

Corporate Information	Top Message	The HINO Credo & Course of Action	Realizing a Sustainable World	Environmental Management	Hino's Strategies and Initiatives and the Sustainable Development Goals (SDGs)	CSR Management	Topic	ESG Initiatives			
								Environment	Social	Governance	ESG data and others

Environmental Initiative Plan (5-year action plan) 2020 Environment Initiative Plan 2025 Environmental Initiative Plan
[Six Challenges \(Initiatives\)](#) Compliance Environmental Management Various Environmental Data Other Activities



CHALLENGE! 5 Challenge of Achieving Zero Waste

Recycling Initiatives at Production Plants Zero waste

Hino Motors is also working to reduce waste as one activity targeting the Hino Environmental Challenge 2050, its long-term environmental vision. In recent years, Hino has thoroughly re-examined materials which it has not been able to recycle and is working to recycle them internally.

Major Initiatives

- Reducing the volume of wastewater treatment plant sludge
- Reducing the amount of sand used during molding
- Extending the life of waste liquid processing machinery by installing filtration filters
- Comprehensive implementation of waste separation rules

| Example | Waste separation training

Hino Motors Manufacturing Colombia, S. A. trains employees by using real waste so that they can gain a greater understanding of the types of waste.



Training

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Example | Activities to reduce plastic (1)

Given current societal issues, actions to eliminate plastic are underway in each country. Hino Motors Manufacturing (Thailand) Ltd. is spurring employees to take action under the slogan, "Say No to Plastic" by asking them to refuse shopping bags and refrain from using disposable cups and containers at mealtimes. To encourage the outcomes of these actions, the company is promoting the activities by giving away reusable shopping bags and reusable cups. In addition, ordinary actions that can be taken such as reducing plastic bags are being steadily fostered in each country as a part of efforts to get away from packaging.



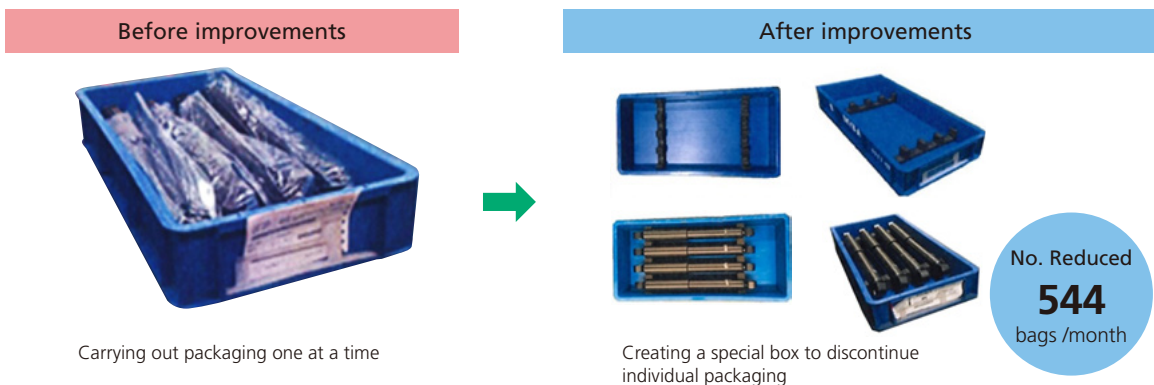
Taking action



Root Out Plastic Waste activity poster

Example | Activities to reduce plastic (2)

Hino Motors Manufacturing (Thailand) Ltd. has stopped plastic packaging for undercarriage components (shock absorbers) and is instead creating a special box as a part of efforts to get away from plastic packaging. Ordinary actions that can be taken are gradually being carried out.



