

EBARA Group's Environmental targets and results of activities in 2008

To implement the "Environmental Conservation and Us" laid down in the EBARA Group's Code of Conduct, the individual companies and districts of the EBARA Group set targets and have been working for the accomplishment of the EBARA Group targets (2010) .

EBARA Group's activity standards

Aiming to become a top contender in environmental engineering and contributing to realizing a sustainable society

EBARA Group targets (2010)	Results of activities achieved in 2008 (related pages in this report)
■ Environmental conservation activities in daily work	
<ul style="list-style-type: none"> Establish self-induced standards regarding the prevention of issues such as water pollution and air pollution for the individual districts and carry out environmental conservation and pollution prevention activities. 	Pollution prevention activities implemented at the respective districts and all standards satisfied.
<ul style="list-style-type: none"> Prioritize material recycling over thermal recycling. Achieve a waste material recycling rate of at least 95 percent. Achieve less than 3 percent of the final landfill disposal rate of waste. 	Target achieved with a material recycling rate of 95.0 percent. Target unachieved with a final landfill disposal rate of waste of 3.5 percent (page 41) .
<ul style="list-style-type: none"> Reduce greenhouse gas emissions by 10 percent from the 2000 level on a CO₂ emissions conversion basis. Set the basic unit target at offices/districts for reduction. 	Target unachieved with a reduction of 6.6 percent from 2007 but an increase of 3.6 percent from the 2000 level (page 41) .
<ul style="list-style-type: none"> Reduce the CO₂ emissions from product transportation by means of modal shift, etc. Increase the percentage of low-emission cars used as company vehicles of the Group (including billboard vehicles) to at least 90 percent. 	Reduction of 19 percent from the 2007 level. Target unachieved with a rate of 73 percent.
<ul style="list-style-type: none"> Reduce the amount of drinking water, industrial water and groundwater consumption by 10 percent from the 2000 level. 	Target achieved with a reduction of 21 percent from the 2000 level.
<ul style="list-style-type: none"> Introduce and implement an environmental audit of construction work system at the individual Group companies. 	Has been introduced at Ebara Hamada Blower Co., Ltd.
<ul style="list-style-type: none"> Reduce the emissions of chemicals subject to the PRTR Law by 20 percent from the 2000 level. 	Target unachieved with a reduction of 8.5 percent from the 2000 level (page 41) .
<ul style="list-style-type: none"> Reduce the emissions of chemicals such as toluene, xylene, and dichloromethane by 30 percent from the 2000 level. 	Target unachieved with a reduction of 10.9 percent from the 2000 level (page 41) .
■ Contribution to environmental conservation in business activities	
<ul style="list-style-type: none"> Set standards for substances to be prohibited, reduced and managed that are contained in products and work on their achievement. 	Standards in the process of being formulated in each company.
<ul style="list-style-type: none"> Set design standards for the environment and work on their achievement. 	Standards in the process of being formulated in each company based on the design guidelines for the environment.
<ul style="list-style-type: none"> Set green procurement standards and work on their achievement. http://www.ebara.co.jp/csr/management/green_procure.html 	The EBARA Group Green Procurement Guideline published online. Standards in the process of being formulated in each company.
■ Approach to environmental management	
<ul style="list-style-type: none"> Standardize the operation of the environmental management system across the EBARA Group. 	Consolidation of the existing Shinagawa and Haneda offices in progress on the occasion of the completion of the Haneda head office building.
<ul style="list-style-type: none"> Build an environmental information system shared across the EBARA Group. Collect and consolidate environmental data across the EBARA Group. 	An environmental information collection and aggregation system introduced in 2006.
<ul style="list-style-type: none"> Hold regular EBARA Group environmental meetings. 	Held on January 29, 2009.
<ul style="list-style-type: none"> EBARA must hold managerial level environmental education sessions for the Group companies. 	Held on December 3, 2008. To be held as part of the CSR education.
<ul style="list-style-type: none"> Disseminate the EBARA Group environmental information outside via the EBARA Group CSR report and website. 	EBARA Group CSR Report 2008 issued. Also published on the website. http://www.ebara.co.jp/en/csr/csr/2008/
<ul style="list-style-type: none"> Hold stakeholder meetings. 	Under consideration (not held in 2008)

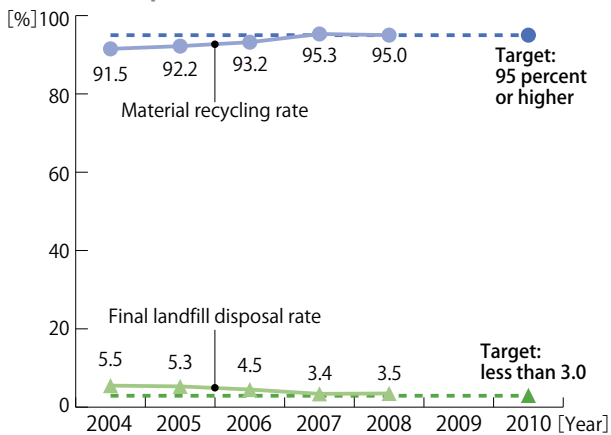


Rodríguez Sanchez Victoria (age: 7)

