



# 2014

**ENVIRONMENTAL  
REPORT  
FUJIREBIO INC.**



認証有効期間  
平成26年4月～  
平成27年3月

# Fujirebio Group contributes to world medical care.

Since the company's formation, under its management philosophy of contribution to worldwide healthcare, Fujirebio Inc. has supplied innovative products, technologies and information mainly in the area of clinical diagnostics, thus aiming at the realization of being a global life science company with higher corporate values. Hospitals and medical care facilities worldwide are actively engaged in developing therapeutic drugs to overcome various intractable diseases and at the same time, are still longing for development of clinical diagnostics\* and test equipment for early detection and clinical diagnostics of diseases. Our key products, which include clinical diagnostic reagents related to AIDS, cancer, hepatitis, influenza and other ailments, are utilized at clinical sites domestically and abroad. In addition, our Lumipulse Series, which incorporates clinical diagnostic reagents and testing instruments, has garnered high ratings as a comprehensive testing system both in and outside of Japan. FUJIREBIO INC. will continue its contribution to worldwide healthcare through the creation of new values with full awareness and responsibility for human life and health.

\*Clinical diagnostics: Clinical diagnostics are testing reagents that are not used directly for the human body but are intended for use in the diagnosis of disease, including determination or detection of substances or biological activities using blood, urine, or other substances taken from the human body as a specimen.

## Corporate Profile (as of April 1<sup>st</sup>, 2014)

**Company name** : FUJIREBIO INC.  
**Inception** : July 11, 2005 (corporate split)  
**Head office** : Shinjuku Mitsui Building, 2-1-1 Nishishinjuku, Shinjuku-ku, Tokyo 163-0410  
 TEL : +81-3-6279-0800  
 FAX : +81-3-6279-0854

**Representative** : President & CEO, Takeshi Koyama  
**Business Activities** : Manufacturing, sale and import/export of clinical diagnostic reagents and assay instruments.

**Paid-in capital** : ¥4,252,902,860  
**Plants and Offices** : Hamachou Office, Hachioji Facility, Obihiro Facility, Ube Facility, Distribution Center, Kuki Distribution Center, Tokyo Branch (within Hamachou Office), Capital Region Branch (within Hamachou Office), Hokkaido Branch, Tohoku Branch, North-kanto Branch, Wangan Branch, Chubu Branch, Osaka Branch, Chushikoku Branch, Kyushu Branch

**Number of employees** : 577 staff (as of end-March 2014)



LUMIPULSE® G1200



LUMIPULSE® Presto II



LUMIPULSE® reagents

## Origin of corporate name

The "rebio" part of the corporate name consists of "re" from the word revival and "bio," meaning life. The name is intended to symbolize the wish for restoration of life, which has been our dream and goal since the company's inception.



Influenza-related diagnostics



IQ200 Sprint / iChem Velocity



LUMIPULSE® G600 II



## Editorial Policy

This report has been issued with the aim to make easily understood the environmental activities we have been conducting in order to further enhance our credibility to both internal and external stakeholders.

We have endeavored to create this 10th report in a manner which helps to give a holistic view of our ongoing environmental protection activities for employees, people in the community, and shareholders, in line with the editorial policy from previous issues. There has been broad globalization trend at our company; more than 40% of our staff is now comprised of members in overseas group companies. Although in previous editions of this report we have introduced reports of environmental activities taken at our overseas group companies in the TOPICS section, a major theme in the future will be an effort to share (globalize) the environmental activities of all group companies - both domestic and abroad - as much as possible while also respecting the unique characteristics of each region. Havoc and devastation from abnormal weather, which is said to be caused by global warming, is increasing globally every year. The demand for industry to be environmentally conscious grows increasingly, and we take pride in our commitment to expand our voice and activities in dealing with the situation, no matter how large or small the effort. As an entire group, we are planning to promote continuous improvement for the further reduction of environmental impacts.

**In preparing the 2014 Environmental Report, emphasis was placed on the following two points:**

### 1. Coverage

We referred to the Environmental Reporting Guidelines by the Ministry of the Environment in order to aim for systematic information disclosure in drafting our report.

### 2. An easy-to-understand arrangement

We paid attention to the construction of chapters, sections and layout, and also gave consideration to visual presentation by use of illustrations and photos.

\*Fujirebio's Environmental Report is posted, as an annual report, on our website together with the Japanese version.

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### About this Environmental Report 2014:

- Coverage: All business offices of FUJIREBIO INC.
- This environmental report focuses on content from the FY 2013 report (including data). Please note however, it also contains some important topics and articles from FY 2014.
- Next issue: Scheduled for issuance in October, 2015

## Fujirebio continues to integrate environmental considerations and social responsibilities into all of its sustainable business activities as the driving force behind the Fujirebio Group.



**Takeshi Koyama**  
President & CEO

As global warming is accelerating a growth of extreme weather events in recent years, the major concern for global environment has become a pressing issue that must be dealt on a global scale. Therefore, proactive measures for environmental conservation such as energy-saving are strongly expected for the corporate community as its social responsibility.

Fujirebio aspires to make contribution to society and healthcare through clinical diagnostics under its corporate philosophy, “Contributing to Global Healthcare through the Creation of New Values with Respect for Human Life and Commitment to People’s Health.” As a part of our environmental declaration aiming to achieve our goal, we are making every effort to protect environment and maintain harmonious relations with local communities, and continuously carried out activities which reduce impacts on environment. We also establish annual target for energy usage, waste and CO<sub>2</sub> emissions which serve as the foundation of our sustainability, and such ceaseless efforts made throughout the organization have generated successful outcomes. The Japan Voluntary Emissions Trading Scheme (JVETS), Carbon Offsetting, and Carbon Neutral Project endorsed by the Ministry of the Environment are what we have been proactively participating in the past few years, and the company plays a guiding role in society.

As manufacture and provider in the healthcare industry, we prioritize the sense of our mission to offer customers eco-friendly products at our best achievable level and to deliver more clinical diagnostic products of the highest quality for saving more precious lives. Moreover, we continue to comprehensively assess every process of our supply chain, from product design to raw material procurement, production, and sales, and turn the idea of earth-friendly manufacturing into reality.

Fujirebio shares a view that “environmental activities need to be executed in parallel with business activities and these business activities are what the company offers in response to the mission of how to contribute to society”. The company’s environmental management system (EMS) holds annual discussion on the significance of environmental activities at each of all worksites. The feedback is then reflected in the details of our future activities and target setting. These initiatives to promote awareness of environmental activities have gradually gained increasingly successful results. In this sense, I believe the company’s environmental activities play a leading role in promoting the CSR activities of the Miraca Holdings.

We intend to communicate our environmental efforts in a direct and transparent manner through this report. We anticipate your thoughts and advice which further develop our EMS and environmental activities.

# Environmental Policy

## **1. Creation of Environmentally-Friendly Products**

In an effort to respect the environment in all stages of activity (from product design to disposal), Fujirebio strives to manufacture products that are friendly to the environment.

## **2. Prevention and Abatement of Pollution**

Fujirebio actively confronts the issues of pollution prevention and abatement by implementing thorough safety measures in the management of chemical substances and microorganisms.

## **3. Energy Saving, Resource Conservation and Recycling**

Each of Fujirebio's divisions is committed to waste elimination through the promotion of energy saving, resource conservation and recycling.

## **4. Regulation Compliance**

Fujirebio fully observes and complies with all environmental laws, regulations, ordinances and agreements at the national, regional and local levels.

## **5. Review and advancement of Environmental Management System (EMS)**

Fujirebio periodically reviews its environmental objectives and targets to ensure continuous advancement of its EMS.

## **6. Specifications of Organization and Authority**

Fujirebio's written outline of specifications for organization and authority concerning the EMS constitutes the pillar around which all company members base their actions. Fujirebio expects its partners to support the terms of this policy.

## Re-examining environmental impacts directly related to each division's operations

It has been over 10 years since we received ISO 14001 certification. After passing this milestone, the company has turned its sights towards putting efforts into further development. SINCE FY 2013, we have embarked on approaches to address environmental aspects associated with operations based on requirements defined under ISO 14001 that state: "Identification of significant environmental impacts that the organization may cause." The company is required to review environmental impacts caused by our products and services outside the company (customers, transporting, etc.), in upstream operations (pre-processing), in downstream operations (post-processing), and other such situations.

We have previously implemented activities at our production and research hubs based on assessments of environmental aspects that are related to our business activities. However, in order to better promote activities company-wide, including in areas such as administrative departments at headquarters and sales departments, we have studied (identified/assessed) and formulated action plans at our company-wide environmental discussions to specifically address the environmental aspects which are directly linked to our business activities.

Efforts have been focused mainly on improving business activities (which equates to environmental improvement) without fixating on directly reducing office paper, waste, or energy. As seen below, factors impacting the environment to a larger extent than before have been placed under review.

### NOTABLE POINTS OF INTEREST IN EACH DEPARTMENT

#### •SALES:

Improving customer interaction (sales promotional items, providing information, case studies concerning inquiry response), improving efficiency of vehicle movement, assessing fixed assets, transporting parts for Instrument maintenance

#### •OVERSEAS-RELATED:

Rapid inquiry response, improving efficiency of meetings

#### •PRODUCTION:

Improving production processes, strictly enforcing equipment maintenance, reducing waste from facility management, reducing organic solvents used in label printing, reducing the number of visits to the logistic center to inspect delivered service parts

#### •SUPPLY CHAIN:

Improving interoffice mailing, promoting green purchases

#### •QUALITY ASSURANCE:

Improving document management efficiency for purchased quality management systems

#### •R&D:

Materials, proper use of equipment, proper use of refrigerators, strictly enforcing equipment maintenance, environmental impact to parties evaluating products, confidential document disposal, overseas laws and regulations

#### •MARKETING:

Reviewing the development and introduction of energy saving products

#### •GENERAL AFFAIRS:

Reducing the amount of documents and document management, raising awareness of the proper use of office paper, reducing the load put on air conditioners, refrigerators, and freezers, improving efficiency of internal inquiry responses, re-examining internal routines

#### •HUMAN RESOURCES:

Enhancing staff healthcare management

#### •PLANNING AND PROMOTION:

Appropriate guidance aimed at reducing the burden of approval procedures

#### •ACCOUNTING:

Appropriate guidance aimed at improving the efficiency of accounting procedures, reducing reprints of corrected sales slips

Below illustrates a tangible example of our activities.