VOICE



All employees work together to eliminate plastic

Plant Manager
 Hino Motors Manufacturing (Thailand) Ltd.
Paradorn Siripunt

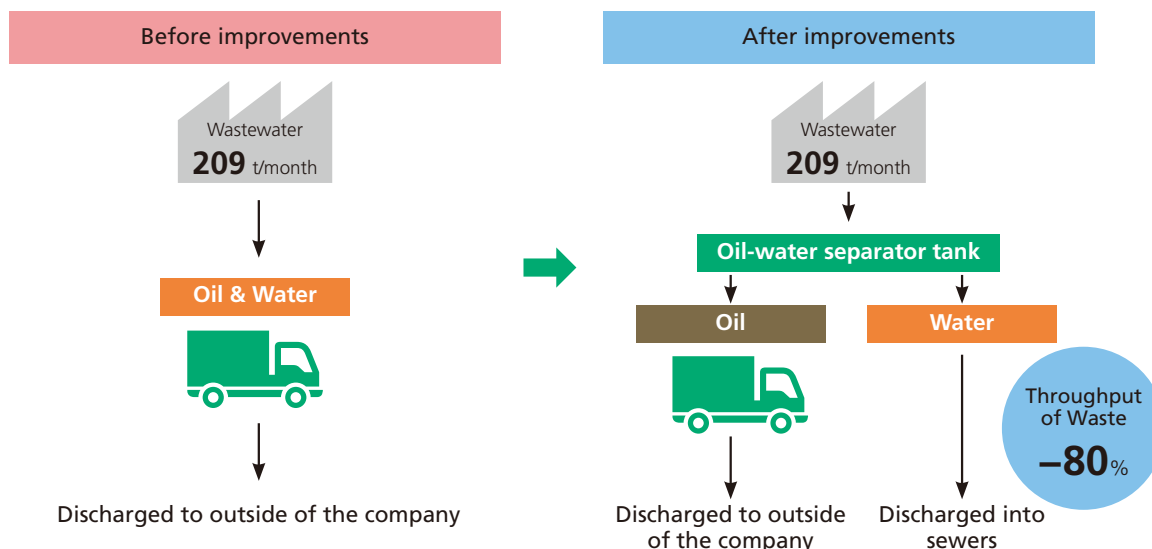
As a part of CSR activities, our employees and their families are partnering with local residents and various groups such as NPOs to carry out environmental conservation activities. Efforts were carried out in daily life together with all employees to combat the global issue of plastic under the slogan, "Say No to Plastic." As a leader in Thailand, we are striving to improve the global environment.

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Example | Reducing wastewater by installing an oil-water separator tank

Hino Motors Manufacturing U.S.A., Inc. disposes of wastewater containing oil that is discharged by the plant, but the installation of an oil-water separator tank enables oily water to be separated from wastewater, resulting in an 80% reduction in the annual quantity of waste treatment.



Design with Recycling in Mind

Zero waste

Newly manufactured vehicles

Since 1990, Hino Motors has been involved in product development and design initiatives with recycling in mind. It established a Voluntary Action Plan in 1998, listing specific values for recycling rates with the goal of enhancing recycling activities. In recent years the Company has also engaged in efforts to comply with regulations on environmentally hazardous substances by reducing them at an early stage.

Hino Motors has pursued the challenge of enhancing recyclability based on a variety of perspectives. These include adopting easily recyclable materials from the product development stage, using identification marking for materials, and preparing disassembly manuals.

Also, Hino Motors is endeavoring to gather information on chemical substances contained in all components and reducing them at an early stage in response to recent regulations on environmentally hazardous substances in and outside of Japan.

Environmental Activities at the Recycling Stage

Zero waste

Newly manufactured vehicles

To comply with the Automobile Recycling Law, which came into effect in Japan in 2005, Hino Motors has implemented a process of recovery, processing, and recycling of three materials designated by the law from end-of-life vehicles, namely automobile shredder residue (ASR), airbags, and chlorofluorocarbons (CFCs), with the help of a great many related businesses.

The ASR recycling ratio for fiscal 2020 was 95%, surpassing the legal standard of 70%. In addition, Hino Motors strives to promote eco-friendly manufacturing as early as the development stage by using recyclable materials and, where possible, easy-to-disassemble vehicle designs, thereby fostering the effective utilization of resources and contributing to the development of a recycling society.

Results of Recycling based on the Automobile Recycling Law (Japanese only)