

Environmental, Safety and Health Activities

Tokyo Electron positions environmental, safety and health activities as one of its most important management issues to achieve both sustained corporate growth and a sustainable society. The Group is committed to reducing the environmental impact of all its activities, and to ensuring absolute safety in the Company's facilities and in those of its customers.

■ Environmental Activities

Tokyo Electron's New Environment Vision

The Tokyo Electron Group has pursued activities at customers' factories, as well as within the Group itself, with the aim of reducing environmental impacts by 50% over the baseline year of fiscal 2008 by the end of fiscal 2015. Because this goal was forecast to be achieved ahead of schedule, in September 2012, we established a new Environment Vision and set new environmental goals to expand our scope of activities by making our efforts more multifaceted.

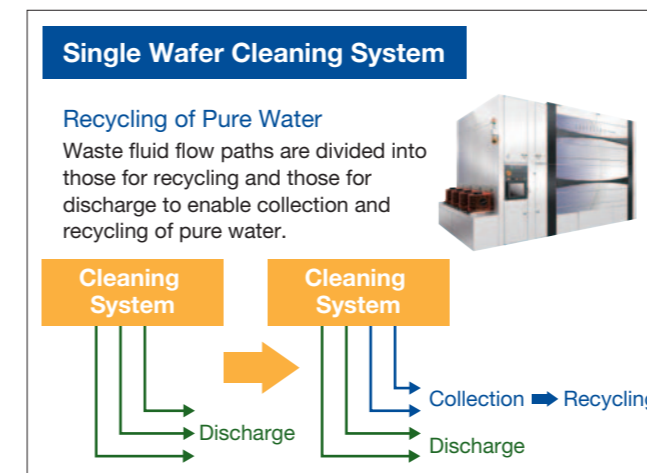
New Goals based on the New Environment Vision

With the adoption of the new Environment Vision, we have set new environmental goals in the four areas of products, plants and offices, procurement and logistics, and environmental management. In products, we are aiming to reduce the power consumption of major models of each business unit by 50% and promote the environmental compliance of products. In plants and offices, we aim to reduce energy and water consumption, and promote the recycling of waste.

In procurement and logistics, we are promoting green procurement and modal shifts. In environmental management, we will continue to obtain ISO 14001 certification for the Group's plants, implement environmental education, and begin activities to protect biodiversity, among other environmental activities.



Example of efforts to reduce products' environmental impact



Results of the Fiscal 2013 Environmental Goals

The results of the first year under the new Environment Vision and environmental goals are as follows.

I. Products

- Reducing environmental impact
Against the goal of reducing power consumption of the major models in each SPE business unit by 50% from the fiscal 2008 levels by the end of fiscal 2015, a 30% reduction in power consumption was achieved for all such models.
- Product environmental compliance
In addition to activities to reduce the use of hazardous substances*, Tokyo Electron continued to assure compliance with environmental regulations.

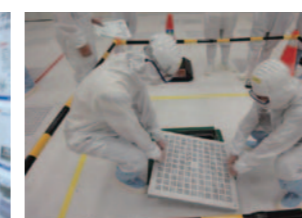
*In Japan, substances regulated in the Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc., the Industrial Safety and Health Act, and the Poisonous and Deleterious Substances Control Act. Outside Japan, substances regulated by RoHS, REACH, etc.

II. Plants and Offices

- Reducing energy use by 1% on a per-unit basis in each area
Of the six domestic plants and offices that set goals for crude oil equivalent energy use reduction, five achieved their goals. The overall amount of energy used was reduced by 6% from the previous year.
The Company's CO₂ emissions as defined by scope 1 and scope 2 of the GHG Protocol were 141,007 tons.
- Reducing water use (maintain a per-unit basis in each area)
Of the six categories of goals (city water, industrial water, etc.)



Technology Symposium



Practical safety training in a clean room

set by the six domestic plants and offices, the goals of five categories were achieved. The overall amount of water used was reduced by 6.4% from the previous year.

- Recycling of waste
Domestic plants and offices achieved the goal of recycling 97% or more of waste.

III. Other

- Tokyo Electron revised green procurement guidelines, conducted web-based environmental training, and established guidelines concerning biodiversity.

In fiscal 2014, these activities will be expanded to Group companies overseas to continuously promote improvement activities.

■ Safety and Health Activities

Tokyo Electron gives top priority to the safety and health not only to our employees but also our customers and partner companies and conducts various safety activities. The Company promotes safety and health in all of its operations, including designing products with an emphasis on safety and factories with consideration for the environment.

In fiscal 2013, Tokyo Electron reduced the number of workplace accidents by 20% compared with the previous year. Tokyo Electron also carried out activities in line with its important goal of preventing accidents that could lead to serious injuries. As a result, the number of such accidents was maintained at the same low level as fiscal 2012, half that of fiscal 2011. The Company tenaciously continued to implement accident prevention measures such as prior checks of clean rooms before installing equipment, on-site risk prediction activities, safety patrols, and safety education for workers based on accident case studies.

In 2013, Tokyo Electron will mark the 50th year of its founding. The Company will take this chance to once again return to the starting point of Group's "Safety First" policy, working to foster safety culture, with the entire Company united in preventing workplace accidents and disasters.

For further details, see the "Tokyo Electron Environmental and Social Report 2013" (to be published in September 2013).

Tokyo Electron's Environmental Activities
<http://www.tel.com/environment/enviro/product/index.htm>

Tokyo Electron's Safety and Health Activities
http://www.tel.com/environment/stakeholder/health_safety/index.htm



	Action	Medium- to long-term goals
Products	Reduction of environmental impact	Reduce power consumption of major models of each SPE business unit by 50% from the fiscal 2008 levels by the end of fiscal 2015
	Compatibility with Chinese RoHS	Continue to ensure product compatibility with the Chinese labeling standard
	Compliance with environmental regulations of each country	Continue to ensure product compliance with the EU's Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) framework as well as with labeling requirements based on the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and battery regulations of each country
	Voluntary standard based on the EU's RoHS	Continue to ensure that major models of each SPE business unit contain 98.5% or more parts that meet the EU's Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)
Plants and offices	Promotion of energy conservation	Reduce energy use by 1% on a per-unit basis from the fiscal 2012 level (Evaluate in a comprehensive manner based on a per-unit standard appropriate to the situation of each plant and office)
	Reduction of water consumption	Maintain the fiscal 2012 level (Evaluate in a comprehensive manner based on a per-unit standard appropriate to the situation of each plant)
	Recycling of waste	<ul style="list-style-type: none"> • Maintain a recycling rate of 97% or more • Continue to achieve zero emissions
Procurement and logistics	Green procurement	<ul style="list-style-type: none"> • Continue to implement strict control over the use of chemical substances in equipment • Strengthen the link with suppliers' environmental management systems
	Reduction of environmental impact of logistics	<ul style="list-style-type: none"> • Promote a modal shift • Continue monitoring
Environmental management	Environmental management system	Continue to obtain ISO 14001 certification for the Group's plants
	Environmental education	Implement throughout the Group
	Environmental communication	Continue to publish and enhance Environmental and Social Reports
	Biodiversity	Start activities from fiscal 2014 upon investigation and examination