Although addressing legal regulations and other requirements are, of course, important environmental activities that directly relate to business operations, several sites have come up with systems to ensure that environmental regulations are also strictly adhered to.

In addition, sales branch offices are making aggressive efforts to reduce gasoline use by, for instance, re-examining ways to efficiently utilize commercial vehicles and take advantage of public railways to travel to remote locations.

These activities were assessed as highly satisfactory points during a reassessment of our ISO 14001 certification. In FY 2014 we aim to continue performing activities that support the action plan formulated in FY 2013, and to carry out activities that contribute to protecting the environment.



## Fujirebio's business activities and their impacts on the environment

**We will accurately grasp environmental impacts influenced by our business activities and aim to create a recycling society**

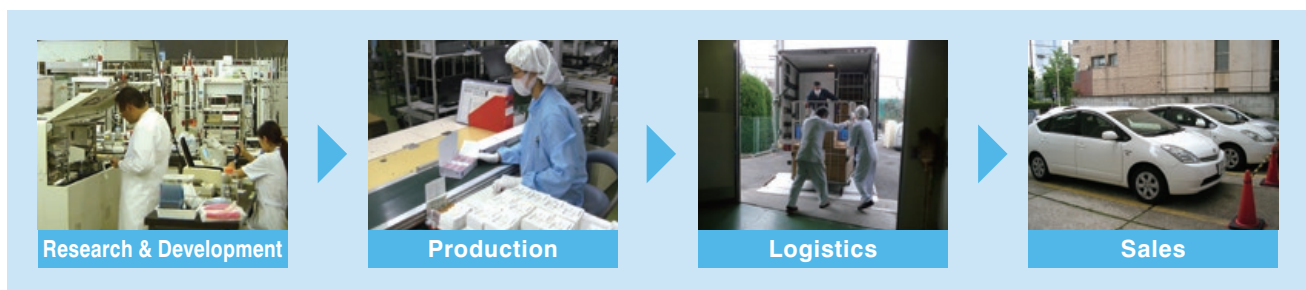
We reduce environmentally burdening emission matters through business activities including the reduction of raw materials used, improvement of productivity and energy saving activities. Furthermore, from manufacturing products considering environmental impact to services,

we control targets based on input and output for reducing the environmental burden and make improvements every year.

By achieving these targets, we will aim to establish an environmental and recycling society.

Energy		Water		Containers and packaging	
Electric power	10,338.3 thousand kWh	Tap water	49.4 thousand m <sup>3</sup>	Glass containers	24.7 t
City gas	236.8 thousand m <sup>3</sup>	Ground water	0.0 thousand m <sup>3</sup>	Plastic containers	147.6 t
LPG (Liquefied petroleum gas)	122.2 thousand m <sup>3</sup>			Rubber closures	5.5 t
Deisel oil	6.1 KL	Chemical substances		Metal	2.0 t
Gasoline	235.0 KL	PPTR reportable substances	1.4 t	Packing and labeling materials (paper)	171.5 t
Kerosene	110.7 KL	Raw materials, etc.	17.3 t		
				Paper	
				Copy paper	9.4 t

INPUT



OUTPUT

Waste		Air		Containers and Packaging materials (generated from plants)	
Total generation	292.8 t	CO <sub>2</sub>	6,593.0 t	Glass containers	0.0 t
Amount recycled	279.0 t	PRTR reportable substances	0.0 t	Plastic containers	9.5 t
PRTR reportable substances*	0.3 t			Rubber closures	0.0 t
		Water		Metal	0.0 t
		Total effluent	41.0 thousand m <sup>3</sup>	Packing and labeling materials (paper)	0.0 t
		Discharge to public area	7.9 thousand m <sup>3</sup>		
		Discharge to sewerage	33.1 thousand m <sup>3</sup>		
		BOD	0.2 t		
		COD	0.2 t		
		SS	0.2 t		
		PRTR reportable substances	0.1 t		



Environmental management activities

All of our sites including our group companies have obtained ISO 14001 Certification.

Policy and outline of EMS

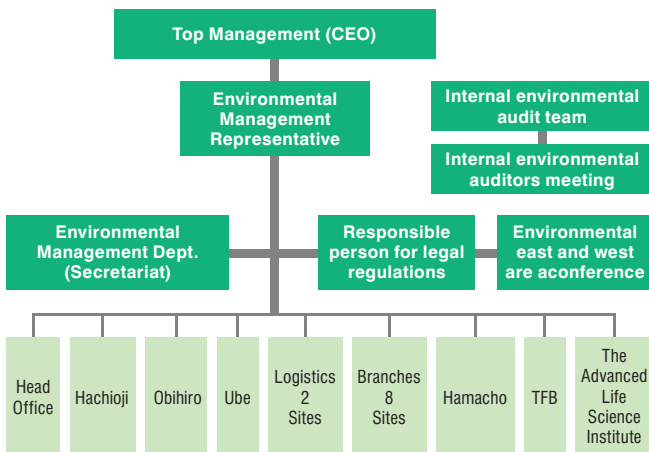
Every year management puts out a "Policy and Outline of the EMS," which fleshes out the environmental activity items from the "Environmental Policy" that should be focused on in the fiscal year. EMS policy and the matters to be performed for achieving the policy are presented for fiscal 2012. Its contents are incorporated in the "company-wide EMS" including the group companies. EMS will be further developed according to the progress management of policy implementation during period and the output from top management in the quarterly "Environmental Management Review."

Environmental management promotion organization

This organization includes the CEO, Environmental Management Representative, Environmental Management Committee, Environmental East and West Area Conference (broadcasted to all sales branches through a TV conference), and environmental meetings held under each site manager as lower organizations, thereby promoting the infiltration and continuous improvement of EMS. The representatives of group companies also participate in the Environmental Management Committee to encourage close communication.

While EMS is applied through corporate-wide environmental documents and site procedures, a feature of our environmental management system is that we pursue originality appropriate for the environmental impact of each site with the site system introduced.

● Organization of Environmental Activities Promotion



\*TFB was integrated on April 1, 2014

Compliance with legal regulations

The responsible person for environmental legal regulations sends legal amendment information to all the sites as "environmental regulations news" through the network using the legal regulating management tools every month. Each site checks and updates the registered latest legal regulating information bimonthly and evaluates the law-abiding regulation at least twice a year. Evaluation of legal compliance to laws and regulations, including all items of district ordinances, were verified in the review for fiscal 2013. Laws and regulations that were newly revised and enacted are included in these, thus we will further enhance the law-abiding system by implementing even closer communication between sites.

Internal audit

In order to ensure the independence and expertise of the audit, we have established an "Internal Audit Office" for the internal environmental audit.

The results of each audit are reported to the president every month and an internal environmental auditor meeting is held quarterly by videoconference for reviewing internal audits and continuous training of auditors.



Internal auditor training

The internal auditors participate in an auditor training course by the outside lecturer once every year to brush up their auditing skills.

Environmental discussion

Our established custom of holding an Environmental Discussion company-wide each year is one of the distinct characteristics of our company's EMS. All staff takes part in a thorough discussion based on a theme set by the executive office. The outcome of this is summarized by group to include a 'Department', 'Site Environmental Objective', and 'Action'. These are then made into a theme for "Next Fiscal Year's EMS Policy and Outline" to act as a company-wide goal. We will present a report from each site in the Environmental Discussion special feature of this issue.



Environmental objectives and results for FY 2013/Objectives for FY 2014

We will set specific targets wherever possible and develop earth-conscious business activities

FY 2013 was the first year to implement activities in our three-year medium-term goal (2013 to 2015), which was freshly formulated using FY 2009 as a reference year. Amid difficult conditions under which to reach our annual energy saving and global warming prevention goals, we were still able to achieve our targets in each category. As for waste control measures, these goals were achieved through a combination of thoroughly sorting of waste and continuously recycling. Renewal of ISO 14001 Certification was approved after certification reassessment (valid from December 2013 to December 2016).

