

# Environmental Activity

Evaluation of the Fiscal 2008 Environmental Action Plan and Environmental Accounting / Fiscal 2009 Environmental Action Plan

Evaluation of fiscal 2008 performance  
 ●: Target achieved ▲: Needs improvement

Category	Subcategory	Main initiatives and results in fiscal 2008	Achievement Rating	Cost of Environmental Protection Activities			
				Fiscal 2007		Fiscal 2008	
				Cost	Investment	Cost	Investment
Establishment of a corporation that creates environmental values	1. Nikkei Environmental Management Survey	• Ranked first for six consecutive years in the trading company category of the Nikkei Environmental Management Survey conducted by Nikkei Inc.	●	–	–	–	–
	2. Environmental activities	• Green 21 result: 1,071 points, including affiliated companies (target: 1,024 points)	●				
Eco-mind & Global Environmental Management	1. Environmental management	• Quarterly assessment of progress and implementation of improvements	●				
	2. Environmental management system	• Improved management system based on the integrated environmental management system of the Hitachi Group • Acquired ISO14001 certification for five overseas sites and supported preparations for certification by other sites	●	502	–	514	–
	3. Environmental accounting	• Expanded environmental accounting at main affiliated companies in Japan, and promoted implementation by new companies	●				
	4. Environmental education	• Implemented environmental e-learning for entire group • Implemented environmental education in rank-specific training programs	●	83	–	58	–
Next generation Products & Services	1. Eco-products	• Registered 10 new products (including 6 Super Eco-Products) • Achieved Eco-Product ratio of 100% for new products (target: 80%, Naka site)	●				
	2. Control of hazardous substances used in products and Environmentally CSR-compliant Monozukuri	• Operated and improved chemical substance information management system • Began environmentally CSR-compliant Monozukuri activities at overseas sites	●	1,283	–	1,078	–
	3. Sustainable business	• Definition of environmental impact and planning of business models to reduce impact on next generation	●				
Super Eco-factories & Offices	1. Global warming prevention	• Reduced CO <sub>2</sub> emissions per unit of domestic production by 9% from fiscal 1990 base level, compared to target of 21%	▲	134	472	184	229
	2. Resource recycling promotion	• Reduced waste by 17% from fiscal 2000 base level, compared to target of 16% • Achieved resource recycling targets at all target sites (6% increase from fiscal 2005 base level)	●	152	22	169	17
	3. Chemical substances management	• Continued implementation of plan to reduce VOC emissions	●				
	4. Eco-factories & offices	• Implemented measures to reduce waste at model worksites	●	149	32	159	175
Worldwide Environmental Partnership	1. Environmental communication	• Published CSR Report 2008 (Japanese/English/Chinese); distributed to all stockholders and employees • Issued Naka Division Environmental Site Report • Set up environmental corners at factory open days, responded to survey and tour requests	●	17	–	19	–
	2. Global citizenship activities	• Business units implemented environmental activities in local communities • Undergrowth thinning in the Hitachi High-Tech Yasato Forest by employees and their families	●				
<b>Total</b>				<b>2,327</b>	<b>526</b>	<b>2,181</b>	<b>421</b>

● We incurred no violations of environmental laws and regulations. We responded appropriately to comments and complaints from outside the company.

● Environmental accounting tabulation standards

1) Scope: Hitachi High-Technologies Corporation (headquarters, domestic branch offices and divisions), domestic manufacturing companies and several sales companies.

2) Reporting period: April 1, 2008–March 31, 2009

3) Costs: Includes labor, R&D, depreciation, etc. (Compound costs, which include costs for environmental protection and costs for other purposes, are included by extracting the parts specific to environmental protection.)

