FUTABA

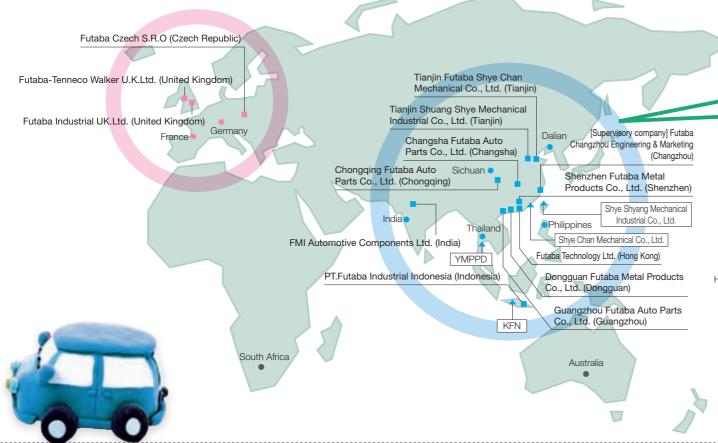
Environmental and Social Report 2015





Business Operations and Editorial Policy of FUTABA

In addition to improving our domestic facilities, we continue to expand our overseas production sites in regions such as North America, Europe, Southeast Asia, and China, in order to establish a global system that enables us to deliver quality products at lower cost whenever and wherever our customers so desire.



Domestic Manufacturir Subsidiarie Futaba Kyusyu Co., Ltd Imari Plant zumi Co., Ltd. Futaba Kyusyu Co., Ltd. Miyata Pl Futaba Kyusyu Co., Ltd. Nogata Pla

Apics Co., Ltd.

Mexico Domestic Plants **★**Midori Plant ★Chiryu Plant Head Office / Okazaki Plant ★Takahashi Plant Mutsumi Plant★ ★Kota Plant

Tahara Plant 🖈

★: Domestic plant

: Consolidated subsidiary

▲: Affiliated company

Technical collaboration partner

FIO Automotive Canada Corporation (Canada)

FIC America Corporation (Illinois)

[Supervisory company] Futaba North America Engineering & Marketing Corporation (Illinois) The United States

Futaba Indiana of America Corporation (Indiana)

Futaba Industrial Texas Corporation (Texas)





Company Outline

Company name Futaba Industrial Co., Ltd.

Azaochaya 1, Hashime-cho, Okazaki-shi, Aichi, Japan Head Office Established November 1, 1945

Capital 11.8 Billion Yen

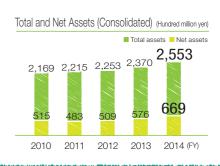
Business Focus Manufacture and sales of automobile and vehicle assembly parts, information and environmental

equipment parts, jigs and welding machines, etc.

 Sales by Region (Consolidated) (Hundred million yen) Number of Employees by Region (Consolidated) (As of March 31,2015) Total: 4.379 Total: 10.193

Company Performance Sales (Consolidated) (Hundred million yen) 3.734 3,720 3.652 2010 2011 2012 2013 2014 (FY)

Operating Profit (Consolidated) (Hundred million yen) 43 2010 2011 2012 2013 2014 (FY)





"Environmental and Social Report" is an annual report that presents the year's results and future plans relating to FUTABA's environmental and social activities, with emphasis on the Company's social involvement. The report is published as an important tool for communication with our readers. We would appreciate your responding to the questionnaire to share your thoughts with us, make suggestions, or ask us

Reference Guidelines

"Environmental Reporting Guidelines (2012 Edition)", Ministry of

Reporting Period

April 1, 2014 to March 31, 2015

*Some of the undertakings covered are not from the period specified.

August 2015 (Next publication scheduled for August 2016)

Scope of Report

*The environmental report covers data from the integration of seven domestic plants which have acquired ISO 14001 certification (Okazaki,

■Japan ■North America ■Asia ■Europe

Note

A detailed re-examination of relevant data in the course of preparation of the 2014 report revealed that some of the actual figures differ from those indicated in the 2013 report.

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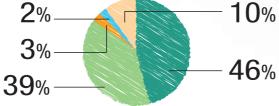
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Futaba's exhaust systems are highly regarded by domestic and overseas automobile manufacturers for successfully achieving a desirable balance between environmental performance and engine performance at a higher level. The company draws on its cutting edge technologies to produce products that excel in safety, reliability and cost competitiveness in such areas as body parts and suspension system parts as well. Futaba also actively conducts development activities with a view to the future in order to address environmental issues.

Sales Ratio by Product







Contributing to both improved engine performance and lower noise

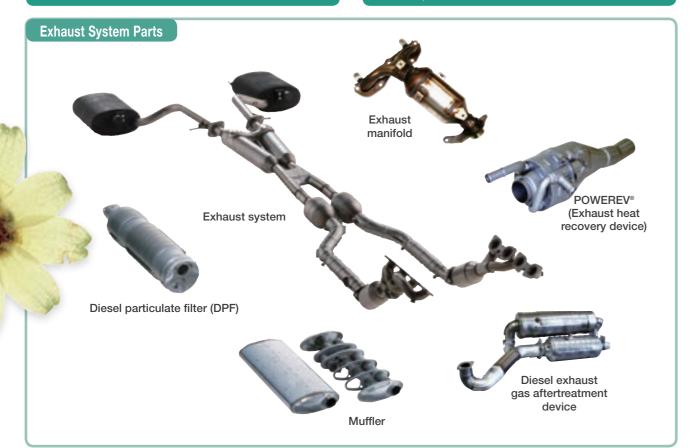
The exhaust system has a significant impact on the performance of an automobile. It strikes a desirable balance between conflicting needs, such as engine performance and sound muffling, exhaust emission control and other environmental performance. The company is also actively pursuing the development of products for the future, such as exhaust heat recovery systems for improved fuel efficiency and diesel particulate filters (DPFs) for the removal of particulates in the exhaust emission of diesel engines.

Strength

Our optimal design employs analysis technology to improve the effects of heat from exhaust gas and to realize even lower noise.

Direction of product development

The performance of these parts influences the environmental performance of the entire automobile. We are engaged in research and development to further reduce CO₂-emission.



Information and Environmental Equipment Parts Business

Futaba's business encompasses everything from the development to the production of parts for multi-purpose color copiers and other equipments on a module basis, applying the sophisticated press and precision assembly technology fostered through the production of automobile parts. We have been developing and manufacturing component parts for fuel cells for home use as well in recent years.



Tray module

For-Sale Assembly Lines and Stamping Dies Business

The accumulation of new technologies and production methods for the maintenance and improved productivity of Futaba's own assembly lines has developed into its third business. The Company reflects input received from those with firsthand involvement in manufacturing in making welding assembly lines and Three dimensional CAD of dies that anticipate customer needs.



a hemming device and

Automobile Parts Business Body and chassis systems Realizing both safety and weight reduction

Body and chassis systems comprise the frame of an automobile and provide protection to its driver and passengers. To achieve both safety and improved fuel efficiency through weight reduction, Futaba is working on the development of high tension materials (high tension steel sheets) and related processing techniques in collaboration with steel manufacturers, as well as on the development of laser welding technology and its application to product manufacturing.

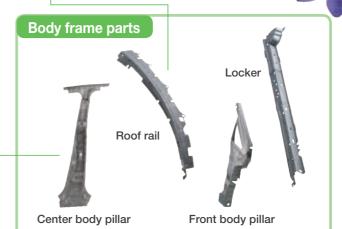
Strength

steel manufacturers and in our optimal development

Direction of product development

performance and to achieve their evolution.







Fuel system parts Fuel tank





Futaba will seek to establish a good relationship with society in order to become a company that the society deems essential 30 years from now.



Summary of Management Activities in FY2014

In FY2014, we focused on the improvement of our profitability and the development of eco-friendly products in response to the changing business environment in the automobile industry, while endeavoring to make safety a top priority, enhance quality, cultivate human resources and revitalize the organization in accordance with the second Medium-term Business Plan announced in May 2014. We recognize that we need to promote further enhancement of quality and improvement of production efficiency along with CSR management, as well as improve our profitability in a sustainable manner, in order to continue to meet the expectations of our stakeholders.



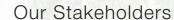
Overview of the Foundation of and Major Issues in CSR

The Futaba Group positions CSR management as a practice that is broken down and filtered into its Management Principles, Corporate Charter and Futaba's Code of Conduct, based on the company motto "quality products at lower cost," for on-site implementation. In FY2014, the Group conducted activities that meet the expectations of our stakeholders in association with the second Medium-term Business Plan, while also working on key themes that included quality, safety, manufacturing reforms, human resource cultivation and organizational revitalization.

As stated in our company motto, "quality," serves as the basis for the creation of value. It is, therefore, extremely important that we enhance it. As a manufacturer, we also recognize the concurrent establishment of a "safe" workplace as the most important issue. Establishing and improving the facilities and equipment, as well as ensuring compliance with the standard operating procedures, are of utmost importance in order to achieve these improvements. We will tirelessly pursue improvement by promptly identifying the causes of defects and malfunctions and implementing issue-specific measures.

As regards "manufacturing reforms" and "reinforcement of the core technology," which are linked directly to profitability, we established the Futaba NGA in FY2012 in order to promote company-wide efforts from the early stages of development and successfully developed an "ultrathin muffler" as a next-generation muffler, reducing the number of types of component parts required by approximately 75% relative to conventional mufflers. Our achievements have taken on the tangible form of a "Superior TNGA Promotion Award" from Toyota Motor Corporation. These achievements may be considered examples of out "contribution to society through manufacturing," since they are expected to contribute not only to profitability, but also to the improvement of quality and reduction of environmental impact.

However, in order for these efforts to sublimate and develop into a long-term corporate DNA, it is necessary for us to be a company that our "employees" can be proud of and feel motivated by. In FY2014, we rotated our employees more actively and promoted the use of paid annual leave in order to achieve an open workplace and improve our corporate culture. In terms of cultivation of human resource, we have implemented various new measures including training sessions for employees engaged in practical operations, reporting sessions among business and engineering departments on improvement measures, and recruitment of personnel in order to













Suppliers

Employees

advance into new business areas. We will work on improving our corporate culture through these and other steady efforts.

