Since the company’s formation, under its management philosophy of contribution to global 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 diseases, 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, 2016)

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, Yoshihiro Ashihara
Business activities : Manufacturing, sale and import/export of clinical diagnostic reagents and assay instruments.
Paid-in capital : ¥4,252,902,860
Plants and offices :
    Shinagawa Office, Hachioji Facility, Hachioji Plant No.2, Hachioji Plant No.3, Sagamihara Plant, Obihiro Facility, Ube Facility, Distribution Center, Kuki Distribution Center, Tokyo Branch (in the Shinagawa Office), Capital Region Branch (in the Shinagawa Office), Kanagawa Branch (in the Shinagawa Office), Hokkaido Branch, Tohoku Branch, North-kanto Branch, Chubu Branch, Osaka Branch, Chushikoku Branch, Kyushu Branch
Number of employees : 575 (as of the end of March 2016)

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.
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 12th report in a manner which helps to give a holistic view of our ongoing environmental protection activities for our employees, people in the community, and our 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 now consists of members in our overseas group companies.

Although we introduced a report on environmental activities at our overseas group companies in the TOPICS section of our last report, 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 each year.

The demand for industry to be environmentally conscious grows increasingly, and we are committed to expanding our voice and activities in facing the situation, no matter how large or small the effort. Our entire group is committed to making further improvements to reduce environmental impact.

In preparing the 2016 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.

*The Fujirebio Environmental Report is issued as a yearly report which is also made available on our website in Japanese and English versions.
Global warming, which has led a number of issues including energy resource depletion and climate change, has grown into an urgent issue that must be dealt with on a global scale in this century. Proactive measures to protect the environment, beginning with the conservation of resources and energy, are now expected of companies as their corporate social responsibility.

As a global life science company, Fujirebio aspires to contribute to society based on our management philosophy that affirms that, “ Contributing to Global Healthcare through the Creation of New Values with Respect for Human Life and Commitment to People’s Health.” As part of our environmental statement aimed toward the realization of our philosophy, we have established the intent to make all possible efforts to protect the environment, and are committed to maintaining good relations with local communities. Since acquiring ISO 14001 certification in 2001, we have continued to proactively engage in activities that reduce burdens imposed on the environment. With regard to reducing energy use, waste, and CO₂ emissions - which one could argue sits at the very foundation of this - we have set 5-year medium-term targets as well as annual targets, and our continued efforts have paid off with increasingly successful results.

As a company involved in the manufacture and sale of medical products, we believe that providing the world with products that are safe, effective and give ample consideration to environment will result in maintaining health and curing disease across an even wider spectrum of people. At Fujirebio Group, we strive to turn the idea of earth-friendly manufacturing into reality by carefully evaluating every process in the supply chain, including every stage from product design to raw material procurement, production, and sales.

Our environmental activities run in parallel with our business activities, and play an important role in our activities that focus on finding ways to contribute to society. In our environmental management system, for the past few years each site has conducted discussions to define “environmental activities in line with business activities.” The results of these discussions are then reflected in company-wide activity targets and their specific details. In addition to our internal environmental activities, for several years now we have also been carrying out awareness campaigns aimed at external stakeholders in a move to gradually expand the scope of our environmental efforts. We fully intend to continue proactively engaging in initiatives that will serve as a driving force behind the CSR efforts of 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 Discussion

Reviewing environmental impacts directly related to operations

We have continued to implement Environmental Discussion to examine environmental aspects related to our business. We began holding these discussions in 2013, setting the themes shown below. By the time we entered the third year, we were formulating the implementation plan at a company-wide level.

In 2013, we firmly established activities that reduce paper, waste, and electricity as part of our routine work habits, and also focused on closely examining the environmental aspects of our business activities.

In 2014, we identified the environmental aspects in our upstream/downstream processes (Scope 3 emissions) and conducted an environmental impact assessment.

In 2015, we formulated an action plan for each department and integrated it as a company-wide unified goal for FY 2016 forward. Shown below is an overview of the plan.

**Domestic sales**
- Spread maintenance awareness; provide appropriate product information; optimize pamphlet distribution; reduce provision of products not for sale; optimize the frequency of staff dispatches due to calls from customers; create troubleshooting FAQs.

**Overseas business**
- Reduce the number of shipments; optimize response time to customer calls; provide appropriate product information; reduce time spent in meetings.

