

Environmental accounting results (Japan)(fiscal 2008)

Scope: All establishments, including affiliates, in Japan Period: April 2008 to March 2009 Unit: ¥ 1,000

Environmental conservation costs	Category	Major activities	Capital investment		Costs	
			FY2007	FY2008	FY2007	FY2008
	1) Business area costs					
	(1) Pollution prevention costs	Installation, repair, environmental assessment, and maintenance of pollution prevention facilities	376,298	0	127,517	123,482
	(2) Global environmental conservation costs	Installation of energy-efficient equipment and facilities	547,903	16,881	194,666	183,000
	(3) Resource circulation costs	Disposal and recycling of waste; construction of water supply facilities	2,489	0	125,149	94,754
	2) Upstream/downstream costs	Green procurement and purchasing; introduction and development of recycled packaging materials	0	0	43,336	20,964
	3) Administrative costs	Operation of Environmental Management System; management of the biotope; disclosure of environmental information	10,881	8,013	305,500	292,137
	4) R&D costs	R&D of environmentally friendly products and production technologies	0	0	126,678	85,589
	5) Social activity costs	Tree-planting in the surrounding areas	0	0	5,182	6,790
	6) Environmental remediation costs	Environmental remediation; penalties or litigations concerning environmental conservation	0	0	0	0
	Total		937,571	24,894	928,028	806,716
Environmental conservation benefits	Category	Major activities	FY2007		FY2008	
			Benefit amount			
	1) Economic benefits					
	(1) Energy cost savings	Installation of energy-efficient equipment and facilities; implementation of energy-saving measures	83,164		72,712	
	(2) Revenue from sale of recycled materials	Sale of recovered metals, etc.	25,147		31,828	
	(3) Packaging material cost savings	Introduction of reusable packaging materials and returnable containers	10,592		5,661	
	(4) Publicity benefits from media coverage	Coverage by newspapers	17,059		25,714	
	Total		135,962		135,915	
	2) Physical benefits					
	(1) Power consumption reduction	Installation of energy-efficient equipment and facilities	3,012(MWh)		2,611(MWh)	
	(2) Heavy oil consumption reduction	Installation of energy-efficient equipment and facilities	388(kl)		362(kl)	
	(3) Energy consumption reduction	Installation of energy-efficient equipment and facilities	59,336,514 (MJ)		54,330,559 (MJ)	
	(4) CO2 emission reduction	Installation of energy-efficient equipment and facilities	2,767 (t-CO ₂)		2,784 (t-CO ₂)	
	(5) Effective utilization of resources	The total quantity of metals, office-use paper, waste plastics, and other resources recycled	1,094(t)		511(t)	
	(6) Effective utilization of waste	The percentage of waste recycled to the total volume of waste generated at sites	99 (%)		98 (%)	
	(7) Reduction of the quantity of purchased packaging materials	Introduction of reusable packaging materials and returnable containers	61 (t)		8 (t)	
			four models		two models	
Customer benefits	Use of our environmentally friendly products	Energy consumption reduction	1,314(MWh)		1,934(MWh)	
		Energy cost savings	18,402		29,013	
		CO2 emission reduction	446 (t-CO ₂)		822 (t-CO ₂)	