In FY2014, traffic accidents caused by our employees decreased by more than 30% for the second consecutive year with a 35% reduction and, as a company involved in the automobile industry, we will continue with our initiatives aimed at realizing 0 accidents by employees.



Our Challenges for FY2015

In FY2015, we are reinforcing our global coalitions while continuing to focus on safety as a top priority, quality enhancement and human resource cultivation under the slogan "further challenges for a bright and promising future." We will strive to establish global personnel systems and structures, enhance education, improve life-work balance which is an issue to be addressed, and diversify our human resources to include women, foreigners and people with disabilities, as we work on eradicating accidents on manufacturing sites. We will promote eco-friendly products as a pillar of our future growth, based on the "people" that we are cultivating and the "know-how" that we have fostered over the years. We hope to see the global environment profit more as the sale of Futaba products increases by not only enhancing the environmental performance of mufflers, DPF and other conventional products, but also steadily applying the technologies we cultivated through our automobile business to new business areas and developing, for example, fuel cells for home use as well as an efficient low-cost energy supply device and energy utilization technology for protected horticulture which are described in the special feature in this issue.



Future resolve

Futaba Industrial Co., Ltd. was able to celebrate its 70th anniversary this year. I believe that this feat is attributable solely to the support of our stakeholders. I would like to take this opportunity to express my deep gratitude once again. We must continue to create value in an ongoing and sustainable manner, while taking stakeholder interests into consideration. For example, looking ahead to our 100th anniversary, we expect both the society and technologies to have undergone significant changes by then. Sustainability (CSR) management is indeed about asking ourselves what we should do to be deemed an essential company 30 years from now, think about it, and take necessary actions. Our resolve is to endeavor to establish a favorable relationship between society and FUTABA. The continued support and understanding of our stakeholders would be greatly appreciated.

Yasuhiro Mishima



Agricultural Segment Development of a CO₂ Accumulation and Application Device for Greenhouse Cultivation

Greenhouse cultivation in agriculture involves the use of combustion heaters at night to heat the house in the winter. On the other hand, combustion-type CO₂ generators are run during the day to promote photosynthesis in order to increase the crop yield, as well as to supplement the lack of CO2 in the greenhouse due to the widespread use of hydroponics. (Left hand side of the diagram on p.8) If the CO₂ discharged from the night-time heating can be used during the day for photosynthesis, CO2 generators can be eliminated to end the huge waste of burning fuel during the day while also reducing CO2 discharge.

In order to realize this, we are utilizing the core technologies that we fostered in the automobile segment to the ongoing development of a CO2 accumulation and application device.

> We verified an increase in both crop yield and quality in the demonstration tests conducted last fiscal year through the elimination of hazardous gases from the gas discharged by heaters, the accumulation of CO₂ during night-time heating, and the application of CO₂ onto crops during daytime on the following day.

> encompasses the problem of raising the temperature within the greenhouse, the CO2 from our device is cooled and released at ambient temperature, and thus has been received well.

> We will contribute to the progress of Japanese agriculture by further accelerating the development of the system.

We are a participant in the "Development of Efficient and **Low-Cost Energy Supply Devices** and Utilization Technologies for Protected Horticulture" (expansion of the heat project and the CO₂ project: 2014 through 2016), a research project commissioned by the Ministry of Agriculture, Forestry and Fisheries. (Nara Prefecture Agricultural Research and Development Center, National Institute of Advanced Industrial Science and Technology, Futaba ndustrial Co., Ltd.)

Further, while CO2 from a CO2 generator is warm and

Comments from the Developers

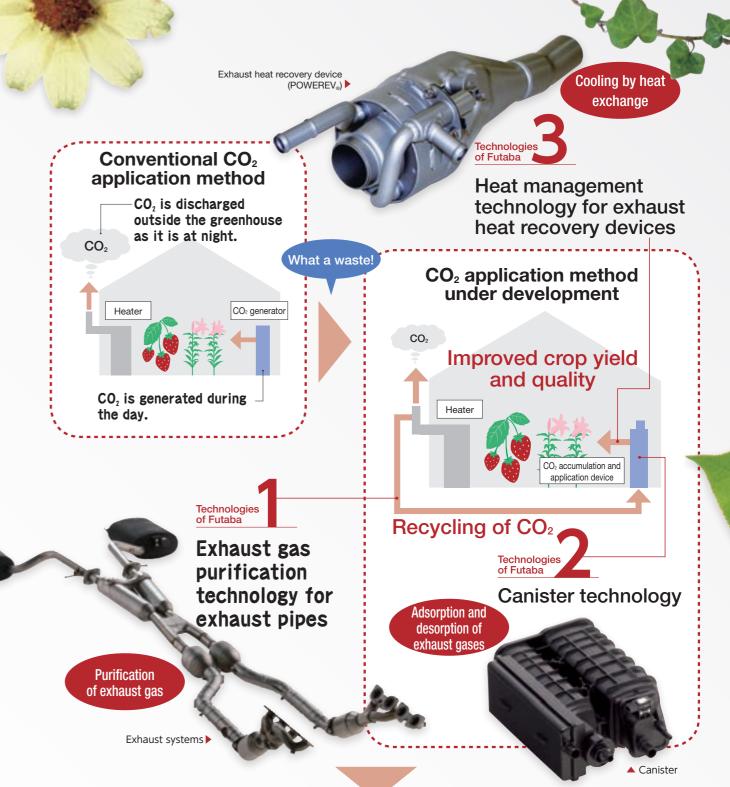


Yuji Niwa (left), Takashi Saito (right) Staff in Charge of the Project, Environmentalrelated Equipment Development Section, **Engineering Department**

Using core technologies to advance into the agricultural segment

We went beyond the confines of the automobile industry in extensively investigating the areas where we might be able to utilize our core technologies effectively, began with business planning, and are now conducting development activities. The project members and we are grateful that we had the good fortune of the Ministry of Agriculture, Forestry and Fisheries taking notice of our steady efforts at an early stage and proud of the fact that we were entrusted by the national government to carry out this project.

The development work has been proceeding smoothly thus far, and we are confident that the system can be launched in the near future. Given that the people in agriculture are eagerly awaiting the commercialization of this technology, we intend to continue with our efforts in order to make their dreams come true as soon as possible.



Strawberries and cyclamens in crop demonstration

(At the Nara Prefecture Agricultural Research and Development Center)







Management Principle and Strategies of FUTABA

We conduct our business activities, clearly indicating in the Company motto, management principle and VISION 2020 our desire to always be a company that is trusted by our stakeholders.



Company motto··· Quality Products at Lower Cost

We will continue with unceasing efforts to achieve the following:

Management principle...1.Be a company that is trusted by and is essential to our customers.

2.Be a company that our associates can be proud of and feel motivated by.

3.Be a company that is widely supported and appreciated by the local communities.

Corporate Charter

1. Compliance with laws, regulations, social norms and the like We will conduct corporate activities with high ethical standards and fulfill our social responsibilities in compliance with relevant domestic and foreign laws, regulations and social norms, as well as internal rules.

2. Contributions to society

We will respect domestic and foreign cultures and customs, make efforts to preserve the environment, grow together with our local communities and become a company that is appreciated by the local communities.

3. Significance of the Company's existence We will engage in the research and development of cutting edge technologies for the provision of products and services worldwide that our customers find satisfactory in terms of both quality and cost.

4. Fostering better communication and corporate culture
We will listen with sincerity to the opinions of
various people both inside and outside of the
Company, regardless of their positions, and
foster a lively and energetic corporate culture
that permits free thinking and active expression of personal opinions.

5. Respect for employees

We will respect the personalities and individuality of our employees, ensure a safe and pleasant work environment, and strive to provide comfort and enrichment to our employees.

6. Appropriate information disclosure

We will appropriately disclose corporate information in order to increase corporate transparency and soundness.

7. Harmony with society

We will abide in harmony with society as a good corporate citizen and firmly confront antisocial forces that pose a threat to social order and safety.

8. Growth and development with business partners, affiliates, etc.

We will always be innovative as we manage our business from a global perspective and will endeavor to grow and develop together with various stakeholders, including our business partners and affiliates.

Futaba's Code of Conduct



Chapter 1 Conduct in our relationship with the Company

- 1. Fostering a cheery and sound work environment
- 2. Safeguarding of assets and security management

Chapter 2 Conduct in corporate activities

- 3. Environmental conservation activities
- 4. Sales and procurement activities
- Manufacturing that is trusted by customers
- 6. Becoming a globally trusted company

Chapter 3 Conduct in our relationship with society

- with society
- Becoming a socially trusted corporate citizen
- 9. As a sound citizen
- 10. As a considerate driver

VISION2020

VISION 2020 defines the company we aim to be and the numerical targets we seek to achieve by FY2020 as follows.

In consideration of the maturing domestic market and growing developing markets, we will aspire to achieve further growth by establishing overseas operating locations mainly in the developing markets of China and Southeast Asia.

Further, we will refine our core technology of stamping and welding to expand our product line under the key phrases "environment" and "energy saving" to include offerings in the environmental segment, mainly in the automobile parts business. We will manage these business activities with speed.

The targets for FY2020 are consolidated sales of 600 billion yen, an overseas sales ratio of 50% and operating profit ratio of 7%.



2nd Medium-term Business Plan (FY2014-2016)

We will steadily implement Medium-term Business Plan and aim for new growth.



(1) Deepen and improve "Safety / Quality" and ensure stable supply

Futaba will enhance customer satisfaction and fulfill its corporate social responsibilities by deepening and improving "Safety / Quality" and ensuring a stable supply of our products to our customers.