**Production**
- Unify manufacturing processes; produce inserts and labels in-house; reduce excess use of samples; improve replenishment tasks; reduce the production of defective product for CL4 equipment; change gas fuel; migrate to cell culture recombination type manufacturing; improve stacking cases for delivered goods.

**Supply chain**
- Promote green purchasing; reduce phone call times; reduce idling time of deliverers; improve storage procedures in the storehouse.

**Quality assurance**
- Reach out to relevant departments to reduce design changes occurring directly after technology transfer; exchange / replace equipment that uses CFCs; reconsider the amount of reagent needed to be used in quality testing.

**Research and development/Marketing**
- Manufacture material in house; optimize cartridge reagent for body fluids labeling; reduce first proofs of revisions for label packaging; improve efficiency of evaluation-side operations; reduce the number of responses and submissions in the application process; reduce waste of expired reagent; improve Prelaunch Packet content.

**General Affairs/HR/Accounting and finance/Corporate planning**
- Improve vehicle management, switch power supplier; improve man-hours; improve SAP work; improve the decision request process; improve the use of file server folders.

In FY 2016 we aim to begin practically applying our ideas and implementing activities that will reduce environmental impact and demonstrate compliance to ISO14001:2015.

Supply Chain (Scope 3)

In order to assess the environmental impact of providing a product or service, or ‘life cycle assessment’, we have begun monitoring direct greenhouse gas emissions from the company (Scope 1 emissions), indirect greenhouse gas emissions from the generation of purchased energy (Scope 2 emissions), and greenhouse gas emissions from the activities of other companies (Scope 3 emissions) in accordance with the guidelines established for each emission category while bearing in the value chain in mind.
By reducing the use of raw materials, improving productivity, and implementing energy-saving activities, we conduct our business in a manner that reduces emissions that harm our environment. Also, by taking environmental impact into consideration in every stage from manufacturing to services, and by managing environmental impact with targets for inputs and outputs, we have achieved year by year improvements.

<table>
<thead>
<tr>
<th>Energy</th>
<th>Water</th>
<th>Containers and packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric: 11,811.4 thousand kWh</td>
<td>Surface water: 51.6 thousand m³</td>
<td>Glass containers: 23.3t</td>
</tr>
<tr>
<td>City Gas: 396.4 thousand m³</td>
<td>Groundwater: 2.6 thousand m³</td>
<td>Plastic containers: 162.7t</td>
</tr>
<tr>
<td>LPG: (liquid petroleum gas) 102.2 thousand m³</td>
<td>PRTR substances: 4.1t</td>
<td>Rubber: 4.9t</td>
</tr>
<tr>
<td>Light diesel oil: 5.7KL</td>
<td>Raw materials and other: 35.2t</td>
<td>Metal: 3.1t</td>
</tr>
<tr>
<td>Gasoline: 217.4KL</td>
<td></td>
<td>Packaging materials (paper): 183.9t</td>
</tr>
<tr>
<td>Kerosene: 103.6KL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Paper</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRTR substances: 9.490.6t</td>
<td>Copy paper: 12.1t</td>
</tr>
<tr>
<td>Raw materials and other: 0.2t</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste</th>
<th>CO₂: 9.490.6t</th>
<th>Containers and packaging (plant waste)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total output: 147.9t</td>
<td>CO₂: 9.490.6t</td>
<td>Glass containers: 0.0t</td>
</tr>
<tr>
<td>Recycled amount: 122.9t</td>
<td>PRTR substances: 0.2t</td>
<td>Plastic containers: 0.0t</td>
</tr>
<tr>
<td>PRTR substances: 3.2t</td>
<td></td>
<td>Rubber: 0.0t</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water category</th>
<th>Air</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total wastewater: 46.9 thousand m³</td>
<td>CO₂: 9.490.6t</td>
</tr>
<tr>
<td>Drainage to public water areas: 8.8 thousand m³</td>
<td>PRTR substances: 0.2t</td>
</tr>
<tr>
<td>Drainage to sewage system: 38.0 thousand m³</td>
<td>BOD: 0.3t</td>
</tr>
<tr>
<td></td>
<td>COD: 0.2t</td>
</tr>
<tr>
<td></td>
<td>SS: 0.3t</td>
</tr>
<tr>
<td></td>
<td>PRTR substances: 0.2t</td>
</tr>
</tbody>
</table>

*No loss of production time
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 2015. 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.

