





























# Toyo Seikan Group Holdings, Ltd.

CSR Office, Toyo Seikan Group Holdings, Ltd.





# **Open Up and Be Inspired**

The Toyo Seikan Group contributes to the solution of social issues through its business activities.

All our employees are aware of their social responsibility in daily operations

Through these efforts, we create the values of "Open Up and Be Inspired," and aim to become a company that contributes to

achieving a sustainable society.

The Toyo Seikan Group (the "Group") promotes CSR management based

This report was created with the aim to clearly communicate the Group's

CSR vision and activities to its stakeholders. For your better understanding

of our specific CSR activities, we classified our achievements in fiscal 2019

(the year ended March 2020) into environmental, social and governance

categories and described them in the corresponding sections of the report.

Please visit our website for the information not covered by this report, such as

stakeholders and actions originating from such communication. We would

Our stance on CSR is based on sincere communication with our

on its "Management Philosophy" under a holding company system.





our CSR-related policies, systems and data.

https://www.tskg-hd.com/en/csr/

appreciate your opinions and feedback.

**Editorial Policy** 



### Report Profile

### Companies covered by the Report:

Domestic and overseas group companies including Toyo Seikan Group Holdings, Ltd.

### Period covered:

April 1, 2019 to June 30, 2020

### Numerical data:

April 1, 2019 to March 31, 2020

### Published in:

October 2020 (Next issue to be published in October 2021)

### Reference Guideline:

ISO26000 (Guidance on Social Responsibility)

### Management Philosophy of Toyo Seikan Group

### **Management Policy**

We will constantly create new and innovative values, aspire to achieve a sustainable society and contribute to people's happiness.

We will honor dignity and always strive to be fair and unbiased in every way.

All of us will fully demonstrate our own strengths and expertise, and contribute to social prosperity while we grow and thrive as an individual, a corporation or a group.

We will aim to become the Group which can provide unique and innovative technologies and products that will meet global expectations.

### Fundamental Principles of Toyo Seikan

In 1933 our founder Tatsunosuke Takasaki clearly stated our founding philosophy as the fundamental principles in the handbook "The Mission of Toyo Seikan," which was distributed to shareholders, employees, and partners in the industry. Since then, we have fulfilled our duties based on the principles. This is the origin of CSR activities of the Toyo Seikan Group.

- 1. Our aim is to achieve results that bring happiness to mankind.
- 2. We shall work not just for profit, which is merely a result of our business activities and not the main purpose.
- 3. All of us shall have a spirit of service to fulfill our respective duties and demonstrate the spirit as the entire organization, striving for the prosperity of our business partners in the same way as for our own success.

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Toyo Seikan Group Companies

Please refer to the relevant websites for details of activities at group companies described below. (Reports marked with an asterisk (\*) are available only in Japanese.)

- Toyo Seikan Co., Ltd.: Environmental Website\*
- Toyo Kohan Co., Ltd.: CSR\*
- Tokan Kogyo Co., Ltd.: CSR
- Nippon Closures Co., Ltd.: Environmental and Social Activities\*
- Toyo Glass Co., Ltd.: Environmental Activities\*
- Mebius Packaging Co., Ltd.: Our Commitment to Environment
- Tovo Aerosol Industry Co., Ltd.: Environmental Policy\*
- TOMATEC CO., LTD.: The Measure for Environment

# **Company Profile**

### Toyo Seikan Group Holdings, Ltd.

Founded: June 25, 1917 Representative: Ichio Otsuka,

President and Representative Director

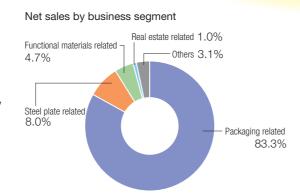
Capital: 11,094 million yen

**Head Office:** Osaki Forest Bldg., 2-18-1 Higashi-Gotanda,

Shinagawa-ku, Tokyo 141-8627, Japan

Number of 447 (19,307 on a consolidated basis)

**Employees:** as of March 31, 2020



### **Business Overview**

### Packaging business



Manufacturing and sales of various packaging containers that support people's daily lives, such as metal cans, plastic containers, closures, glass bottles, paper containers and aerosol products.



Manufacturing and sales of various steel plate materials used in every phase of daily life, such as materials for cans, electrical and electronic components, automotive and industrial machinery parts, and construction and consumer electronics.

### Functional materials related business



Manufacturing and sales of materials with various functional properties, such as aluminum substrates for magnetic disks, functional films for optics, glaze, micronutrient fertilizers, pigments and gel coats.

### Machinery and equipment



Manufacturing and sales of packaging-related machinery and equipment including container manufacturing equipment and filling & seaming equipment.



Trucking and warehousing services mainly for group companies.

### Real estate related business



Leasing of office buildings and commercial properties.

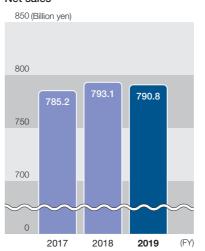
# Other businesses



Manufacturing and sales of automotive press dies, machinery and appliances, hard alloys and agricultural-use materials; sales of petroleum products; and non-life insurance agency business.

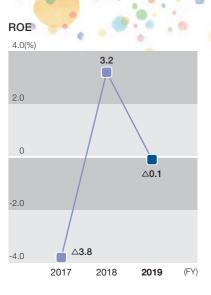
### Financial Data (Consolidated)

### Net sales

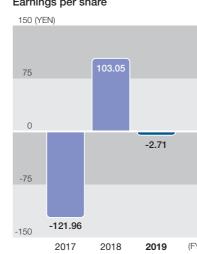


### Operating profit

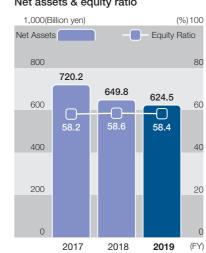




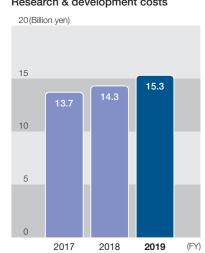
### Earnings per share



### Net assets & equity ratio



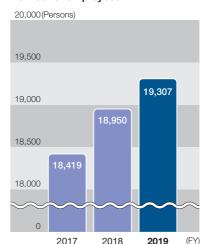
### Research & development costs



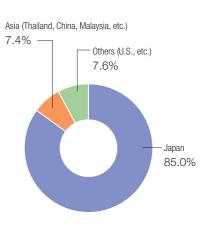
### Cash flow



### Number of employees



### Net sales by region



\*Since the Company has adopted the "Partial Amendments to Accounting Standard for Tax Effect Accounting" (ASBJ Statement No. 28, issued on February 16, 2018) for its consolidated financial statements from fiscal 2018, figures for fiscal 2017 are retrospectively adjusted according to the currently adopted standards.