(2) Improve profitability through "Product manufacturing reforms" and "Reinforcement of the core technology"

As part of our product manufacturing reforms, we will make improvements on the entire process from the purchase of materials to the delivery of the product to the customers from a new perspective, and develop "innovative, next-generation lines" based on a heightened sense of safety, quality and production efficiency.

As for reinforcing core technology, we will proactively promote "hot stamping" and "cold stamping of 120kgf/mm², high-tensile materials," which enable thickness reduction and ultra-high tension of the materials used, in order to realize both weight reduction and collision safety, which are the primary needs of our customers.

(3) Speedy global development

We will enhance the comprehensive capacities of the whole Group by rolling out the best practices of the Company on a global basis through two-way communications with our overseas sites. In North America and China, we will encourage independent management of each site through the regional headquarters; and in the other regions, the headquarters in Japan will take the lead in opening direct and timely channels of communication under each function.

(4) Create and commercialize new value that leverages core technology

We will leverage our core technology and roll out on a global basis products that embody the themes of "safety, environment, energy-saving, high performance and low cost."

We have developed practical applications for POWEREV® (Exhaust heat recovery device), which utilizes heat management technology, one of our core technologies. We will engage in product development to meet customer needs for size reduction, high performance and mountability and make every effort to enhance our product capabilities.

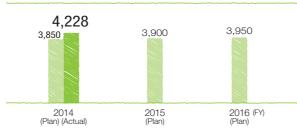
We will also proactively develop and commercialize, as pillars of profitability, environment-related products, including products for fuel cells for home use and DPF, where future growth is expected.

(5) Cultivate human resources and revitalize the organization

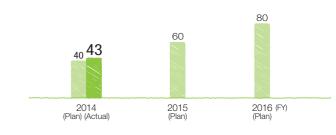
We will share our management principles and vision globally, cultivate local managers and promote localization of management.

Additionally, we will carry out skill training that supports our manufacturing, specialized training in each field and human resources development programs for each function, including education by rank, and develop a vitalized workplace.

Sales (Hundred million yen)



Operating Profit (Hundred million yen)



Management Principle and Structures

Corporate Governance

Futaba understands the objective of corporate governance to be "ensuring proper business management from the perspective of diverse internal and external stakeholders in order to achieve a strong and sound company". To this end, we will conduct business activities in compliance with laws, regulations and social norms, as well as enhance business transparency,



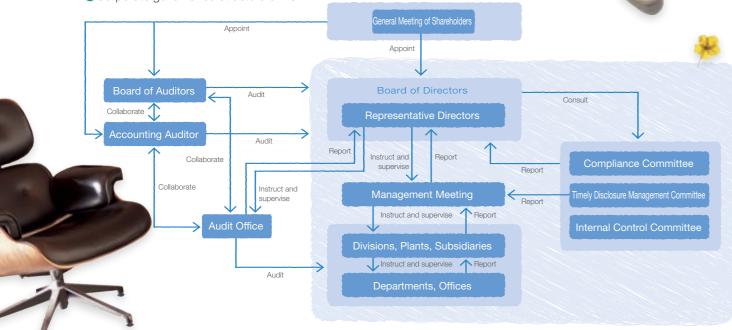


Member; Kiyoshi Kinoshita, (Outside) Director; Yasuhiro Mishima, President; Hiroyoshi Yoshiki, Representative Director, Senior Executive Vice President; Mikio Iwatsuki, Director, Senior Managing Executive Officer; Koichi Futai, Director, Managing Executive Officer Back row, left to right: Fumio Ohashi, Director, Managing Executive Officer; Tsugumi Sanmiya, Director, Managing Executive Officer; Takayuki Yoshida, Director, Managing Executive Officer; Yoshihiro Yoshimura, (Outside) Audit & Supervisory Board Member; Masaki Horie, (Outside) Audit & Supervisory Board Member; Tomohiro Takahashi, Director, Managing Executive Officer; Keita Asakawa, Director, Managing Executive Officer

Governance

The Board of Directors, which is the highest decision-making organ, discusses statutory and material matters, determines business strategies and provides oversight of the execution of business operations. A structure is in place to enable accurate and prompt business decisions by holding a management meeting when executing a business operation to discuss matters submitted to the Board of Directors, other important matters and individual

Corporate governance structure of FUTABA



Internal Control

The basic stance of FUTABA regarding internal control is for the Directors themselves to take the lead in complying with laws, regulations and corporate ethics for the appropriate execution of business operations, thus familiarizing employees with the concept and practice through their words and actions. As regards the execution of business operations, we are incorporating problem detection and improvement mechanisms into the business execution system, while developing human resources and organizations capable of implementing the mechanisms.

Internal Control Structures



- 1. Structure for ensuring that the directors execute their duties in compliance with laws, regulations and the articles of incorporation
- 2. Structure for preserving and managing information relating to the execution of duties by directors
- 3. Rules on and structures for managing the risk of
- 4. Structure for ensuring that the directors execute their duties efficiently
- 5. Structure for ensuring that employees execute their duties in compliance with laws, regulations and the articles of incorporation

- 6. Structure for ensuring that the Group's business operations are performed appropriately
- 7. Matters relating to employees who assist with the duties of corporate auditors, should corporate auditors request appointment of such employees
- 8. Matters relating to independence of the aforementioned employees from directors
- 9. Structure where by directors and employees report to Other structures relating to reports to corporate auditors
- 10. In addition, structure for ensuring that corporate auditors perform audits effectively

Compliance

Futaba defines compliance as follows: "Acting with integrity not only in compliance with laws and regulations, but also with a sense of values and ethics required of a business person as a member of society, thereby realizing fair and appropriate business management, achieving harmony with civil society and promoting creative development of the company. Placing importance on environmental issues and taking initiative in environmental conservation efforts".

We will conduct corporate activities with high ethical standards and fulfill our social responsibilities with full awareness of our corporate social responsibilities and public mission. We will respect domestic and foreign cultures and customs, make efforts to preserve the environment, grow together with our local communities and engage in various activities in an effort to become a company that is appreciated by local communities.

Educational activities

We provide compliance training to persons in charge, supervisors (e.g., group leaders), and department and division heads with respect to laws and regulations relevant to their business operations. Additionally, we provide security management training to all employees.

Establishment of helpline

We established the "Futaba Helpline" to provide appropriate internal and external consultation services with regard to various problems and questions concerning compliance.



Risk Management

In order to ensure the PDCA cycle of identifying as risks, analyzing, assessing and addressing factors that may inhibit the achievement of our organizational goals or impact business continuity, Futaba has established various committees. Examples of committees that assess risks and implement appropriate measures to reduce or avoid them include the Security Management Committee for information leakage risks, the Quality Committee for quality issues, the Compliance Committee for fraud risks and the Internal Control Promotion Committee for internal control and governance.

Business Continuity Plan (BCP)

Focusing particularly on damages caused by earthquakes, Futaba conducts BCP activities geared toward recovery as expeditiously as possible, while giving first priority to human life. Futaba also devised a business continuity plan (BCP) involving the implementation of an emergency earthquake notification system and a safety confirmation system, the formulation of measures to ensure the safety of evacuation routes and prevent the turn-over and falling of equipment and other efforts to prevent and/or reduce damages, as well as the education of human resources to secure personnel capable of fully demonstrating his/her capability in the event of an emergency and an early recovery from anticipated damages. In addition, we have concluded a cooperation agreement with Okazaki City to provide facilities at the time of disasters.

Information Security

For the purpose of protecting and managing confidential information, we publish an Information Security Management Handbook to instill awareness of security management in employees.

Management Principle and Structures

Environmental and Social Efforts

Under the Corporate Environmental Council, we set annual targets concerning environmental and social activities to be undertaken in the course of business activities and work towards continual improvement.





Environmental and Social Management

The Corporate Environmental Council chaired by President, meets twice each year to coordinate Futaba's environmental and social activities. Adopting "promotion of environmental and social contribution activities for the realization of sustainability" as the corporate policy for this fiscal year, we will work together with the local communities for sustainable corporate development.



FY2014 Results and FY2015 Goals

Corporate Environmental Council has been promoting environmental activities and social

		Corporate Planning Department	
 Implementation of Decisions, et 	c. by the Corporate Environmental Council	General and Personnel Affairs Department	
•		Sales Department	
Corporate Environmental Council	CSR and Environment Division	Accounting and Financial Affairs Department	
	Comprehensively promotes	Procurement Department	
Manages environmental and social activities	environmental and social	Quality Assurance Department	
	activities	Engineering Department	Production and Distribution
		Production Engineering Department	
			1

