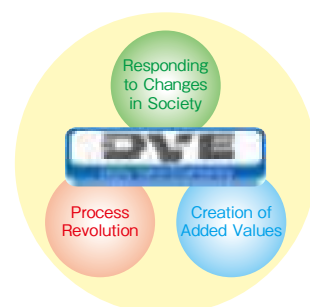




# Environmental Report 2008

Roland DG Corporation



# Company Slogans and Message

## Company Slogans

- ◎ **Inspire the Enjoyment of Creativity.**
- ◎ **Be the BEST rather than the BIGGEST.**
- ◎ **The Roland Family Cooperative Enthusiasm.**

### Message from the President

Every Roland customer is served by our strong commitment to their creativity as expressed in our corporate tag line, "Transforming Your Imagination into Reality."

As a company and as global citizens, we are equally committed to the environment and view environmental conservation as one of our major corporate responsibilities. Accordingly, Roland DG Corporation has implemented business practices company-wide that help us contribute to a sustainable society.

Roland obtained ISO9001 and ISO14001 certifications in 1999 and 2000 respectively, and has since implemented management systems that improve product quality and reduce the company's environmental footprint. These company policies recognize that environmental considerations are an essential aspect of overall product quality. Our Integrated Management System (IMS) Policies guide the company's product development efforts, applying environmental standards toward the production of high-quality, eco-friendly products.

Our commitment to counter global warming remains one of our top priorities going forward. As a company, we have set a three-year target for reducing CO2 emissions in fiscal 2008 (ending March 2009). We are also working to strengthen our conventional energy-saving and energy-generating activities.

The following report summarizes our environmental activities for fiscal 2007, outlining to stakeholders both our environmental standards and the policies we have embraced to help us achieve our goals.

We thank our valued stakeholders for joining with us in support of these important corporate initiatives, and we look forward to the opportunities ahead.



August 2008

**Masahiro Tomioka, President**

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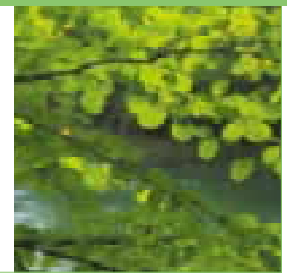
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2008 Environment Report Overview  
Period: April 1, 2007 to  
March 31, 2008  
Organization Name:  
Roland DG Corporation  
Headquarters and  
factories in Miyakoda  
and Okubo  
Acquired ISO14001:  
2004 certification



# Environmental Principle and Integrated Management System Policies



## Roland Environmental Principle

Roland DG bases its environmental policies and practices on the concept that environmental issues are common to all mankind, and that they contribute to the preservation and welfare of both our society and the global environment.

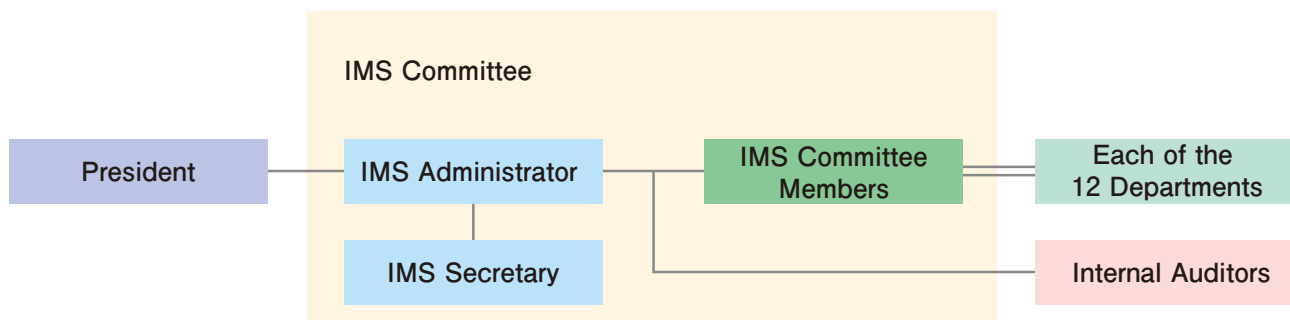
## Integrated Management System (IMS) Policy

Roland DG Corporation develops, designs, manufactures, installs and services a complete line of computer peripheral devices for creative applications. Every Roland product is supported by the company's environmental management system, which is based on the following policies. These policies are periodically reviewed and updated by the management team in keeping with current worldwide standards.