# Address ongoing social Issues and seek to look ahead to social changes through our management based on corporate social responsibility





# Developing a transparent organization to address risks under the initiative of Risk Management Administration Office

In publishing our CSR Report 2020, we would like to express our deepest sympathy to those who are suffering from the coronavirus disease and to those who are in difficulties amid the pandemic. We would also like to express our sincere gratitude to medical professionals and people working dedicatedly in this situation. Making maximum efforts to prevent infection, we as the entire group also continue to perform our duties to support your daily lives.

In the past the Toyo Seikan Group suffered damage to its facilities caused by natural disasters such as the Great East Japan Earthquake, the flooding in Thailand and the torrential rains in Western Japan. In October 2019, we established the Risk Management Administration Office to provide against various risks, including natural disasters which frequently occur worldwide and information security issues. The new division is also playing a central role in responding to the ongoing COVID-19 pandemic, collecting information and implementing our business continuity plan (BCP).

Recognizing that an inappropriate initial response poses a significant risk, the office always bases itself on the principle: "Share bad information as quickly as possible." I believe this has been working well to allow the Group as a whole to take prompt action.



### Our commitment to the Materiality of Toyo Seikan Group

As part of our CSR-based management under the Management Philosophy established in 2016, we have been engaged in our Eight Material Issues, specific priority issues we have identified, across the group.

### Compliance, which underlies all of our activities

I believe that thorough compliance is the foundation of all activities.

In 2019, our operating company Toyo Seikan received a surcharge payment order from the Japan Fair Trade Commission regarding the violation of the Antimonopoly Act. To ensure that this will never happen again, we have been implementing group-wide preventive measures, including the establishment of compliance framework for the Antimonopoly Act, the enhancement of bribery prevention, and deeper understanding of the Group's Code of Conduct and Guidelines of Behavior. The Group's founder Tatsunosuke Takasaki used to say that technicians who make canned food must deserve the trust of people since the products' contents cannot be seen at all from the outside. In doing business, we must engrave these words on our mind and never forget them.

### Addressing environmental issues

Regarding the contribution to the environment, the marine plastic pollution is an urgent issue to address, following climate change. Plastic containers such as PET bottles have been widely used in the food and beverage industries to help deliver safe and reliable products. Meanwhile, mass production and consumption models are reaching their limits, and there is an irreversible trend towards the production and consumption that are well-balanced with the environment. In order to create a sustainable society, we will contribute to the solution of the environmental issues through our efforts, including the "3Rs" initiatives, the development and introduction of alternative materials, and cooperation with external partners.

### Be more sensitive to future changes, provide packaging and services that meet the needs of society

We have expertise and knowledge, both tangible and intangible, which have been accumulated for over 100 years since founding of the Group. To utilize them for innovation to provide solutions to social issues, we ourselves should refine our sensitivity to anticipated changes in society. As one of such efforts, we launched the Future Design Lab in our Singapore branch office in April 2019. Singapore is the center of Asia, where emerging nations are growing, and the place where information is being exchanged across borders.

In this region, we will seek to detect signs of changes beyond the common ideas, aiming to integrate such insight with our existing knowledge.

We also initiated the OPEN UP! PROJECT, a project for innovation and product development from a long-term viewpoint to redesign the Group for the next 100 years. Demanding a quick return would force us to focus more on existing businesses and would result in a lack of long-term development activities and eventually, a lack of future opportunities for the next generations. We must prevent such situations.

In addition, diversity is important in designing new products and services. As for packaging containers, for instance, removing little inconvenience in daily living is required—including caps easy to open for the elderly with weaker hand strength, and containers suitable for sorted collection from the viewpoint of consumers sensitive to effective use of resources. We need colleagues with different perspectives in order to find a clue out of the findings made in daily life and to use it for business. To that end, we will continue to develop our organization and corporate culture that allow diverse members to demonstrate their different abilities.

### Governance to bring out abilities of operating companies

Our group management is aimed at bringing out the strength of individual operating companies. To achieve this goal, management needs a dialogue with employees in the respective workplace. Since taking office, I have visited domestic and overseas operating companies to talk with colleagues working there. Recently I began to send my message twice a month to all group members, hoping to foster the sense of unity within the Group. We also invited a new outside director who had served as an executive at other companies. With critical opinions from the new board member, management is developing a framework for business plan formulation and investment decision-making.



# Be a business group that opens up the future with new technologies

I expect that the key words 20 to 30 years from now will be "food and health," "environment" and "digital information." Responding to new social issues such as climate change and digitalization while maintaining our founding principles of delivering safe, reliable and high-quality products and services, we need to be aware of expectations for us and become a group that opens up the future with new technologies. This is the way for us to implement our management philosophy: We will constantly create new and innovative values, aspire to achieve a sustainable society and contribute to people's happiness.

O Toyo Seikan Group CSR REPORT 2020

# **Materiality Topics**

Materiality **More Sustainable Supply Chain** 

# Mebius Packaging Takes Part in a Joint R&D **Project for Recycling Plastic Containers**

With demand for businesses to contribute to the solution of global environmental issues, Mebius Packaging, together with Asahi Kasei Corporation and Lion Corporation, has been engaged in an R&D project to help create a zero waste society.

### Outline

The three companies have jointly conducted R&D activities based on a research program led by New Energy and Industrial Technology Development Organization (NEDO), "R&D on material recycling processes to achieve an advanced plastic recycling," which began in July 2019. Under this project, Mebius Packaging has focused on recycling polyethylene that is collected as household waste in schemes under the Containers and Packaging Recycling Law to be reused for packaging containers.

