

Environmental Goals: Progress and Results



Based on the Environment Vision specified in fiscal 2013, the Tokyo Electron Group has set environmental goals in the four areas of products, procurement and logistics, plants and offices, and environmental management. Because we expanded the scope of our environmental activities by making our efforts more multifaceted, we succeeded in achieving most of the goals in fiscal 2013. We will continue to make improvement efforts and spread them to overseas locations.

Products

Steadily making progress toward 50% reduction in environmental impact of products and compliance with regulations of each country.

Introductory presentation on guidelines for control over the use of chemical substances in products



Reduction of environmental impact of products

Fiscal 2013 goal
Reduce power consumption of major models of each business unit by 30% over the fiscal 2008 level.

Results
Reduced power consumption of major models by 30%. (See p. 24–25 for details.)

Fiscal 2014 goal
Continue to make efforts to reduce energy consumption by 50% by fiscal 2015.

Compatibility with Chinese RoHS

Fiscal 2013 goal
Continue to ensure products' compatibility with the Chinese labeling standard.

Results
Ensured products' compatibility with the standard. (See p. 26 for details.)

Fiscal 2014 goal
Spread the activity to overseas production sites.

Compliance with environmental regulations of each country

Fiscal 2013 goal
Continue to ensure products' compliance with the EU's Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) framework as well as with labeling requirements based on the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and battery regulations of each country.

Results
Complied with regulations in each country. (See p. 26 for details.)

Fiscal 2014 goal
Enhance compliance systems in overseas locations.

Voluntary compatibility with the EU's RoHS

Fiscal 2013 goal
Continue to ensure that major models of each 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).

Results
Continued to ensure compatibility. (See p. 26 for details.)

Fiscal 2014 goal
Identify challenges for making continued efforts.



Procurement and logistics

Green procurement

Fiscal 2013 goal
Revise the lists of prohibited and restricted substances.

Results
Revised the list. (See p. 27 for details.)

Fiscal 2014 goal
Launch activities based on the revised guideline.

Promoting green procurement and modal shift with cooperation of stakeholders.

Reduction of environmental impact of logistics

Fiscal 2013 goal
Promote a modal shift. Continue monitoring.

Results
Continued the activity. (See p. 27 for details.)

Fiscal 2014 goal
Continue to ensure compliance.



Guideline for Green Procurement

Plants and offices

Enhancing efforts, both in and outside Japan, to achieve goals of saving energy, reducing water consumption and recycling waste.

Promotion of energy conservation

Fiscal 2013 goal
Reduce by 1% over the level of previous year.

Results
Achieved the goal at 80% of locations in Japan.
(See p. 28 for details.)

Fiscal 2014 goal
Spread the activity to overseas locations.

Reduction of water consumption

Fiscal 2013 goal
Maintain the fiscal 2012 level.

Results
Achieved the goal at 80% of locations in Japan.
(See p. 29 for details.)

Fiscal 2014 goal
Spread the activity to overseas locations.

Recycling of waste

Fiscal 2013 goals
Maintain a recycling rate of 97% or more.
Continue to achieve zero emissions.

Results
Achieved the goals. (See p. 30 for details.)

Fiscal 2014 goal
Spread the activity to overseas locations.



PV panels installed at Koshi Plant



Ecosystem tour

Environmental management

Carrying out environmental education and promoting biodiversity initiatives based on the environmental management system.

Environmental management system

Fiscal 2013 goal
Continue to obtain and maintain ISO14001 certification for the Group's plants.

Results
Continued to obtain and maintain certification.
(See p. 22 for details.)

Fiscal 2014 goal
Maintain certification.

Environmental education

Fiscal 2013 goal
Formulate and implement an education program (Japan only).

Results
Formulated and implemented the program in locations in Japan. (See p. 22 for details.)

Fiscal 2014 goal
Spread the activity to overseas locations.

Environmental communication

Fiscal 2013 goal
Continue to publish and enhance Environmental and Social Report.

Results
Published this report (Environmental and Social Report 2013) **with enhanced contents.**

Fiscal 2014 goal
Publish further enhanced Environmental and Social Report.

Conservation of biodiversity

Fiscal 2013 goal
Determine a policy and formulate a plan upon investigation and examination.

Results
Determined the concept and guidelines.
(See p. 23 for details.)

Fiscal 2014 goal
Carry out activities based on the concept and guidelines.