Item	Environmental Objective	Environmental targets for FY 2013	Specific measures for FY 2013	Assessment
Energy saving / Prevention of global warming	Reduction of energy consumption	Reduction of 4% compared with FY 2009 (Factory: Production process cost)	Achievement rate 100.6%	◎
	Reduction of gasoline consumption	Further improvement of gas mileage	Eco activities and education record storage & management	○
	Reduction of CO <sub>2</sub> emission	Reduction of 4% compared with FY 2009 (Originated in energy use)	Achievement rate 101.1%	◎
Resource conservation / Waste minimization	Reduction of office paper purchases	Reduction of 4% compared with FY 2009	Achievement rate 111.0%	◎
	Reduction of waste (general waste)	Reduction of 4% compared with FY 2012	Achievement rate 114.8%	◎
	Reduction of waste (industrial waste)	Reduction of 4% compared with FY 2012	Achievement rate 1148.3%	◎
Legal regulations	Strict control for compliance with regulations under environmental legislation	Compliance with the amended Energy Saving Act and the amended Global Warming Solutions Act (Organized its administrative bodies and prepared a report and a plan for FY 2013.)	135 laws and regulations compliance evaluation (including ordinances) at [entire sites] all sites	◎
		Compliance with amended Tokyo Metropolitan ordinances (Prepared a report for FY 2013 and complied with the mandatory reduction of total volume.)	Preparing data on volume of energy used and CO <sub>2</sub> emissions A report on implementation and a plan submitted before the deadline	◎
Environmental care in products	Coping with environmental aspects of the business	Environmental aspect assessment and plan formulation	Implementation in environmental discussions company-wide	◎
Environmental documentation	Understanding of the environmental documentation management system	Continuation of periodic revision of all environmental documents for single year	Level 1,2 documents (22) have been revised and registered Level 3 documents (158) have been revised and registered	◎
Operation control	Management of industrial waste disposal companies	Continuing implementation of reliability assessment	Storing and managing agreements on observation of laws among 24 contracting companies	◎
	Promotion of eco-officing	Stricter control of eco-officing	Achieving company-wide energy saving target planning	◎
Environmental education	Implementation of the annual environmental education policy and outline	Implementation of FY 2013 environmental education policy and outline	Holding of the 34th Medicopia symposium in FY2013	○
Environmental communication	External communication with industrial waste disposal contractors	Continuation of commitment of compliance with laws to consignees	Reception of responses from 24 industrial waste disposal contractors (Completion of record and registration at every site)	◎
	Issuing of the environmental report	Issuance of Environment Report for FY 2013	Continually issuing	○
	Improvement of internal communication	Implementation of company-wide environmental discussion and correction in FY 2013	Discuss emergency responses and aspects that could affect the environment. Use this outcome to develop worksite activities.	◎
ISO environmental management	Responding to ISO 14001 external auditing	Responding to ISO 14001 continual assessment (Including our group company TFB Inc.)	Passed continual assessment of ISO 14001 (including our group company, TFB Inc., ALSI)	◎
Internal environmental audit	Reinforcement of internal audit	Implementation of internal audit policy for FY 2013	Completion of audit planning, implementation and review in FY 2013 (ensuring independence by establishing an internal audit office)	◎
Social contribution	Continued issuance of medical science journals	Issuance of the academic journal Medicopia 2013	Issuance of the 55th academic journal Medicopia 2013	◎
	Holding of educational lecture meetings and symposiums	Successive holding of seminars for FY 2013	Holding of the 34th Medicopia symposium in FY2013	◎
	Contribution to a wide range of blood collection businesses	Continuation of contribution for FY 2013	Implementation of contribution items	○
	Contributing to healthcare in the world	Continuation of cooperation with contribution for FY 2013	Tutoring trainees at Hachioji Facility in 2013	◎
	Contribution to the community	Continuation of holding and contribution for FY 2013	Holding of the FY 2013 Summer Festival, cleanup activities, and plan execution at each site	◎

Evaluation criteria: ◎Target achieved ○Target achieved with some improvement required △Efforts have been made but the performance evaluation is poor ×Target not achieved

## Environmental Efforts (Environmental objectives for FY 2014)

In FY 2014 we will promote the development of new measures and proactively install energy-saving equipment in an aim to achieve our medium-term objectives for the second year of activity, which began in FY 2013.

Item	Environmental Objective	Environmental targets for FY 2014
Energy saving / Prevention of global warming	Energy use reduction	5% reduction per unit of output, compared with FY 2009
	Reduction of CO <sub>2</sub> emission	5% reduction of energy-sourced CO <sub>2</sub> emission, compared with FY 2009
	Reduction of gasoline use	Further fuel conservation (participation in an Eco-Driving Competition, etc.)
Resource conservation / Waste minimization	Reduction of office paper purchases	5% reduction per unit of output, compared with FY 2009
	Reduction of waste (general waste)	5% reduction compared with FY 2012
	Reduction of waste (industrial waste)	5% reduction compared with FY 2012
Legal regulations	Strict control for compliance with regulations under environmental legislation	Responding to the revised Energy Saving Act and the Law concerning the Promotion of Global Warming Countermeasures (energy use reduction, comparing with 2014 and establishment of a system) Responding to the revised Tokyo Metropolitan Ordinance on Environmental Preservation (FY 2014 report and responding to the mandatory total energy use reduction)
Environmental Care	Addressing environmental aspects related to operations	Environmental aspects assessment and plan formulation
Environmental documentation	Understanding of the environmental documentation management system	Continued regular revision of the entire environmental document each year
Operation control	Management of industrial waste disposal companies	Continuing implementation of reliability assessment
	Promotion of eco-officing	Stricter control of eco-officing
Environmental education	Promote awareness of a single-year environmental education policy	Implementation of FY 2014 environmental education policy and outline
Environmental communication	External communication with industrial waste disposal contractors	Continuation of commitment of compliance with laws to consignees
	Issuing of the environmental report	Issuance of Environment Report for FY 2014
	Improvement of internal communication	Implementation and development of corporate-wide environmental discussions for FY 2014
ISO environmental management	Responding to ISO 14001 external auditing	Responding to the ISO14001 renewal audit (including our group company TFB Inc.)
Internal environmental audit	Reinforcement of internal audit	Implementation of internal audit policy for FY 2014
Social contribution	Continued issuance of medical science journals	Issuance of the academic journal Medicopia 2014
	Holding of educational lecture meetings and symposiums	Successive holding of seminars for FY 2014
	Contribution to a wide range of blood collection businesses	Continuation of contribution for FY 2014
	Contributing to healthcare in the world	Continuation of cooperation with contribution for FY 2014
	Contribution to the community	Continuation of holding and contribution for FY 2014

## Environmental performance – 1

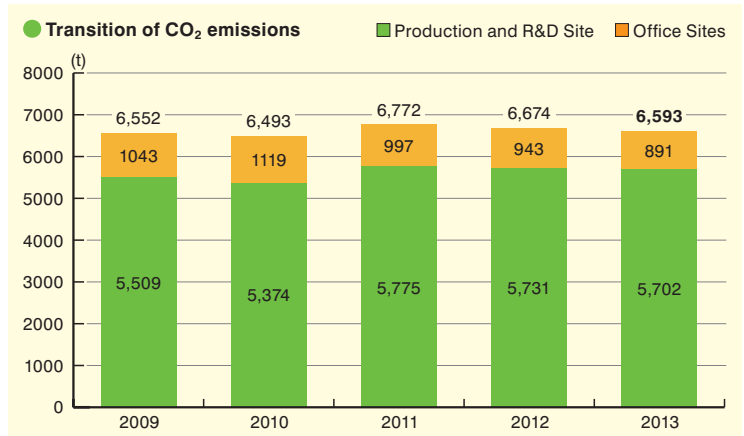
# Expanding low-carbon-producing business activities to eliminate waste of energy and resources.

### Reduction of CO<sub>2</sub> emission

In regard to CO<sub>2</sub> emission reduction, the company started measuring the emission in FY 2005, in time for the enforcement of the Kyoto Protocol. We have been implementing strengthened measures of CO<sub>2</sub> emission measurement accordingly, such as inclusion of the electricity-sourced CO<sub>2</sub>, and setting the latest default value, which was announced by the Ministry of the Environment since FY 2006. Since FY 2007, we have set company-wide targets to reduce CO<sub>2</sub> emissions and reinforced CO<sub>2</sub> reduction activities across all sites. At the Hachioji Facility however, which is positioned as a 'large-scale business institution' under the Tokyo Metropolitan Ordinance on Environmental Preservation, and a 'class II specified business institution' under the Energy Saving Act, CO<sub>2</sub> reduction efforts were carried out with particular focus on systematic installation of energy-saving equipment, as well as the introduction of energy savings-related equipment operation controls and CO<sub>2</sub> visualization methods. In addition, at the Ube Facility we updated the aging facility and strengthened the facility's energy-saving operation controls. This gradually reduced company-wide CO<sub>2</sub> emissions up to FY 2010. In FY 2011, the Obihiro site relocated to a larger location (2.4 times the floorspace), and although this caused a 4.3% year-on-year emission increase, we equipped the building with the latest in energy-saving technologies.

The number of offices increased due to a relocation of our headquarters in FY 2012. Despite this, we were able to reduce CO<sub>2</sub> emissions by 2.6% in FY 2013 compared with FY 2011. This was owing to continued compliance to summer power restrictions from the Ministry of Economy, Trade and Industry, coupled with compliance to the Energy Saving Act, Global Warming Solutions Act, and Tokyo Metropolitan Ordinance on Environmental Preservation.

In understanding and reducing CO<sub>2</sub> emissions, we are committed to making efforts that reflect social responsibility - especially given their effect on the company's growth and world trends.

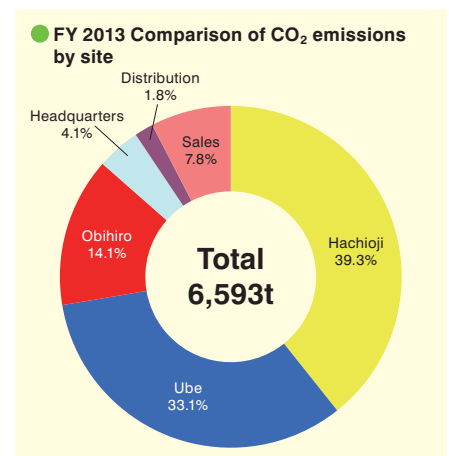
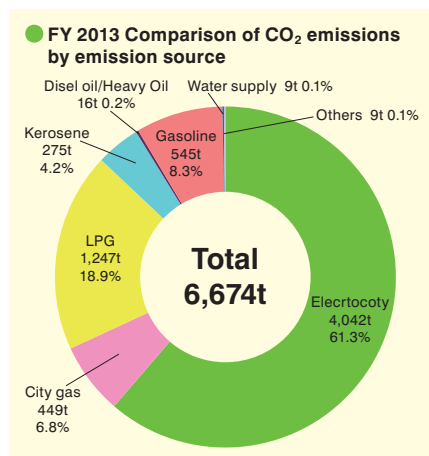


### Comparison of CO<sub>2</sub> emissions by emission source and site

91.2% of CO<sub>2</sub> emissions originated from light and heat energy, most of which consisted of electricity-61.3%, LPG-18.9% and city gas-6.8% for FY 2013.

