

# Environmental Action Plan (Targets and Performance)



Under its Environmental Vision 2050, Casio has established Environmental Action Plan targets from a global perspective, and is carrying out environmental activities accordingly. Here are the targets and performance for FY2012, along with the targets for FY2013 based on the current results.

## Environmental Management Policy for Building a Low-Carbon Society

Casio approaches Environmental Management based on its Environmental Vision and Environmental Management Policy for Building a sustainable Society. Please click the following link to see how Casio's efforts fit within the larger global context and to see the full text of the Environmental Vision and Environmental Management Policy.

[Environmental Vision 2050](#)

## Fiscal 2013 Casio Environmental Action Plan

### Product Targets

#### 1. Development target for eco-products

Increase Casio Green Star product sales to **50** % of total sales by FY2015.

### Plant and Business-site Targets

#### 1. Medium- and long-term targets for greenhouse gas emissions reduction

##### Medium-term target

To reduce the total volume of global greenhouse gas emissions from business activities by **30** % compared to FY2006, by FY2021

##### Long-term target

To reduce the total volume of global greenhouse gas emissions from business activities by **80** % compared to FY2006, by FY2051.

\* Business activities: This indicates activities of production sites and offices in Japan and overseas, and does not include CO<sub>2</sub> emissions from logistics, product usage, or employee travel.

## 2. Energy conservation targets (electrical power, fuel etc.)

### Japan production sites

Reduce CO<sub>2</sub> emissions per unit of actual production by **35** %, averaged over 5 years from FY2009 to 2013 (compared to FY 1991).

\* Actual production is calculated by adjusting the production output by the Bank of Japan Domestic Corporate Goods Price Index for electronic products, based on the policies of the four main electrical and electronics industry associations in Japan

### Japan office sites

Reduce CO<sub>2</sub> emissions per unit by **9** %, averaged over 5 years from FY2009 to 2013 (compared to FY 1991).

### Production sites outside Japan

Reduce CO<sub>2</sub> emissions per unit of production by **30** % by FY2013 (compared to FY 2005).

### Office sites outside Japan

Reduce CO<sub>2</sub> emissions per unit by **3** % by FY2013 (compared to FY 2005).

## 3. Reduction target for greenhouse gases other than CO<sub>2</sub>

Reduce total emissions of greenhouse gases other than CO<sub>2</sub> (CO<sub>2</sub> equivalent) by **90** % by FY2013 compared to FY2001.

- Reduce HFC-134a emissions

\* Replace HFC-134a used in machinery such as dust blowers, with products that use chemical substances that have a lower global warming factor

## 4. Resource conservation targets (water, paper)

### Japan production sites

Reduce water usage per unit of actual production by **25** % by FY2013 compared to FY2001.

### Production sites outside Japan

Reduce water usage per unit of production by **15** % by FY2013 compared to FY2005.

### Japan sites

Reduce paper usage in offices per unit of sales by **10** % by FY2013 compared to FY2008.

## 5. Waste reduction targets

### Japan sites

Reduce generation of waste per unit of actual production by **50** % by FY2013 compared with FY2001.

### Production sites outside Japan

Reduce generation of waste per unit of production by **30** % by FY2013 compared to FY2005.

## 6. Volatile organic compound (VOC) reduction target

### Japan production sites

Reduce emissions of VOCs by **45** % by FY2016 compared to FY2001.

\* 20 types of VOCs are specified by the four main electrical and electronics industry associations in Japan. Among them, Casio uses 8 types.

## 7. Hazardous substance phase-out target

Detoxify PCB-containing equipment in storage at the Casio Group company in Chuo City, Yamanashi Prefecture.  
(Registered consignment of detoxification with the Japan Environmental Safety Corporation – June 2006)

• Jurisdiction: Casio Computer Co., Ltd.

\* Store stabilizers, including the low concentration capacitors kept at Hachioji R&D Center, until they can be accepted by JESCO.

## 8. Target for output reduction of PRTR substances

### Japan production sites

Reduce output of PRTR substances per unit of actual production by **40** % by FY2013 compared to FY2004.

## 9. Green procurement target

Maintain **100** % green parts procurement rate (all supplied parts are green parts) of FY2013.

\* Green parts: Parts and materials that do not contain prohibited substances as designated by Casio

\* Excluding those substances that are within legal limits, if customer request

## 10. Green purchasing target

Raise the green purchasing ratio at Japan sites to **75** % of total purchases (based on the number of purchases) by FY2013.

\* Applicable to sites using the CATS e-P system

## 11. Logistics target for the fight against climate change

Achieve by 2012 a **22** % reduction in CO<sub>2</sub>emissions\* from logistics in Japan per unit of sales, compared to FY2006

\* Scope covers processes relating to product sales, not including processes relating to materials procurement and recycling

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## Overall business activity targets

### 1. Biodiversity preservation target

Based on the Casio Group Biodiversity Guidelines, Casio will carry out biodiversity preservation activities relating to its business sites and products.

#### **For Sites**

In cooperation with NPOs and NGOs, Casio will prepare a biodiversity impact assessment checklist regarding the location and operation of plants and offices, and begin a pilot study by FY2013.

#### **For Products**

In cooperation with NPOs and NGOs, Casio will prepare a biodiversity impact assessment checklist regarding product design, procurement, production, packaging, distribution, and recycling, and begin a pilot study by FY2013.