



Environmental data

In 2006, Domestic EBARA Group companies, as well as non-consolidated companies had been delegated the task of actualizing medium- and long-term environmental visions, while ISO14001 registered establishments had been set as subject to minimizing environmental impact. In 2007, EBARA and domestic consolidated subsidiaries*1 were given the task of achieving the EBARA Group goal for 2010. This CSR Report shows numerical data and target values, excluding those of nonconsolidated companies (Clean System Corporation; Chubu Recycle Co., Ltd.; and J-TEAM Co., Ltd.) which had been shown in previous Environmental Reports (up to 2007).

Data on wastewater discharge in 2007 (Specific plants and facilities, designated as subject to the Water Pollution Prevention law, which discharge of wastewater into rivers, seas and public waterways)

Unit: kg Figures in parentheses show data for 2006.

		Amount of BOD discharged	Amount of COD discharged	Amount of nitrogen discharged	Amount of phosphorus discharged	Remarks
EBARA	Fujisawa District	208 (184)	243 (186)	1,787 (1,341)	27 (13)	Discharged into the Hikiji River.
	Sodegaura District	- (-)	76 (59)	156 (177)	5 (4)	Discharged into Tokyo Bay. The amount of phosphorus discharged in 2006 has been amended.
	Suzuka District	7 (3)	9 (10)	4 (9)	5 (0)	Discharged into agricultural irrigation canals.
EBARA Engineering Service Co., Ltd., Sodegaura Chemicals Manufacturing Plant		- (-)	70 (79)	73 (128)	3 (1)	Discharged into Tokyo Bay.
EBARA Material Co., Ltd		- (-)	19 (21)	11 (7)	0 (0)	Discharged into Imai Canal Conduct analyses and measurement based on a bilateral agreement with Sodegaura City.

*Comply with the wastewater standards. BOD:Biochemical Oxygen Demand COD:Chemical Oxygen Demand

Data on air pollution substances emitted in 2007 (By specific plants and facilities designated in the Air Pollution Control Law)

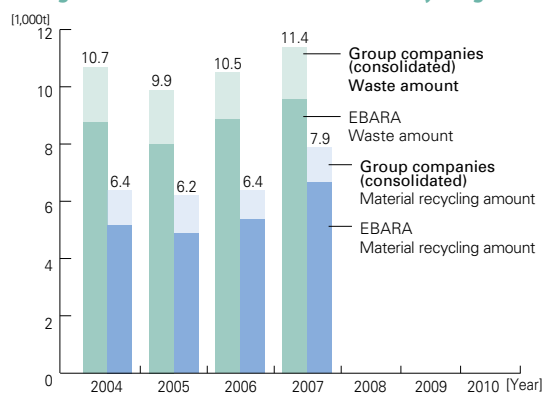
Unit: kg Figures in parentheses show data for 2006.

		NOx emissions	SOx emissions	Dust emissions	Remarks
EBARA	Fujisawa District	27,170 (25,503)	894 (813)	978 (1,133)	Power generation plant for selling electric power
	Sodegaura District	1,841 (1,892)	0 (46)	0 (68)	The second power generation plant discontinued operations as of April 1, 2007. Accordingly, there are no longer any emissions of SOx and dust.
EBARA Material Co., Ltd		0 (0)	0 (0)	0 (0)	Iron melting furnace Pollutants are not detected because of the electric heat source.

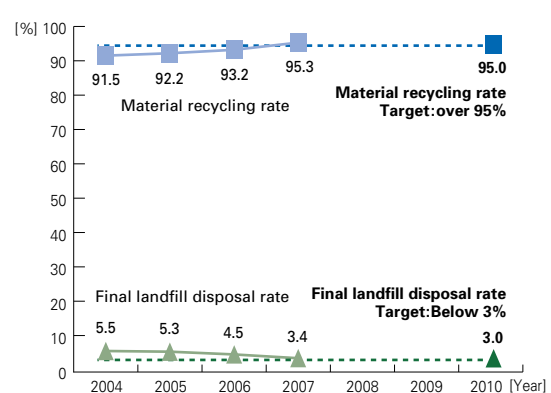
* In compliance with the standards stipulated in the Air Pollution Control Law. * EBARA Fujisawa District includes emissions from the power generation plant for selling electric power.

Waste

Change in waste amount and material recycling amount



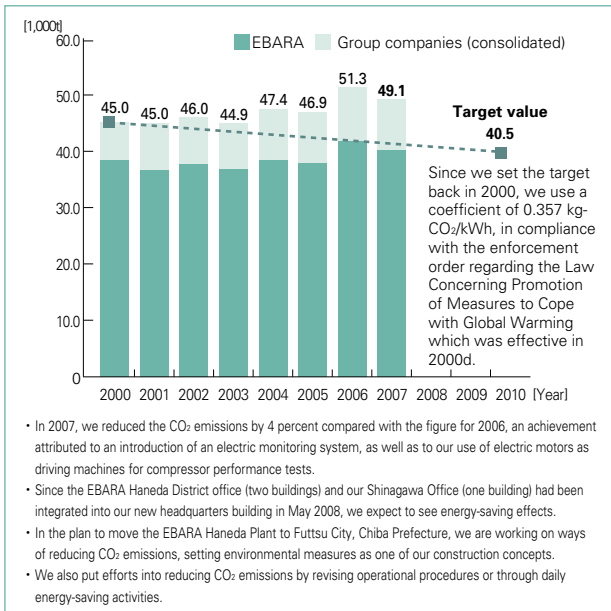
Change in material recycling rate and the final landfill disposal rate