Environmental data

Organization subject to achievement of the EBARA Group Targets and the environmental data is set to be EBARA and domestic EBARA Group consolidated companies.*1

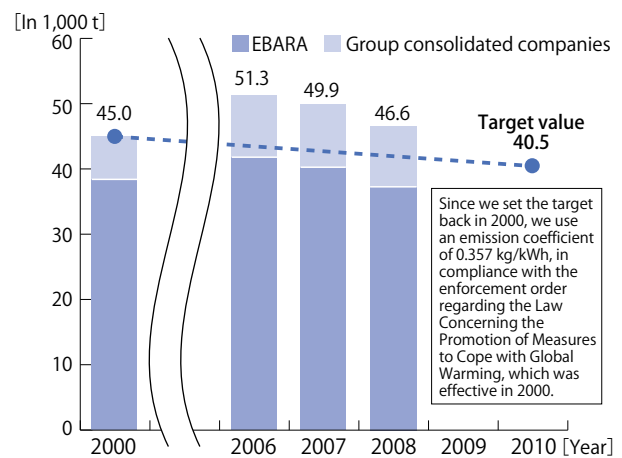
Change in material recycling rate and the final landfill disposal rate



- ◆ Material recycling rate:

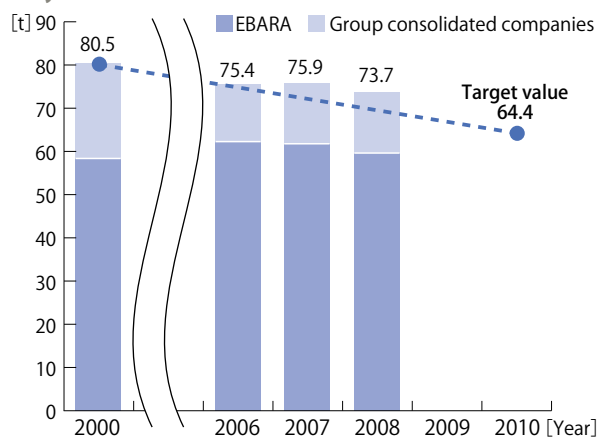
$$\left[\frac{\text{Material recycling amount}}{\text{Material recycling amount} + \text{Final landfill disposal amount}} \right] \times 100\%$$
- ◆ Final landfill rate: $(\text{Final landfill disposal amount} \div \text{waste amount}) \times 100\%$
- ◆ Final landfill disposal amount: Includes the amount of untreated waste directly landfilled and the amount of residue landfilled without being reused after intermediate treatment.

Change in CO₂ emissions (Electric power and fuel-derived)



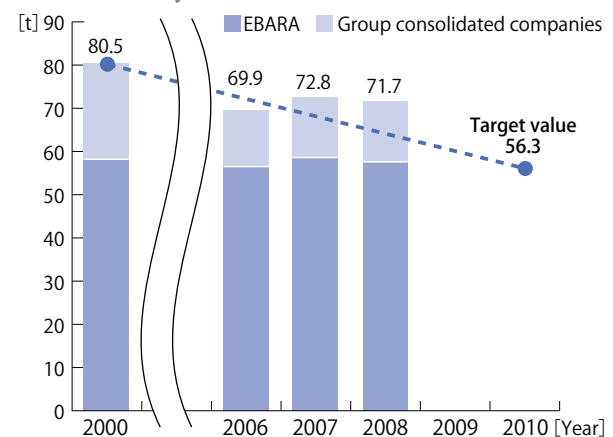
- In 2008, we reduced the CO₂ emissions by 6 percent compared with the figure for 2007 through daily energy saving activities such as the use of an electricity monitoring system.
- In 2008, the roof of the Fujisawa District plant building was coated with heat insulating paint and lighting facilities at districts were replaced with energy-saving products. Even further energy saving effects can be expected in the future.
- At the EBARA Futtsu District, with environmental measures implemented, the building was completed in April 2009 and the relocation of the production facilities from Haneda Plant is scheduled for completion by September 2010.

Change in emissions of substances controlled by the PRTR Law



- ◆ PRTR Law: A law to promote improvement in determining and managing the amount of specific chemical substances discharged into the environment.
- ◆ Discharge amount: The amount discharged into the environment such as into the air, water and the soil.

Change in emissions of VOC out of substances controlled by the PRTR Law



- ◆ VOC: Volatile Organic Compounds

*1 [Group consolidated companies] Seventeen organizations including organization Nos. 1 to 14 in the "List of EBARA Group ISO14001 registered organizations" on page 43, EBARA-Byron Jackson, Ltd.; EBARA KIDEN CO., LTD.; Nissetsu Co., Ltd.; and EBARA Shonan Sports Center Inc.