Although in FY 2011 we installed energy-saving equipment and equipment operation controls, especially at the Hachioji Facility, emissions increased 4.3% compared with the previous year due to the expansion and relocation of the Obihiro Facility. Since FY 2012 we have aggressively concentrated efforts into CO<sub>2</sub> reduction measures at key sites, including the Obihiro site, and achieved a 2.6% CO<sub>2</sub> emission reduction for FY 2013 compared with FY 2011. Company-wide CO<sub>2</sub> emissions at plants and research sites (Hachioji, Ube, Obihiro) accounted for 86.5% of the total. We believe there is a need to intensify the introduction of CO<sub>2</sub> emission-reducing equipment and equipment operation controls particularly focusing on these areas.

In addition, given that CO<sub>2</sub> emissions from gasoline used in company vehicles accounted for 8.3%, we are strictly ensuring eco-driving methods are followed and switching to vehicles with better fuel economy.



## Environmental performance – 2

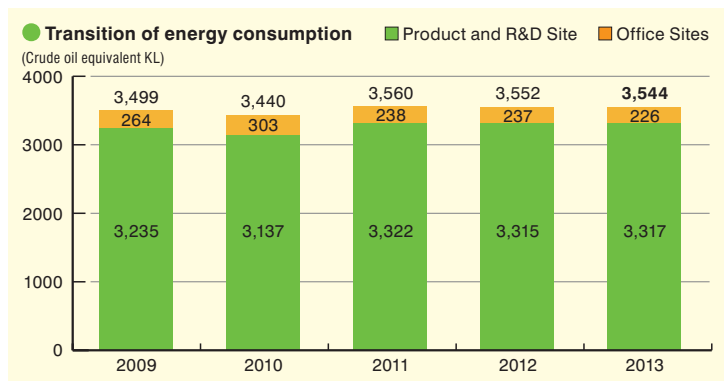
### Reduction of energy consumption

In 2010, we began work in earnest to reduce energy consumption by setting medium term targets. It was the year the amended Energy Saving Act came into effect. Our energy use in fiscal year 2006 increased by 23.2% over the previous year. This was attributed to the new Ube Facility coming online. Since fiscal year 2007, we have set the reduction of electricity use as our company-wide goal, and every site has strengthened its commitment to it. At our Hachioji Facility, in particular, where a Type 2 Specified Plant designation from the Energy Saving Act and a large-scale plant designation from the Tokyo Metropolitan Ordinance on Environmental Preservation are in effect, we carried out a reduction policy that centered on deliberately introducing energy-saving equipment as well as facility operation and management techniques that contribute to energy conservation. As a result, we gradually reduced our company-wide energy consumption up to fiscal year 2010. However, there was a 3.5% increase in energy consumption in FY 2011 compared with the previous year due to the expansion and relocation of the Obihiro Facility (with 2.4 times larger floor area than its previous location).

From 2012, in addition to the Energy Saving Act, the Global Warming Solutions Act, and the Tokyo Metropolitan Ordinance on Environmental Preservation, we were able to reduce power use by 1.4% in comparison with the previous year owing to the compliance to summer power restrictions from the Ministry of Economy, Trade and Industry.

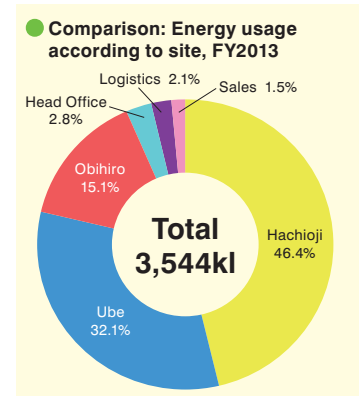
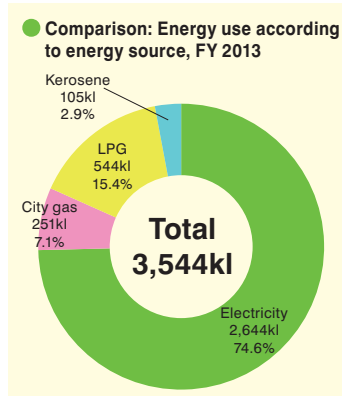
Further, energy consumption was reduced 0.2% compared with the previous year despite an increase in offices due to relocation of our headquarters in FY 2012. This should be appreciated as the result of having the forethought to relocate to a tenant building that imposes less impact on the environment. FY 2013 also showed a YOY reduction of 0.2% through the implementation of further energy saving measures.

We will concentrate efforts company-wide in FY 2014, reduce energy consumption, and comply with the compulsory energy-use reduction of an average 1% per year (consumption rate, which is obligated under the Energy Saving Act.



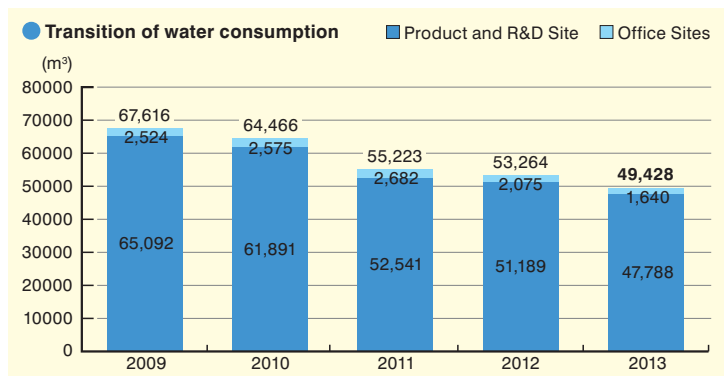
### Comparison: Energy Use by Emission Source and Site

Total energy use is broken down into the following types of energy: electricity, city gas, liquefied petroleum gas (LPG), kerosene, light gas oil, and Bunker A. Total energy use is broken down into the following types of energy: electricity, city gas, liquefied petroleum gas (LPG), kerosene, light gas oil, and Bunker A. 73.6% of our energy comes from electricity, 15.4% comes from LPG, and 7.5% from city gas. The plants and research sites (Hachioji, Ube and Obihiro Facilities) used 93.4% of all energy consumed by our company. Production and research equipment, as well as energy used by ancillary equipment to support production and research operations took up an extremely large proportion of energy, even company-wide. There is a need to further intensify the installation of energy-saving equipment, and equipment operation controls related to energy-saving, especially at the plants and research sites.



### Initiatives to reduce consumption of water resources

The importance of water resources cannot be ignored. In addition to CO<sub>2</sub> conversion for water resources in FY 2009 onwards, efforts have been taken to set reduction targets. We also succeeded in drastically reducing water use, achieving a 26.9% reduction in FY 2009 compared with FY 2013, which equates to a 7.2% reduction YOY. We plan to continue these efforts to reduce consumption of our precious water resources on a company-wide basis in the years to come.



## Environmental performance – 3

### Reduction of Office Paper consumption

We succeeded in reducing the previous Office Paper consumption by half, by the following year after commencing activities in 2000 such as double-sided use of copy paper, electronic documentation of environment-related documents, and thorough use of non-printed matter. However, consumption increased in the subsequent three years due to response to the revision of the Pharmaceutical Affairs Law and an increase in sales promotion materials. Corporate-wide reduction activities have been developed since fiscal 2005 and the corporate-wide medium-term reduction target was set to enhance the reduction since fiscal 2007.

As a result, in FY 2013 we achieved a 24.5% reduction in office paper use across all sites compared with FY 2009. Office paper purchases amounted to 9,389 kg, which was the first time to fall below the 10,000 kg mark.

In fiscal 2014, we set a corporate-wide medium-term reduction target (4% reduction compared with fiscal 2009), and will work on stricter reduction control at the Head Office Site of which paper consumption is high.