Representatives from group companies also participate in the Environmental Management Committee and have established close communication with each other.

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.

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 2015. 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
We have established an Internal Audit Office to ensure in impartiality in internal environmental audits.
In addition to reporting the results of audits to the president every month, internal environmental auditors hold a teleconference meeting each quarter where they review internal audits, present and discuss items identified by auditors, and work towards standardizing the evaluation standards. This provides a valuable opportunity for internal environmental auditors to continue their training.

Internal environmental auditors also participate in full-day auditor training sessions, held once a year, to brush up on their auditing skills.

Environmental discussion
The Environmental Discussion that we hold annually company-wide is an important of our EMS. During these, all employees engage in department-by-department comprehensive discussions based on the theme set by the administrative office. The outcome of this is summarized by group to include a ‘Department’, ‘Site Environmental Objective’, and ‘Action’. Next, these are made into a theme for the “Next Fiscal Year’s EMS Policy and Outline” to serve as a company-wide goal. A report on each site is presented in the Environmental Discussion special feature of this issue.
Environmental Efforts

Environmental objectives and results for FY 2015/Objectives for FY 2016

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

FY 2015 was the third year to implement activities in our three-year medium-term goal (2013 to 2015), which was 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. Waste countermeasures were an incredible success, as no waste emissions were generated as a result of office closures like in 2014. Office paper reductions at our headquarters contributed to the entire company achieving its goals in reducing purchases of office paper. Retention of ISO 14001 certification was also approved after undergoing an audit (valid from December 2013 to December 2016). We also compiled with leakage calculations in the mandatory 2015 amendment of the Freon Control Act. For our 2016 activities, we decided to (1) formulate an implementation plan for environmental aspects related to operations, and (2) adjust our energy use reduction evaluation standards to conform to the written report on the Energy Conservation Act.