### "We produce reliable products for our customers."

- Understanding the importance of meeting customer needs, Roland offers world-class products in compliance with international regulations and other requirements. The effectiveness of the company's Integrated Management System is measured on an ongoing basis to improve the quality of Roland products and business operations.
- We strive to effectively use resources in our business activities and have set goals for reducing and recycling wastes, preventing environmental pollution caused by chemical substances, and developing and designing eco-friendly products through conservation of resources and power.
- Our management team calls on each member of the organization to embrace this integrated management system. Roland employees establish objectives and targets at the department level that follow the company's Integrated Management System Policies and each department periodically reviews its objectives to ensure they are up to date.
- The company communicates its environmental policies to all members of the organization through posters displayed throughout the company's facilities and via the corporate intranet Website. The company's environmental standards and other information are available to the public on the Roland DG public Website.

### ●IMS Promotion Organization Chart



### ●Environmental Audit

We periodically implement internal IMS audits and field assessments by an external certification organization to ensure the management system's compliance with ISO 14001:2004 requirements.

#### 1. Fiscal 2007 Internal IMS audit

From September to November 2007, Roland implemented an internal audit at each site to check each department's IMS activities for this time period.

#### 2. Fiscal 2007 External assessment

The fiscal 2007 external assessment of the IMS was implemented on December 17th and 18th. Roland met all requirements for continuous registration, and an assessment registration certificate was issued by the external organization.

# Environmental Management System Activities

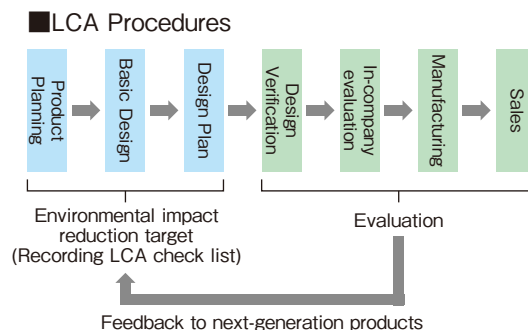
## 2007 Environmental Achievements

	Targets	Results	Self-evaluation
1	Performing seven LCA input procedures for all models.	Seven procedures were implemented for all target models.	○
2	Displaying Eco-label on eco-friendly products.	Eco-labels were displayed on eco-friendly products.	○
3	50% reduction of packaging materials for components/materials.(compared to 2004)	50% reduction was achieved by using returnable resin boxes.	○
4	Executing three requirements of the green procurement guidelines.	Green procurement requirements were implemented for ten items.	○
5	Investigating the elimination or replacement of chemical substances.	Investigation was not sufficient.	×
6	Continued progress toward zero emissions.	Recycling rate of 99.6% was maintained.	○
7	2% reduction in power consumption (compared to 2005 based on production unit cost).	Reduced by over 2.4%	○
8	Generating 85% of lighting power for the Materials and Components Control Departments.	Reached over 94.3%	○
9	10% reduction in purchased copy paper (compared to 2004).	Reduced by over 10.6%	○

### 1. Implementation of LCA\*

In order to produce environmentally sound products with minimal long-term effects on the environment, we established company-wide "LCA Design Introduction Procedures" for assessing our products as eco-friendly. These procedures set environmental standards for the development and design phases. Seven LCA input procedures were implemented for target products developed in fiscal 2007.

\* LCA: Life Cycle Assessment analyzes products and their components to determine the environmental impact of all aspects of the product life cycle from the development phase through disposal of the product and its components. LCA assesses a wide range of processes including the procurement of raw materials, processing of materials and components, and the production, operation, demolition and disposal of products and their components.



### 2. Introduction of Environmental Product Labeling System

In order to promote the development of eco-friendly products and provide our customers with environmental information on our products, we have introduced an eco-labeling system which assesses products according to the standards outlined in the company's Guideline for Environmentally Conscious Product Design. Qualified products become certified and registered, and can then display the Roland DG Eco-label. Introduced in September 2007, this system has been used to assess the AJ-740 and XJ-740/640/540 series. The Roland DG Eco-label is classified as a Type II self-declarative eco-label as defined by the International Organization for Standardization.



Roland DG Eco-label



### 3. Reduction of Packaging Materials .....

We have reduced our packaging materials for delivered components and materials by 50% by replacing paper materials such as cardboard with returnable resin boxes.

### 4. Adoption of Green Procurement .....

In order for a product to be recognized as ecologically friendly, it must be manufactured with eco-friendly parts and without the use of hazardous chemical substances. For green procurement of materials and components, Roland is involved in the Japan Green Procurement Survey Standardization Initiative (JGPSSI). The company's green procurement working group has conducted extensive research, and has promoted the adoption of data verification tools and the development of a components database. The first edition of the Green Procurement Guidelines was published in December 2006, and we began green procurement for selected items immediately, starting in January 2007. The company's green procurement plan was implemented for ten product components by the end of March 2008. We plan to expand the number of future target items as we continually reduce the environmental impact of our operations.