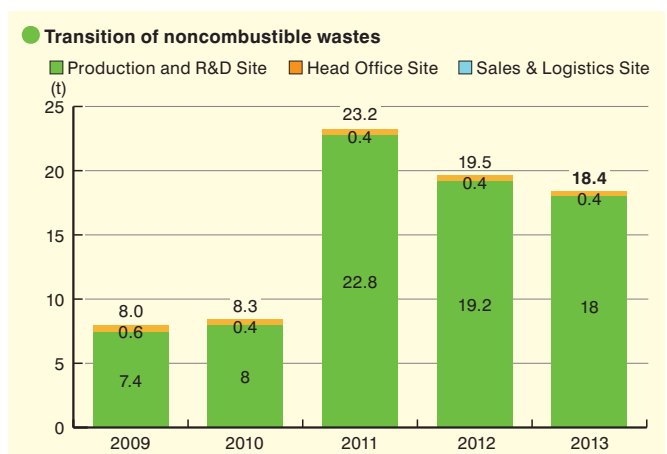
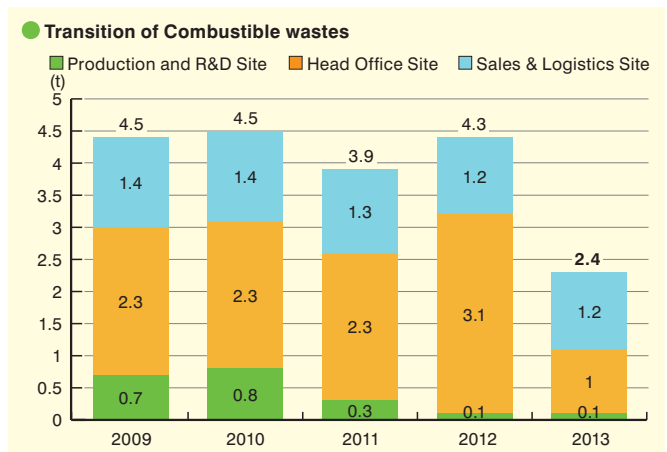
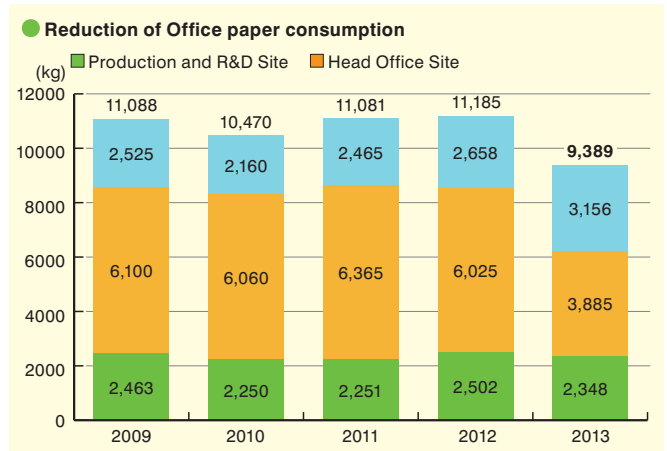
### Reduction of Generation of Wastes and Roper Waste Disposal

As a result of the promotion of corporate-wide stricter separation and promoting recycling by entrusting recycling work to an industrial waste processor since fiscal 2006, the total combustible wastes have decreased from year to year. Particularly, we succeeded in the 100% recycling of combustible wastes at the Hachioji Facility in fiscal 2007, achieving zero generation of combustible wastes. We have also promoted recycling efforts at other sites as well. Emissions in FY 2013 reached 2.4 t, or 76.2% reduction compared with FY 2006.

As for non-combustible waste, the total amount of emissions has decreased year-after-year up to FY 2010, as a result of promoting strict waste separation and recycling company-wide since FY 2006. At the Ube Facility and headquarters in particular, a 100% recycling record of non-combustible waste was achieved in FY 2010.

Since FY 2010 we have recycled the sludge leftover after laboratory animal manure disposal at the Obihiro site, and used a melting-furnace to recycle testing equipment, parts and other items at the sales site. This has led to achieving a 6.0% (18.4 t) YOY reduction of non-combustible waste emissions in FY 2013. We will intensify our efforts for both combustible and non-combustible waste in FY 2013, aimed at an even further improved "Zero Emission Trial-Run."

We will also concentrate efforts on reducing the total volume of waste at all sites.



## Environmental Efforts

### Environmental performance – 4

#### Control of chemical substances

We are controlling the amount of purchase and release of PRTR object substances in accordance with the relevant laws and regulations, and are implementing their appropriate use, storage and control. The quantity of hazardous substances purchased, and their waste is managed according to laws, and their proper

use and storage are strictly managed. We consider the impact hazardous chemicals have on air and water, and take measures to dispose of them properly as waste matter whenever possible. The table below lists the top 20 chemical substances by amount handled among substances subject to PRTR.

(Unit : kg)

	Name of substances	Total Handled	Release			Transfer		Consumption	Removal and Disposal
			Air	Water	Land	Wastes	Sewerage		
1	Acetonitrile	257.6	0.0	0.0	0.0	257.6	0.0	0.0	0.0
2	Acetone	225.9	0.0	0.0	0.0	225.9	0.0	0.0	0.0
3	Formaldehyde	181.6	4.1	0.0	0.0	177.5	0.0	0.0	0.0
4	Hexane	144.0	0.0	0.0	0.0	144.0	0.0	0.0	0.0
5	Sodium azide	120.5	0.0	7.0	0.0	0.0	27.9	85.7	0.0
6	Ethyl sulfate	99.4	0.0	0.0	0.0	99.4	0.0	0.0	0.0
7	Hydrochloric acid	91.0	0.0	0.0	0.0	0.8	35.2	55.0	0.0
8	Methanol	53.0	0.0	0.0	0.0	41.6	0.0	11.4	0.0
9	N,N-dimethylformamide	44.1	0.0	0.0	0.0	43.1	0.3	0.7	0.0
10	Chloroform	28.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0
11	Glutaraldehyde	16.7	0.0	0.0	0.0	0.2	16.5	0.0	0.0
12	Sodium dodecyl sulfate	16.1	0.0	3.5	0.0	1.8	2.8	8.0	0.0
13	Toluene	15.9	0.0	0.0	0.0	15.9	0.0	0.0	0.0
14	Xylene	14.4	0.0	0.0	0.0	14.4	0.0	0.0	0.0
15	Dichloromethane	13.7	0.0	0.0	0.0	13.7	0.0	0.0	0.0
16	Isopropyl alcohol	9.9	0.0	0.0	0.0	9.9	0.0	0.0	0.0
17	Octylphenyl Ether	8.4	0.0	1.1	0.0	4.6	2.4	0.3	0.0
18	Boric acid	8.2	0.0	0.0	0.0	5.4	0.6	2.2	0.0
19	Acrylamide	4.8	0.0	0.0	0.0	4.8	0.0	0.0	0.0
20	Styrene	4.7	0.0	0.0	0.0	4.5	0.2	0.0	0.0

#### Efforts to laws and regulations

##### (I) Energy Saving Act: Energy Consumption Report

Fiscal Year	2007	2008	2009	2010	2011	2012	2013	Last 4 years AV
Energy consumption	0.0947	0.0854	0.0835	0.0815	0.0803	0.0792	0.0794	0.0801
Compared with the previous fiscal year (%)		90.2	97.8	97.6	98.5	98.6	100.3	98.7

★1% annual average reduction obligation (consumption rate) ⇒ Annual average reduction of 1.3% (FY 2010 to FY 2013)  
Consumption rate = Energy consumption (crude oil equivalent KL) ÷ total office floor space

##### Specified operators (all sites total) annual CO<sub>2</sub> emissions

Electric/Gas/LP	2006	2007	2008	2009	2010	2011	2012	2013
CO <sub>2</sub> (t) total amount	7,515	7,522	7,447	7,056	6,425	6,821	7,373	8,245

★Due to the ministry's revised Energy Saving Act, specified businesses began reporting in FY 2009

★Due to power supply of thermal power caused by the suspension of nuclear power, the CO<sub>2</sub> conversion factor of power companies is higher, thus the reduction ratio is decreasing

##### (II) Mandating emission reductions in Metropolitan Tokyo's global warming countermeasures and the emissions trading scheme: Mandating emission reductions at the Hachioji Facility

	2009	2010	2011	2012	2013	2014	Total reductions during compulsory period
Reference emissions amount		3,329	3,329	3,329	3,329	3,329	16,640
Compulsory reduction rate		6.0%	6.0%	6.0%	6.0%	6.0%	
Emissions upper limit							15,645
Specific greenhouse gas emissions amount	2,682	2,639	2,483	2,510	2,590		10,521
Emission reduction amount		689	845	818	738		3,090
Excess reduction issuable amount		490	646	619	539		2,294

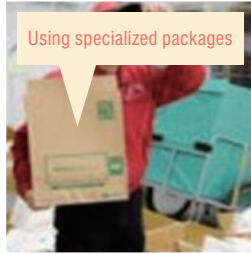
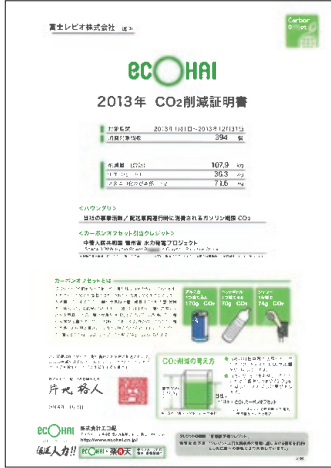
★Reference emissions amounts are average values from FY 2002 to FY 2004. (Extended from the old system)

A carbon emission trading account for the Tokyo Emissions Trading Scheme has been established.

## Our Efforts to Reduce Environmental Burdens (1)

### Making environmental initiatives visually accessible (Hamacho office)

In the business district surrounding the Hamacho site we use “ecohai” (an eco-friendly delivery service), which is not only more cost-effective than the options at our former headquarters, but also features the ecological benefit of zero CO<sub>2</sub> emissions. Although it is not a major reduction, the reduction certificate that we receive puts our efforts in an easily understandable visual form.



Using specialized packages



## Our Efforts to Reduce Environmental Burdens (2)

### FY 2014 - Earning an Award of Excellence in the Eco-Driving Competition!

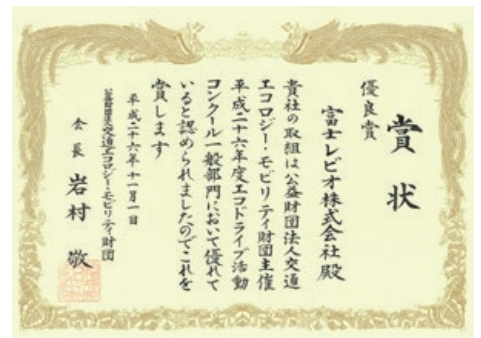
Promoting eco-driving has the indirect benefits of improving fuel economy - which ties to reduced environmental impact - reduces the cost of processing accident claims, and reduces insurance premiums. It also has the direct benefit of reducing accidents. 178 cars are used by the sales department. In our initiatives to promote lower fuel consumption, we participated in a foundation-sponsored Eco-Driving Competition, and upon inspection we were awarded an Award of Excellence in the general category of white-plated passenger series vehicles.