Environmental Efforts

<table>
<thead>
<tr>
<th>Item</th>
<th>Environmental objective</th>
<th>Environmental targets for FY 2015</th>
<th>Assessment</th>
<th>Specific measures for FY 2015</th>
<th>Environmental targets for FY 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy saving/Prevention of global warming</td>
<td>Reduction of energy consumption</td>
<td>Reduction of 6% on a per basic unit compared with FY 2009</td>
<td>◎ 109.9%</td>
<td>Reduction over the previous year</td>
<td>Reduction of 6% compared with FY 2009</td>
</tr>
<tr>
<td></td>
<td>Reduction of CO₂-emission</td>
<td>Reduction of 6% compared with FY 2009</td>
<td>◎ 108.9%</td>
<td>Reduction over the previous year</td>
<td>Reduction of 6% compared with FY 2009</td>
</tr>
<tr>
<td></td>
<td>Reduction of greenhouse gas</td>
<td>Further improvement of gas mileage</td>
<td>◎ Eco activities and education record storage &amp; management</td>
<td>Further improvement of gas mileage</td>
<td></td>
</tr>
<tr>
<td>Resource conservation/ Waste minimization</td>
<td>Reduction of office paper purchases</td>
<td>Reduction of 6% on a per basic unit compared with FY 2009</td>
<td>◎ 108.6%</td>
<td>Remove from company-wide target and set as goal for only certain workplaces</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reduction of waste (general waste)</td>
<td>Reduction of 3% compared with FY 2012</td>
<td>◎ 131.8%</td>
<td>Reduction of 4% compared with FY 2012</td>
<td>Reduction of 3% compared with FY 2012</td>
</tr>
<tr>
<td></td>
<td>Reduction of waste (industrial waste)</td>
<td>Reduction of 3% compared with FY 2012</td>
<td>◎ 180.8%</td>
<td>Reduction of 4% compared with FY 2012</td>
<td></td>
</tr>
<tr>
<td>Legal regulations</td>
<td>Strict control for compliance with regulations and environmental legislation</td>
<td>Compliance with the amended Energy Saving Act and the amended Global Warming Solutions Act (Organizations’ administrative bodies and prepared a report and a plan for FY 2015.)</td>
<td>◎ 175 laws and regulations compliance evaluation (including ordinances at [23 sites]) all sites</td>
<td>Compliance with the amended Energy Saving Act and the amended Global Warming Solutions Act (Organizations’ administrative bodies and prepared a report and a plan for FY 2015.)</td>
<td></td>
</tr>
<tr>
<td>Environmental care in products</td>
<td>Environmental aspect assessment and plan formulation</td>
<td>□</td>
<td>Formulation of FY 2015 implementation plan based on company-wide Environmental Discussion</td>
<td>Formulation of FY 2017 implementation plan based on company-wide Environmental Discussion</td>
<td></td>
</tr>
<tr>
<td>Environmental documentation</td>
<td>Understanding of the environmental education policy and outline</td>
<td>Completion of periodic revision of all environmental documents for single year</td>
<td>◎ Level 1-2 documents (22) have been revised and registered Level 3 documents (194) have been revised and registered</td>
<td>Contribution of periodic revision of all environmental documents for single year</td>
<td></td>
</tr>
<tr>
<td>Operation control</td>
<td>Management of industrial waste disposal companies</td>
<td>Continuing implementation of responsibility assessment</td>
<td>◎ Stringing and managing agreements on observation of laws among 36 contracting companies</td>
<td>Continuing implementation of responsibility assessment</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Promotion of eco-officing</td>
<td>Strengthen control of eco-officing</td>
<td>◎ Achieving company-wide energy saving target planning</td>
<td>Strengthen control of eco-officing</td>
<td></td>
</tr>
<tr>
<td>Environmental education</td>
<td>Implementation of the annual environmental education policy and outline</td>
<td>Implementation of FY 2015 environmental education policy and outline</td>
<td>◎ Execution of FY 2015 planning site by site and department (each site, departmental education records, progress table management)</td>
<td>Implementation of FY 2016 environmental education policy and outline</td>
<td></td>
</tr>
<tr>
<td>Environmental communication</td>
<td>External communication with industrial waste disposal contractors</td>
<td>Compliance of commitment of compliance with laws to consignees</td>
<td>◎ Reception of responses from 36 industrial waste disposal contractors (Completion of record and registration at every site)</td>
<td>Contribution of commitment of compliance with laws to consignees</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Improvement of internal communication</td>
<td>Implementation of company-wide environmental discussion and correction in FY 2015</td>
<td>◎ Discussion emergency responses and aspects that could affect the environment. Use this to develop appropriate activities</td>
<td>Implementation of company-wide environmental discussion and correction in FY 2016</td>
<td></td>
</tr>
<tr>
<td>ISO environmental management</td>
<td>Responding to ISO 14001 external auditing</td>
<td>Responding to ISO 14001 external auditing (including our group company, ALSI)</td>
<td>◎ Passing ISO 14001 audit to retain certification (including related company - Advanced Life Sciences Institute)</td>
<td>Passed continual assessment of ISO 14001 (including related company - Advanced Life Sciences Institute)</td>
<td></td>
</tr>
<tr>
<td>Internal environmental audit</td>
<td>Implementation of internal audit policy for FY 2015</td>
<td>Implementation of internal audit policy for FY 2015</td>
<td>◎ Completion of audit planning, implementation and review in FY 2015 (excluding independence by establishing an internal audit office)</td>
<td>Implementation of internal audit policy for FY 2016</td>
<td></td>
</tr>
<tr>
<td>Social contribution</td>
<td>Continued issuance of medical science journals</td>
<td>Issuance of the academic journal Medicopa 2015</td>
<td>◎ Issuance of the 56th academic journal Medicopa 2015</td>
<td>Issuance of the academic journal Medicopa 2016</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Holding of educational lecture meetings and symposiums</td>
<td>Successful holding of seminars for FY 2015</td>
<td>◎ Holding of the 35th Medicopa symposium in FY2015</td>
<td>Successful holding of seminars for FY 2016</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Contribution to the board collection businesses extension</td>
<td>Contribution of contribution for FY 2015</td>
<td>◎ Implementation of contribution items</td>
<td>Contribution of contribution for FY 2016</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Contribution to healthcare in the world</td>
<td>Contribution of cooperation with contribution for FY 2015</td>
<td>◎ Tutoring trainees at Hachioji Facility in 2015</td>
<td>Contribution of cooperation with contribution for FY 2016</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Contribution to the community</td>
<td>Contribution of holding and contribution for FY 2015</td>
<td>◎ Holding of the FY 2015 Summer Festival, cleanup activities, and plan execution at each site</td>
<td>Contribution of holding and contribution for FY 2016</td>
<td></td>
</tr>
</tbody>
</table>