### 5. Investigation into Eliminating or Replacing Chemical Substances

In fiscal 2007, we did not meet our goals for reducing the hazardous chemical substances included in the components and materials of our products and supplies and for replacing these substances with more eco-friendly alternatives. In order to meet the increasing demands of worldwide chemical regulations, we are determined to improve the operations of our Development and Purchasing Departments toward the goal of reducing and eliminating the use of chemical substances where possible.

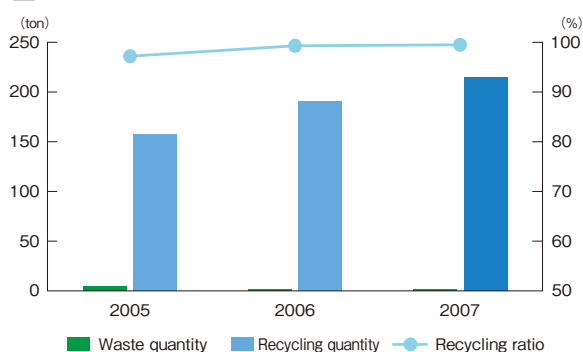
### 6. Continuation of Zero Emissions\* .....

#### ● Promotion of recycling by separation, decomposition and segregation

We achieved our zero-emissions goal in March 2007 which required the company to raise its recycling rate of wastes to more than 99.0% (excluding cafeteria scraps and human wastes). For fiscal 2007, our recycling rate rose to 99.6%. We are determined to further reduce the environmental impact of our operations through ongoing zero-emissions activities.

\* Zero emissions: This concept applies to integrated industries in which the goal is to form a resource-recycling society. Zero emissions are achieved when the waste generated from one industry serves as raw materials for another.

■ Zero-Emissions Activities



# Environmental Management System Activities

## 7. Reduction of Power Consumption

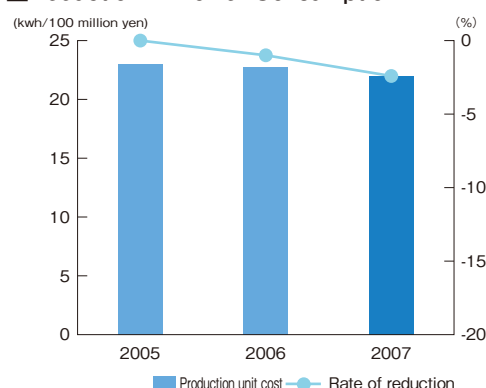
### ●Energy-Saving Activities

To reduce power consumption company-wide, we have introduced "Eco-Ice," an air-conditioning system designed to use the electric power generated at night more effectively. Eco-Ice also offers a power control system to reduce peak power consumption and improve energy conservation. Energy-saving activities in each department include setting personal computers to the power-saving mode, replacing them with LCD models, setting air conditioners to appropriate temperatures for the summer and winter seasons, and replacing fluorescent tubes with low-energy lighting. Through these activities, the company reduced its power consumption by 2.4% in fiscal 2007 (based on production unit cost\*) in comparison with fiscal 2005 levels.

Roland opened the Miyakoda factory in December 2005 and introduced a number of energy-saving environmental design features. "Eco-Ice" was installed to reduce the power consumption of air-conditioning equipment, the number of heat-sensitive windows was limited, and motion sensor-controlled lamps were installed in the corridors.

\* Production unit cost base: Power (kwh) consumed per total production of 100,000,000 Yen

### ■Reduction in Power Consumption



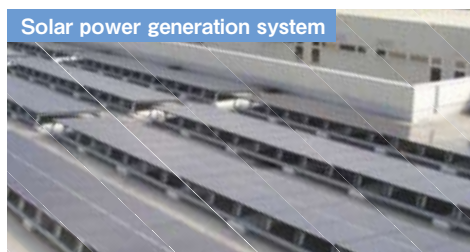
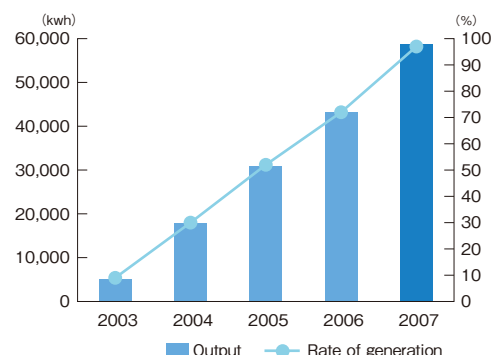
## 8. Promotion of Energy-Generating Programs

We have taken steps to generate environmentally friendly, clean energy from recyclable resources.

