

Realizing a Sustainable Society For the Global Environment

Caring for the environment in the office

← P5 CSR Policy ⑤

● Eco-management activity

The Hitachi Chemical Group utilizes the environmental management system at the Head Office and other business sites, and promotes environmental activities.

In the sales division, for example, we are expanding sales of eco-friendly products and actively undertaking such measures as relaying customer requests for environmental consideration to the development division.

As for the Head Office, various environmental measures have been taken by each administrative department based on one or more themes that the departments themselves set. One of the efforts by the R&D department was the establishment of a system for

evaluating environmental impact from the initial stage of new product development.

● Green procurement of office equipment

The Hitachi Chemical Group undertakes green procurement of office equipment, which places priority on purchasing products with the Eco Mark or those that comply with the Green Procurement Law. In 2006, the ratio of green procurement* was 53% on a non-consolidated basis and 56% on a consolidated basis.

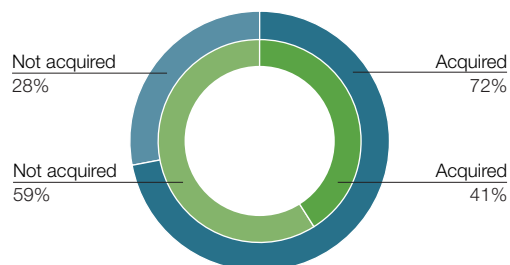
Furthermore, Hitachi Chemical utilizes the “e-sourcing” of electronic ordering and purchasing system to raise the efficiency of its green procurement by centralizing control over purchasing for the entire company.

* Ratio of green procurement: amount of green procurement / total amount of procurement

Ratio of ISO 14001 certified sites

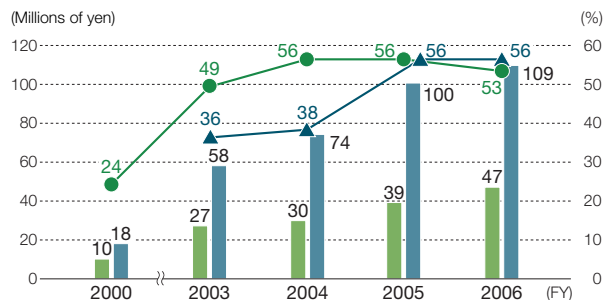
(as of March 31, 2007)

■ All business sites of the Group ■ Non-manufacturing sites



Amount and ratio of green procurement of office equipment

Non-consolidated ■ Amount ● Ratio
Consolidated ■ Amount ▲ Ratio



Energy-saving activity using vines expands to the entire group

In 2006, the Hitachi Chemical Group implemented the Green Curtain Project, which had been proposed by employees, as part of our “Team Minus 6%” activities.

The project involves covering the windows and walls of buildings with vines to prevent room temperatures from rising and thus cutting down on the use of air conditioning. In 2005, Namie Hitachi Chemical Co., Ltd. used these plants on an experimental basis and succeeded in reducing

summer electricity consumption by 20% compared with the previous summer. The effort was expanded in 2006 to seven buildings throughout the Group.

We plan to continue this activity and apply it to more buildings in 2007.

Details of the Green Curtain Project can be found on our website.

URL

<http://www.hitachi-chem.co.jp/english/csr/environment/greencurtain.html>



Green Curtain Project at Namie Hitachi Chemical Co., Ltd.

Hitachi Chemical Group Environmental Conservation Action Plan for Fiscal 2007

Category		Long-term target			FY2006			Target for FY2007	Relevant pages	
		Indicator	Target value	Target FY	Target value	Results	Rating			
Eco-mind and global environmental management	Promotion of environmental management	Hitachi Chemical and its Group companies will promote Group-wide management of environmental conservation activities, including overseas companies. As a chemicals company, we will also continue activities for reducing the impact on the global environment, enhance the level of control over chemical substances and expand environment-friendly products to strengthen our environmental management and fulfill our social responsibility.							P27	
	Enhancement of environmental management	Compliance with the Hitachi Group Integrated Environmental Management System	Obtain certification	2006	Obtain certification	Obtain certification	○	Continued	P27	
	Promotion of GREEN 21 activities	Promotion of environmental activities through enhanced GP	1,280 GP	2010	768 GP	876 GP	○	896 GP	P27	
Next generation products and services	Expansion of green products	Ratio of green product sales	85% or more	2010	80% or more	83%	○	83% or more	P29	
	Enhancement of environmental efficiency	Global warming factor	Improve by at least 20% (one representative product)	2010	Apply to more products	Verified 4 products Group-wide	○	· At least 10% · Conduct test on one product per division	P29	
		Resource factor	Improve by at least 20% (one representative product)	2010	Apply to more products	Verified 4 products Group-wide	○	· At least 10% · Conduct test on one product per division	P29	
	Risk control over chemical substances contained in products	Appropriate response to regulatory trends	Clarify responsibilities		2008	Reinforce information support	Support Committee, Working Group	○	Planning	P14-16
		Research on content and application of chemical substances contained in products	All products		2008 (1st)	Confirm status	· Identify issues · Consider action	○	Start supply chain research	P14-16
		Compliance with REACH regulations (registration of regulated substances)	Primary registration completed		2010	Test compilation of chemical product safety report	Apply to single product, pinpoint issues	○	Determine targets for preliminary registration, prepare to register	P14-16
		Compliance with REACH regulations (reporting of substances of very high concern to articles contained)	Report submitted		2010	Confirm status	· Identify issues · Consider action	○	Start plans for researching need for alternative technology	P14-16
High-standard eco-factories and offices	Prevention of global warming	CO ₂ emissions (compared to FY1990)	93% or less	2010	93% or less	91%	○	88% or less	P32	
		CO ₂ unit requirement index (domestic; compared to FY1990)	75% or less	2010	80% or less	80%	○	79% or less	P32	
		Reduction of CO ₂ emissions during transportation (energy consumed per actual unit sales; compared to FY2006)	4% or more	2010	Collect data and establish promotion system	Collect data and establish promotion system	○	1% or more	P34	
	Reduction of wastes	Promotion of zero emission activities	All domestic sites compliant		2006	All domestic sites compliant	All domestic sites compliant	○	Continued	P33
		Amount of waste (compared to FY2000)	75% or less	2010	96% or less	78%	◎	79% or less	P33	
		Recycling rate	90% or more	2010	86% or more	88%	○	88% or more	P33	
Reduction of chemical substances during manufacturing	Amount of emissions into the atmosphere (domestic; compared to FY2000)	15% or less	2010	Non-consolidated: 15% or less/ Consolidated: 30% or less	Non-consolidated: 15% or less/ Consolidated: 20% or less	○	20% or less	P31		
	Amount of VOC emissions into the atmosphere (domestic; compared to FY2000)	15% or less	2010	Registration of target facilities	Registered	○	25% or less	P31		
Environmental collaboration with stakeholders	Promotion of environmental communication	Communication initiatives for each stakeholder · Communication via PR activities, websites, publication of sustainability reports and site reports, briefings with local residents							-	

Self-evaluation ◎ = Significantly above target; ○ = Above target; × = Below target