Evaluation criteria: ◎ Target achieved ○ Target achieved with some improvement required □ Efforts have been made but the performance evaluation is poor X Target not achieved
Reduction of CO₂ emission
Fujirebio has been monitoring CO₂ emissions since the Kyoto Protocol*1 went into effect in 2005. CO₂ emissions gradually decreased until 2010, but have increased dramatically since 2011. This is due to the increasing presence of thermal power generation, which burns fossil fuels and generates massive amounts of CO₂, prompted by the Great East Japan Earthquake of March 2011.

Despite this, Fujirebio has fought against increased CO₂ emissions caused by increases of thermal-generated power and business expansion. We have done this by implementing measures such as improving manufacturing efficiency through production control, improving the fuel efficiency of sales vehicles, and making steady efforts to reduce waste.

Nonrenewable Resource Initiatives

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

Reduction of CO₂ emission
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Despite this, Fujirebio has fought against increased CO₂ emissions caused by increases of thermal-generated power and business expansion. We have done this by implementing measures such as improving manufacturing efficiency through production control, improving the fuel efficiency of sales vehicles, and making steady efforts to reduce waste.

Efforts to reduce amounts of energy used
In 2010, when the Energy Conservation Act was amended, Fujirebio set numerical targets and began implementing activities to reduce energy use. Of particular note, our Hachioji site, which responsible for key production, was classified as a “Type-2 designated energy management factory” under the Amended Energy Conservation Act and a “large scale establishment” under the Tokyo Metropolitan Ordinance on Environmental Preservation. Accordingly, we strictly manage the operation of its manufacturing facilities and are encouraged to systematically install energy-saving equipment.
As a result of company-wide efforts, we have been able to reduce energy usage despite the relocation and increase in floor area of the Obihiro office in FY 2011, as well as business expansion (e.g. increase in offices) when we relocated our head office in FY 2012.

Although the total amount of energy use increased by 14% due to the acquisition of a subsidiary company in 2014 (through which we acquired Plant No.2 and Plant No.3, two manufacturing facilities that use large amounts of energy), we successfully curbed emissions to just a slight increase in the following year.

In FY 2016, we will continue to focus efforts on reducing energy use throughout the company, and work towards achieving the mandatory energy reduction of 1% or more (per basic unit).

**Comparison of energy sources**

Electricity accounts for the largest portion of energy used with a ratio of 71%. Following electricity is, in order, LP gas, city gas, gasoline, and then kerosene. Another notable characteristic of our energy use was that factory and research sites accounted for 90% of total energy used, which is basically due to the fact that we operate as a manufacturer.

**Trend in amounts of electricity used**

Taking into account our ongoing business expansion, we have been relatively successful in limiting energy consumption increases. Nevertheless, the addition of two plants in FY 2014 led to an approximate 15% increase in consumption.

**Reduction of waste emissions and promoting its proper disposal**

Since 2006 we have been promoting the separation and recycling of trash. By 2007, we achieved a 100% recycling rate of combustible waste at our Hachioji office. Next in 2010, we achieved 100% recycling of non-combustible waste at our Ube Plant and Head Office (former Hamacho head office). Through continued promotion of recycling efforts we reached a recycling rate of 97% by the year 2015 (6% up compared with the previous year).

There was a significant increase in the amount of waste emissions that could not be recycled. This was due to a number of factors that included sludge waste which was generated after treating laboratory animal manure in relation to the Obihiro office transfer in FY 2011, as well as a large quantity of trash generated due to both the relocation of the head office in FY 2012 and the elimination of the Hamacho office in FY 2014. By FY 2015, however, we were able to dramatically reduce waste due in part to changing our waste disposal contractor.

We intend to continue improving our recycle rate with the goal of zero emissions*2 while also directing efforts towards reducing emissions company-wide.

*2: An effort to avoid disposing of any waste that cannot be recycled
Environmental and Social Initiatives

Forest conservation activities
As part of the post-disaster recovery efforts in Tohoku, Fujirebio has started interacting with Tome City’s JForest Association after purchasing J-VER credits issued for forests belonging to Tome City in Miyagi Prefecture. Miraca Group’s Tohoku branch is located in Miyagi Prefecture, and its employees and their families participated in planting Yamazakura cherry tree saplings and acorns in plantation forests where they will grow for the next 10 to 20 years to help create an environment where people and forests can coexist. Since 2015, we have been promoting local interaction and public awareness through Miraca backed reforestation as a step towards the goal of building a sustainable society.

