

# Environmental Action Plan and Performance Report

Casio implements an Environmental Action Plan with separate plans for products, and for plants and business sites.

Below is a report on the results for fiscal 2008 and the new targets for fiscal 2009.

## Fiscal 2008 Casio Environmental Action Plan Performance Report

Theme	Target	Performance by end of FY2008 (compared to the base year)	Progress assessment
<b>Product targets</b>			
<b>1. Development targets for eco-products</b>	(1) Increase green product sales to 80% of total sales by FY2009. (2) Reduce total usage of packaging materials by 30% by FY2008 compared to FY2001.*1	Grew to 77.0%. Reduced by 24.2%	★★ ★★
<b>Plant and business-site targets</b>			
<b>1. Energy conservation targets (electrical power, fuel, etc.)</b>	(1) Japan sites: Reduce CO <sub>2</sub> emissions by 20% by FY2011 compared to FY2004.*2 (2) Sites outside Japan: Reduce CO <sub>2</sub> emissions by 10% by FY2011 compared to FY2005.*3	Increased by 1.9% Reduced by 4.6%	● ★
<b>2. Reduction target for greenhouse gases other than CO<sub>2</sub></b>	(1) Reduce total emissions of greenhouse gases other than CO <sub>2</sub> (CO <sub>2</sub> equivalent) to below 2000 level in 2010.	Increased by 12,404 tons-CO <sub>2</sub>	●
<b>3. Resource conservation targets</b>	(1) Japan production sites: Reduce water usage by 10% by FY2009 compared to FY2001.*2	Reduced by 5.5%	★★
	(2) Production sites outside Japan: Reduce water usage by 5% by FY2009 compared to FY2005.*3	Reduced by 25.9%	★★★★
	(3) Japan sites: Reduce paper usage by 30% by FY2009 compared to FY2004.*2	Increased by 8.7%	●
<b>4. Waste reduction targets</b>	(1) Japan sites: Reduce generation of waste by 40% by FY2009 compared to FY2001.*2 (2) Production sites outside Japan: Reduce generation of waste by 10% by FY2009 compared to FY2005.*3	Reduced by 32.0% Reduced by 8.6%	★★ ★★
<b>5. Reduction of volatile organic compounds (VOCs)</b>	(1) Japan production sites: Reduce emission of VOCs by 30% by FY2011 compared to FY2001.	Reduced by 7.3%	★★
<b>6. Hazardous substance phase-out</b>	(1) Detoxify PCB-containing equipment now in storage as Japan Environmental Safety Corporation starts program in each region. * Hamura and Hachioji R&D Centers: By FY2008 * Kofu Casio Co., Ltd: 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.)	
<b>7. Output reduction of PRTR substances</b>	(1) Japan production sites: Reduce output of PRTR substances by 10% by FY2011 compared to FY2004.*2	Reduced by 59.8%	★★★★
<b>8. Green procurement targets</b>	(1) Sites in and outside Japan: Achieve 100% response rate (percent of parts covered by supplier surveys) for green parts by FY2008.	Achieved 100% for both Japan and overseas	★★★★
<b>9. Green purchasing targets</b>	(1) Japan sites: Raise the green purchasing ratio to 60% of total purchases (based on the number of purchases).	Achieved 66.4%	★★★★
<b>10. Targets for logistics-related global warming countermeasures</b>	(1) Reduce CO <sub>2</sub> emissions through improved efficiency of logistics in Japan by 50% by FY2008 compared to FY2001.*1	Reduced by 41.6%	★★
	(2) Reduce CO <sub>2</sub> emissions through improved efficiency of logistics outside Japan by 5% by FY2008 compared to FY2005.	Increased by 5.5%	●

**About the basic units**

\*1: Per unit of sales \*2: Per unit of actual production \*3: Per unit of production

**Progress assessment**

★★★★: Target was achieved and a new, higher target was established.

★★★: Target was achieved.

★★: Target not achieved, but steady improvement made over previous fiscal year.

★: Making progress toward achieving target and expect results next fiscal year and beyond.

●: Same as or worse than base value.

>>>Ref. p10. Fiscal 2008 Casio Environmental Action Plan Performance Report (Details)

## Further Extension of the Environmental Action Plan

Reinforcing the foundation of Casio's environmental management means going from having knowledge about the environment and committing to sustainable growth for the company, to the new level of taking specific action to achieve it. Casio believes that this action involves taking the initiative to meet the following requirements:

- Changing the unit for reduction of CO<sub>2</sub> greenhouse gas from per unit of production to an absolute amount
- Energy and resource saving activities through all processes in the product lifecycle
- Initiatives in environmental technology and environmental product development.

As a target for reducing CO<sub>2</sub> emissions in the Environmental Action Plan for fiscal 2009, Casio set an absolute value for reduction of total CO<sub>2</sub> emissions from office sites.

Taking control of and reducing emissions in logistics processes (direct and indirect logistics), a sector within the group with heavy CO<sub>2</sub> emissions, has been incorporated in the Casio Voluntary Plan for the Environment.

The Electronic Component Division is seeking to make a pioneering contribution by setting a target for environmental technology development, with a substitute for the Kyoto Protocol greenhouse gas SF<sub>6</sub>.

>>>Ref. p8. Fiscal 2008 Casio Environmental Action Plan Performance Report