lt over	Suponicon, denombre	Related		FY2015		
Item Supervisory department page		page	Target	Actual (Effort / Activity)		Target
Environmental	General and Personnel Affairs Department (CSR and	P.15	Have each organization improve and enhance their activities (including domestic subsidiaries)	Status of activities tracked by Corporate Environmental Council Continued with the certification of the environmental management system		Have each organization improve and enhance their activities (including domesti subsidiaries)
management	Environment Division)	P.16	Observe environmental laws and regulations	Managed environmental laws and regulations in accordance with voluntary standards		Observe environmental laws and regulation
Fco-friendly products	Engineering Department		Completed development of hot stamped body parts			Develop eco-friendly products
	Production Engineering Department	P.17	Develop eco-friendly products	Completed development of a high-efficiency exhaust manifold for engines	TIME .	(Engaged in further downsizing, weight reduction and improvement of efficiency)
Manufacturing	<u> </u>		CO ₂ emissions from the main line of business: Reduce by 1% from FY2013 results	Reduced emission by 7.7% from FY2013 by running in-house power generators fueled with Type A fuel oil for shorter periods, replacing gasoline-powered forklifts for in-plant transport with electric forklifts, replacing mercury lamps with LED lamps, and tightening control on the use of air conditioners.		CO ₂ emissions from the main line of business: Reduce by 2% from FY2013 results
Prevention of global warming	Department	P.18	Promote energy management	Transformers, etc. were renewed through systematic investments Promoted activities to turn off standby electricity and correct air leakages		Promote energy management
	Production and Distribution Control Department		CO ₂ emissions from distribution and logistics: Reduce by 1% from FY2013 results	Reduced emission by 4.5% from FY2013 by increasing the use of railways and vessels		CO ₂ emissions from distribution and logistic Reduce by 4% from FY2013 results
Chemical risk reduction	Manufacturing Department	P.19	Track the quantities of chemical substances used, released and transferred	Tracked the quantities of relevant substances used, released and transferred through the utilization of the chemical substance management system		Track the quantities of chemical substance used, released and transferred
Waste reduction and Manufacturing resource recycling Department	Manufacturing	D 00	Quantity of waste released: Reduce by 1% from FY2013 results	Reduced waste output by 22% from FY2013 by promoting the recycling of waste materials		Quantity of waste released: Reduce by 18% from FY2013 results
	Department P.20	Track the quantity of waste released and the status of waste processing	Tracked the quantity of industrial waste released and the status of waste processing through the utilization of the waste management system and conducting onsite inspections		Track the quantity of waste released and the status of waste processing	
Customers	Quality Assurance Department Sales Department	P.28	Earn the trust of customers	Promoted quality improvement activities	0	Earn the trust of customers
Shareholders and investors	Corporate Planning Office General Affairs and Public Relations Section	P.29	Earn the trust of shareholders and investors	Provided accurate and fair information in a timely manner		Earn the trust of shareholders and investors
Suppliers	Procurement Department	P.30	Strengthen ties with suppliers and enabling us grow together with them	Strengthened trust by holding regular liaison meetings and utilizing the Communication Room		Strengthen ties with suppliers and enablin us grow together with them
	_			Provided education for skill development		Establish a safe and pleasant workplace f
Employees	Personnel Affairs Department	P.31 P.32	Establish a safe and pleasant workplace for the achievement of comfort and enrichment	Improved childcare support system		the achievement of comfort and
	Dopartmont		ior are assistential of confident and official and official	Expanded hiring of disabled people		enrichment
Local communities	General and Personnel Affairs Department	P.33 P.34	Earn the trust of local communities	Proactively promoted social contribution activities (Promotion of traffic safety on street corners, participation in volunteer cleaning projects) Organized the Futaba Youth Baseball Championship Engaged in reforestation activities Donated hometown contribution to Hiraizumi Town, Iwate Prefecture Participated in Ecocap Movement Exhibited at the Exciting Energy Conservation Class	***	Earn the trust of local communities

Environmental Management

By designating environmental management as an important foundation of its business activities, Futaba is endeavoring to raise the environmental awareness of our employee and is engaged in continual improvement.

Message from the Director in Charge



Mikio Iwatsuki

All the 7 plants are working as one and aiming for a higher level

Futaba is engaged in continual improvement by establishing a common environmental management system for all plants. Activities under this unified system include, for example, cross-departmental improvement activities across plants led by the Pollution Prevention, Waste Reduction, Energy Conservation and Resource Conservation Subcommittees. We are confident that it is through these plant-wide activities that each plant is able to maintain a higher-level environment that is uniform throughout the plants.

Our energy conservation efforts have been taking root steadily and this year, in particular, they bore fruit in the form of the achievement of our energy activities of the Energy Conservation Subcommittee were highly lauded also in an evaluation conducted by an external organ for ISO14001 certification, and they, together with the activities of our other subcommittees, led to the recognition of the effectiveness of our environmental management system.

We, at Futaba, will continue to work as one in promoting environmental improvement activities going forward and aim to become a company that is environmentally-friendly and loved by the community.



Environmental Philosophy Revised November 1, 2010

The seven plants (manufacture of automobile parts, information and environmental equipment parts, and the recognition that environmental conservation is a task of global significance.

business activities, each plant shall make improvements on an ongoing basis with respect to elements of its



Environmental Management System

Futaba is engaged in cross-departmental improvements activities across plants led by the Pollution Prevention, Waste Reduction, Energy Conservation and Resource Conservation Subcommittees. Thanks to these activities, each plant has been able to maintain a high-level environment. We will continue to utilize the environmental management system, make ongoing efforts, and strive to make further improvements.



As regards internal auditors, an external instructor is invited

once each year to provide training to cultivate new auditors, as well as to enhance the skills of existing auditors, in order to improve audit quality. Education is provided as necessary to both new employees and new managers to deepen their understanding of the environmental management system.



Compliance with Related Environmental Laws and Regulations

With respect to each of the relevant environmental laws and regulations, Futaba has established stricter voluntary standards, based on which the compliance status of each plant is inspected each month. With respect to water quality, we enhanced the management system for septic tanks and drainage systems within our plants for a company-wide upgrade. As regards to noise and vibrations, we constructed soundproof walls around the outer periphery of the plants and soundproofed the walls of the buildings. As a result of these efforts, there was no deviation from any law or regulation in FY2014.





Environment-related Complaints and Responses

Not satisfied with merely complying with laws and meeting the standards of agreements, we are duly considering the neighboring residents and stepping up our efforts.

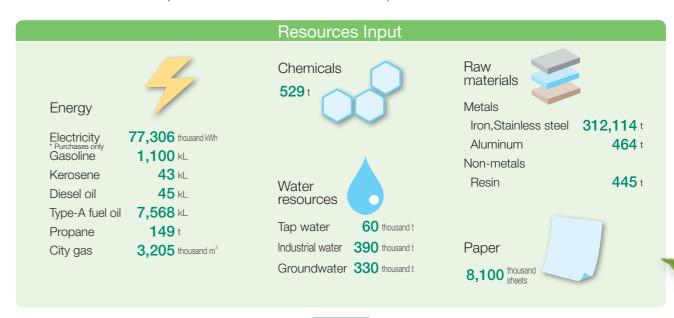
Chiryu Plant

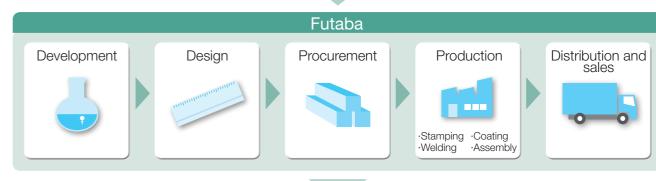
In October 2014, we received a complaint concerning the noise generated when operating a forklift. We implemented measures to eliminate the source of the noise by leveling the surface of roads on plant premises, while educating forklift operators on the night-time operation of forklifts. Further, we lowered the noise level by constructing soundproof walls along some parts of the outer periphery of the plants.



Resources Input and Waste Output

Futaba is working to reduce substances of concern by keeping complete track of energy and other resources essential to business activities that are input and CO₂ and other waste that are output.









Development of Eco-friendly Products

In order to achieve a sustainable society, we are endeavoring to develop eco-friendly products that anticipate environmental changes and needs.



Development Policy

- 1. With respect to exhaust system products, we will promote the development of technologies that contribute to exhaust noise reduction and exhaust emission control, as well as improved fuel efficiency.
- 2. We will enhance the safety and performance of body and chassis products, as well as promote weight reduction to contribute to improved fuel efficiency
- 3. In order to conserve energy and reduce CO2 emissions, we will promote the development of heat management systems including heat recovery devices (POWEREV®) and parts for fuel cells for home use.

Our Environmentally Friendly Products (New Product Information)

Hot Stamped Body Parts

While weight reduction is said to be a priority issue in the competition over the fuel efficiency of automobiles, body masses are trending upwards as collision safety regulations are tightened. Hot stamping is a process for strengthening a raw material to a 1470 MPa level by heating and then stamping and cooling the material as opposed to stamping the material at ambient temperature, as is the case in conventional processes, and is expected to have the effect of reducing sheet thickness. This process was adopted for the front pillar reinforcement of Toyota FCV "Mirai." allowing us to contribute to an automotive body that is both "lightweight and high-tensile."



Comments from the Developers

Kenji Niwa

Engineering Department, Body and Chassis Systems Development Division

Hot stamping is a process that is indispensable to the realization of both light weight take on the challenge of expanding the range of products to which the process may be applied as well as developing technologies that enable further weight reductio



High-efficiency Exhaust Manifold for Engines Focused on Fuel Efficiency

Although automobiles with hybrid engines are considered to be the mainstream of fuel economic automobiles, there are increasingly more fuel economic automobiles with conventional gas engines on the market. The adoption of the Atkinson cycle and a high compression ratio as means of improving the fuel efficiency of a conventional gas engine encompasses the problem of "knocking" and "increased pumping loss." The efficiency of combustion chamber scavenging has been improved significantly in this exhaust manifold by employing a 4-2-1 merge collector to "avoid knocking." Further, we achieved "pumping loss reduction" and improved fuel efficiency through large-volume cooled EGR (exhaust gas recycling system) to contribute to the conservation of energy and resources.

Comments from the Developers

Tomohiro Yoshida

Engine-related Parts Design Section, Exhaust System Development Department

Larger EGR and branch-pipe diameters as well as an exhaust layout design allowing for highly efficient scavenging were needed for a space that is more compact than the space allocated in mass produced automobiles in order to meet the performance immense problems in terms of production. However, we were able to achieve a design that satisfies customer requirements on performance by holding discussions repeatedly with the departments concerned to overcome various issues. We wi continue to work on designing eco-friendly exhaust manifolds, taking nanufacturability into consideratior



Environmental Report

Efforts to Prevent Global Warming

We will endeavor to prevent global warming by actively engaging in energy conservation activities relating to our plant facilities and distribution through observation of the Act on the Rational Use of Energy.



Reduction of CO₂ Emissions

In FY2014, we were able to reduce $CO_{\scriptscriptstyle 2}$ emission by 5% from FY2013 due mainly to running in-house power generators fueled with Type A fuel oil for shorter periods and replacing the gasoline-powered forklifts for in-plant transport with electric forklifts in addition to the ongoing improvement efforts, such as renewing substation transformers through systematic investments; promoting simplification, streamlining and downsizing of heavy, thick, long and large production facilities; turning off standby electricity, and correcting air leakages.

