

Environmental Performance

Environmental Activities at Group Companies in Japan and around the World

On top of carrying out its environmental activities, Hino Motors strives to promote environmental conservation activities with all of its domestic and overseas affiliated companies, distributors and dealers. Activities focus on three main concepts: "ensuring that no legal violations or complaints occur", "minimizing environmental risks", and "enhancing environmental performance" .

Environmental Conservation Activities by Hino Motors Group's Domestic Affiliated Companies

Hino Motors has organized the Production Environment Council of Domestic Affiliated Companies, attended by 20 principal affiliated companies, with the aim of promoting environmental management activities. In its efforts to continuously promote environmental conservation activities, Hino Motors provides training to enhance the skills and capabilities of employees working on environmental conservation at consolidated subsidiaries, and establishes specific targets for each business unit.

In fiscal 2013, Hino Motors held two types of conferences for its affiliated companies in Japan in order to improve their respective capabilities and initiatives to lower environmental risks. One of the conferences included onsite interactive training and seminars, in which participants were retrained in environmental risk assessment methods and shared information on successful countermeasures for environmental risks occurring onsite. The second type of conference was an interactive group inspection conference allowing participants to jointly observe how the countermeasures are implemented and see the results of the new assessment methods. The conferences provided opportunities for members of these companies to interact and mutually improve their capabilities by teaching each other and learning from each other.



Production Environmental Council of Domestic Affiliated Companies



An interactive group inspection conference allowing participants



The conferences included onsite interactive training and seminars

Supplying the world's best cast metal from a beautiful factory

Located in the Tenjikuda Sasakino district of Fukushima City, Fukushima Prefecture, Fukushima Steel Works Co., Ltd.'s Azuma Factory has been planting flowerbeds on its premises since 2007 under the slogan, "Supplying the world's best cast metal from a beautiful factory." The factory has also become active in planting flowerbeds in the surrounding neighborhood with the involvement of local residents. As a result, the factory is now encircled by flowerbeds, which, together with the flowerbeds on its premises, cover about 860 square meters. With around 75% of all employees participating in planting the flowers, the activity has created a new image of steelworks.

This initiative not only entails maintaining the flowerbeds-participants but also collect fallen leaves around the plant to make leaf mulch, which is beneficial for enriching the soil. In recent years, the factory won an award of excellence at a national urban gardening contest in 2011, and the Governor's Prize at a gardening contest organized by Fukushima Prefecture in 2012 and An award from the president of Fukushima Minyu, a newspaper company in Fukushima Prefecture at a gardening contest organized by Fukushima Prefecture in 2013. Fukushima Steel has gained a very good reputation among community residents for its efforts to increase the flowerbeds surrounding the factory and make the local environment more beautiful in response to their requests.

During annual cherry blossom events, Hino Motors illuminates a beautiful cherry blossom viewing spot for local residents.

As it strives to make products that satisfy customers and to promote interaction with the local community, Fukushima Steel Works will continue its involvement in these flower-bed-making activities in the future.



Environmental Conservation Activities by Hino Motors Group's Domestic Dealers

As a part of its overall environmental protection activities, Hino Motors distributes its Dealer Environmental Guidelines to all 42 dealers in Japan that have maintenance shops. The guidelines form a compilation of Hino Motors' own environmental management requirements. Dealers and their facilities, which are judged to be implementing all of the requirements identified under the guidelines as determined after a compliance audit, are certified by Hino Motors as Eco-Management Dealers (EMD). In 2013, among a total of 221 facilities operated by the aforementioned dealers, 216 facilities, or 98% facilities, received Eco-Management Dealers certification; 37 dealers received certification for all of their facilities. Furthermore, three dealers acquired ISO 14001 certification.

