

Environmental Activity

Evaluation of the Fiscal 2007 Environmental Action Plan and Environmental Accounting / Fiscal 2008 Environmental Action Plan

Evaluation of fiscal 2007 performance
 ●: Target achieved ▲: Needs improvement

Category	Subcategory	Main initiatives and results in fiscal 2007	Achievement Rating	Cost of Environmental Protection Activities			
				Fiscal 2006		Fiscal 2007	
				Cost	Investment	Cost	Investment
Establishment of a corporation that creates environmental values	1. Nikkei Environmental Management Survey	•Ranked first for five consecutive years in the trading company category of the Nikkei Environmental Management Survey conducted by Nihon Keizai Shimbun Inc.	●	–	–	–	–
	2. Environmental activities	•Green 21 result: 921 points, including affiliated companies (target: 896 points)	●				
Eco-mind & Global Environmental Management	1. Environmental management	•Quarterly assessments of progress and implementation of improvement measures	●				
	2. Environmental management system	•Improved management system based on the integrated environmental management system of the Hitachi Group •Prepared for ISO14001 certification acquisition of overseas offices; collected environmental data from those offices	●	398	–	502	–
	3. Environmental accounting	•Implemented environmental accounting at main affiliated companies in Japan	●				
	4. Environmental education	•Implemented environmental e-learning for entire group •Implemented education according to rank-specific trainings	●	61	–	83	–
Next generation Products & Services	1. Eco-products	•Registered 24 new products and achieved Eco-Products ratio of 74% (target: 72%) •Registered 7 Super Eco-Products	●				
	2. Control of hazardous substances used in products and Environmentally CSR-compliant Monozukuri	•Initiated program to establish Environmentally CSR-compliant Monozukuri at overseas affiliated companies •Established chemical substance information management system and promoted its use	●	987	–	1,283	–
	3. Sustainable business	•Promoted sales of Eco-Products •Promoted Eco-Services (ex.Reuse business and Collection of SF ₆)	●				
Super Eco-factories & Offices	1. Global warming prevention	•Reduced CO ₂ emissions per unit of domestic production by 34% from fiscal 1990 base level compared to target of 21%	●	190	86	134	472
	2. Resource recycling promotion	•Achieved zero emissions at total of 8 sites, including Headquarters and Saitama Division	●	152	–	159	22
	3. Chemical substances management	•Implemented plan to reduce VOC emissions	●				
	4. Eco-factories & offices	•Implemented measures to reduce waste at “model worksites” (installed devices to indicate waste volumes, displayed trends, etc.)	●	543	23	149	32
Worldwide Environmental Partnership	1. Environmental communication	•Published CSR Report 2007 (Japanese/English/Chinese); distributed to all stockholders and employees •Issued Naka Division Environmental Site Report •Set up environmental corner at factory open days etc.	●	16	–	17	–
	2. Global citizenship activities	•Implemented environmental activities in local communities at each division & office •Thinned the undergrowth in the Hitachi High-Tech Yasato Forest	●				
Total				2,347	109	2,327	526

● 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 1st, 2007 – March 31st, 2008

3) Costs: labor, R&D, depreciation etc. * Compound costs (combination costs for environmental protection and other purposes) are calculated on the basis of apportionment by extracting parts specific to the purpose of environment.

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)

(Unit: million yen/year)

Fiscal 2007 Results		Main environmental initiatives in fiscal 2008
Real Income	Cost Reduction	
–	–	<ul style="list-style-type: none"> • Maintain a high rank in the Nikkei Environmental Management Survey • Achieve a Green 21 rating of 1,024
–	–	<ul style="list-style-type: none"> • Complete implementation of environmental management system in line with tightened environmental regulations • Proactively incorporate environmental management into business strategy • Continue working towards the integrated environmental management system of the Hitachi Group • Extend environmental management systems to overseas affiliated companies • Expand scope of application for environmental accounting
–	–	<ul style="list-style-type: none"> • Enhance content of e-learning for sales group companies • Increase use of Hitachi Group e-learning tools
–	–	<ul style="list-style-type: none"> • Achieve 80% or more application of Eco-products • Achieve 10% or more registration ratio of Super Eco-products • Ensure management of harmful chemical substances is ongoing and rigorous • Ensure compliance with laws and regulations of other countries such as the EU REACH regulations continuously • Strategically promote business models to reduce environmental impact in the next generation
–	456	<ul style="list-style-type: none"> • Maintain or increase reductions in CO₂ emissions per unit of domestic production
59	4	<ul style="list-style-type: none"> • Reduce industrial waste by 16% (from fiscal 2000 base level) • Increase ratio of recycled resources by 6% (from fiscal 2005 base level) • Ensure full compliance with provisions of the Air Pollution Control Law regarding concentration levels of emissions at facilities already regulated by the law • Reduce VOC emissions
–	16	<ul style="list-style-type: none"> • Promote Eco-Factories (industrial wastewater management, soil pollution countermeasures)
–	–	<ul style="list-style-type: none"> • Promote continuous communication with stakeholders <ul style="list-style-type: none"> • Publish CSR Report and Environmental Site Report • Explain environmental activities at factory open days, conduct surveys, site tours, etc. • Consider exhibiting our products at "Eco-Products Tokyo" and other international exhibitions • Contribute to environmental activities by planning and actively participating in volunteer activities in local communities
59	476	

environmental protection.

Environmental Activity Highlights

Ranked first for fifth consecutive year in the trading company category of the 11th Environmental Management Survey

In the 11th Environmental Management Survey conducted by the Nihon Keizai Shimbun Inc., we again received the first prize in the trading company category. The efforts of the entire Hitachi High-Technologies Group were rated highly in areas such as the wide-ranging use of environmental accounting for Group companies and the improvement of environmental education for employees. We will continue making efforts to maintain and improve environmental activities throughout the entire Group.



“Hitachi High-Technologies Yasato Forest”: Undergrowth Thinned as Part of Tree-Planting Activity

Every year, we thin the undergrowth and weeds in the forest we planted in 2005. In 2007, 65 volunteers comprising employees and their family members took part in this activity. By cultivating the forest, we will continue contributing to the protection of the global environment.



“Yasato Forest”: Environmental Conservation Effects in Fiscal 2006 (based on survey by Kanto Regional Forest Office)

- (1) Absorption and storage of CO₂: 14.0 tons/year: equivalent to annual CO₂ emissions by 44 people
- (2) Watershed protection (easing of floods and water shortages, purification of water quality): 151 m³/year: equivalent to 75,000 2-liter PET bottles-full
- (3) Soil loss prevention: 3 m³/year: equivalent to one 10-ton truck-load

Shonan Division Receives Award from Kanagawa Environmental Conservation Association

The Shonan Division received an environmental conservation award from Kanagawa Environmental Conservation Association. This award recognizes efforts to conserve the environment over many years and the achievement of excellent results. The Shonan Division will continue its efforts to promote environmental activities such as energy saving, resource saving and the reduction of hazardous chemical substances.