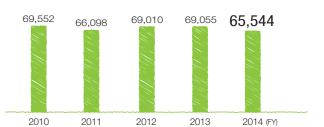
Energy Conservation Subcommittee

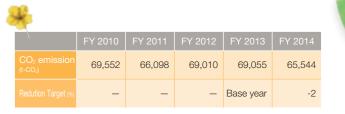
The Energy Conservation Subcommittee is responsible for promoting energy conservation activities under our environmental management system.

The Subcommittee checks monthly progress relative to the annual targets and provides a system for quick recovery when delays occur in the progress of the plan.

The Subcommittee is working to reduce our specific energy consumption by 1% or more per year, as stipulated in the Act on the Rational Use of Energy, by tracking energy use in each plant.

CO₂ Emissions (t-CO₂)



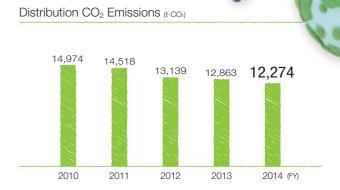


Reduction of CO₂ Emissions in Distribution

As a result of efforts to adjust low-volume routes, consolidate inter-plant collection routes, reduce transit volume by reviewing the supply chain (and promoting in-house manufacturing), reduce long-distance transit volume through relegation of production, and promoting the preferential use of railways and ships, we were able to reduce CO₂ emission in distribution by 4.5% from the previous vear.



\ \ \	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Distribution CO ₂ emission (t-CO ₂)	14,974	14,518	13,139	12,863	12,274
	_	_	_	Base year	-1



Reduction of Fuel Consumption through **Timer-based Control of Air Conditioners**

We reduced Type A fuel oil consumption by making improvements to run air conditioners only when needed using a timer-based controller, instead of running them around the clock as we had been.







Chemical Risk Reduction

In response to various regulations concerning chemicals, we are managing and reducing the quantities of chemicals used, transferred or released that could be hazardous to human health and ecosystems.



Chemical Management System

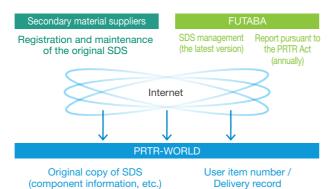
The quantities of relevant substances used, transferred or released are calculated from the quantities of secondary materials purchased (fuel, paint, adhesive, etc.), using the chemical management system (PRTR-WORLD) developed by Eco-Research K.K.



PRTR

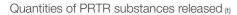
Pollutant Release and Transfer Register, which is a system whereby the release and transfer of chemicals suspected of being harmful are tracked quantitatively and registered.

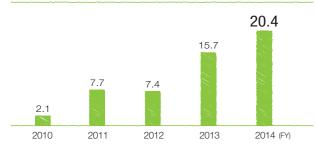
Outline of the chemical management system



Efforts to Reduce Chemical Substances

As for the quantity of chemical substance used, while the overall quantity decreased by 3% from the 548t of the previous year to 529t, the output of substances subject to PRTR increased as a result of an increase in the quantity of paint-related substances used due to the repainting of the floors in the plants, palettes, and jigs.









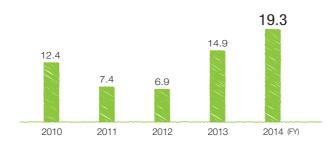
Reduction of VOC (Volatile Organic Compounds) Emissions

VOC emissions increased as a result of increased use of paint-related substances.



Volatile organic compounds, which are hazardous substances that create photochemical oxidants and other substances, thereby causing health problems.

VOC Emissions (t)



Environmental Report

Waste Reduction and Resource Recycling

In order to make effective use of limited resources, we have been promoting 3R (Reduce, Reuse and Recycle) activities, led by the Environmental Management System Subcommittees (Resource Conservation and Waste Reduction Subcommittees).



Industrial Waste Reduction

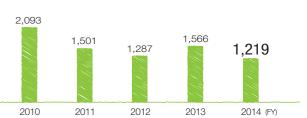
We are promoting efforts to reduce waste output and landfill waste and are working on the recycling mainly of waste oil, plastic, and sludge

Although the effect of in-house manufacturing based on a review of the supply chain and the streamlining of production facilities decreased in FY2014 compared to the previous year, industrial waste output decreased by 23% from the previous year due to the promotion of the recycling of waste materials.









Environmental Report

Conservation of Water Resources and Preservation of Biodiversity

Futaba is endeavoring to conserve water resources, which are the source of all living things, as well as preserve biodiversity through activities to make the local man-made forest more compatible with the original ecosystem.



Conservation of water resources

Futaba uses industrial water and groundwater in various processes including the cooling of its facilities, cleaning of its products and airtightness inspections. Futaba is making efforts to reuse its water resources by building recirculating systems at various sites. Industrial effluent from the plants is discharged into the public waters after separating out the oil in the oil-water separator tank. Additionally, sewage is constantly controlled in accordance with our voluntary standards, which are more stringent than the statutory standards. After the treatment in the septic system or the effluent treatment facility on our premises, the sewage is discharged into the public waters.







Efforts to Preserve Biodiversity

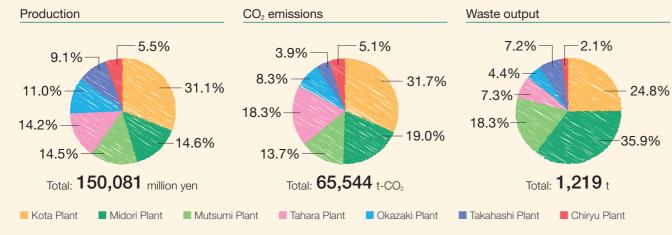
Futaba supports the objectives of the Okazaki City's "forest management" vision, and has been engaged in "reforestation activities" since May 2011. We have leased the municipal forest located in Yamatsuna-cho. Okazaki City and have been conducting tree thinning and weeding twice a year. When we first started our activities, the man-made forest was dense and dark even during the day with overgrown cedar, Japanese cypress and other evergreen broadleaf trees. After four years of activities, however, the area is now bright with sunlight leaking through the trees. The creation of a square in the forest is progressing steadily with the construction of a "House for Insects" utilizing the timber felled through tree thinning and the planting of sawtooth oak saplings. In August 2014, we organized an "insect collecting" event, inviting the families of our employees. The event was highly popular, being lauded as a good opportunity to get to know the forests and come into contact with the nature of Okazaki City.



Efforts of Plants and Group Companies

Recognizing that the conservation of the environment is one of the most important issues. Futaba's plants are conscious of environmental sustainability in conducting activities related to any and all aspects of business. The plants are also contributing to local residents through proactive efforts to communicate with, as well as through environmental conservation and social activities in harmony with the local communities.

Efforts undertaken by plants





Okazaki Plant

: Azaochaya 1, Hashimecho, Okazaki-shi, Aichi,

Total site area: 49.641 m2 Building floor area: 32.344 m² Products: Cowls, instrument panels side frames, center pillars



Kenji Tsuyuguchi

ervation, and other activities for the establishment of a safe and

Environmental and Social Activities

- Driven by the desire to make a positive contribution as a member of the community, we are encouraging safe driving by attaching an 8-meter long banner and streamers reading "Every person's wish: Traffic safety" to the fence around the parking lot. In addition, we have been promoting traffic safety on street corners on "zero traffic accident days (on the 10th 20th and 30th of each month)" and during traffic safety campaigns as well as cleaning the sidewalks around the plant for more than 20 consecutive years. We also contributed to crime prevention in the local community last fiscal year through such means as the installation of security cameras in the parking lot, subject to consultations with the local representative, and mounting a drive recorder on vehicles for business use.
- In terms of pollution prevention, we voluntarily measure noise and vibrations, test water quality, check the quantities of water used and effluent discharges, and otherwise manage changes without fail. We are also updating our septic tanks and other environmental facilities to ensure compliance with statutory requirements. We operate multiple stamping machines and, even though the noise level is below the level agreed upon with Okazaki City, we are implementing various soundproofing measures to the extent possible, including the application of sound insulation sheets on the entire inner walls of the plant, in order to ensure that the noise level is well below the limit. We will continue to conduct environmental conservation activities in the hope of remaining a company that is appreciated by the local residents.







Information on Environmental Impact

Power consumption 9,224 thousand kWh Water resources input 133,639 t Atmospheric chemical emissions **1.91** t **53.6** t 267 thousand m³ CO₂ emissions **5.459** t-CO₂ Waste output Gas consumption



Midori Plant

Address : Midorigaoka 6-1, Toyotashi, Aichi, Japan Total site area · 47 651 m²

Building floor area: 40.089 m²

Products: Suspension members, rear axle beams, fuel inlet pipes, instrument panel reinforcements, exhaust

manifolds



Koichi Futai Plant Manager

The plant operates within Toyota city. We cover the entire range of production (i.e., stamping → assembly → coating/zinc plating → shipping) for various items, major examples of which include automotive parts such as suspension, fuel inlet pipes and instrument panel.

As a matter of plant policy, we are endeavoring to improve the environment with the goal of "achieving sustainable improvement in order to contribute to the conservation of global environment through manufacturing." Improvements include the replacement of fifteen gasoline-powered

Environmental and Social Activities

- October 2014: We conducted a joint special disaster drill with the Toyota City Fire Department Headquarters and confirmed that we will strengthen our collaboration in
- November 2014: Appointed "one-day fire chief" by the Toyota City Fire Department, we campaigned for fire prevention in the areas around the Toyota City Station and encouraged the residents to make fire prevention efforts.
- We held a training session on the handling of AED to ensure that we are able to handle it appropriately as a corner first-aid station (business office equipped with an AED) in the event of an emergency.







