

Fiscal 2012 Casio Environmental Action Plan Performance

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Progress assessment key	
① Target was achieved and a new, higher target was established.	☆☆☆☆
② Target was achieved.	☆☆☆☆
③ Target not achieved, but steady improvement made over previous fiscal year.	☆☆☆☆
④ Making progress toward achieving target and expect results next fiscal year and beyond.	☆☆☆☆
⑤ Same as or worse than base value.	☆☆☆☆

	Theme	Target	Per-unit value of base year, etc.	per-unit value of target year, etc.	Actual performance of per-unit value for FY2011, etc.	Performance by the end of FY2011	Progress assessment
Product targets							
1: Eco-products	Raise share of Green Star Product sales in total sales.	Increase Casio Green Star product sales to 50% of total sales by FY2015. Maintain Green Product sales at 80% of total sales or more.	-	50% [80% or more]	43% [83%]	14.2 percentage points remaining to reach target. Exceeded target by 3 percentage points.	☆
Plant and business-site targets							
Upper level: FY2012 Lower level: FY2011							
1: Reduction of greenhouse gas emissions over the medium and long term	Reduce greenhouse gas emissions over the medium term.	Reduce the total volume of global greenhouse gas emissions from business activities by 30% by FY2021 compared to FY2006.	132,213	92,549	44,343	Reduced by 66.5%	☆
			(Tons-CO2)	(Tons-CO2)	(Tons-CO2)	(Reduced by 18.2%)	
	Reduce greenhouse gas emissions over the long term.	Reduce the total volume of global greenhouse gas emissions from business activities by 80% by FY2051 compared to FY2006.	132,213	26,443	44,343	Reduced by 66.5%	☆
			(Tons-CO2)	(Tons-CO2)	(Tons-CO2)	(Reduced by 18.2%)	
2: Energy conservation (electrical power, fuel, etc.)	Reduce CO2 emissions (Japan production sites).	Reduce emissions per unit of actual production by 35%, averaged over 5 years from FY2009 to 2013, compared with FY1991.	0.312	0.203	0.166 *1	Reduced by 46.9%	☆
			(Tons-CO2/¥ million)	(Tons-CO2/¥ million)	(Tons-CO2/¥ million)	(Reduced by 10.4%)	
	Reduce CO2 emissions (Japan office sites).	Reduce total emissions by 9%, averaged over 5 years from FY2009 to 2013, compared with FY1991.	11,492	10,458	7,900 *1	Reduced by 31.3%	☆
			(Tons-CO2)	(Tons-CO2)	(Tons-CO2)	(Reduced by 7.4%)	
Reduce CO2 emissions (production sites outside Japan).	Reduce emissions per unit of production by 30% by FY2013 compared to FY2005.	0.235	0.165	0.213	Reduced by 9.5%	▲	
		(Tons-CO2/¥ million)	(Tons-CO2/¥ million)	(Tons-CO2/¥ million)	(Increased by 3.2%)		
Reduce CO2 emissions (office sites outside Japan).	Reduce total emissions by 3% by FY2013 compared to FY2005.	5,099	4,946	7,249	Increased by 42.2%	▲	
		(Tons-CO2)	(Tons-CO2)	(Tons-CO2)	(Reduced by 3.3%)		
3: Reduction of greenhouse gas	Reduce total emissions of greenhouse gases other than CO2 (CO2 equivalent) to below 2000 level.	Reduce total emissions to below 2000 level by 2010.	7,278	728	34	Reduced by 99.5%	☆☆☆
			(Tons-CO2)	(トン-CO2)以下	(Tons-CO2)	(Reduced by 98.9%)	
4: Resource conservation (water, paper)	Reduce water usage (Japan production sites).	Reduce usage per unit of actual production by 25% by FY2013 compared to FY2001.	0.0077	0.0058	0.0030	Reduced by 61.2%	☆☆☆
			(Thousand m3/¥ million)	(Thousand m3/¥ million)	(Thousand m3/¥ million)	(Reduced by 33.7%)	
	Reduce water usage (production sites outside Japan).	Reduce usage per unit of production by 15% by FY2013 compared to FY2005.	0.0039	0.0033	0.0041	Increased by 4.5%	▲
			(Thousand m3/¥ million)	(Thousand m3/¥ million)	(Thousand m3/¥ million)	(Reduced by 9.1%)	
Reduce office paper usage (Japan sites).	Reduce usage per unit of sales by 10% by FY2013 compared to FY2006.	0.00035	0.00032	0.00048	Increased by 37.1%	▲	
		(Tons-CO2/¥ million)	(Tons-CO2/¥ million)	(Tons-CO2/¥ million)	(Increased by 3.1%)		
5: Waste reduction	Reduce generation of waste (Japan sites).	Reduce waste per unit of actual production by 50% by FY2013 compared to FY2001.	0.024	0.012	0.0145	Reduced by 39.6%	☆
			(Tons-CO2/¥ million)	(Tons-CO2/¥ million)	(Tons-CO2/¥ million)	(Increased by 6.3%)	
	Reduce generation of waste (production sites outside Japan).	Reduce waste per unit of production by 30% by FY2013 compared to FY2005.	0.012	0.008	0.0031	Reduced by 73.9%	☆☆☆
			(Tons-CO2/¥ million)	(Tons-CO2/¥ million)	(Tons-CO2/¥ million)	(Reduced by 62.2%)	
6: Reduction of volatile organic compounds (VOCs)	Reduce emissions of VOCs to atmosphere (Japan production site).	Reduce emissions by 45% by FY2016 compared to FY2001.	47	26	3	Reduced by 94.6%	☆☆☆
			tons	tons	tons	(Reduced by 88.0%)	
7: Hazardous substance phase-out	Detoxify PCB-containing equipment now in storage as Japan Environmental Safety Corporation starts.	Detoxify all PCBs stored at Kofu Casio by FY2015.	-	-	-	-	☆
8: Output reduction of PRTR substances	Reduce output of PRTR substances (Japan production sites).	Reduce output per unit of actual production by 40% by FY2013 compared to FY2004.	0.00011	0.00007	0.00001	Reduced by 88.8%	☆☆☆
			(Tons-CO2/¥ million)	(Tons-CO2/¥ million)	(Tons-CO2/¥ million)	(Reduced by 61.4%)	
9: Green procurement	Improve the green procurement ratio.	Maintain 100%*5 green parts procurement rate (all supplied parts are green parts*4) of FY2013. *4 Parts and materials that do not contain prohibited substances as designated by Casio *5 Excluding those substances that are within legal limits, if customer requests	-	FY2011: 100%	In Japan: 100% Outside Japan: 100%	-	☆☆☆
10: Green purchasing	Raise green purchasing ratio of office supplies and office equipment (Japan sites).	Raise the ratio to 75% of total purchases by FY2012 (based on the number of purchases).	-	75%	63.7%	-	☆
11: Logistics-related global warming countermeasures	Reduce CO2 emissions*3 (distribution in Japan).	Reduce emissions per unit of sales in Japan by 22% by FY2013 compared to FY2006.	-	22.0% compared to FY2013	75.6% compared to FY2006	24.4% compared to FY2006	☆
Overall business activity targets							
1: Biodiversity preservation target	Preserve biodiversity and ecosystem services.	Conduct biodiversity impact surveys in all business areas by FY2012, and establish a policy theme.	-	-	-	Build a foundation for surveying biodiversity impact (implement e-learning program, and investigate a checklist)	☆☆

*1 Average value for FY2009 to FY2012.

*2 Average value for FY2009 to FY2011.

*3 The scope of target for logistics-related global warming countermeasures is distribution for product sales.