

# Environmental Management

## Environmental Action Plan “Clean & Green 21” Initiative

In order to implement environmental conservation measures on a voluntary and consistent basis, we have set specific targets for reducing the environmental impacts caused by our business activities based on the Casio Voluntary Plan for the Environment (CVPE).

### Progress on the Casio Group’s Environmental Action Plan “Clean & Green 21” Initiative

Product-related initiatives					
☆☆☆:100% Achieved ☆☆:80% Achieved or over ☆:Less than 80% Achieved					
Items	FY 2003 targets	FY 2003 results	Achievement	FY2004 targets	Page No.
Eco product development target	To boost the sales of Green Products to 50% of total sales by fiscal 2005	Sales of Green Products increased to 44.4%. Efforts will continue to achieve the target by fiscal 2005	☆☆	Continuing	17
	To reduce the overall use of packaging materials by 20% by fiscal 2003 (compared to fiscal 2000)	Use of packaging materials was reduced by only 1% due to business expansion. Though this was below the 20% target, a 16% reduction was achieved in packaging materials used per unit of sales.	☆	To reduce the use of packaging materials per sales unit by 30% by fiscal 2007	23
Hazardous substance phaseout target	To discontinue the use of lead (contained in purchased goods), cadmium, mercury, and hexavalent chromium specified in the RoHS Directive by the end of 2005	To comply with the RoHS Directive, the revised Casio Group Green Procurement Standard Manual was introduced. Efforts will continue to achieve the target by the end of 2005	☆	Continuing	21
	To discontinue the use of solder containing lead by fiscal 2004	A 50% reduction was achieved for all the timepieces. For other products, reduction was accomplished for one or two models. Efforts will continue to achieve the target by fiscal 2004	☆☆	Continuing	20
Business site-related initiatives					
☆☆☆:100% Achieved ☆☆:80% Achieved or over ☆:Less than 80% Achieved					
Items	FY 2003 targets	FY 2003 results	Achievement	FY2004 targets	Page No.
Energy conservation targets	To reduce carbon dioxide (CO <sub>2</sub> ) emissions per unit manufactured by 10% by fiscal 2005 and by 25% by fiscal 2010 (compared to fiscal 1990)	In fiscal 2003, the target was achieved, as the Electronics Equipment Division reduced 25% and the Electronic Component Division reduced 27% of CO <sub>2</sub> emissions per unit manufactured, compared to fiscal 1990. Throughout the company, however, CO <sub>2</sub> emissions increased by 2%, which is attributable to a significant production increase of the Electronic Component Division.	☆☆	Continuing	32
Resource saving targets				To reduce water consumption per unit manufactured by 5% as compared to fiscal 2000 by fiscal 2005.	32
Waste reduction targets	To achieve zero emissions (no landfill waste) by fiscal 2005	Kochi Casio, Yamagata Casio and the Head Office achieved zero emissions in fiscal 2003. In total, seven companies have thus achieved zero emissions, including Kofu Casio (head office and Ichinomiya), Casio Micronics (Yamanashi) and Casio Electronic Manufacturing.	☆☆	Continuing	32
	To reduce waste generation per unit manufactured by 30% by fiscal 2005 (compared to fiscal 2000)	In fiscal 2003, waste generated per unit manufactured was reduced by 6.8%. Contrary to this, the Electronic Component Division observed a 9.7% increase, which makes target achievement difficult.	☆	Continuing	32
Hazardous substance phaseout targets	To discontinue the use of CFC substitutes at all production sites, including subcontractors, by fiscal 2004	Use of CFC substitutes is planned to be totally discontinued by transferring a production site in fiscal 2004 to Jiu Shui Keng Casio Electronics Factory in China, which does not use CFC substitutes.	☆☆	Continuing	14
	To detoxify stored devices containing PCB by fiscal 2005	The Casio Group has 19 capacitors (4 still in use) and 258 small ballasts for fluorescent lamps that contain PCBs (numbers unchanged from fiscal 2002). Best measures for detoxification are being studied paying attention to the activities of the relevant industry associations and the Japan Environment Corporation’s detoxification facility establishment plan.	☆	Continuing	14
Green procurement implementation targets	To increase the average green procurement rate at domestic sites to 95% by fiscal 2005	In fiscal 2003, the average green procurement rate at domestic sites increased to 91.1%. Efforts will continue to achieve the target by fiscal 2005.	☆☆	Continuing	21
	To increase the average green procurement rate at overseas sites to 85% by fiscal 2005	In fiscal 2003, the average green procurement rate at domestic sites increased to 70.0%. Efforts will continue to achieve the target by fiscal 2005.	☆☆	Continuing	21
Green purchasing implementation targets				To increase the green purchasing rate for stationeries, office supplies and OA equipment at domestic sites by 60% (based on the number of cases) * Targeted at the sites that have introduced the CATS e-P system	21
Targets against global warming in regard to distribution				Through seeking efficiency in domestic distribution, to reduce CO <sub>2</sub> emissions per sales unit by 50% as compared to fiscal 2000 by fiscal 2007.	24