### Challenges

Unlike used PET bottles, many of which are recycled into new beverage containers, progress in recycling polyethylene waste is slow despite its large volume. One reason is that containers which are collected as waste widely vary in their applications, contents, and specifications. Another reason is that there are no established recycling processes or ways of using recycled plastic which work properly for those diverse packages in the value chain

### Eco Action Plan 2030 - Environmental Goals of Mebius Packaging -

### Contribute to a Zero-Waste Society Use ratio of recycled/ Recyclable product 100% 30% or more Contribute to a Low-Carbon Society Emissions from operations (Scope 1&2) Emissions from supply chain (Scope 3) per unit sales weight 10% less\* 30% less\* Compared to fiscal 2013

### Progress

We aim to overcome the challenges facing with the entire value chain by allowing companies from upstream to downstream to work together to comprehensively address relevant issues involving recycling methods and ways of reusing. In the NEDO-led program, we performed blow molding evaluation for a 50/50 weight percent blend of virgin and recycled polyethylene and succeeded in forming bottles from the mixed material. While the bottle satisfies the product standards for both compression strength and drop strength, there remain several issues that are characteristic of recycled plastic, such as foreign matter contamination.



Left: Prototype made of a 50/50 blend of virgin and recycled resin Right: Bottle using recycled material with white-color coating of virgin plastic

The NEDO-led program ended in July 2020, and since August 2020 we have taken on a new phase under the framework of a national project aimed at implementation in the society. Our R&D efforts continue on towards a society that recycles plastic packaging infinitely, like the Möbius loop, with all abilities of the cross-company team.

# Contribution to Environment Protection

## Solar Power System Introduced in Thailand

In October 2019, Toyo Seikan (Thailand) introduced a solar power generation system, the first for the Toyo Seikan Group in Thailand. The new system of 374 kW capacity with 1,134 solar panels installed on the roof is expected to generate 530 MWh of electricity per year, reducing carbon emissions by approximately 280 tons annually. We will continue to introduce renewable energy as a measure against global warming.





Top: View from the top Left: Solar panels and inverters

# **Respect for Employees**

### **Achieving Flexible Work Environment for** Work-Life Balance

Toyo Seikan Group Holdings started a pilot program of teleworking as part of its work style reform from fiscal 2018. In July 2019, the telework system was officially introduced for all its employees. The company has succeeded in improving productivity and implementing its business continuity plan by utilizing thin client PCs and a web conference system. In addition, employees have been able to use their time more efficiently in both work and private life. Since fiscal 2018, the company has also joined a government-led program TELEWORK DAYS, and in November 2019, it was selected as "Pioneer of Telework" by the Ministry of Internal Affairs and Communications.

Other group companies are also promoting the adoption of telework systems that are suited for their respective work conditions. Nippon Closures, for example, has opened satellite offices at Ishioka Plant and in Technical Development Center at Hiratsuka Plant so that employees who work for its head office can save commuting time and make efficient use of their time.

These steps implemented across the group in the ways suitable for individual group companies enabled us to smoothly transition into teleworking in response to the outbreak of the COVID-19 pandemic this year.

We will continue with our efforts to create a better work environment and become a company where diverse employees can grow and develop, aiming to increase our corporate value and achieve a continuous growth.





Satellite office in Nippon Closures' Technical

Development Center

# **CSR Management of Toyo Seikan Group**

### Toyo Seikan Group CSR Policy

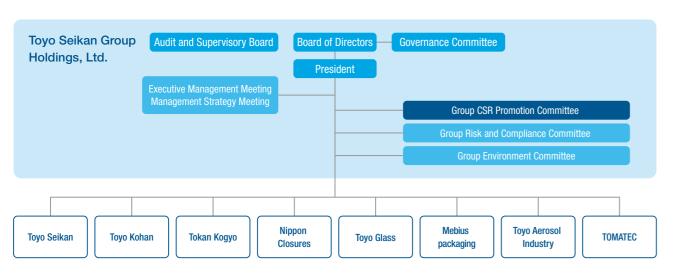
The Toyo Seikan Group defines CSR as "continuous contribution to the happiness and prosperity of mankind through fair and honest business activities." All employees of the Group understand its CSR commitment and work for all stakeholders.



### CSR Promotion Framework of Toyo Seikan Group

The Group has established the Group CSR Promotion Committee to promote its CSR management.

The committee, chaired by the President of Toyo Seikan Group Holdings, consists of officers of the company and presidents of key group companies.



### Materiality of Toyo Seikan Group

The Toyo Seikan Group has identified the "eight items of materiality" as its material issues to address with a high priority in order to contribute to the creation of a sustainable society. They are based on our Management Philosophy and serve as a basic guide for us to promote management that is fully integrated with CSR. Through addressing these issues, we also contribute to achieving the Sustainable Development Goals (SDGs), which were adopted by the United Nations in September 2015.

### **Process of Setting Materiality**



## Identification of social material issues

We identified what efforts are needed in the society, using reporting guidelines, such as GRI and SASB, and ESG assessment criteria, including DJSI and FTSE.



### Identification of the Group's material issues

We identified material issues for the Group and rated their importance through discussions among group companies' presidents and operating officers.



## Assessment of appropriateness

Drawing a matrix of social and the Group's material issues, the appropriateness of identified issues are reviewed by taking the opinions of external experts into consideration.



### Setting priorities

We selected most important items for both the society and the Group and set priorities on them.

### Materiality of Toyo Seikan Group

Category	Materiality	Goals	Contribution to SDGs
Continuous creation of new	Development of packaging containers and services in line with social needs	Develop and provide safe and useful products, systems and services to the society.	2 mm 12 moreous convention conven
products and services	Enhancement of quality assurance	Ensure quality and safety of our products, systems and services.	12 remedia consector
Eco-friendly	Contribution to environment protection	Contribute to the creation of a low-carbon, Zero-Waste Society that coexists with nature.	7 consists 4 COO 100 100 100 100 100 100 100 100 100 1
systems	More sustainable supply chain	Establish a system for sustainable raw material procurement.	13 (15) 14 (11) 15 (11
	Coexistence with communities	Promote community contribution activities with a careful understanding of social conditions, cultures and customs of countries where we operate.	2 mes
	Respect for human rights	Respect the fundamental human rights and never violate the human rights in every aspect of our business.	5 (HASE) 8 (CON VIEW NO.
Honest and		Develop and support individuals who continue to seek growth and challenges.	
responsible behavior	B	Create a corporate culture where we are able to take advantage of our diversity.	3 separation 5 times 8 constraints
	Respect for employees	Achieve a flexible work style that allows for a right balance between work and home life.	
		Maintain the workplace that is safe and healthy and comfortable for employees.	
	Ensuring thorough compliance	Ensure that our business activities are properly conducted.	16 meaning senior senio



# **Our Commitment to Global Environment**

We will strive to preserve and improve the global environment.