■ Acquisition of ISO and EMD Certification by Hino Motors Group

Subject companies		FY2013 Performance		
		No. of subject companies	No. of ISO registered companies	No. of dealers with EMD certification at all facilities
Domestic	Affiliated companies	21	19	—
	Dealers	42	2	37
Overseas	Affiliated companies	10	8	—

Environmental Conservation Activities at Plants Overseas

As Hino Motors expands its production outside of Japan, it requests its overseas subsidiaries and affiliated companies engaged in manufacturing to promote environmental activities suitable for their circumstances.


Specifically, the manufacturing companies are requested to set numerical targets for various kinds of emissions that may impact the environment, steadily reduce their environmental load by managing their progress, and establish environmental management systems to acquire ISO 14001 certification.






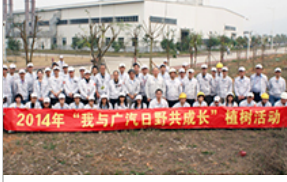
Furthermore, overseas subsidiaries and affiliated companies engaged in manufacturing are subject to group-wide goals, for which they must confirm their progress at Production Environment Council meetings twice each year. In addition, Hino Motors held an environmental conference in fiscal 2013 for representatives of all of its plants outside Japan for the purpose of group training. The participants shared examples of successful initiatives taken at each plant and discussed ways to further reduce environmental load.



Global and Environmental Council

■ List of Activities Outside Japan

Company name (Country)	Type of activity	Activity details and results	Period of implementation	
Hino Motors Manufacturing U.S.A., Inc. (U.S.A)	Cleaning	Cleanup activities were held along the Ohio River near HMM.	2013/6	
	Cleaning	Cleanup activities were carried out in the area surrounding HMM.	2013/6	
	Volunteer activity	Used mobile phones were collected from employees for recycling in USA	2013/6	
	Awareness campaign	Global Environment Month T-shirts were distributed to employees as part of an awareness campaign.	2013/6	
Hino Motors Canada, Ltd. (Canada)	Awareness campaign & Education	Environmental classes and training on environmental management systems were held in-house.	Three times a year	
Hino Motors Manufacturing Ltd. (Thailand)	Cleaning	Cleanup activities were carried out in the area surrounding HMMT.	2013/7	
Hino Motors Vietnam, Ltd. (Vietnam)	Cleaning	Cleanup activities were carried out by all employees.	2013/6	

HinoPak Motors, Ltd. (Pakistan)	Tree planting	A tree-planting event was led by members of top managements.	2013/6	
	Cleaning	A cleanup event was held in collaboration with local students. 1,000 kilograms of garbage was collected.	2013/6	
	Awareness campaign	Eco-bags were produced and distributed to employees' families as a way of encouraging less use of polyethylene plastic shopping bags.	2013/6	
P.T. Hino Motors Manufacturing Indonesia (Indonesia)	Renewable energy	Cattle dung was used to generate renewable energy as a fuel for lighting. Waste matter was also used for fertilizer by farmers.	2013/6	
Hino Motors Manufacturing Mexico, S.A. De C.V. (Mexico)	Awareness campaign & Education	Environmental training was provided to all employees.	2013/6	
GAC Hino Motors Co., Ltd. (China)	Tree planting	Trees were planted at the company's site	2014/3	

Main Environmental Data for Hino Group Plants in Fiscal 2013

■ CO₂emissions

(Unit: thousands of tons)

	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
Hino Motors	183	178	198	207	215	218
Domestic affiliated production companies	102	81	102	111	106	106
Overseas affiliated production companies	48	49	63	59	75	71

■ Waste emissions

(Unit: tons)

	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
Hino Motors	45,815	38,649	47,313	54,972	57,511	52,236
Domestic affiliated production companies	56,271	34,911	45,960	52,619	51,559	51,416
Overseas affiliated production companies	19,277	18,186	21,905	20,143	26,357	26,650

Water usage(Unit: thousands of m³)

	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
Hino Motors	1,880	1,678	1,971	1,996	2,104	2,074
Domestic affiliated production companies	1,368	1,004	1,133	1,130	1,180	1,106
Overseas affiliated production companies	447	413	506	499	547	543