

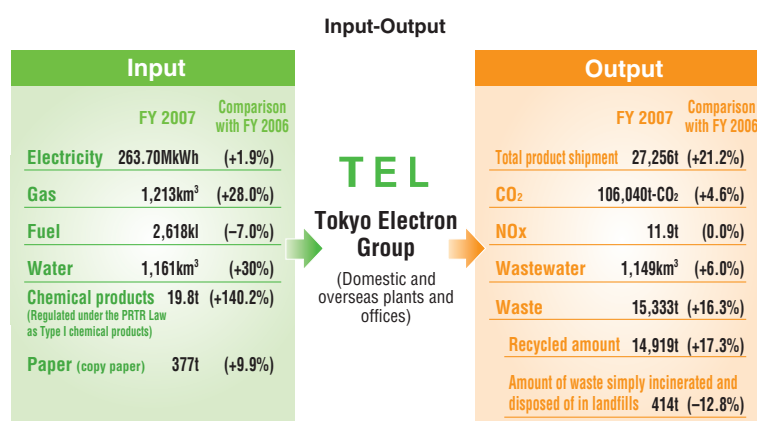
# Details of Environmental Impact/Environmental Accounting

We fully understand the details of the environmental impact caused by our business operations and obtain accurate environmental accounting data for use in our business management.

## Details of Total Environmental Impact

The right figures show the material flow at the Tokyo Electron Group's manufacturing plants and offices.

The Group causes environmental impact mainly in the process of evaluating its products. This is because we evaluate our products using electricity and a range of gases and chemicals to simulate the actual semiconductor manufacturing process.



## Environmental Accounting

Scope: Major plants and offices in Japan (in Sapporo, Tohoku, Miyagi, Akasaka, Fuchu, Yokohama, Sagami, Hosaka, Fujii, Amagasaki, Osaka, Saga, Kumamoto, Koshi, and Ozu)

Period covered: April 1, 2006 to March 31, 2007

We conduct environmental accounting according to *Environmental Accounting Guidelines 2002* and *Environmental Accounting Guidebook II* issued by the Japanese Ministry of the Environment.

### Environmental Protection Costs in FY 2007

(Thousands of yen)

Item	Main initiatives	Capital investment	Expense
1. Business area cost		493,584	758,590
Itemization			
1.1 Pollution prevention costs	Prevention of air pollution, water pollution, soil pollution, etc.	181,372	280,289
1.2 Global environmental costs	Prevention of global warming, protection of the ozone layer, etc.	153,902	52,703
1.3 Resource circulation costs	Efficient use of resources, reduction of waste, etc.	158,310	425,598
2. Upstream/downstream costs	Green purchasing, green procurement, etc.	5,538	106,433
3. Management activity costs	Environmental education, monitoring and measurement of environmental impact, etc.	28,214	212,988
4. Research and development costs	Product R&D, etc.	0	1,839,174
5. Social activity costs	Tree planting and vegetation, supporting of local environmental activities, information disclosure, etc.	0	52,012
6. Environmental damage costs	Repairing of damage to the natural environment, etc.	0	0
7. Other costs	Other	0	0
<b>Total</b>		<b>527,336</b>	<b>2,969,197</b>

### Economic Benefits of Environmental Protection Activities in FY 2007

(Thousands of yen)

Classification of environmental costs	Details	Amount
• Benefits related to electricity and other energy	Reduced electricity usage (e.g. benefits from adopting an inverter system on refrigeration equipment)	7,070
• Water-related benefits	Reduced water usage (e.g. circulating of cooling water)	-3,801
• Paper-related benefits	Reduced paper usage (e.g. encouragement of duplex copying and use of electronic media)	-5,438
• Resource-related benefits	Reduced use of heavy oil and gas	-2,736
• Other benefits	Reduced use of liquid nitrogen and copying toners	7,095
• Waste-related benefits	Reduced waste volume	19,230
• Benefits related to release into waters and soil	Reduced release into the sewage system	83
<b>Total</b>		<b>21,503</b>