Information on Environmental Impact

Power consumption 20,317 thousand kWh Water resources input 184,911 t Atmospheric chemical emissions **3.32** t Gas consumption 2.948 thousand m³ CO₂ emissions 12.474 t-CO₂ Waste output 437.9 t



: Donsuyama 110, Aizumacho, Chiryu-shi, Aichi,

Total site area: 35.742 m² Building floor area: 19,381 m

: Mufflers, fender shields,

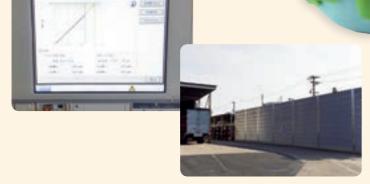


Yasuyoshi Shirai



Chiryu Plant Environmental and Social Activities

- Adoption of the Demand Control System for Air Conditioners The demand controller constantly monitors the amount of power consumed and automatically controls the air conditioner to ensure that power consumption does not exceed the prescribed target. This enabled the elimination of manual monitoring and adjustment of power consumption as well as the reduction of contract demand as a result of reliable peak cutbacks.
- Noise Reduction through Installation of Sound Barriers Sound barriers were installed along the sides of the shipping station in order to block the noise of loading trucks. This measure was taken to reduce the impact on neighboring areas, given that the increase in product shipment since last year has resulted in an increase in opportunities for noise generation.



Information on Environmental Impact

Power consumption 6,538 thousand kWh Water resources input 71,490 t Atmospheric chemical emissions **0.15** t 3.351 t-CO₂ Waste output 25.9 t Gas consumption 41 thousand m³ CO₂ emissions



Kota Plant

: Nagamine Yanagisawa 1-1. Products: Mufflers, exhaust manifolds Kota-cho, Nukata-gun, and other exhaust systems

Aichi, Japan Total site area: 236.742 m² Building floor area: 103,309 m²



Tateo Kawabuchi Plant Manager

Environmental and Social Activities

In order to develop a relationship with the local residents, we hold a ground golf tournament and a BBQ party every year in May with the participation of the residents of the adjoining Nagamine (Kota-cho) school district and the Ryugai (Okazaki City) school district.

Approximately 100 people participate each year with everybody having a good time playing ground golf, whether they are hard core players eager to score high or families enjoying a round with their fathers. At the BBQ party held after the tournament, local residents and our employees, including Plant Manager Kawabuchi, mingle for a meal in a friendly atmosphere.

A local resident who has known about this event since the plant was first constructed commented, "I look forward to this event each year. I truly appreciate the opportunity to have a get-together like this."

We hope to become a company that is well liked by the local residents by continuing with this activity.

• We accept student field trips from neighboring elementary schools and universities, as well as visits by administrative organs and other parties as a means of familiarization with our activities. In addition to receiving introductory information on our core products and principal production facilities, our visitors are invited to see the actual production area, including the production lines. Further, visitors are introduced to the safety-related activities of Futaba and the Kota Plant at the Manufacturing Training Center adjacent to the Plant with, among other things, demonstrations at the safety simulation facility on enhancing sensitivity to danger.





Information on Environmental Impact

Power consumption 34,248 thousand kWh Water resources input 120,444 t Atmospheric chemical emissions 20.723 t-CO₂ Waste output **301.8** t 13 thousand m³ CO₂ emissions Gas consumption



Mutsumi Plant

: Mukaimaeda 38, Zaike-cho, Okazaki-shi, Aichi, Japan

Total site area: 78.018 m² Building floor area: 48,525 m² Products: Office equipment / Information and environmental equipment Exhaust heat recovery devices, fuel cell-related parts ·Automobile parts Body parts, chassis parts



Deno Kanamoto Plant Manager

Environmental and Social Activities

We value our interaction with local residents by contributing to the community and promote traffic safety at the pedestrian crossings to the east and west of the plant, where there is heavy vehicular traffic. We stand at the crossings every day during prefectural Traffic Safety Campaign period and on the Zero Traffic Accident Days (10th, 20th and 30th of each month) to ensure the safety of elementary and middle school students on their way to and from school and prevent traffic accidents.

As regards to the traffic safety education of employees, we provide lectures by staff members from the Traffic Department of the Okazaki Police Station and DVD-based education to our new employees and employees less than 40 years of age in an effort to prevent traffic accidents.

In terms of energy conservation activities that lead directly to CO₂ reduction, in FY2014, we are planning and implementing improvements in order to achieve the goal of reduction by 1% from the FY2013 level (1% reduction per year).

Major improvements included reducing the standby electricity of robots through the simplification of production lines (switch to slim and compact lines with the minimum number of robots necessary), and setting facilities to operate at optimum conditions as achieved through the use of inverters, switching to highly efficient transformers, proactive implement of LED lighting, and enforcing strict control of the temperature and time setting of air conditioners.

In addition, we decreased the wasteful use of materials through the reduction of in-process defects, and reduced the use of fuels by promoting battery lifts. Furthermore, we conduct monthly energy conservation patrols to maintain and enhance awareness on energy conservation.







Information on Environmental Impact

Power consumption 15,576 thousand kWh Water resources input 114,578 t **1.33** t Atmospheric chemical emissions Gas consumption 3 thousand m³ CO₂ emissions 9.001 t-CO₂ Waste output **222.9** t



Takahashi Plant

: Hifumi 24, Takahashi-cho, Okazaki-shi, Aichi, Japan

Total site area: 29.962 m² Building floor area: 17,343 m² Products: Production of dies, welding assembly lines and fine blanking products



Tsugumi Sanmiya Plant Manager

As the Production Engineering Department, our role is to provide stamping dies and welding assembly lines to the production plants. The key words being "simple," "slim" and "compact," we provide stamping dies and assembly lines incorporating various ingenuities that contribute to CO_2 reduction to our domestic plants and subsidiaries, as well as to our overseas subsidiaries. In addition, we assist automobile manufactures in building assembly lines, in the course of which we make various proposals for the achievement of eco-friendly assembly lines. With regard to the production of stamping dies, we adopted an index referred to as the "opening ratio" in an effort to get the

dimensions of a die as close as possible to the dimensions of the actual product and have thereby succeeded in achieving the same functions as before with fewer resources. As for assembly lines, we are endeavoring to reduce CO₂ emission through LCA activities, taking care to design each assembly line in such a manner that only the minimum necessary resources will be consumed during the entire life span of the line from its completion to disposal. In FY2015, we will continue to conduct activities with a view to achieving even higher goals by pursuing "production preparation reforms," based on the belief that "the quality of production preparation materially impacts the environment."

Environmental and Social Activities

- "Simple, Slim and Compact" Dies and Assembly Lines ... Representative Examples
- (1) Simplify using mechanisms (cut the unit weight by half).
- (2) Build eco-friendly assembly lines (cut the assembly line weight by half; reduce energy consumption).
- (3) Utilize virtual technology to pursue "simple," "slim" and "compact".
- (4) Reduce the quantity of materials used by changing the shape of bending work.
- (5) Shorten the stamp die making process (reduce the amount of casting used; reduce energy consumption).
- (6) Reduce unnecessary use of materials by digitizing wiring and wiring blueprints.
- (7) Reduce CO2 by installing LED lighting with motion sensors in the restrooms.

Building Eco-friendly Assembly Lines

Metal cores are fixed in place for the simultaneous casting of three dies.



Metal cores are

capacity is reduced by two thirds.

It is possible to frames etc.

Weight: 1400Kg → 700Kg (50% reduction)

Information on Environmental Impact

Power consumption 3,439 thousand kWh Water resources input 14,406 t **0.46** t Atmospheric chemical emissions 2.534 t-CO₂ Waste output 87.9 t 2 thousand m³ CO₂ emissions Gas consumption



Tahara Plant

Total site area: 102,461 m²

: Midorigahama 1-5, Tahara- Products : Mufflers, exhaust manifolds shi, Aichi, Japan and other exhaust systems. cowls, rear axle housing Building floor area: 56,725 m²



Kazumitsu Ozaki Plant Manager

Environmental and Social Activities

Switch from Gasoline-powered to Battery-powered Forklifts

By taking the opportunity of forklift replacement to make the switch from gasoline-powered to batterypowered forklifts (6 units), we reduced both gasoline consumption (5,680 L/month) and CO₂ emission (12.74 tCO₂/month). The shift from gasoline to electricity also resulted in a cost reduction of 301,758 ven/month.



Traffic Safety Association of Tahara Coastal Companies jointly stood along the industrial road to the east of the plant to promote traffic safety during the spring, summer, fall and winter Traffic Safety Campaigns. Twenty members from the plant consisting of department managers, section heads and labor union representatives participated in the project. Every day during the Campaigns, various departments took turns having a cumulative total of 150 employees promote traffic safety on the roads along the plant used by commuters as well as clean the roads in the neighborhood.

Participation in "Tahara City Light-down Campaign

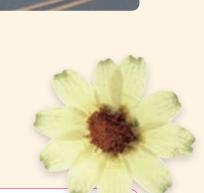
Following last year, we again participated in the "Winter Light-down Campaign" held in February, in conjunction with the Energy-saving Month, and the "Summer Light-down Campaign" held from June through July by Tahara City.

This event, conducted as part of the activities of the Tahara Eco garden city Regional Council, encourages to turn off the lights at light-up facilities in the city, to think about how lighting (energy) is being used and to experience how turning off lighting in familiar places does not affect convenience. Many companies in Tahara City (51 in this FY) participate in this event as an opportunity to think about the problem of global warming.

■ Registration with the Tahara Eco Challenge Declaration

We have registered for the Eco Challenge Declaration (energy conservation activities for residents and business operators) of Tahara City. We will conduct energy conservation activities on our business sites and participate in events sponsored by Tahara City.





Information on Environmental Impact

Power consumption 20,905 thousand kWh Water resources input 134,566 t

2 thousand m³ CO₂ emissions

Atmospheric chemical emissions

12,003 t-CO₂ Waste output

1.08 t **88.8** t

Gas consumption

Futaba Kyusyu Co., Ltd.