2019 **TOPICS** 

### Cleanup Efforts through Litter Picking App "PIRIKA" and Ocean Cleanup Campaign "Marine Waste Zero Week"

In recent years, attention has been drawn to a plastic-free life as a solution to the marine plastic pollution. As part of our efforts to address the issue, our group is focusing on cleanup activities. We use litter collection app "PIRIKA" to post articles about our activities on the web. In fiscal 2019, a total of 889 people across the Group joined the program and picked up 10,236 liters of waste. We will expand the activity to the entire group going

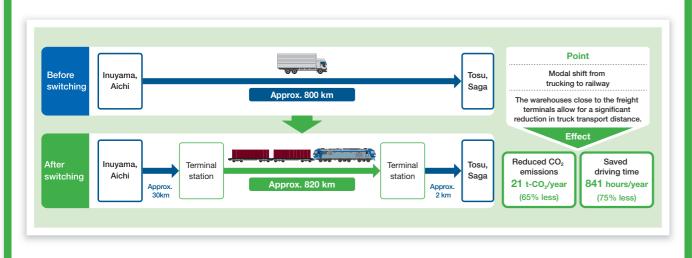
In response to the Ministry of the Environment's campaign "Marine Waste Zero Week" to reduce marine debris, Tokan Kogyo and its group companies have taken on an initiative to make their cleanup activities more socially conscious. Among them, Nippon Tokan Package has been actively involved in cooperative activities with local communities and business partners, in addition to litter picking up in the surrounding areas of its plants. In fiscal 2019, the company enhanced its activities in terms of both quality and quantity; a total of 545 people joined 78 events at 14 locations in Japan.



### Certified in Distribution Integration and Streamlining Planning by the Ministry of Land, Infrastructure, Transport and Tourism (MLIT)

Tokan Logitech and its four partners, including McDonald's Holdings Japan, have taken on an initiative to reduce the carbon emissions from packaging material transportation the Act on Advancement of Integration and Streamlining of work style reform for truck drivers. Distribution Business.

As all their transportation of paper cups and other materials from Inuyama City in Aichi to Tosu City in Saga had been performed by trucks, the plan aims to switch more than and the driving time of truck drivers. As of September 24, 90% of the transportation, in terms of distance, to railway. 2019, their plan was certified as "Integration and Streamlining" This is expected to reduce emissions by 65% per year and Plan" by the Kyushu District Transport Bureau of MLIT under to also shorten truck driving time by 75%, supporting the



### **Environmental Vision and Goals**

The Toyo Seikan Group established its environmental policy in 2002. Since then, we have been actively working on the protection and improvement of the global environment through our business activities.

In 2015, we fully revised our environmental vision and set new long-term goals towards 2050, and have taken the next step for the creation of a sustainable society.

### Toyo Seikan Group Environmental Vision

Combining our proprietary technologies and tapping into technologies across the world, we will contribute to achieving a sustainable society from three perspectives in the value chain of our products, services and systems.

**Three** Perspectives

Long-term

2050

Goals towards

Low-Carbon Society

Society Coexisting with Nature

We will reduce the use of new resources to the maximum extent and replace them with recycled or renewable materials.

products and services, to the creation of a society where humans and all other creatures on the planet can coexist permanently, with due consideration to product lifecycles in the processes of procurement, development, manufacturing, sales

### Group environmental management framework

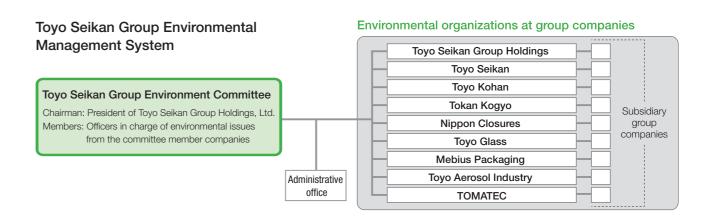
We aim to halve CO2

\*Compared to fiscal 2013

emissions by 2050

The Toyo Seikan Group has formed a Group Environment Committee (chaired by the President of Toyo Seikan Group Holdings, Ltd.), and has been promoting environmental management on a group-wide basis.

Deliberations and resolutions concerning group-wide environmental management initiatives are carried out at the biannual Environment Committee meetings. Progress is managed through administrative officeliaison meetings, which are held five times a year. Each Group company takes initiatives based on decisions by the Group Environment Committee to promote their environmental management activities.







### Our Commitment to Global Environment

### Achieving Mid-term Environmental Goals "Eco Action Plan 2030"



Eco Action Plan 2030, formulated in fiscal 2019, is a set of quantitative environmental targets for the Group to achieve by 2030, the target year of the SDGs, through activities to address the climate change, to promote resource recycling, and to conserve biodiversity, which is often discussed with the marine plastic litter problem. In addition to the environmental impact of our own business activities, we have been taking specific measures to reduce the environmental impacts across our entire supply chain.

### Addressing Global Warming

We will reduce carbon emissions from our business activities (Scope 1 emissions directly from fuel combustion and Scope 2 emissions indirectly from electricity consumption) as well as emissions from upstream and downstream of our supply chain (Scope 3 emissions). We have set our reduction targets focusing in particular on the emissions associated with procurement (purchased products and services) and disposal of products we sold, which account for a significant portion of the total emissions from the entire supply chain.

### Resource Recycling

We will switch materials we use especially from fossil-based to recycled and renewable materials, including plant-based plastics. In setting the numerical targets, high priority is placed on shifting from single-use products and services to circular ones by reducing the consumption of exhaustible resources as much as possible and by designing products so that they can be easily recycled.

