

Realizing a Sustainable Society For the Global Environment

Reducing waste generation and wastes to landfills

P5 CSR Policy 5

Reducing waste generation and promoting recycling

2006 Result: **Waste generation: 78% of 2000 levels**
(Target: 96% or less)

Recycling rate: 88% (Target: 86% or above)

2007 Target: Waste generation: 79% or less of 2000 levels
Recycling rate: 88% or more

The Hitachi Chemical Group is actively working to limit the amount of waste generated and to recycle waste.

In 2006, we continued to convert to resource-conserving products and to develop resource-conserving production methods. As a result, waste generation totaled 38,200 tons on a non-consolidated basis and 85,800 tons on a consolidated basis, representing 74% and 78% of 2000 levels, respectively, thereby achieving the targets for 2006. Our recycling rate reached 99% on a non-consolidated basis and 88% on a consolidated basis.

The Waste Committee deliberates and exchanges information associated with the action plans of major business sites and Group companies to promote waste reduction and recycling. We have also embarked on a new activity for our major products: studying issues for converting to resource-recycling products using our own

analytical tools and setting research themes and promoting improvements in production technology.

Reducing wastes to landfills

The Hitachi Chemical Group has been promoting new production methods and recycling to reduce wastes to landfills. As a result of these activities, we achieved zero emissions*¹ at all 32 domestic sites in 2006. Generation of landfill wastes amounted to 1.4 tons on a non-consolidated basis and 1,627 tons on a consolidated basis (38 tons for domestic sites, on a consolidated basis), while the ratio of wastes to landfills*² was 0.0036% on a non-consolidated basis and 1.9% (0.130% in Japan) on a consolidated basis.

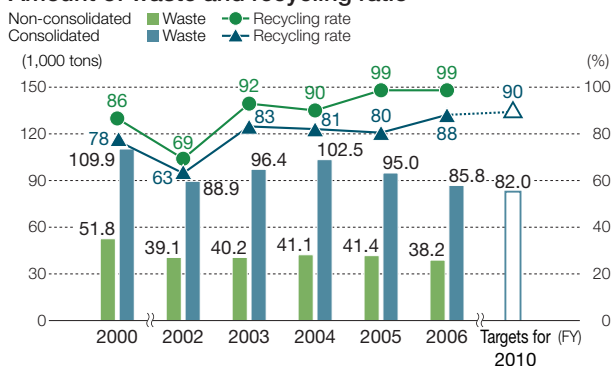
*¹ The Hitachi Chemical Group defines "zero emissions" as reducing the ratio of wastes to landfills to no more than 1% and less than 5 tons in volume.

*² Ratio of wastes to landfills: amount of wastes to landfills / wastes generated.

Promoting recycling in overseas Group companies

Since overseas Group companies have been behind their counterparts in Japan in recycling efforts, we held meetings in 2006 to exchange information on the actual situation of waste disposal in Group companies in Southeast Asia and China. While the infrastructure for recycling tends to be particularly malstructured overseas, we will promote recycling by designating disposal as a top priority and by encouraging Group companies in the region to share information with one another.

Amount of waste and recycling ratio



The Hitachi Chemical Group compiles data on all materials that become useless at our business sites and are consequently disposed of as waste, sold as valuable resources, transferred for a price or at no cost, or effectively reused within the Group (excluding reuse during the production process).

Wastes to landfills and their ratio