Address

: Kawahara 5515, Ohkawa- Building : 45,378 m² cho. Imari-shi. Saga. Japan floor area

Total site area: 136,973 m² (Total for Head Office, Imari Plant and Nogata Plant)

(Total for Head Office, Imari Plant and Nogata Plant) (Head Office / Imari Plant) Products: Mufflers, exhaust heat recovery devices, pillars, cowls, instrument panels, inlet pipes, pedals, beams



Nobuharu Hamada

Environmental and Social Activities

As an improvement introduced by an employee, we applied heat insulating paint around the truck yard of Nogata Plant to improve the work environment by 10°C or more compared to pre-application. At Imari Plant, wasteful power consumption was eliminated by cycling the warm air released by compressors into the plant, instead of discharging outside, to cut back on heater usage. Further, both plants worked on reducing CO2 emission by sequentially replacing gasoline-powered forklifts with battery-powered forklifts.





Information on **Environmental Impact**

Power consumption 14,892 thousand kWh

6.7 thousand m³ Gas consumption

Water resources input 18,419 t

Waste output

111.0 t





Apics Co., Ltd.

: Sumi Minamiyama 2-1, Kota-cho, Nukata-gun, Aichi, Japan (Head Office, Plant)

Total site area: 49,699 m² Total for Head Office, Kota Plant and Anjo Plant)

Building: 17,681 m² floor area (Total for Head Office, Kota Plant and Anio Plant) Products: Production of automobile parts

and dies, stamping, assembly



Takafumi Nakamura Representative Director

Our Head Office and Kota Plant are situated in an industrial park adjoining Sumi Interchange on National Route No. 23. The plant is surrounded by green, allowing us to conduct our daily production

activities, we are working on improvements based on the TPS (Toyota Production System), which include reviews of the production system promoting activities that will mitigate the environmental impact.

Environmental and Social Activities

• We received a group of 30 fifth grade students from a neighboring elementary school for a tour of the plant as a social contribution activity. The students appear to have enjoyed their visit a great deal, since we received a collection of their essays on how deeply impressed they were to see products actually being made at a manufacturing site.

We also participate in environmental beautification projects, including the cleaning of roads in our periphery and weeding, as well as in festivals and ceremonial events. Additionally, we conduct traffic safety activities in consultation with the municipal governments on the traffic status of neighboring roads.





Information on **Environmental Impact**

Gas consumption

Power consumption 2.082 thousand kWh 16 thousand m³

Water resources input

Waste output

5.863 t 19.0 t



Futaba Hiraizumi Co., Ltd.

: Hiraizumi Kamitokuzawa 65, Hiraizumi-cho,

Building: 17,148 m² floor area

Nishiiwai-gun, Iwate, Japan Products: Mufflers and body parts

Total site area: 77.244 m²



Kazuo Nishiyama resident and epresentative Directo

Environmental and Social Activities

• We switched the air conditioner in the administrative building from the KHP type to the GHP type as a part of our energy conservation project. As a result, we were able to reduce CO2 emission by approximately 25%. Further, we are contributing to the environment activities of the local communities by regularly picking up litter around the plant and implementing measures to prevent pollution of rivers through regular inspection of industrial effluent.



Information on **Environmental Impact**

Power consumption 3.997 thousand kWh Gas consumption 0.0023 thousand m³

Water resources input Waste output

1.864 t 10.3 t

Social Report

Relationship with Customers

We engage in the research and development of cutting edge technologies in order to provide products and services worldwide that satisfy our customers in terms of both quality and cost.



Message from the Director in Charge of Quality



Noriyoshi Kurono The Person Responsible for Quality Assurance

There is no end to quality improvement activities

In order to be "a company that is trusted by customers" as stated in the management principles, a goal that we must achieve without fail is to deliver "high quality."

In FY2014, we continued to hold true to the basics of quality assurance and promoted quality improvement activities, which focused on preventing the recurrence of incidents, in a way that was "thorough, persistent," and "stubbornly honest and down to earth," and were able to witness a certain level of achievement. However, there is no end to quality improvement activities. All Group employees will work as one in an effort to further enhance our quality awareness and realize our aspiration to become "a company that is trusted by customers."

Quality Policy

- (1) Clearly define requirements in each of the design, production preparation and manufacturing stages, and reinforce the systems and structures for achieving the desired quality with all functions working as one.
 (2) Improve corporate culture through true communication and ongoing education on quality in order to

- (2) Improve corporate culture through true communication and ongoing education on quality in order to firmly establish the mindset of giving top priority to quality.
 (3) Continue with QA inspections and voluntary audits of specialized processes (welding, surface treatment, thermal treatment), focusing on the completion of improvements.
 (4) Address each defect or failure with integrity and win customer satisfaction by ensuring implementation of measures that accurately address the true causes and dealing appropriately with
- (5) Resolve issues pertaining to the implementation of quality management systems with a view to the company-wide adoption of ISO/TS16949.

Quality Improvement Activities

We have established organs such as the "Quality and Performance Council" and the "Quality Improvement Debriefing Meeting" in order to improve the overall quality level of the Futaba Group.

Quality and Performance Council

The Council meets monthly, with the participation of all domestic plants, to report on the quality improvement efforts of each department to the top management.

In addition to making prompt decisions on Futaba's directionality regarding quality, the Council also unifies views within the Company to achieve a consensus.

Quality Improvement Debriefing Meeting

The director in charge of quality visits the production sites at each plant to inspect quality improvement activities and provide guidance. The direct

communication and implementation of the thoughts and policies of the top management through the inspection of the "quality improvement cycle every three months" and "in-process defect minimization activities" are resulting in heightened awareness about quality improvement.

Global Expansion

We are aiming to expand our quality improvement activities to include domestic and overseas subsidiaries, so that the various sites may compete with each other thereby increasing the overall quality level of the Group.



Futaba Industrial Co







Social Report

Relationship with Customers



Superior TNGA Promotion Award

We were presented the Superior TNGA Promotion Award at the 2015 Toyota Global Suppliers Convention held on February 27, 2015 (Friday) at the Nagoya Congress Center. The award was in recognition of the contribution made by "creating ever-better cars.

We established the Futaba NGA Committee in FY2012 in order to promote company-wide efforts from the early stages of development. In the case of the ultra-thin muffler which won us the award, we achieved higher fuel efficiency by enhancing underfloor aerodynamics, expanded luggage capacity to improve space utility by taking advantage of the competitiveness by standardizing the muffler cross section and streamlining production processes.

This was the first time in eight years since 2007 that w received an award on stage at the Convention.



Social Report

Relationship with Shareholders and Investors

By establishing a disclosure policy, we strive to provide accurate and fair information to our shareholders and investors in a timely manner.



of Shareholders.

of our initiatives.

Disclosure Policy and IR Activities

Futaba discloses important information, such as information on decisions, events and financial results that affect investment decisions, in accordance with the Financial Instruments and Exchanges Act and other laws and regulations, as well as in accordance with the rules stipulated by the Tokyo Stock Exchange.

We also voluntarily disclose information that does not fall within the foregoing category but may affect the investment decisions of our investors or are believed to be helpful in promoting understanding of Futaba, based on our own judgment.

Communication with Shareholders



▲ The 101st Ordinary General Meeting of Shareholders

As we prize our communication with our shareholders, we give utmost priority to transportation convenience in the selection of venue for our Ordinary General Meeting We also proactively participate in various events including manufacturing trade shows and provide shareholders with opportunities to deepen their understanding



Relationship with Suppliers

Futaba consistently manages our business from a global perspective and is working to grow and develop together with our suppliers.



2014年度方針

Social Report

We are implementing policies that will allow us to coexist and co-prosper with suppliers based on mutual trust from a long-term perspective.

- 1. Promote structural reinforcement activities from suppliers' perspective (by brainstorming together on the enhancement of safety, quality and respective financial position).

 2. Establishment of a procurement bases capable of contributing to Futaba NGA on a global scale.
- 3. Formulate and execute a human resource development plan for procurement (three-year development plan and tri-monthly process reporting).
- 4. Strengthen collaboration with other departments (policy reporting sessions, collaboration with the Production Preparation Reform Department, and joint activities with other departments)

Basic Procurement Policy

In order to manufacture parts that will satisfy our prized customers, Futaba conducts procurement in accordance with the following three basic policies:

1. Open and Fair Optimal Procurement

- In the selection of suppliers, we clarify our expectations in terms of quality, cost, technology and delivery, and we assess the accomplishments of each candidate in a fair manner.
- We consistently remain open to new entrants and judge such candidates fairly by comprehensively taking into account factors including the candidates' economic conditions, presence of any antisocial elements and their environmental initiatives, in addition to quality, cost, technology and delivery.

2. Ongoing Transactions based on Mutual Trust

- We mutually cooperate to maintain direct and two-way communications with our suppliers and aim for mutual prosperity through long-term and ongoing transactions.
- In order to ensure cost-competiveness for both Futaba and the suppliers into the future, we cooperate with the suppliers in cost reduction activities from a medium-term perspective.

3. Matching Global Perspectives with Optimal Local **Procurement**

- We build competitive procurement bases in each region of the world in order to contribute to the optimal local manufacturing of each customer.
- We will contribute to the local communities by proactively utilizing local suppliers.

Establishment of Trust with Suppliers

We opened a "Supplier Communication Room" on the second

floor of the head office in April 2013. We are proactively distributing various information to our suppliers, including the following: (1) Futaba "VISION 2020" (2) The policies of the Procurement Department and the Material Procurement, Parts Procurement and Dies/Assembly Lines Procurement Departments (3) Customer information (4) Quality status of suppliers (5) Good examples of cost improvement (6) Quality-related examples (7) Introduction of products for which we received orders (8) Information on production plants (9) Information on production technologies concerning dies (10) Information on production technologies concerning assembly lines (11) Information on overseas production sites (12) Comments to Futaba.

In addition, it is being used for communication among our suppliers.



Green Procurement

As regards to the procurement of items comprising the products we manufacture and sell, we are working on enabling preferential procurement from suppliers who are conducting environmental conservation activities together with use and proactively establishing environmental management systems and promoting initiatives for reducing environmental impact.