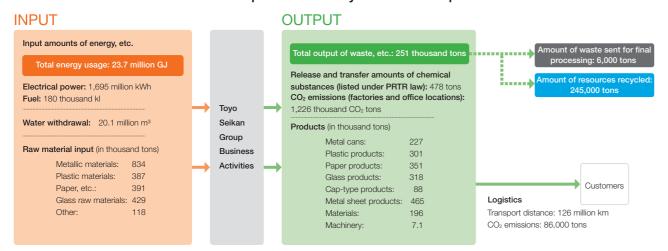
### Marine Plastic Pollution

As we provide a wide range of plastic products for the society, solutions to marine plastic litter cannot be found through a single company's effort. We will cooperate with all partners in our value chain to address this issue.

### **Environmental Impact of Business Activities**

We monitor the amounts of material input and output of the entire group to reduce the environmental impact of our business activities.

### FY2019 Material Flow of Domestic Operations of Toyo Seikan Group



### Targets for 2030 and Progress in FY2019

The table below shows the progress we made in fiscal 2019 based on the Eco Action Plan 2030.

Evaluation: ★★★ Achieved ★★ Nearly achieved ★ More effort			
Environmental Vision	FY2019 Results (Major efforts)	Evaluation	
Targets of Eco Action Plan 2030			
1) Reduce CO <sub>2</sub> emissions from business activities (Scope 1 & 2) by 30%  2) Reduce CO <sub>2</sub> emissions from the supply chain (Scope 3) by 15%	1) The Scope 1 and 2 emissions decreased 14.7% from the base year and 5.0% from the previous year. Domestic facilities particularly saw a steady progress in reducing energy consumption as a result of equipment replacement and various energy-saving efforts.  2) The emissions from supply chain (Scope 3) have declined 4.9%. Our resource recycling initiatives such as the reduction of product weight are yielding results.	***	
1) Reduce the use of exhaustible resources <sup>(1)</sup> by 30% 2) Reduce the use of fossil resources <sup>(2)</sup> for plastic products by 40% • 15% reduction by decreasing product weight and switching materials • Increasing the ratio of recycled and plant-based plastics by 30%  3) All packaging to be recyclable or reusable	1) The consumption of exhaustible resources has decreased 9.4%. This is partly due to a decline in production volume compared to the base year. We are working on reducing packaging weight and improving yield rates (lowering defective rates).  2) We seek to reduce the consumption of fossil resources by using recycled plastic from used bottles for new PET bottles and plant-based resin for other plastic containers.	**	
1) Reduce environmental risk and environmental pollutant 15% cut in the release and transfer amount of chemical substances under the Pollutant Release and Transfer Register Law (PRTR Law) by FY2022  (2) Promote biodiversity conservation 30% cut in water consumption by business activities	1) The release and transfer amount of chemicals subject to the PRTR Law has declined 9.1%. While the amount did not decrease as much as planned for recent years due to production process control reasons for several products, fiscal 2019 saw an annual 7.6% reduction with various improvement efforts, such as excluding toluene from printing ink.  2) Water withdrawal has increased 5%. While the use of water has decreased at domestic facilities, the expansion of overseas operations has pushed up the	**	
3) Promote communication with external parties     • Action to address marine plastic pollution (prevention of litter) and the disclosure of relevant information	total amount compared to the base year.  3) We have started plastic pellet management by formulating a group-wide guidelines to prevent plastic pellet from flowing out of our plants.  Meanwhile, we have participated in the Clean Ocean Material Alliance, which consists of a wide range of business operators across the supply chain.		

Base year: FY2013

Note:

1. An exhaustible resource is a natural resource that is not replenished by natural processes as fast as humans consume it.

2. Fossil resources include crude oil and natural gas.

\*The scope of activities in the Eco Action Plan includes non-consolidated subsidiaries and affiliates as well as consolidated subsidiaries, and therefore the emissions indicated here are different from the emissions shown in page 16, which are only from consolidated companies.



### Our Commitment to Global Environment

### Achieving a Low-Carbon Society

### CO<sub>2</sub> Emissions from Operations (Scope 1 & 2)

In fiscal 2019, total carbon emissions from the Group's facilities in Japan and abroad decreased 5% from the previous year to 1,475 thousand tons.

The emissions from the domestic facilities declined by 76 thousand tons from the year earlier as a result of replacement of air compressors, periodic repair of melting furnaces and other energy-saving activities, while those from overseas facilities decreased by 2 thousand tons year on year.

We continue to engage in cutting carbon footprint in fiscal 2020 through energy-saving efforts, including replacing equipment, streamlining production lines and improving production efficiency.

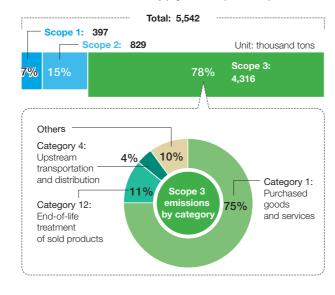
### Greenhouse Gas Emissions from Supply Chain (Scope 3)

The Toyo Seikan Group calculates the amount of GHG emissions from upstream and downstream of the supply chain (Scope 3) as well as its direct emissions from operations, including fuel combustion (Scope 1), and indirect emissions generated by electricity consumption (Scope 2). Under the Group's environmental vision Eco Action Plan 2030, we aim to reduce the Scope 3 emissions 15% by fiscal 2030 compared to fiscal 2013.

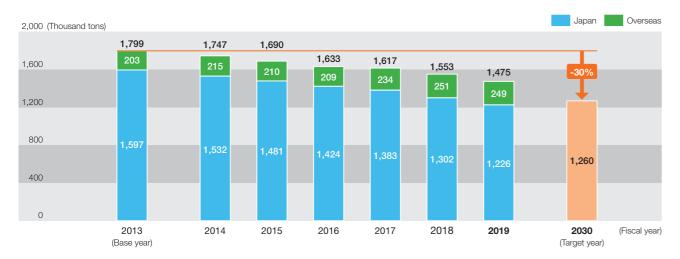
The Scope 3 emissions associated with our domestic operations accounted for around 80% of the total emissions from the supply chain for the entire group in fiscal 2019. Among the total Scope 3, the emissions

from purchased products (Category 1) accounted for approximately 75%, followed by disposal of sold products (Category 12) and transportation and distribution (Category 4). The results indicate that reducing emissions related to purchased products (e.g. material procurement) is increasingly important. We will continue with our efforts to reduce product weights and to use more recycled and plant-based materials.

