC) emissions	KYOCERA Corporation / Domestic	FY2008 emission (absolute value) (Subjects: IPA, toluene, acetone and methanol)	5% reduction		10% reduction		15% reduction		50% reduction	
		Overseas*6	FY2009 (1 st half) emission (absolute value)	For reduction, values 20% stricter than regulation values are set as a voluntary standard						—	

*3 Excludes packing materials subject to material recycling and specially permitted packing materials.

*4 Kagoshima Sendai Plant, Kagoshima Kokubu Plant, Kagoshima Hayato Plant, Sendai Office, Kyocera SLC Technologies Corp.

*5 Covers materials notified according to the PRTR system of each country. However, for a company having set its own goals, the stricter standard, the above or its own will be applied.

*6 Subject to companies for which regulations apply. For a company where regulations are provided but do not apply, desired standards should be established for reduction.

The Health and Safety Promotion Plan (refer to page 41), Fire and Disaster Prevention Promotion Plan (refer to page 41), and Perfect 5S Promotion Plan (refer to page 80) are also drawn up.