### ●Installation of Solar Power Generation Facility (five-year plan)

In September 2003, we began a five-year plan to install a solar power generation system on the rooftop of our Headquarters. We completed the installation in October 2007 largely through the efforts of employee volunteers who assembled the base and solar panels of the system. In fiscal 2007, electricity production from this system rose to approximately 58,000kwh. In 2007, the system generated 85% of the electricity required to provide lighting for the Materials and Components Control Departments at the Factory Headquarters. This system is also contributing to the reduction of CO2 emissions (approx. 28 tons yearly). The second phase of the medium-term energy-generating plan will start in fiscal 2008.

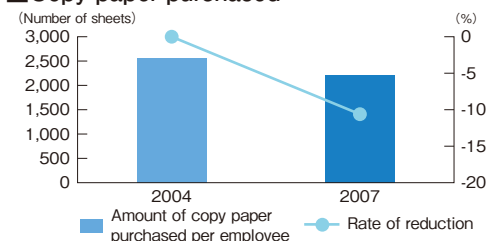
### ■Transition to Energy Generation (Quantity of Solar Power Generated)



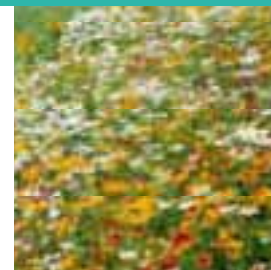
## 9. Reduced Copy Paper

Roland continually promotes a paperless operation. The company has established goals to reduce the consumption of copy paper and uses scrap paper, duplex printing and electronic forms accordingly. In 2007, the company's purchases of copy paper per person were reduced by 10.6% as compared to 2004 levels.

### ■Copy paper purchased







## Other Environmental Activities

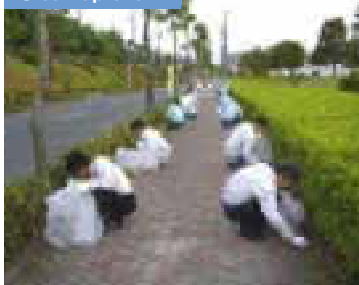
### ●Promotion of Green Procurement

Roland has established guidelines for selecting general office supplies that promote green procurement of recycled goods and other eco-friendly products.

### ●Beautification Activities (Social Contribution Activities)

As part of the company's community service program and to raise environmental awareness among employees, we are involved in "clean-up" events for the areas surrounding the Headquarters and Miyakoda factory. A designated "Clean-up" event was held once in fiscal 2007.

Clean-up event



### ●Establishment of Website

Detailed information on our environmental efforts is available on our Website ("Environmental Activities").



"Environmental Activities"

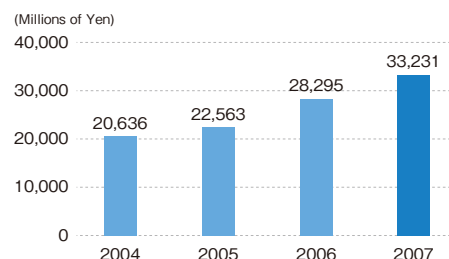
<http://www.rolanddg.com/company/eco/index.html>

## Roland DG Corporation

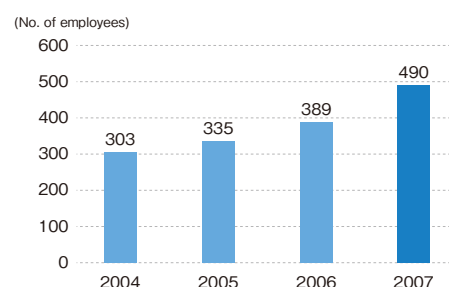
### ■Corporate Overview

Founded: May 1, 1981  
 Headquarters: 1-6-4 Shinmiyakoda, Kita-ku, Hamamatsu-shi, Shizuoka-ken, 431-2103 Japan  
 Phone: +81-(0)53-484-1201  
 Fax: +81-(0)53-484-1206  
 President: Masahiro Tomioka  
 Paid up Capital: JPY3,668,000,000  
 Listed on the Tokyo Stock Exchange, First Section (TSE symbol 6789)  
 Net Sales for FY2007: JPY33,231,000,000  
 Number of Employees: 490 (as of March 31, 2008)  
 Description of Business: Manufacturing and sales of computer peripheral devices  
 Branch Offices in Japan: Sapporo, Sendai, Tokyo, Nagoya, Osaka, Hiroshima, and Fukuoka

### ■Net Sales (non-consolidated)



### ■Number of Employees (non-consolidated)



### ■Business Overview

Since its inception in 1981, Roland DG has manufactured and sold a wide range of computer peripheral devices based on outstanding digital technology. In response to the rapid pace and advancement of these technology-driven markets, the company focuses on two primary product lines: "Color & 3D." Roland products meet the highest standards for precision and reliability and are packaged as complete solutions including software and other supplies.

- Color products: Large-format inkjet printers
- 3D products: 3D data input/output devices
- Other products: Vinyl cutters, engravers



## Roland DG Corporation

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