Before the tree planting activities, we also took part in local events to build a sense of community with locals. “Eco-products 2016” introduces the role of forests in CO2 absorption and importance of reforestation as they relate to practical cases of J-VER credit application.

Eco-Driving activities
Since 2014, we have entered a foundation-sponsored Eco-Driving Competition in the general-vehicle category as a way to reduce environmental impact by promoting eco-driving habits with our company vehicles. To date, we have been merited repeated recognition with an Award of Excellence in 2014, Certification of Outstanding Activities in 2015, and yet another Award of Excellence in 2016. Improved fuel economy also leads to cost control as well as safe driving.

<table>
<thead>
<tr>
<th></th>
<th>FY 2010</th>
<th>FY 2013</th>
<th>FY 2014</th>
<th>FY 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gasoline usage (L)</td>
<td>264,971</td>
<td>230,264</td>
<td>220,519</td>
<td>215,348</td>
</tr>
<tr>
<td>Total avg. fuel consumption (km/L)</td>
<td>14.3</td>
<td>15.9</td>
<td>16.5</td>
<td>17.0</td>
</tr>
<tr>
<td>CO2 emissions (T-CO2)</td>
<td>114.2</td>
<td>99.3</td>
<td>95.1</td>
<td>92.8</td>
</tr>
<tr>
<td>Cedar tree (absorption number)</td>
<td>8,158</td>
<td>7,089</td>
<td>6,789</td>
<td>6,630</td>
</tr>
</tbody>
</table>

A fully-grown single cedar tree is believed capable of absorbing about 14 kg of CO2 per year.
Initiatives Aimed at Building a Recycling-oriented Society

Product life cycle
As part of the product lifecycle, one of our flagship clinical testing products, Lumipulse, is striving to help build a recycling-oriented society at every stage of the process from manufacturing to use, recycling and disposal (recycling and landfill).

When Lumipulse equipment is disposed, it is melted down in electric furnace at several thousand degrees, after which it is used as a recyclable resource in iron and steel or as roadbed material.

Community Activities

Nationwide expansion of our community clean up activities
At each of our business locations nationwide we carry out clean up activities around the buildings, either together with the community or on our own.

Building a Relationship with the Community

Annual summer festival
A summer festival is held every year in August at the Hachioji office to promote good relations and interaction with the community.

Academic and cultural exchange with local communities
“Approached from the perspective that the basic function of business activities is to contribute to society,” the Medicopia Educational Symposium, which has been held every January since 1981, and academic book publisher Medicopia continue to deliver this academic and cultural activity that provides people with a wide range of medical knowledge and information.
Sagamihara Plant

The first floor of the SRL Sagamihara Laboratory in Sagamihara, Kanagawa Prefecture was renovated to house the Sagamihara Plant which manufactures Fujirebio's CL products. Construction work completed at the end of February 2015. Since then, we have completed registration as an in vitro diagnosis pharmaceutical manufacturer, acquired both domestic QMS standards conformance certification and ISO 13485 certification, and began shipping products from March 2016. The relocation of production facilities from the Hachioji Plant was completed in September 2016 and full-scale manufacturing of CL products is already underway.

The renovation provided an opportunity to incorporate a number of energy saving ideas. We took advantage of this opportunity to install, for example, LED lighting, steam recycling, heat-exchange ventilation equipment in offices and conference rooms, and centralized light management switches.

The Sagamihara Plant carries out everything from preparation of chemical solutions, to product filling, packaging and quality testing. Manufactured products are handed over from the Hachioji Plant, and matters such as legal regulations and activities related to chemical compounds and manufacturing equipment are essentially modeled after those in the Hachioji Plant. Including partner companies, there are more than 50 staff members at this location. Environmental activities were implemented in April 2016. An internal environmental assessment was conducted in August that year, and an ISO 14001 reassessment was conducted in September. Full scale activities at the site, based on set targets, are scheduled to begin in the next fiscal year.