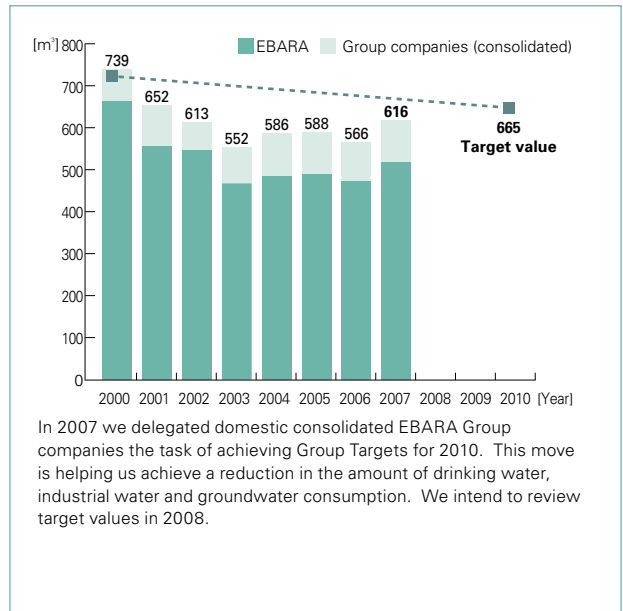
- Waste: Waste generated from the EBARA Group's business activities, the treatment of which is outsourced to external vendors (including treatment for waste reuse and resource recovery). However, sludge from treatment tanks and medical waste are excluded.
- Material recycling amount: The amount of waste materials which external vendors are commissioned to treat for resource recovery and reuse. However, incineration heat recovery is excluded.
- Material recycling rate: $[\text{Material recycling amount} \div (\text{Material recycling amount} + \text{Final landfill disposal amount})] \times 100\%$
- We raised the target of the material recycling to 95% in 2007 because we have achieved over 90% since 2004.
- Final landfill disposal amount: The amount of untreated waste directly landfilled and the amount of residue landfilled without being reused or having resources recovered after intermediate treatment
- Final landfill rate: $(\text{Final landfill disposal amount} \div \text{waste amount}) \times 100\%$
- For the final landfill disposal rate, we make efforts to achieve the target while considering the treatment cost.



Change in CO₂ emissions (Power generation and fuel-derived)

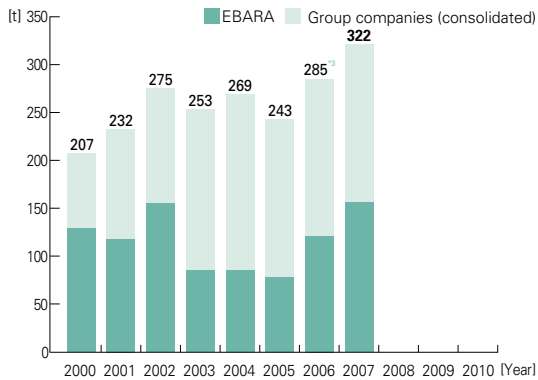


Transitions in the amount of drinking water, industrial water and groundwater consumption

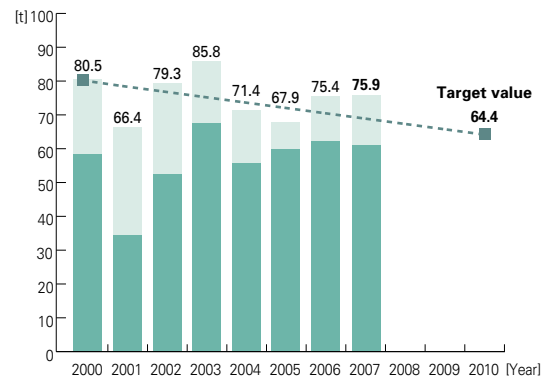


Substances controlled by the PRTR law*2

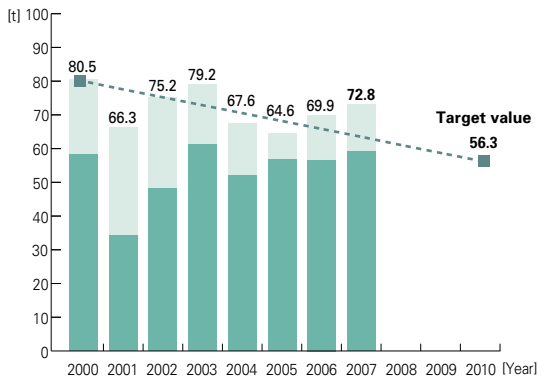
Transitions in the treated amount



Transitions in the discharge amount



Transitions in the VOC discharge amount out of the total discharge amount



- The treated amount of substances controlled by the PRTR Law has increased since 2006 owing to the business expansion or the group's Precision Machinery Company.
- Viewing the amount of VOC discharged, it is indicated that most of it relates to toluene and xylene used in product plating and cleaning processes by Fluid Machinery & Systems Company. We are now considering an improvement in plating and cleaning processes.
- Values in 2000 and 2001 include estimates by some Group companies.
- Treated amount: The used amount of Class 1 chemicals designated by the PRTR Law (including Special Class 1 chemicals designated).
- Discharge amount: The amount discharged into the environment such as into the air, water and the soil.
- VOC: Volatile Organic Compounds

*1 Eighteen organizations including Nos. 1 to 4 of those on the "ISO14001 registered organization list" on page 43, EBARA-Byron Jackson, Ltd.; EBARA KIDEN CO., LTD.; Nissetsu Co., Ltd.; and EBARA Shonan Sports Center Inc.

*2 [PRTR Law] A law to promote improvement in determining and managing the amount of specific chemical substances discharged into the environment.

*3 [285] The allocation between EBARA and the Group companies was modified. (The total amount does not change.)