

Fiscal 2007 Performance Report for Casio Environmental Action Plan

	Theme	Target	Per-unit value of base year	Target per-unit value of target year	Actual performance of per-unit value for FY 2007	Performance by end of FY2007	Progress assessment
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Lower level in parentheses (): FY2006

Product targets

1. Eco-products	Raise share of green product sales in total sales.	Increase green product sales to 70% of total sales by FY2008.	–	70%	70.5% (68%)	Grew to 70.5%. (Target achieved one year ahead of schedule.)	☆☆☆
	Reduce total usage of packaging materials.	Reduce total usage of packaging materials per unit of sales by 30% in FY2008 compared to FY2001.	2.76 (tons/¥billion)	1.94 (tons/¥billion)	2.08 (tons/¥billion) (214)	Achieved a 23.7% reduction.	☆☆
2. Hazardous substance phase-out	Discontinue use of lead, mercury, cadmium, hexavalent chromium covered by EU RoHS Directive in all applicable products.	Discontinue use of these substances by end December 2006.	–	–	–	Completely discontinued use (excluding some special purpose products)	☆☆

Plant and business-site targets

1. Energy conservation (electrical power, fuel, etc.)	Reduce CO2 emissions (Japan sites)	Reduce CO2 emissions per unit of actual production by 20% in FY2011 compared to FY2004.	0.23 (tons-CO2¥billion)	0.18 (tons-CO2¥billion)	0.23 (tons-CO2¥billion) (0.24)	Same level as base year, and down 4.1% from previous year.	●
	Reduce CO2 emissions (sites outside Japan)	Reduce CO2 emissions per unit of production by 10% in FY2011 compared to FY2005.	0.34 (tons-CO2¥billion)	0.31 (tons-CO2¥billion)	0.25 (tons-CO2¥billion) (0.32)	Reduced by 26.5% from base year and by 21.9% from previous year.	☆☆☆
2. Reduction of greenhouse gases	Reduce total emissions of greenhouse gases other than CO2 (CO2 equivalent) to below 2000 level.	Reduce total emissions of greenhouse gases to the 2000 level of 7,278 tons-CO2 or below in 2010.	7,278 (t-CO2)	7,278 (t-CO2)	20,446 (t-CO2) (18,714)	Increased by 13,168 tons-CO2 over base year and by 1,732 tons-CO2 over previous year.	●
3. Resource conservation (water, paper)	Reduce water usage (Japan production sites)	Reduce water usage per unit of actual production by 10% in FY2009 compared to FY2001.	0.0077 (thousand m3/¥million)	0.0069 (thousand m3/¥million)	0.0074 (thousand m3/¥million) (0.0075)	Reduced by 3.9% from base year and by 1.3% from previous year.	☆
	Reduce water usage (production sites outside Japan)	Reduce water usage per unit of production by 10% in FY2009 compared to FY2005.	0.0039 (thousand m3/¥million)	0.0037 (thousand m3/¥million)	0.0034 (thousand m3/¥million) (0.0042)	Reduced by 12.8% from base year and by 19.0% from previous year.	☆☆☆
	Reduce paper usage (Japan sites)	Reduce paper usage per unit of actual production by 30% in FY2009 compared to FY2004.	0.0020 (tons/¥million)	0.0014 (tons/¥million)	0.0019 (tons/¥million) (0.0021)	Reduced by 5.0% from base year and by 9.5% from previous year.	☆☆
4. Volume of waste output	Reduce generation of waste (Japan sites)	Reduce generation of waste per unit of actual production by 40% in FY2009 compared to FY2001.	0.024 (tons/¥million)	0.014 (tons/¥million)	0.017 (tons/¥million) (0.018)	Reduced by 29.1% from base year and by 5.5% from previous year.	☆☆
	Reduce generation of waste (production sites outside Japan)	Reduce generation of waste per unit of production by 10% in FY2009 compared to FY2005.	0.012 (tons/¥million)	0.011 (tons/¥million)	0.009 (tons/¥million) (0.011)	Reduced by 25% from base year and by 18.1% from previous year.	☆☆☆
5. Reduction of volatile organic compounds (VOCs)	Reduce emission of VOCs to atmosphere (Japan production sites)	Reduce emission of VOCs by 30% in FY2011 compared to FY2001.	47 t	33 t	52 t (52 t)	Situation remains worse than base year at 52 tons of emissions, same as previous year.	●
6. Hazardous substance phase-out	Detoxify PCB-containing equipment now in storage as Japan Environmental Safety Corporation starts program in each region. (Hamura, Hachioji R&D center, Kofu Casio)	<ul style="list-style-type: none"> Detoxify all PCBs stored at the Hamura and Hachioji R&D Centers by FY2008. Detoxify all PCBs stored at Kofu Casio by FY2009. 	–	–	–	Finished delivering PCB-containing equipment from Hamura and Hachioji R&D Centers to waste treatment contractor for detoxification. (Still waiting to deliver low concentration items per JESCO treatment policy.)	☆☆
7. Output reduction of PRTR substances	Reduce output of PRTR substances per unit of actual production (Japan production sites)	Reduce output of PRTR substances per unit of actual production by 10% in FY2011 compared to FY2004.	0.00011 (tons/¥million)	0.00010 (tons/¥million)	0.00005 (tons/¥million) (0.00010)	Reduced by 54.5% from base year and by 50% from previous year.	☆☆☆
8. Green procurement	Achieve 100% response rate (percent of parts covered by supplier surveys) for green parts (sites in and outside Japan)	<ul style="list-style-type: none"> Achieve a 100% response rate in Japan during FY2007. Achieve a 100% response rate outside Japan during FY2007. 	–	100%	100%	Achieved a 100% response rate in and outside Japan.	☆☆☆
9. Green purchasing	Raise green purchasing ratio to 60% of total purchases of office supplies and office equipment (Japan sites)	Raise the green purchasing ratio to 60% of total purchases in FY2008 (based on the number of purchases)	–	60%	63%	Achieved 64.9%. (Target achieved one year ahead of schedule.) Increased by 6.2% over previous year.	☆☆☆
10. Distribution-related global warming countermeasures	Reduce CO2 emissions (distribution in Japan)	Reduce CO2 emissions per unit of sales in Japan by 50% in FY2008 compared to FY2001.	1.14 (tons/¥billion)	0.57 (tons/¥billion)	0.70 (tons/¥billion) (0.71)	Reduced by 39% from base year and by 1.4% from previous year.	☆☆
	Reduce CO2 emissions (distribution outside Japan)	Reduce CO2 emissions per unit of sales outside Japan by 5% in FY2008 compared to FY2005.	17.13 (tons/¥billion)	16.27 (tons/¥billion)	17.71 (tons/¥billion) (16.61)	Increased by 3.3% over base year and by 6.7% over previous year.	●

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.	●