Based on our environmental policy, we are endeavoring to realize green

procurement by asking our suppliers to (1) comply with relevant laws and regulations, (2) build environmental management systems, (3) promote initiative to reduce environmental impact (reduction of distribution-related CO₂, reduction of packing and packaging materials, improvement of environmental performance) as a part of their voluntary environmental activities.

Relationship with Employees

Futaba will respect the personalities and individuality of our employees, ensure a safe and pleasant work environment, and strive to provide comfort and enrichment to our employees.



Message from the Director in Charge of Personnel Affairs



Takashi Fujii General Manager, General and Personnel Affairs Department

A Company that Our Associates Can Be Proud of and Feel Motivated by

Our management principles refer to "a company that our associates can be proud of and feel motivated by." In order to realize this principle of becoming "a company that our associates can be proud of and feel motivated by "our associates" must respect each other and be mentally fulfilled in an environment where they can work safely and comfortably. To this end, we provide various types of education to our employees so that each employee may attain higher skills and awareness in addition to working proactively to create a workplace that is both safe and comfortable.

Building a Workplace Where Safety Comes First

We are continuing to implement the activities from the previous fiscal year while adding eradication of equipment abnormalities as a new activity.

Safety is the embodiment of management, and is our top priority. Yasuhiro Mishima

Our activities consist mainly of "A" activities comprising those continuing from the previous fiscal year and "B & C" activities comprising efforts to improve the results from the

[A. Establishment of a safe and comfortable workplace]

- (1)Improvement of communication between supervisors and subordinates
- (2) Enhancement of employee sensitivity to danger
- (3)Reduction of risks in the workplace

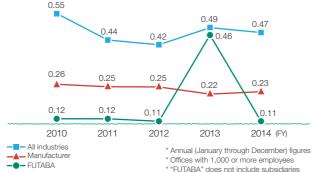
[B. Prevention of industrial accidents]

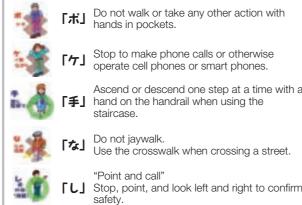
- (1)Prevention of serious accidents
- (2)"2015 'No Hands in Pockets' Campaign" for enhancing the knowledge and awareness of workers
- (3) Familiarization of employees with do's and don'ts for walking around safely

[C. Health promotion activities]

- (1)A health promotion campaign for the amelioration of metabolic syndrome
- (2)Stop-smoking campaign and establishment of outdoor smoking stations aimed at preventing passive smoking
- (3)Improvement of work environment and heatstroke-related items aimed at achieving "zero" heatstroke

Frequency of industrial accidents (Disabling injury frequency rate)



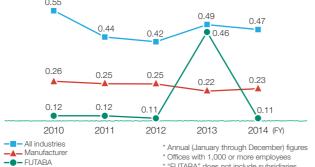


Human Resource Development

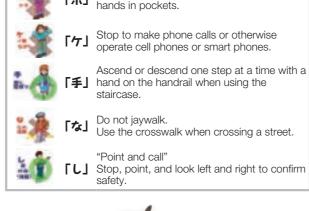
Nurturing manufacturing professionals

We opened the Manufacturing Training Center in 2011 in order to foster individuals and establish workplaces that are strongly geared towards manufacturing, as well as cultivate masters who excel in specific skills.

Futaba is endeavoring to cultivate human resources through implementing classroom education on safety and quality that is provided in groups, sensory education in the sensory section of the Center, special education designed for the acquisition of certifications for specialized skills such as stamping and welding, which are core technologies, and various skill-related competitions.



2015 "No hands in pockets" campaign





Provision of Education for Skill Development

Education by Rank

We provide rank appropriate training (e.g., new employee training, problem resolution, management and executive training) for every level of employees, from new recruits to executives, in order to enhance their knowledge and skills required for the respective job type and rank.



Education by Function

We provide education that focuses on the specialized skills required of each function, such as language screening and cross-cultural training mainly designed to cultivate global human resources, and education on TPS and quality that serves as the basis for manufacturing.



Education by Workplace

We promote OJT (on-the-job training) and provide on-the-job education in the workplace.



Utilization of Diverse Human Resources

Recruitment

Our aim is to recruit human resources capable of operating globally that have the ability to solve problems, take action, work as a part of a team and continue to learn.

Hiring of disabled persons

We actively employ disabled persons to assist them to live independently and participate in society. The percentage of employees with disabilities in FY2014 was 2.37% and exceeded the statutory requirement. We will continue to make efforts to expand the employment of individuals with disabilities.

	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
No. of employees	3,085	3,166	3,205	3,211	3,249
(Of which are female employee)	262	278	292	286	286
No. of non- Japanese employees	13	14	18	19	17
No. of re-employed workers	64	75	78	87	86
Percentage of employees with disabilities	1.78%	1.82%	1.84%	2.29%	2.37%

Establishment of a pleasant workplace

Promotion of Paid Annual Leave

Based on the belief that the separation between work and leisure allows an individual to maximize his or her potential, both the management and the workers at Futaba are promoting the use of fifteen days of paid annual leave.

Further, there is a system that allows employees to take three consecutive days of paid annual leave once each year so that employees may refresh both the mind and the body,

Improvement of the Childcare Support System

Futaba is making efforts to establish an environment where employees are able to continue to work with ease by striking a balance between work and childcare or nursing care. We actively support working parents by offering flexible options in terms of work arrangement, such as by extending the eligibility for working shorter hours beginning on April 1, 2012 to cover children three years of age to fourth grade of elementary school and allowing employees to choose their start and end times in 30-minute increments.

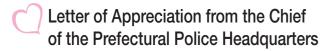
as well as a system that allows employees who have been with the company for a long period to take five consecutive days of paid annual leave during a milestone year. We are striving to encourage our employees to take leave by confirming the annual leave situation between the management and the workers.



	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
No. of employees who took childcare leave	25	31	34	43	46
Percentage returning to work after extended childcare leave	81.5%	88.9%	94.1%	95.3%	100.0%
No. of employees who worked shorter hours due to childcare	3	5	21	20	27

Relationship with Local Communities

In the hope of creating a bond of trust with local residents, we are aspiring to enhance our social contribution activities by actively communicating with the local communities and addressing various comments and opinions.



On April 1, 2015, we received a letter of appreciation from the Chief of the Prefectural Police Headquarters at the Okazaki Police Station for having devoted our efforts to traffic safety in the local community for more than three years. The letter was presented in recognition of our activities that included the monitoring of local elementary school students on their way to and from school, distribution of items promoting traffic safety to children, donation of drive recorders to Kota-cho for use in official vehicles, and the purchase and installation of "Night Police" reflector boards. This was the first time that we were awarded a letter of appreciation by the police.



▲ Letter of appreciation from the chief of the prefectural police headquarters



Promoting traffic safety out on the streets

Promoting Traffic Safety Out on the Streets

We stood on the streets to promote traffic safety on April 7, 2015, the first day that the new first graders headed to school, and distributed traffic safety items. President Mishima and other corporate officers, together with Yamauchi of the Okazaki Police Station, handed traffic safety items to each child and advocated traffic safety. Our employees also stood on street corners in the periphery of the plant and encouraged employees and local resident to comply with the traffic rules.



FMI Participates in a Major Cleaning Campaign

On January 15, 2015, our Indian subsidiary FMI Automotive Components Ltd. participated in a major cleaning campaign that was held through India. As a participant in this event, which was led by Prime Minister Modi of India, FMI conducted cleaning activities at the New Delhi Station. FMI's activities attracted a high level of interest in India, with Prime Minister Modi himself referring to them on a SNS in addition to the various news agencies reporting on them



▲ FMI participated in a major cleaning campaign

4th Futaba Youth Baseball Championship

We have been holding the Futaba Youth Baseball Championship as part of our contribution to communities as a local company for the purpose of fostering sound juvenile growth and enhancing physical strength and baseball techniques. The fourth championship was held from September to October 2014. A total of approximately 500 players from 32 youth baseball teams, the largest number yet, participated in the tournament this year from the neighboring towns and villages, primarily Okazaki City, and engaged in a heated battle.

Following intense games, Mikawa Club won the tournament for the third time after two years from the previous win.



▲ 4th Futaba Youth Baseball Championsh

▲ Beetle (Japanese Dynastid Beetle) catching event

Beetle (Japanese Dynastid Beetle) Catching Event

On August 2, 2014, we held a "Beetle Hunt" in the municipal forest to the north of the former Okazaki City Kuwagai Mountain Lodge as a forestation-related summer event. Children from three to nine years old participated in the event and experienced catching Japanese dynastid beetles, stag beetles and other insects with their own hands.

Comment from Local Residents

"Association for the Beautification of Yashitagawa" Mr. Hiroshi Ina

The Association was established in 2006 in response to the requests of local residents to be able to us the square and pathways along the river safely.

The river banks were covered with overgrown bamboo, trees and weeds, the visibility was poor, and there were illegally disposed trash and waste materials. The cooperation of numerous people is required for the beautification of a vast expanse of land, and the participation of large numbers of employees from your company each year is greatly appreciated. It is a reminder of the high levels of contribution you are making and awareness you have on environmental conservation.

The riverbank beautification campaign, which takes place in December each year, has become a major annual event that enjoys the participation of local residents, including middle and high school stu dents. Thanks to the cooperation of all these people, there now is a wide open area that is nice and clean, as well as well-maintained paths. The bamboo cut out from the forest is used for various local events, such as summer bonfires and bamboo candles for moon-viewing parties, and enjoyed by all Thanks to your help, we were received an award from the Ministry of Land, Infrastructure, Transport and Tourism Chubu Regional Development Bureau and became the first group in Okazaki City to be designated.

Your continued cooperation would be appreciated as we continue with our efforts to improve ar maintain the wide and clean square together with the pathways.





Futaba Industrial Co., Ltd.

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