

Environmental accounting results (Japan)(fiscal 2011)

Scope: All establishments, including affiliates, in Japan Period: April 2011 to March 2012 Unit: ¥ 1,000

Environmental conservation costs	Category	Major activities	Capital investment		Costs	
			FY2010	FY2011	FY2010	FY2011
Environmental conservation costs	1) Business area costs					
	(1) Pollution prevention costs	Installation, repair, environmental assessment, and maintenance of pollution prevention facilities	0	0	123,534	122,282
	(2) Global environmental conservation costs	Installation of energy-efficient equipment and facilities	10,000	16,820	144,638	121,524
	(3) Resource circulation costs	Disposal and recycling of waste; construction of water supply facilities	0	0	64,131	73,293
	2) Upstream/downstream costs	Green procurement and purchasing; introduction and development of recycled packaging materials	0	0	0	0
	3) Administrative costs	Operation of Environmental Management System; management of the biotope; disclosure of environmental information	1,169	0	225,171	221,847
	4) R&D costs	R&D of environmentally friendly products and production technologies	0	0	9,641	6,471
	5) Social activity costs	Tree-planting in the surrounding areas	0	0	4,050	2,225
6) Environmental remediation costs	Environmental remediation; penalties or litigations concerning environmental conservation	0	0	0	0	
	Total		11,169	16,820	571,165	547,642
Environmental conservation benefits	Category	Major activities	FY2010		FY2011	
			Benefit amount			
Environmental conservation benefits	1) Economic benefits					
	(1) Energy cost savings	Installation of energy-efficient equipment and facilities; implementation of energy-saving measures	69,782		65,924	
	(2) Revenue from sale of recycled materials	Sale of recovered metals, etc.	33,601		40,394	
	(3) Packaging material cost savings	Introduction of reusable packaging materials and returnable containers	--		--	
	(4) Waste disposal cost savings due to reduced waste volumes	Reduction of wastewater disposal costs through the use of wastewater treatment facilities	46,350		40,885	
	(5) Publicity benefits from media coverage	Coverage by newspapers	15,375		6,054	
		Total	165,108		153,257	
	2) Physical benefits		Volume reduced/effectively used			
	(1) Power consumption reduction	Installation of energy-efficient equipment and facilities	1,829(MWh)		1,544(MWh)	
(2) Heavy oil consumption reduction	Installation of energy-efficient equipment and facilities	354(kl)		364(kl)		
(3) City gas consumption reduction	Installation of energy-efficient equipment and facilities	307,000 (m ³)		307,000 (m ³)		
(4) Energy consumption reduction	Installation of energy-efficient equipment and facilities	45,829,674 (MJ)		43,479,958 (MJ)		
(5) CO2 emission reduction	Installation of energy-efficient equipment and facilities	2,346 (t-CO ₂)		2,268 (t-CO ₂)		
(6) Effective utilization of resources	The total quantity of metals, office-use paper, waste plastics, and other resources recycled	539(t)		366(t)		
(7) Effective utilization of waste	The percentage of waste recycled to the total volume of waste generated at sites	97(%)		99(%)		
(8) Reduction of the quantity of purchased packaging materials	Introduction of reusable packaging materials and returnable containers	--		--		
Customer benefits						FY2011 No. of units sold
	No. of units of green products sold					902