Fuel-efficient cars



Checking tire pressure before work



Recognition award from the 2014 Eco-Driving Competition

## Our Efforts to Reduce Environmental Burdens (3)

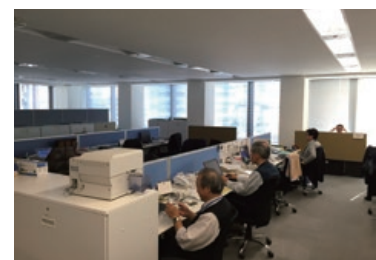
### Environmental impact reduction activities at the office



Trash separation corner



Control of office paper and toner usage



Partial light-out during lunch

## Our Efforts to Reduce Environmental Burdens (4)

### Green purchasing initiatives

We use green purchasing, which singles out environmentally conscious products, whenever purchasing consumable products used in the office, print materials, and other such items.



97% of our consumable office goods are procured via green purchasing.

## Our Efforts to Reduce Environmental Burdens (5)

### Summer power-saving measures become more firmly entrenched.

- In FY 2013, the “Summer 2013 Estimated Maximum Power Demand” calculated by each power company predicted that power saving measures would become firmly established and did not indicate specific numerical targets to remain below its power supply capacity.
- Based on today’s situation of increasing electricity tariffs and increasingly more power being generated through high CO<sub>2</sub>-emission-producing thermal power generation means, the government, power companies, and Federation of Pharmaceutical Manufacturers’ Associations of Japan urged that qualitative electricity cutbacks and energy conservation measures be implemented reasonably and without numerical targets.

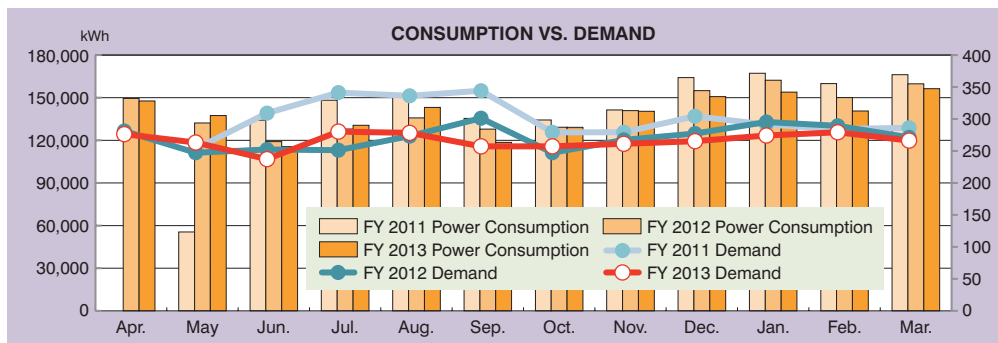
kW	Hachioji			Ube			Obihiro			Hamachou		
	July	August	September	July	August	September	July	August	September	July	August	September
2013 targets	1,400	1,400	1,400	542	543	543	284	284	284	158	158	158
2013 Max. demand values by month	1,428	1,402	1,322	515	515	497	272	270	249	146	169	137
2012 Max. demand values by month	1,291	1,258	1,253	467	501	516	243	265	293	167	169	161
2011 Max. demand values by month	1,116	1,102	996	546	546	551	333	328	336	162	177	162
2013 Power Use (kWh)	537,139	584,578	534,043	247,674	245,760	213,882	130,576	143,196	118,571	38,022	43,851	32,861
2012 Power Use (kWh)	475,692	552,494	513,418	227,156	256,242	233,376	127,995	135,800	127,922	48,120	54,406	43,781
2011 Power Use (kWh)	480,895	500,234	471,161	234,666	246,780	229,968	148,214	15,735	135,416	45,520	46,932	37,848
Baseline power saving targets	Target of approx. 11% TEPCO power savings compared to max. power demand of 1572 kW in FY 2010. Resulting reference value is 1400 kW.			Target of approx. 4% power savings compared to max. consumption of 578 kW in FY 2010 in Chugoku Electric Power supplied area. Resulting reference value is 543 kW.			No track record exist for FY 2010. Target of approx. 6.3% power savings compared to consumption of 336 kW in FY 2011 in the Hokkaido Electric Power supplied area. Resulting reference value is 315 kW.			Since FY 2010 demand was not monitored, uses an approx. 11% power savings compared to consumption of 177 kW in FY 2011 in the TEPCO supplied area. Resulting reference value is 158 kW.		
Results	Overshot demand due to moderate power saving efforts intended to maintain the working environment.		Total power consumption 1,655,760	•Met demand targets with moderate power saving measures. •Total amount lower than reductions in same period of previous year.		Total power consumption 707,316	•Met demand targets with moderate power saving measures. •Maintaining total amounts in line with reductions in same period of previous year.		Total power consumption 392,343	Tenant bldg. overall demand monitoring overshoot by one day. Power totals are reduced due to occupancy conditions.		Total power consumption 114,734
			1,541,604			716,774			391,717			146,307
			1,452,290			711,414			299,365			130,300

\*Summer period power saving measures were implemented using the established power saving rate of each power company as reference values, and relative to the maximum demand of the same period in FY 2010 (the year before the earthquake).

## Our Efforts to Reduce Environmental Burdens (6)

### Winter power-saving measures become more firmly entrenched at the Obihiro office.

- Power supply and demand measures are put to the test at the Obihiro office in Hokkaido, where it is characteristically more challenging in winter than summer. Continuing from last year, efforts to further establish the Obihiro office's voluntary 7% power saving efforts were carried out between December and March.



#### ● FY 2013 maximum demand targets

The maximum power consumption target for FY 2013 was 284 kW, which represents a 3% reduction from the 293 kW recorded in September 2012 for the summer period. As for the winter period, although numerical targets were not indicated from Hokkaido Electric Power, in response to a request to conserve power during weekdays from December 1 to March 31, we directed efforts towards power saving measures of 278 kW, which represents a 6% reduction of the 296 kW recorded in December 2011. This fiscal year, we were able to achieve both our summer and winter period targets. The 272 kW maximum power demand recorded in July 2013 represented a 7.2 percent reduction over the previous year.

#### ● 2013 year-to-year power consumption targets

FY 2013 power consumption was reduced 1.5% (25,307 kWh) in contrast with a 1% target in the previous fiscal year.

#### ● FY 2013 winter power consumption

Although there were no numerical targets indicated from Hokkaido Electric Power, FY 2013 winter power consumption (December to March) was reduced 4.1% (25,412 kWh) compared with the previous year (2012) in response to a request to conserve power during weekdays between December 1 and March 31.



The Obihiro office in winter

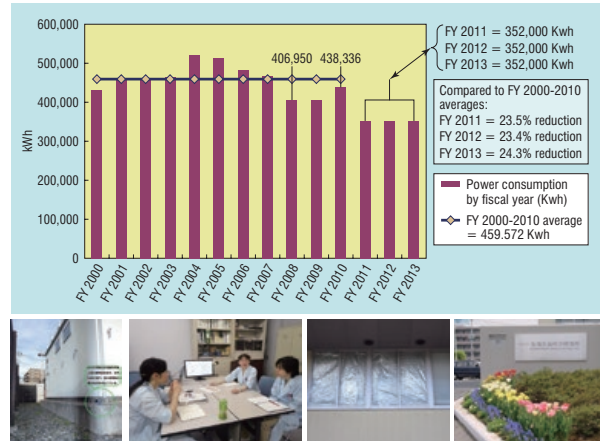


## Introduction to Site Activities

### The Advanced Life Science Institute - Introduction to business environmental activities

We play a role at sites in Fujirebio Group's environmental organization. Including partner companies, our group is made up of 21 plus members, and we develop business activities comprising mostly of research activities. With our slogan to "Be first globally," not only do we deliver a myriad of diagnostic products, but also perform research and development on viral hepatitis diagnostic agents, through which research on viral infection models is carried out. Through collaborative research with external research institutions, we also advance research and development on new diagnostic agents and biomarkers such as cancer markers. In terms of environmental activities, although Fujirebio Group has always been committed to placing emphasis on environmental protection and safe operations, spurred by a directive from senior management that all domestic group companies obtain international standards of ISO Environmental Management, we successfully attained ISO 14001 Certification in November 2012.

In order to build environmental activities that more closely connect with research and development operations, reagents used in research were compiled into a database and measures such as selecting those with the least impact on the environment were adopted as a theme and promoted in this year's Environmental Discussion. This is based on the concept of environmental activities with highly-maneuverable small groups of people and also follows in the footsteps of previous activities undertaken by Fujirebio Group. A number of creative and innovative ideas have been promoted as environmental activities on a more accessible level. Some of these include paperless meetings that utilize large display monitors, eco-cap activities, using an emergency blanket as a shield to block radiant heat at windows, and using store-bought measuring instruments in a DIY simplified demand system. Electric power reductions have taken place since the earthquake disaster in FY 2011 and by FY 2013 a roughly 23% reduction has been realized.



## Links with the community

### Eco-friendly Summer Festival!

We held an Eco-Friendly Summer Festival. The indirect emissions of the customary annual event were offset through the purchase of J-VER Credits.