### GHG Emissions from Supply Chain (FY2019)



### Changes in CO<sub>2</sub> Emissions from Business Activities



Note: Since the scope of data collection has limited to consolidated companies from fiscal 2019, the figures for the previous years are retrospectively adjusted

### Achieving a Zero-Waste Society

Our group companies produce packaging containers and materials by processing raw materials from exhaustible resources, such as metal and petroleum. Therefore, efficient use of resources through the reduction of material input and waste and the recycling of materials is a major mission for the Group. Under the Eco Action Plan 2030, we have taken on activities towards its target of a 30 percent cut in use of exhaustible resources to help achieve a zero-waste society. In addition to our ongoing efforts to reduce container weight, raising the ratio of recycled and plant-based materials used for our plastic products is particularly an important theme for our activities to address the marine plastic pollution. The group companies will continue to carry out their activities to achieve the targets of Eco Action Plan 2030, seeking solutions to social issues.

### Eco-Conscious Products

The Toyo Seikan Group has been working on developing, manufacturing and selling low environmental impact products, considering their entire lifecycle. We have certified several products of the Group as ecoconscious products based on our group-wide standards for evaluation in the stages of raw material procurement, production, transportation, consumption and disposal/ recycling. As of the end of March 2020, a total of 60 items have been certified as eco-conscious products, for which the details are provided on the website of Toyo Seikan Group Holdings (only in Japanese).

Going forward, our efforts to increase the number of certified eco-conscious products will contribute to achieving the targets of Eco Action Plan 2030. Not only

to existing products, we will also adopt the certification scheme to products to be developed in the future, through cooperation with development and sales divisions, so that our products will be widely accepted in the market.

### Achieving a Society Coexisting with Nature

### Risk Management of Production Facilities

Flowing dangerous substances and waste fluid out of plants deteriorates the surrounding environment and has a long-lasting impact on it. As individual group companies have implemented risk management with their environment management systems, we now aim to further enhance our risk management framework. We specify high-risk equipment among the facilities that could cause leakage accidents due to aging and deterioration and other factors. The management of piping and storage tanks are given special attention since a leakage from such equipment would have a material impact.

### Addressing Marine Plastic Pollution

Engagement through the Clean Ocean Material Alliance

In January 2019, the Clean Ocean Material Alliance (CLOMA) was established with a wide range of business operators participating to address the problem of marine plastic litter, an emerging global challenge. CLOMA aims to promote the "3Rs" initiative for a sustainable use of plastic products and the development and introduction of alternative materials as well as to accelerate innovation through a public-private collaboration. Toyo Seikan Group

Holdings has joined the alliance as a managing partner since its preparation phase and has been working as a key member of its subcommittee to promote information sharing and partnerships with relevant parties from across industries.

Strong Commitment to Plastic Pellet Loss Prevention

Plastic pellets with a size of several millimeters, which are used to make plastic products, could become marine plastic litter if they escape from the plant site. We have been implementing measures to prevent the particles dropped on the ground from flowing out of plants, including placing metal net on the storm drain. In order to ensure appropriate pellet management aimed at zero pellet loss, we have recently formulated the Group's Guidelines for Preventing Plastic Pellet Loss. The relevant group companies have just begun the implementation of the guidelines, including identifying potential leakage points and taking

preventive measures, daily management processes, and auditing, under their respective environment management systems.

Pellet-collecting screen set on a

16





# **Quality Assurance System**

The Toyo Seikan Group endeavors to develop and provide products, systems and services that cater to the needs of its customers and wider society, through the effective utilization of experience, technologies and know-how accumulated over many years in the industry.

**2019** TOPICS

Special Achievement Award of Kudamatsu City Industrial Technology Promotion Award Program, Following the Last Year's Award from Yamaguchi Prefecture

In November 2019, the Kudamatsu Plant of Toyo Kohan received the Special Achievement Award from Kudamatsu City in Yamaguchi as part of the city's industrial technology promotion award program for advanced technology development and new technology research.

The award was given to the achievement in developing gene testing kits with DNA chips, on which the company has continued its research. This follows the last year's Yamaguchi Prefecture Industrial Technology Special Award given by the prefecture.

Anticancer drugs currently used to treat cancer may have serious side effects depending on genotypes of patients. The Toyo Kohan's gene testing kit enables to determine individual patients' suitability for anticancer agents by analyzing their genotype in advance. The company will continue research on reducing the side effects of anticancer drugs to contribute to treatments that mitigate the burden on patients.



Ceremony of Industrial Technology Promotion Award of Kudamatsu City



Joint Research with Yamaguchi University won the Yamaguchi Prefecture Industrial Technology Special Award in 2018

### **Award-Winning Product**

The gene testing kits and specialized equipment (medical devices) are on the market. They help determine treatment for blood cancer and have contributed to many patients.



Gene testina kit



Specialized device

### **Quality Assurance System**

We are engaged in quality assurance activities across the group companies according to our quality assurance principles, which focus on i) providing customers and the society with products, systems and services that are safe and reliable, and ii) implementing social activities necessary for a corporate group that deserves the trust of customers and the society. In April 2019, Toyo Seikan Group Holdings established the Quality Administration Department to further reduce quality risk for the entire group. With our motto "High Quality, Reasonable Prices and Swift Delivery," which we have been following since the founding of the Group, we continue with our efforts to earn customer trust by maintaining and improving quality levels that meet requirements of the times throughout our operational processes, including development, procurement, manufacturing, sales and service provision.

### Construction of Management System

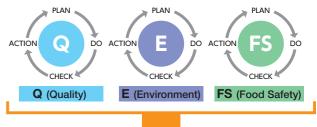
Each operating company in the Group has constructed a quality management system for maintaining and improving the quality of products and services in accordance with the ISO9001 standards. Among them, companies manufacturing and selling food containers have also built food safety management systems based on the FSSC22000 standards, in order to provide safer products and to increase reliability in the food chain. Toyo Seikan, Toyo Glass and Mebius Packaging, in particular, have established a TMS (Total Management System), which integrates the three systems of quality management, food safety management and environmental management (ISO14001 standards-based). The system integration allows the companies to reduce overlaps in operations and expand their focus from sub-optimization to total optimization. Using the dynamic system that links their management systems closely with actual business activities, they have been promoting manufacturing that provides customers with reliability.

