

Environmental Action Plan

Evaluation of the Fiscal 2010 Environmental Action Plan / Environmental Action Plan Phase 3 (Fiscal 2011 to Fiscal 2015)

Evaluation of fiscal 2010 performance
●: Target achieved ▲: Needs improvement

Category	Main initiatives and results in fiscal 2010		
	Subcategory	Main initiatives	Achievement Rating
Establishment of a corporation that creates environmental value	1. Nikkei Environmental Management Survey	Ranked first for eight consecutive years in the trading company category of the Nikkei Environmental Management Survey conducted by Nikkei Inc.	●
	2. Environmental activities	Green 21 result: 1,290 points, including affiliated companies (target: 1,280 points)	●
	3. Conservation of ecosystem (biodiversity)	Revised Guidelines for Environmental Action to include conservation of ecosystem (biodiversity)	●
Eco-mind & Global Environmental Management	1. Environmental management	<ul style="list-style-type: none"> Strengthened Group environmental management, including by continuing to hold Environment Officer Block Meetings Set common standards for monitoring reductions in CO₂ emissions associated with eco-products, and budgeted for CO₂ emissions Identified and budgeted for environmentally-aware operations as part of our environment business strategy 	●
	2. Environmental management system	<ul style="list-style-type: none"> Maintained and improved the integrated environmental management system of the Hitachi Group Acquired ISO 14001 certification, the first for an overseas manufacturing base in the Group, and supported preparations for certification by other sites 	●
	3. Environmental accounting	Continued to ensure that environmental accounting is firmly established and functioning at major Group companies in Japan	●
	4. Environmental education	<ul style="list-style-type: none"> Encouraged employees to take Hitachi Group e-learning course Held lectures and quizzes on environmental themes for employees and their families participating in environmental contribution activities 	●
Next Generation Products & Services	1. Eco-products	<ul style="list-style-type: none"> Registered 7 new products manufactured at the Naka area, achieved target Eco-Product ratio of 100% (target: 80%) Registered 2 Super Eco-Products 	●
	2. Control of hazardous substances used in products and environmentally CSR-compliant Monozukuri	<ul style="list-style-type: none"> Guidance for Existing Chemical Substance Nomination (Labor Safety and Health Law): Completed registration for existing chemical substances CLP Regulation (Classification, Labelling and Packaging of substances and mixtures): Completed registration for hazardous chemicals 	●
Super Eco-factories & Offices	1. Global warming prevention	<ul style="list-style-type: none"> Reduced total domestic CO₂ emissions by 16% (compared to total of individual site targets of 12% reduction from fiscal 1990 base level) Reduced CO₂ emissions per unit of domestic production : Almost all sites achieved individual targets 	●
	2. Resource recycling promotion	<ul style="list-style-type: none"> Reduced waste by 37% (compared to target of 20% reduction from fiscal 2000 base level) Improved resource recycling rate by 35% (compared to target of more than 10% improvement from fiscal 2005 base level) 	●
	3. Chemical substances management	Reduced VOC emissions by 61% (compared to target of 52% from fiscal 2000 base level)	●
	4. Eco-factories & offices	<ul style="list-style-type: none"> Promoted industrial waste water management, soil contamination countermeasures and reduction in water usage Reduced electricity use at Hitachi High-Technologies headquarters building by 6%: (compared to target of 2% from fiscal 2008 base level) 	●
Worldwide Environmental Partnership	1. Environmental communication	<ul style="list-style-type: none"> Published CSR Report 2010 (Japanese/English/Chinese); distributed Japanese edition to all shareholders Issued Naka Area Environmental Site Report Responded to survey and tour requests for our bases 	●
	2. Global citizens' activities	<ul style="list-style-type: none"> Business units implemented environmental activities in local communities Undergrowth thinning in the Hitachi High-Tech Yasato Forest and beach clean-up at Jonanjima Seaside Park by employees and their families 	●

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

Environmental Action Plan Phase 3

Subcategory	Main initiatives	Fiscal 2011 Targets	Fiscal 2015 Targets
Establishment of a corporation that creates environmental values / Environmental Management	Maintain top spot in the trading company category of the Nikkei Environmental Management Survey conducted by Nikkei Inc.	Ranked 1st	Ranked 1st
	Increase green points under Green 21-2015 assessment	384 points	640 points
	Support conservation of ecosystem (biodiversity)	Raise awareness of revised Guidelines for Environmental Action	Establish contribution targets
	Contribute to reduce CO ₂ emissions by Eco-products (The Hitachi Group total reduction targets: 35 million tons in fiscal 2015 and 100 million tons in fiscal 2025)	Cumulative 120,000 tons	Cumulative 400,000 tons
	Strengthen Group environmental management by continuing to hold Environment Officer Block Meetings		
	<ul style="list-style-type: none"> • Maintain and improve the integrated environmental management system of the Hitachi Group • Execute plans for extending environmental management systems to overseas subsidiaries, continue to utilize overseas networks 		
	Provide environmental information to supply chains		Strengthen partnerships with suppliers (Ongoing support to procurement divisions)
Eco-mind	<ul style="list-style-type: none"> • Encourage employees to take Hitachi Group e-learning course • Develop environmental experts, implement environmental education in rank-specific training programs 	Participation rate of 90% or more -	Participation rate of 95% or more -
Promote Eco-products	<ul style="list-style-type: none"> • Expand Eco-products (improve ratio to in-house product sales) • Register 1 Eco-products Select model by FY2015 	69% Promote plans	70% More than 1 product
<ul style="list-style-type: none"> • Proper management of hazardous substances in products • Ensure ongoing compliance with national and regional laws and regulations (EU revised RoHS, REACH, other) 			
Eco-factories (Global warming prevention)	<ul style="list-style-type: none"> • Reduce domestic CO₂ emissions by (compared to fiscal 1990 base level): Manufacturing companies • Reduce CO₂ emissions per unit of domestic production by (compared to fiscal 2005 base level): Manufacturing companies • Reduce CO₂ emissions by investments in introduction of renewable energy 	20% reduction 20% reduction Initiate introduction	16% reduction 39% reduction Expand introduction
	<ul style="list-style-type: none"> • Formulate plans and promote SF6 emission reduction • Formulate plans and promote PFC emission reduction 	Promote plans Promote plans	Reduce by 50% in fiscal 2013 (compared to fiscal 2003 base level) Reduce by 10% in fiscal 2013 (compared to fiscal 1995 base level)
Eco-factories (Resource recycling)	<ul style="list-style-type: none"> • Reduce waste per unit of domestic production by (compared to fiscal 2005 base level) • Reduce waste 	7% reduction Consider and promote initiatives	34% reduction Consider and promote initiatives
	<ul style="list-style-type: none"> • Promote eco-factories (industrial wastewater management and soil contamination countermeasures, etc.) • Promote new zero emission standards* (Lower final disposal rate) 		
Environmental communication	<ul style="list-style-type: none"> • Publish Corporate Social Responsibility Report and Environmental Site Report • Respond to survey and tour requests for our bases 		
Global citizens' activities	<ul style="list-style-type: none"> • Help to plan volunteer activities and encourage employees to volunteer in local community environmental projects • Promote reforestation activities at Hitachi High-Tech Yasato Forest as part of our policy for the conservation of biodiversity 		

* Final disposal rate of less than 0.5%