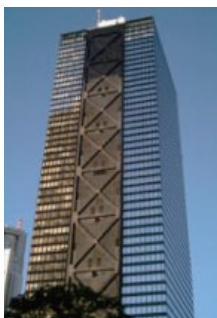


Iwate Prefectural Forest J-VER



### Participation in cleanup operations in the urban sub-center of the 2020 Olympics host city

The Shinjuku Mitsui Building staff from Shinjuku headquarters participates in a Shinjuku Beautification Campaign on Zero Waste Day. Fujirebio staff also volunteer their lunchtime to participate in cleanup efforts that building tenants are invited to take part in.



Cleaning up around Nishi-Shinjuku (1)



Cleaning up around Nishi-Shinjuku (2)



A cleanup activity poster inviting participants

### Academic and cultural exchange with local communities

Approached from the perspective that, "The basic function of business activities is to contribute to society," the Mediacopia Educational Symposium, which has been held every January since 1981. Academic book publisher Mediacopia continues to deliver this academic and cultural activity that provides people with a variety of medical knowledge and information.



Mediacopia series academic books

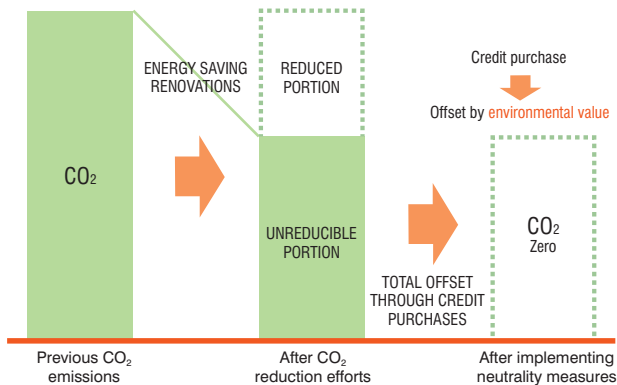


2014 Mediacopia Symposium

## Carbon Neutral Certification (CN Certification) Fujirebio Awarded Model Project Certificate

In our FY 2013 report we introduced the Hachioji office, which has special reductions based on being a specified business location. Using this office as a model, in November 2011 we applied and were selected for the Carbon Neutral Certification Pilot Project (hereinafter, "CN Certification Pilot Project") sponsored by the Ministry of the Environment. In the CN Certification Pilot Project, we calculated the amount of CO<sub>2</sub> emissions associated with energy consumed across all offices, as well as emissions produced by other sources that include commuting and business trips (known as Scope-3 emissions). The calculations were verified by a third-party verification authority, upon which the company's registration in the Carbon Neutral Plan was approved. As the next step in this initiative, in October 2013 we applied and were selected for the Model Project for Carbon Neutral Certification. In this model project, we leveraged insight gained from registering in the pilot project to direct efforts towards carbon emission neutrality (Zero CO<sub>2</sub>) at our offices through purchasing Emission Credits (hereinafter, "credits") equivalent to the amount of CO<sub>2</sub> emissions we were unable to reduce through other CO<sub>2</sub> reduction effort. Finally in March 2014 we were awarded our certification. In this manner, our company became just the third case in Japan to become certified after implementation of the country's Carbon Neutral system, which offsets all CO<sub>2</sub> emissions generated by plants and offices.

### The Carbon Neutral concept



### CN certification label

The CN certification labels Fujirebio obtained are for use on business cards, environmental reports, web pages, and other such items to attract community interest in the company's carbon neutral efforts and resulting activities taken to contribute to the environment.



### New initiatives for the Model Project for Carbon Neutral Certification

One point we would like to call attention to in implementing the most recent Model Project for Carbon Neutral Certification, is that Fujirebio not only puts efforts into activities that contribute to the environment, as before, but also pro-actively participates and cooperates in efforts to raise awareness of the advanced companies in Japan. Since it is important for everyone within the company to understand our initiatives, we ask University teachers who are authorities in setting objectives, estimation work, assessment methods, work systems and other such fields to provide guidance and in-house study sessions. System diagram of our initiatives is shown below.



At the 2014 Carbon Market Expo



Exhibition booth



Presentation



## Various credits purchased to achieve neutrality

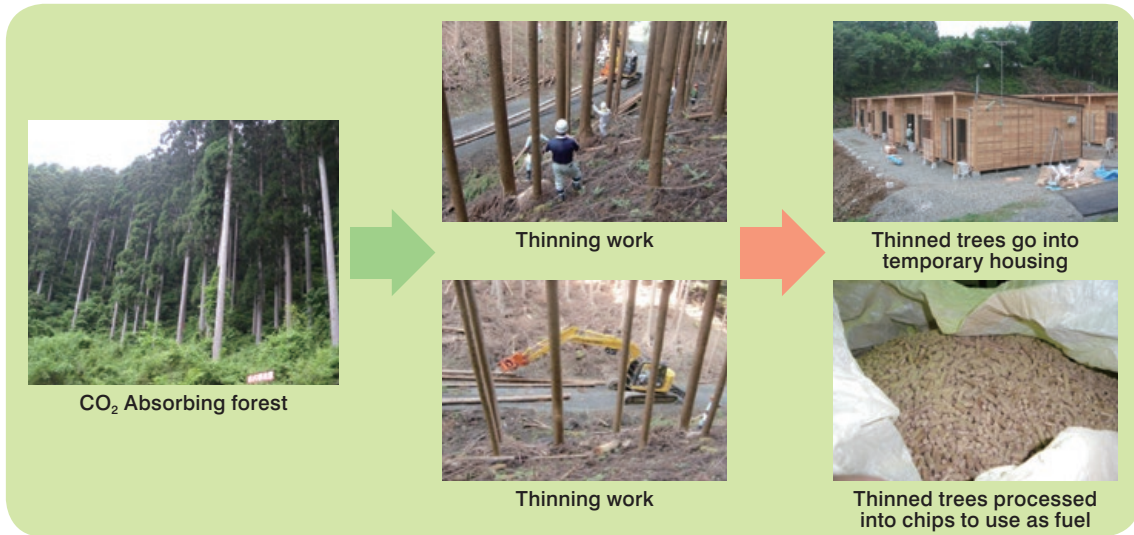
Under Japan's Carbon Neutral Certification Scheme, the types of credits that can be applied to achieve neutrality (for CO<sub>2</sub> emissions that still remain after exhausting reduction efforts) are predetermined. We currently purchase the three meaningful credit types shown below after careful consideration of their specifics. We support disaster stricken areas through the purchase of what is termed "Disaster-Area J-VER" credits for the Great East Japan Earthquake stricken areas of Iwate and Miyagi prefectures. For domestic credits, we support welfare institutions through the purchase of welfare institution credits. For Kyoto credits (CER), we purchase credits created out of a methane gas recovery project in the Republic of Armenia.

### Various credits that have been purchased

CREDIT TYPE	PURCHASE POINT	AMOUNT
Disaster-Area J-VER	Iwate Prefecture, Department of Agriculture, Forestry and Fisheries, Forest Conservation Division	30 t-CO <sub>2</sub>
Disaster-Area J-VER	Tome City, Industrial Economic Affairs Department, Agriculture and Forestry Policy Division	100 t-CO <sub>2</sub>
Disaster-Area J-VER	Yonekawa Production Forest Cooperative	50 t-CO <sub>2</sub>
Domestic credit	Green Investment Promotion Organization	1,300 t-CO <sub>2</sub>
Kyoto Credits (CERs)	Shimizu Construction (Armenia methane gas recovery project)	1,200 t-CO <sub>2</sub>
		Total: 2680 t-CO <sub>2</sub>

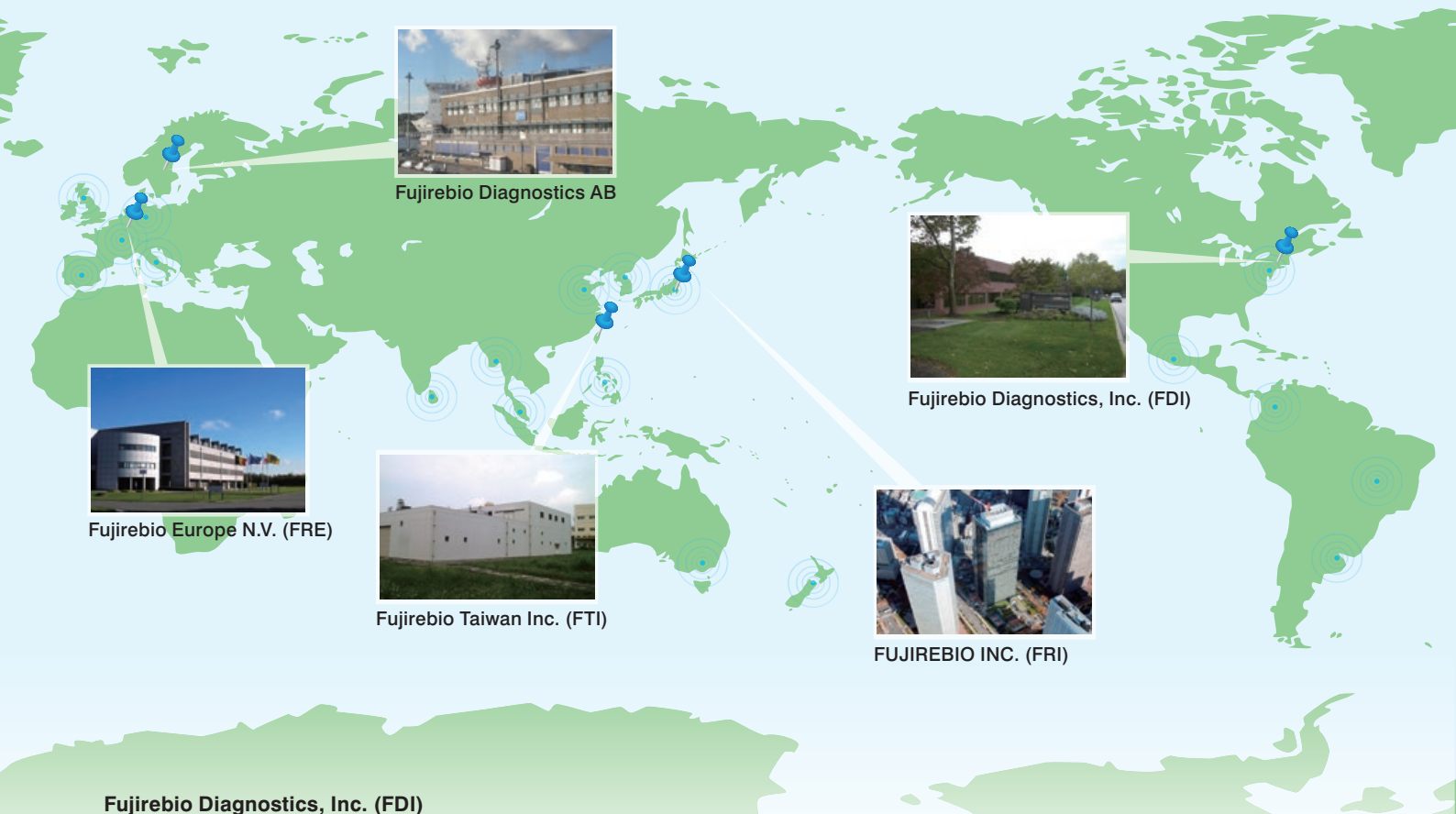
### Contributions to forest preservation efforts and CO<sub>2</sub> reduction