### **Technology Development Initiatives**

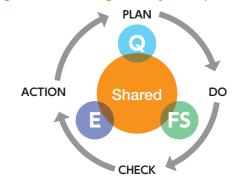
To increase trust and satisfaction of customers, we are engaged in research and development efforts to develop products, technologies, systems and services with high added-value to fulfill the diversifying needs in the packaging and container market. We are also working to create new markets and new businesses by utilizing both newly developed technologies and existing technologies accumulated over many years.



### Individual operation of management systems



### Integrated total management system operation (TMS)



### Technology Development Framework

Our technology development activities are conducted with cooperation between technical development departments across the Group, including Corporate R&D, the basic research and development unit of Toyo Seikan Group Holdings, Technical Center of Toyo Seikan, R&D Center of Toyo Kohan, Technology Development Division of Tokan Kogyo, Technical Development Center of Nippon Closures, Development Division of Toyo Glass, and Research & Development Department of Mebius Packaging.

SOCIETY



# **Human Rights**

We conduct business activities that respect the human rights of all the stakeholders in accordance with Toyo Seikan Group Human Rights Policy.

2019 Human Rights Due Diligence Workshop Report https://www.tskg-hd.com/en/csr/social/human\_rights/

### e-Learning on Human Rights

To improve understanding of human rights issues, all employees in the Group are provided with opportunities to learn about the Group's Guidelines of Behavior, which prohibit any discrimination, harassment or abuse.

In fiscal 2019, we conducted an e-learning program on business and human rights for all officers and applicable

2,412 employees of the group companies stated below, using an online material that was jointly developed by the Asia-Pacific Human Rights Information Center "Hurights Osaka" and Amnesty International Japan. (The completion rate of the program was 99.3 percent.)



### **CSR Seminar**

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In November 2019, we conducted a CSR seminar entitled "Business and human rights—major challenges Japanese companies will face in the years ahead," inviting Mr. Sakon Kuramoto, a lawyer admitted to practice in Japan and New York State and working at Orrick's Tokyo Office, as a lecturer. As respect for human rights is one of the eight items of the Group's Materiality, we advocate that we will respect fundamental human rights and never violate them in any situation.

Aiming to raise awareness of human rights in our business activities, Mr. Kuramoto discussed the future issues facing Japanese corporations from the perspective of harmony between business and human rights, and how to deal with those issues, with specific examples in Japan and abroad.

The seminar was joined by 176 people across the Group, including presidents of group companies, providing a good opportunity for them to deepen their understanding of human rights-related knowledge and issues.



### Participating in Stakeholder Engagement Program

The Group joined the 2019 Human Rights Due Diligence Workshop (Stakeholder Engagement Program) conducted by non-profit organization Caux Round Table Japan. With participants from corporations and non-governmental and non-profit organizations and experts on human rights, a broad range of human rights problems are discussed in the workshop.

We also reviewed the sector-specific human rights issues using the Human Rights Guidance Tool developed by United Nations Environment Programme Finance Initiative (UNEP FI), deepening our understanding of those issues. We will continue to engage in human rights-related activities with the knowledge we have gained in the program.

The report on the workshop is available on the CSR section of our website.



©2019 Caux Bound Table Japan



# Together with Our Employees

We will create a safe, hygiene and vibrant workplace.

Full text of the Toyo Seikan Group Health Management Declaration is shown on the Group's website. https://www.tskg-hd.com/en/csr/soc\_staff.html

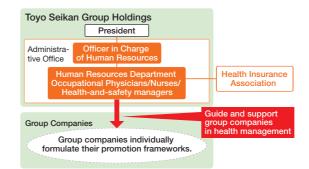
### Health and Productivity Management

We understand that employees' health is one of our management issues. In September 2017 we released the Toyo Seikan Group Health Management Declaration for maintaining and enhancing the health of employees.

# 2020 Outstanding Enterprise in Health and Productivity Management

In March 2020, five of the group companies (Toyo Seikan Group Holdings, Toyo Seikan, Toyo Kohan, Tokan Kogyo and Toyo Glass) were certified as 2020 Outstanding Enterprises in Health and Productivity Management in the large enterprise category of the certification program managed by the Nippon Kenko Kaigi and the Ministry of Economy, Trade and Industry. Among the five, Toyo Seikan Group Holdings and Toyo Seikan were also recognized as White 500, a certification given to the top 500 enterprises. Meanwhile, Nippon National Seikan and Ryukyu Seikan Kaisha were certified in the small and midsized business category.

### The Group's Health Management Promotion Framework



In order to implement the Group's Health Management Declaration, we have established a framework to promote health management. Meanwhile, the Group Health Management Promotion Meeting, consisting of health-and-safety managers and the occupational health staff, is engaged in various activities from the respective viewpoints of management and employees. In July 2019, the meeting invited an external lecturer to a seminar, in which attendees learned the background of health management and the key points in its implementation. The seminar was attended also by a number of management members and high-level managers across group companies, enhancing top management commitment necessary for driving health management.



### Group-Wide Quit Smoking Program

In September 2017, as part of our initiatives to maintain and enhance employees' health, we launched a campaign to "achieve a complete smoke-free workplace during work hours for all domestic facilities by April 2020." At the head office building in Osaki, a quit-smoking project has been implemented in several stages. Smoking has been completely prohibited during work hours in all areas of the building since October 2018.

### Purposes of encouraging quit-smoking

- Prevent health damage from secondhand smoke
- Top priority on employee health

### Steps taken at the head office building

Oct. 2017 Set smoking hours

Apr. 2018 Reduce smoking areas

Set non-smoking day (once a month)

Oct. 2018 No-smoking during work hours in all areas

The mascot of the Toyo Seikan Group's quit-smoking support campaign

### Quit-smoking support

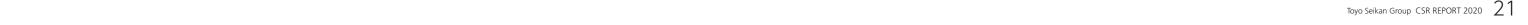
Group companies and several health insurance associations in the Group have taken measures to help employees quit smoking, including financial aid to use smoking cessation outpatient services, drugs to help stop smoking, and incentives for those who achieved quitting. These measures encourage smokers to increase their willingness to face the challenge.

