# **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**

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

**Compatibility with Chinese RoHS** 



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

## 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.

# 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.

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.

# 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.

# Techn for Ec

# **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.

## 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 Promoting green procurement and modal shift with cooperation of stakeholders.

Guideline for Green Procurement
In recent years, global environmental insum here reme under classe nerviny. The Tokyo Electron Oscop (TEL Or ) is readucting business operations toward global concervation and a minimiable nearby hand upon the TEL Or. Environmental Credu and non-miniskapy in Surovanemental Principles.
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We at TEL Gr. ask for your collaboration for succeeding and developing our

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.

## **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. **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.



PV panels installed at Koshi Plant

# ology o Life



Ecosystem tour

# **Environmental management**

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

Formulate and implement an education program

#### **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 communication**

## Fiscal 2013 goal

Results

Continue to publish and enhance Environmental and Social Report.

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

Fiscal 2014 goal Publish further enhanced Environmental and Social Report.

# Spread the activity to overseas locations. Conservation of biodiversity

**Environmental education** 

in Japan. (See p. 22 for details.)

Fiscal 2013 goal

Fiscal 2014 goal

(Japan only).

Results

### Fiscal 2013 goal Determine a policy and formulate a plan upon investigation

and examination.

Formulated and implemented the program in locations

(See p. 23 for details.)

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