4) Results: Real income = income obtained through activities related to environmental protection; Cost reduction = cost reduction due to the environmental impact reduction plan (not including estimated reduction activities)

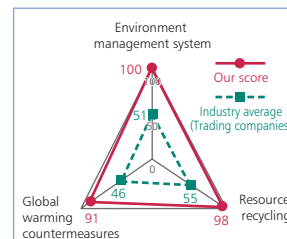
(Unit: million yen/year)

Fiscal 2008 Results		Main environmental initiatives in fiscal 2009
Real Income	Cost Reduction	
–	–	<ul style="list-style-type: none"> <li>Maintain a high rank in the Nikkei Environmental Management Survey</li> <li>Achieve a Green 21 rating of 1,152</li> </ul>
–	–	<ul style="list-style-type: none"> <li>Complete implementation of environmental management system in line with tightened environmental regulations</li> <li>Proactively incorporate environmental management into business strategy</li> <li>Continue working within the integrated environmental management system of the Hitachi Group</li> <li>Extend environmental management systems to overseas affiliated companies</li> <li>Ensure that environmental accounting is firmly established and functioning</li> </ul>
–	–	<ul style="list-style-type: none"> <li>Foster environmental consciousness in employees and their families</li> <li>Increase use of Hitachi Group e-learning tools</li> </ul>
–	–	<ul style="list-style-type: none"> <li>Achieve Eco-product qualification rate of 80% for new products</li> <li>Register more products as Super Eco-products</li> <li>Ensure ongoing rigorous management of harmful chemical substances</li> <li>Ensure ongoing compliance with national and regional laws and regulations (EU RoHS, REACH, other)</li> <li>Strategically promote business models to reduce environmental impact on next generation</li> </ul>
–	48	<ul style="list-style-type: none"> <li>Increase reductions in CO<sub>2</sub> emissions per unit of domestic production</li> </ul>
37	5	<ul style="list-style-type: none"> <li>Reduce industrial waste by 16% (from fiscal 2000 base level)</li> <li>Increase ratio of recycled resources by 10% (from fiscal 2005 base level)</li> <li>Reduce emissions and strengthen management of chemical substances</li> <li>Strengthen PCB management</li> </ul>
–	–	<ul style="list-style-type: none"> <li>Promote eco-factories (industrial wastewater management) and eco-offices</li> </ul>
–	–	<ul style="list-style-type: none"> <li>Ongoing promotion of communication with stakeholders</li> <li>Publish CSR Report and Environmental Site Report</li> <li>Explain environmental activities at factory open days, respond to survey and tours requests</li> <li>Consider product exhibitions at Eco-Products Tokyo and other international exhibitions</li> <li>Help to plan volunteer activities and encouraging employees to volunteer in local community environmental projects</li> </ul>
37	53	

## Environmental Activity Highlights

### Ranked First for Sixth Consecutive Year in the Trading Company Category of the Nikkei Environmental Management Survey

In the 12th Environmental Management Survey conducted by the Nikkei Inc., we ranked first in the trading company category for six years in a row. This ranking recognized the overall accomplishments of the Hitachi High-Technologies Group, including the achievement of zero emissions at major domestic operating facilities and awards for environmental activities.



Our score

### Environmentally Friendly Factory And Office

In February 2008, Hitachi High-Tech Instruments Co., Ltd. completed a new factory with energy-saving air conditioning and lighting and a centralized climate monitoring and control system, for lower power consumption. The parking area is paved with porous asphalt that absorbs rainwater instead of forcing it into the public sewer system. Tree planting was also carried out using trees donated by the employees.



New factory



Tree planting

### Forest Planting and Beautification Projects

Our group carries out various volunteer activities to contribute to environmental preservation. In 2008, volunteers from offices in eastern Japan participated in the Hitachi High-Tech Yasato Forest project and in a Jonanjima beach cleanup on Tokyo Bay. At Hitachi High-Tech Fielding, volunteers from eastern, central and western offices participated in the HISCO Forest project. Kasado Division volunteers participated in the Hanaguri/Shirahama Beautiful Beach Project and other local cleanup projects.



Tree planting (Yasato Forest)



Beach beautification (Kasado Div.)