Site relocation announcement

Relocation of the Advanced Life Science Institute (subsidiary)

On October 1, 2016, Fujirebio's subsidiary, the Advanced Life Science Institute, relocated from Wako, Saitama Prefecture to the premises of the Hachioji Plant. Coordinating operations in conjunction with the relocation made it possible to reduce floor space by 1/4 from 1,785 m² to 430 m².
Fujirebio’s aim to be a global company has led it to establish manufacturing and sales bases in the US, Asia and Europe, enabling the company to provide clinical diagnostics to over 100 countries around the world. In its environmental activities Fujirebio, together with its overseas bases, is committed to taking action to conserve the global environment. Although environmental activities have been independently developed by Fujirebio and its overseas bases, the companies promote an open exchange of information on environmental issues and certification audit compliance, and have set up a system of mutual-collaboration. Below is an introduction to some of our overseas offices.

**Fujirebio Diagnostics, Inc. (FDI)**
FDI, based in the US, focuses primarily on the field of malignant tumors, for which it develops and produces products, and provides raw materials. FDI has acquired and maintains ISO 14001 certification, and their business operations are developed under its environmental health and safety management system. Their primary activities are (1) compliance to legal requirements, (2) communication with stakeholders, including employees, (3) continuous improvement, including for environmentally conscious products, and (4) pollution control.
(Reference: http://www.fdi.com/about_us/environmental.html)

**Fujirebio Europe N.V. (FRE)**
FRE, based in Europe, focuses primarily on the fields of infectious disease and Alzheimer’s, for which the company excels at developing, producing, and selling various products. FRE acquired ISO 14001 certification in 2013. Environmental activities at FRE are deployed under a system that has been integrated with the quality control system, and the company is working towards set goals of compliance with legal requirements and continuous improvement. A major activity at FRE is to perceive energy consumption as an important environmental aspect, and hence the company is currently engaged in a review of air-conditioning equipment. FRE is also looking closely at methods staff uses to commute.

**Fujirebio Taiwan Inc. (FTI)**
FTI, one of Fujirebio’s bases in Asia, is responsible for the production of certain Fujirebio products. FTI maintains ISO 9001 and ISO 13485 certification, and has set up a system to ensure it complies with Good Manufacturing Practices (GMP). Although FTI has not acquired ISO 14001 certification, it continuously commits efforts towards fundamental environmental activities, some of which include compliance with local environmental laws and regulations, trash separation, reuse of office paper, and continuous improvement of business efficiency.

**Fujirebio Diagnostics AB**
Fujirebio Diagnostics AB is a subsidiary of FDI. Based in Sweden, the company is engaged in the production and sale of clinical diagnostic reagents, reagents used in research, and raw materials. Fujirebio Diagnostics AB carries out environmental activities in accordance with FDI practices.
I would like to start by mentioning how pleased I am that we could prepare and deliver this environmental report to our valuable stakeholders. Thank you for taking the time to read it.

Over the past year we have pursued two major themes: (1) committing efforts to environmental aspects related to business, and (2) strengthening cooperative bonds between Fujirebio and SLR.

The first theme, environmental efforts, has been a major theme at Fujirebio for the past three years. In the first two years, our priority was to better understand the objectives and issues surrounding environmental efforts. During this time, much of our activity was limited to featuring environmental issues as the theme in our yearly Environmental Discussion. From this fiscal year, we will continue to make even more meaningful progress. We have taken on the challenge of not merely talking about environmental efforts, but rather integrating them into our day-to-day activities. We have established numerical targets, an action plan, and are continuing to press forward until we realize tangible results. Although we are still at the midway point of our journey, we are determined to intensify our efforts — which we began even before ISO 14001:2015 — and firmly establish environmental practices in all we do.

For the past two years we have also focused on strengthening cooperative bonds with SRL, another key company in the Miraca Group, and this coordination also includes environmental activities as part of Miraca Group’s CSR activities. Although our business formats differ — one being in manufacturing and the other in the service industry — we have found innovative ways to interweave our day-to-day environmental activities around the common points of embodying the unique traits of Miraca. As a result, we have realized a number of meaningful collaborations that have included eco-driving activities, Scope 3 emission compliance, and interactive tree-planting tours.

We intend to continue to promote further enhancement of Miraca Group’s environmental activities, as well as our responses to aspects of our business that directly affect the environment. As always, we appreciate and welcome the encouragement we receive from our valued stakeholders. Thank you for your support.