

Fiscal 2008 Casio Environmental Action Plan Performance Report (Details)

Upper level: Compared with base year
 Lower level: (Compared with previous year)
 Lower level in parentheses (): FY2007

	Theme	Target	Per-unit value of base year	Target per-unit value of target year	Actual performance of per-unit value for FY 2008	Performance by end of FY2008	Progress assessment
Product targets							
1. Eco-products	Raise share of green product sales in total sales.	Increase green product sales to 80% of total sales by FY2009.	—	80%	77% (70.5%)	Grew to 77.0%.	☆☆
	Reduce total usage of packaging materials.	Reduce total usage of packaging materials per unit of sales by 30% by FY2008 compared to FY2001.	27.6 (tons/¥ billion)	19.3 (tons/¥ billion)	21.0 (tons/¥ billion) (21.1)	Reduced by 24.2% (Reduced by 0.5%)	☆☆
Plant and business-site targets							
1. Energy conservation (electrical power, fuel, etc.)	Reduce CO ₂ emissions (Japan sites)	Reduce CO ₂ emissions per unit of actual production by 20% by FY2011 compared to FY2004.	0.22 (tons-CO ₂ /¥ million)	0.18 (tons-CO ₂ /¥ million)	0.23 (tons-CO ₂ /¥ million) (0.23)	Increased by 1.9% (Same level)	●
	Reduce CO ₂ emissions (sites outside Japan)	Reduce CO ₂ emissions per unit of production by 10% by FY2011 compared to FY2005.	0.34 (tons-CO ₂ /¥ million)	0.31 (tons-CO ₂ /¥ million)	0.32 (tons-CO ₂ /¥ million) (0.25)	Reduced by 4.6% (Increased by 29.6%)	☆
2. Reduction of greenhouse gases	Reduce total emissions of greenhouse gases other than CO ₂ (CO ₂ equivalent) to below 2000 level.	Reduce total emissions of greenhouse gases to the 2000 level of 7,278 tons-CO ₂ or below in 2010.	7,278 (tons-CO ₂)	7,278 (tons-CO ₂)	19,682 (tons-CO ₂) (20,446)	Increased by 12,404 tons-CO ₂ (Reduced by 764 tons-CO ₂)	●
3. Resource conservation (water, paper)	Reduce water usage (Japan production sites)	Reduce water usage per unit of actual production by 10% by FY2009 compared to FY2001.	0.0077 (thousand m ³ /¥ million)	0.0069 (thousand m ³ /¥ million)	0.0072 (thousand m ³ /¥ million) (0.0074)	Reduced by 5.5% (Reduced by 2.7%)	☆☆
	Reduce water usage (production sites outside Japan)	Reduce water usage per unit of production by 5% by FY2009 compared to FY2005.	0.0039 (thousand m ³ /¥ million)	0.0037 (thousand m ³ /¥ million)	0.0031 (thousand m ³ /¥ million) (0.0034)	Reduced by 25.9% (Reduced by 8.8%)	☆☆☆
	Reduce paper usage (Japan sites)	Reduce paper usage per unit of actual production by 30% by FY2009 compared to FY2004.	0.00025 (tons/¥ million)	0.00018 (tons/¥ million)	0.00028 (tons/¥ million) (0.00030)	Increased by 8.7% (Increased by 6.7%)	●
4. Volume of waste output	Reduce generation of waste (Japan sites)	Reduce generation of waste per unit of actual production by 40% by FY2009 compared to FY2001.	0.024 (tons/¥ million)	0.014 (tons/¥ million)	0.016 (tons/¥ million) (0.017)	Reduced by 32.0% (Reduced by 5.9%)	☆☆
	Reduce generation of waste (production sites outside Japan)	Reduce generation of waste per unit of production by 10% by FY2009 compared to FY2005.	0.012 (tons/¥ million)	0.011 (tons/¥ million)	0.011 (tons/¥ million) (0.009)	Reduced by 8.6% (Reduced by 22.2%)	☆☆
5. Reduction of volatile organic compounds (VOCs)	Reduce emission of VOCs to atmosphere (Japan production sites)	Reduce emission of VOCs by 30% by FY2011 compared to FY2001.	47 tons	33 tons	43 tons (52 tons)	Reduced by 7.3% (Reduced by 15.9%)	☆☆
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 (Japan production sites)	Reduce output of PRTR substances per unit of actual production by 10% by FY2011 compared to FY2004.	0.00011 (tons/¥ million)	0.00010 (tons/¥ million)	0.00004 (tons/¥ million) (0.00005)	Reduced by 59.8% (Reduced by 20%)	☆☆☆
8. Green procurement	Achieve 100% response rate (percent of parts covered by supplier surveys) for green parts (sites in and outside Japan)	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 by FY2008 (based on the number of purchases)	—	60%	66.4% (63%)	Achieved 66.4%. (Increased by 5.1%)	☆☆☆☆
10. Logistics-related global warming countermeasures	Reduce CO ₂ emissions (distribution in Japan)	Reduce CO ₂ emissions per unit of sales in Japan by 50% by FY2008 compared to FY2001.	11.4 (tons/¥ billion)	5.7 (tons/¥ billion)	6.7 (tons/¥ billion) (7.0)	Reduced by 41.2% (Reduced by 4.3%)	☆☆
	Reduce CO ₂ emissions (distribution outside Japan)	Reduce CO ₂ emissions per unit of sales outside Japan by 5% by FY2008 compared to FY2005.	166.1 (tons/¥ billion)	157.8 (tons/¥ billion)	180.7 (tons/¥ billion) (177.1)	Increased by 5.5% (Reduced by 2.0%)	●

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 year. ●