Fujirebio contributes to forest preservation efforts and CO<sub>2</sub> absorption by taking advantage of the Offset Credit (J-VER) Scheme market mechanism.



## Introduction to our overseas environmental activities

In pursuit of becoming a global company, Fujirebio has established manufacturing and sales facilities in the United States, Asia, and Europe. We also supply clinical diagnostics to more than 100 countries around the world. In terms of environmental activities as well, we are committed to the preservation of the global environment in concert with our overseas bases. Fujirebio and each of its overseas sites develop environmental activities independently, however, to support various environmental aspects and certification audits we are advancing the exchange of information to build a cooperative framework. Introduction to some overseas offices.



Fujirebio Diagnostics AB



Fujirebio Diagnostics, Inc. (FDI)



Fujirebio Europe N.V. (FRE)



Fujirebio Taiwan Inc. (FTI)



FUJIREBIO INC. (FRI)

### **Fujirebio Diagnostics, Inc. (FDI)**

FDI's U.S. office has acquired and maintains ISO 14001 certification. FDI's environmental activities have been deployed under an environmental health and safety management system. Major activities include: (1) Compliance with legal requirements, (2) Communication with stakeholders, including employees, (3) Continuous improvement, including products that take into consideration the environment, and (4) Pollution prevention. (Reference: [http://www.fdi.com/about\\_us/environmental.html](http://www.fdi.com/about_us/environmental.html))

### **Fujirebio Europe N.V. (FRE)**

FRE based in Europe has set out to build an environmental management system and acquired ISO14001 certification. In their environmental activities, they are developing systems and integrating quality control systems. FRE is working towards their goal of complying with legal requirements while practicing continuous improvement. One major activity they are engaged in is reconsideration of their heating and cooling systems being as they regard energy consumption as an important environmental aspect. They are also placing focus on commuting. (Reference: <http://www.fujirebio-europe.com/about-fujirebio-europe/fujirebio-europe-and-iso-14001-standard>)

### **Fujirebio Taiwan Inc. (FTI)**

FTI, one of the offices in Asia, assumes responsibility for producing FR products. They maintain ISO 9001 and ISO 13485 certification, and are building a GMP compliant framework. Although they have not acquired ISO 14001 Certification, they continue with business improvements and other basic environmental activities, such as compliance with local environmental laws and regulations, waste separation, and reuse of office paper.

### **Fujirebio Diagnostics AB**

FDI subsidiary based in Sweden, here they manufacture and sell testing kits, reagents for research, and raw materials.

## Subsidiary company TFB discontinued operations due to merger

On April 1, 2014, subsidiary company TFB was merged into the company. TFB's headquarters, which was located in the Hamacho office, was integrated into Fujirebio's Nishi-Shinjuku headquarters. Collectively, TFB's Hachioji plants were added as new sites: Fujirebio Plants No.2 and No.3.

## Chubu branch relocated

On September 1, 2014, the Chubu branch was relocated to the Daiwa Meieki Building in front of Nagoya Station, which provides more convenient access by train or car.



## Shinagawa office launch, Wangan branch consolidation, and elimination of the Hamacho office

The Nihonbashi Hamacho FR Building was discontinued on November 3, 2014. The Wangan branch was consolidated into a tenant building in a building known as 'Rivarge Shinagawa' in Konan Minato and launched as the Shinagawa office on November 4, 2014.



## **Message from the Environmental Manager**

### **Akira Suenaga**

I am very pleased to have an opportunity this year again to deliver our Environmental Report to our valuable stakeholders. I also would like to express my gratitude to readers of this report for paying attention to our initiatives and outcomes for environmental conservation.

Fujirebio has made considerable efforts to enhance its Environmental Management System (EMS) and activities for environmental conservation since obtaining ISO 14001 Certification in 2001, and reached to the point of receiving mostly preferred assessment from the TUV inspection. Meanwhile, we are constantly seeking new challenges every year to avoid letting our routine activities for sustainability into a formality. Obtaining Carbon Neutral Certification (CN Certification) is one of the challenges we targeted in 2011, and the company was granted with Model Project Certification and CN Certification by the Ministry of Environment in March 2014. Another objective we started to challenge from last year focuses on aspects of environmental impact directly related to each divisional operation and reflects them on environmental activities held by each department.

We have received assessment and adequate advice on our EMS and environmental activities consisting of these new challenges during this year's scheduled TUV inspection to sustain the ISO 14001 Certification. Through the inspection, some issues concerning environmental activities directly related to each divisional operation became apparent while the company was given an overall assessment for maintaining the high standards. This is a motivating challenge and proper direction for us. Although the report concluded that extending awareness across our divisions was a positive trend, there were still many cases where discussions remained superficial. Thus we were advised to conduct more in-depth discussion and goal setting. We would like to move forward through developing discussions on environmental aspects that directly links to business activities and incorporating the outcomes into our objectives.

We are taking up a new challenge this year, which is to strengthen cooperative ties with SRL. This challenge intends to advance the collaboration and integration with the other key company of the Miraca Group and advance the degree of environmental activities for both companies, from the perspective that they are a part of the Miraca Group's CSR efforts.

Although Fujirebio and SRL differ in business formats, one being in the manufacturing and the other in the service industry, we aims to interweave our activities with synergies focusing on common matters and perspectives with the unique traits of the Miraca Group. Against this backdrop, Eco-Driving Competition is what we immediately implemented, and the focus is to share expertise between both companies and promote eco-driving which reduces environmental impact at the same time. Fujirebio and SRL both merited the Awards of Excellence, and this was not only a good start but also an opportunity to encourage further efforts toward this initiative.

We will continue to heighten the aspects of our business which directly affect environment as well as the magnitude of the Miraca Group's environmental activities. We always welcome and appreciate encouragement and support from our valued stakeholders.



**Akira Suenaga**  
Environmental Manager

## ■ Postscript by the editor

This environmental report marks the 10th issue since first publication in 2005.

It provokes mixed feelings - in a sense it feels like a long road, but in some ways it feels as though the time flew by. Looking back, after much trial-and-error the key concept of our premier report was to communicate our situation frankly, without embellishment, and in an easy-to-understand manner. For our second report in 2006, the key concept was the hope that when our staff's awareness gradually merged with our business and environmental efforts, that we would achieve an idealized state in our environmental activities. Then, the key concept for our third report in 2007 shifted from "merging business and environment" to "activities that benefit the environment." Combining this with "contribution to local community," and after much trial and error, we have finally come to the 2014, 10th edition of this report.

During all this time, we at head office have been greatly supported by not only obviously the people within the company, but by those outside of it as well. Thanks to this we have been able to continue publication without interruption, and are filled with a sense of gratitude.

In the past 10 years, we have also experienced extreme weather events, which are said to be caused by global warming - another massive issue among global environmental problems. These seem to grow more violent by the year and ravage countries around the world. Much damaged has resulted, and we in Japan are no exception. The earthquakes, volcanic interruptions, and other events that display nature's fury remind us of small and helpless man in the face of nature.

Yet, protecting the global environment for future generations is something in which we all have no choice but to practice what environmental activities we can with steady and accumulated effort, and concentrate the strengths of many people. Perhaps through sincere hands-on approaches by each person, family, business, government, and country in the world we will gain the power to stem the world's environmental problems for the first time.

In the president's message in this report, he reemphasized the company's positioning, which echoes the key concept of the 2007 report; namely that, "Environmental activities should be in parallel with business activities, and that business activities should satisfy the question of how they contribute to society."

While bearing in mind the significance of these words, we continue to devote ourselves to our work and to environmental activities in a broad sense. It is our hope to provide stakeholders with a report that communicates these feelings.

Our discussion has gone slightly outside the scope as far as editor notes for the report, however, I lastly wish to thank you sincerely for reading the "Fujirebio 2014 Environmental Report" and truly hope you were able to get to know about our company's efforts, as well as the origin of our company name. Please do not hesitate to share your frank opinions.

Sincerest regards,

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