

Environmental Accounting

Overview of fiscal 2018 performance

In fiscal 2018, environmental accounting showed that investment in environmental conservation decreased from the previous fiscal year while costs and the economic benefits (real effects) associated with environmental conservation measures increased.

Investments in environmental conservation, including energy monitoring systems, were valued at ¥76 million. The costs of environmental conservation included ¥581 million for recycling products, parts, and toner cartridges and other consumables and ¥529 million for energy saving, air and water pollution measures and the like, bringing the total to ¥1,110 million. The economic benefits associated with environmental conservation measures were ¥761 million and included business revenue from recycling activities as real effects.

Environmental conservation costs (April 2017 - March 2018)

Category by business activity		Environment al investment (¥ million)	Environment al expenses (¥ million) ^{*1}
	Main initiatives		
Business area costs (costs arising in the main areas of business activity (manufacturing, processing, sales, distribution etc.))		76	372
(1) Pollution prevention cost	Preventing air and noise pollution	42	30
(2) Global environmental conservation cost	Maintenance of energy-saving systems	31	226
(3) Resource circulation cost	Processing, reducing in volume, and recycling of general and industrial waste	3	116
Upstream/downstream cost ^{*2}	Collection and recycling of products, parts, supplies	-	581
Administration cost	Secretariat operation costs, environmental information disclosure	0	148

R&D cost	R&D for reduction of environmental impact	-	3
Social activity cost	Participation in, donations to, and support for environmental conservation organizations	-	6
Total		76	1,110

*1 Depreciation costs are included in the expenses.

*2 Costs arising before and after the processes of the main business activities.

Economic benefits of environmental conservation (April 2017 - March 2018)

Type of benefit		Amount (¥ million)
Actual benefit (benefit that contributes to profits as a result of the promotion of environmental conservation measures) ^{*3}		
Profits	Business revenue from recycling of used products, etc.	732
Cost reduction	Cost reduction through energy saving activities	26
	Reduction of waste processing costs arising from resource saving or recycling	3
Total		761

*3 Starting in fiscal 2016, only economic benefits that could be aggregated were included, and deemed benefits based on estimates were not included.

Environmental conservation effect

Types of environmental conservation effects	Environmental performance indicator	Unit	FY2017	FY2018	Environmental conservation effect ^{*4}
Environmental conservation effect relating to resources used in business activities	Water resources	Thousand m ³	523	506	17
Environmental conservation effect relating to environment impact and waste generated by business activities	CO ₂ emissions ^{*4}	Tons-CO ₂	36,682	36,597	85
	Waste emissions	Tons	3,571	4,653	-1,082

^{*4} The country-specific coefficients published in the GHG Protocol's calculation tool are used in the calculation of CO₂ emissions for electricity. See "Calculation Standards" in the "Environmental Data" section for details.

Scope of data compilation for accounting: Casio Computer Co., Ltd., and consolidated subsidiaries in and outside Japan.
Reference guideline: Environmental Accounting Guidelines 2005, Ministry of the Environment, Japan.