### Health Maintenance Event

In November 2019, Toyo Seikan Group Holdings hosted a lunch meeting for women to help advance their health, with participants from across group companies. While enjoying lunch, they listened to a lecture by Health Support Office on "life stages and health of working women" and exchanged information about womenspecific health issues and company support schemes. They also learned the importance of obtaining accurate knowledge, preventive measures against diseases and preemptive action with early detection of illness.









### **Together with Our Employees**

### More Diversified Human Resources and Work Style Reform

In order for the Toyo Seikan Group to enhance its competitiveness and continue to grow over the long term, each employee needs to make full use of their own abilities for their individual growth and for contributing to the Group's development. To this end, it is essential to create a culture in which every one of us is able to accept both visible diversity, including in gender, nationality and disability, and invisible diversity, including in perspective.

We will pursue diversity management to create such culture, implementing measures to empower women and to promote flexibility in work style that can respond to various circumstances, including working while caring for children and elderly family members and working with disability.

### Our Perspective on Diversity Management



### Employee Survey

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In 2019, following 2016, the Group conducted a survey of 10,594 employees from seven group companies (including full-time and part-time employees, fixed-term contract workers and temps), asking what understanding and value they have, in order to create a vibrant work environment that respects human rights and allows workers to feel fulfillment in their work and lives. (Among the surveyed employees, 9,141 people, or 86%, responded.)

There were requests from full-time employees regarding personnel shortage and human resource allocation, personnel scheme amendment, and better salary rewarding. They also made proposals for more active human resource development and on review of our operations. Fixed-term contract and part-time workers and temps presented their requests for better working conditions and treatment, more intimate communication in the workplace, including greetings, and appropriate instructions during work.

We will continue to conduct the survey every three years to monitor changes in employees' attitudes and needs, using the results for improving our personnel and working systems.

### Encourage More Active Participation of Women

We are implementing the General Employers Action Plan we have formulated under the Act on the Promotion of Female Participation and Career Advancement in the Workplace and the Act on Advancement of Measures to Support Raising Next-Generation Children.

### Issues in the plan

- 1) Traditional gender role attitudes still remain.
- Women who return from parental leave are faced with challenges in assignment, demonstration of ability, and career development.
- 3) The ratio of women in managerial positions is low.
- There is a lack of frameworks and culture that allow employees with diverse characteristics to demonstrate their abilities.

To solve these challenges, in fiscal 2016 we set a target of a minimum of 30% women in new recruits for administrative and technical jobs. We have achieved this target, and since fiscal 2018, we have been pursuing a higher target of a minimum of 30% women in "all new recruits including production line staff" for a broader participation of women in the workplace. By introducing Al technologies, automation and labor-assistance equipment to production facilities, we are seeking to create a workplace comfortable for female workers, which is also comfortable for everyone, resulting in a highly productive work environment.

# Current situation with regard to female employment rates (for new graduate and mid-career hires)

	FY2017	FY2018	FY2019
Overall	17.9%	16.9%	24.4%
Administrative depts	42.4%	42.4%	51.3%
Technical depts	20.5%	22.6%	22.0%
Administrative + technical depts	30.3%	32.2%	36.3%
Production line staff	12.1%	9.7%	19.4%

\* The fiscal year is from April 1 to March 31 of the following year.

### Employee numbers (as of April 1 of each year)

	FY2017	FY2018	FY2019
Number of employees	7,718	7,856	8,004
Proportion of female employees (overall)	12.8%	13.2%	13.5%
Proportion of female employees in management roles (section manager and above)	2.9%	2.7%	3.1%

The scope of data includes Toyo Seikan, Toyo Kohan, Tokan Kogyo, Nippon Closures, Toyo Glass, Mebius Packaging and Toyo Seikan Group Holdings.

### Introducing a system to support various work styles

Group companies are increasingly introducing a telework system and a flextime system. Toyo Glass has also introduced hourly paid leave, aiming to create a comfortable work environment so that each of the employees can fully demonstrate their abilities.

\* The details of our engagement in the workplace, including the telework system, are shown in the Materiality section on page 9.

### Eijyo College - Empowering Women in Sales

Tokan Kogyo won the Special Judges' Award in the "New Generation Eijyo College 2019" program.

The Eijyo College is a cross-industry platform that aims for active participation of women in the sales force. Participants experience a six-month cross-company exchange program and in-house experimental projects, and finally offer suggestions for problem solutions.

The team of Tokan Kogyo conducted two experimental projects, including the PASSER system for specialization



in sales activities, successfully increasing labor productivity and customer satisfaction. The members' activity involving the entire company was highly evaluated.

### First Female Shift Workers in Production Line

Toyo Kohan has started hiring women as shift workers in production divisions from fiscal 2019. The company aims to create a better work environment for women also in the production line to promote diversity management.

The first four women for shift working and two senior female employees had a meeting to discuss the work-place conditions, their expectations, and future goals.



The senior employees gave the new colleagues warm advice and encouragement. Please look forward to further advancement of women in the company.

### Seminar for Balancing Work and Elderly Care

In August 2019, we held a seminar for balancing work and elderly care at the head office building, inviting an external lecturer. Approximately 80 people attended the venue, with many managers and employees listening to the lecture through a video conference system from their respective sites. They learned important points such as mental preparation for working while caring for family members and information on necessary services. We also prepared the "Book for Working While Caring" to distribute

to those who wish to have one, and posted its content on our intranet. We continue to work on retaining employees who have to care for family members, aiming to create a work environment where everyone can balance work and care.





Work Style Reform at Nippon Closures

To raise employees' awareness of work style reform, Nippon Closures has launched the initiative "Smart & Challenge," which encourages individual employees to work in their own efficient way (Smart) to seek to create a new value (Challenge). The company is improving both hardware and software infrastructure and implementing various measures at each facility.

Facility	Major activities	
Ishioka Plant	Operational standardization using iPad	
Hiratsuka Plant	Introduction of wearable devices	
Technical Development Center of Ishioka Plant	Introduction of satellite offices available for all employees	
All company	Introduction of flextime working without core hours to administrative divisions of plants	

# The New Declaration for Building a Vibrant Workplace / Certification under "Youth Yell" Scheme

In June 2019, Tokan Takayama registered for the work style reform promoting project of the Labor Bureau of Gifu Prefecture: New Declaration for Building a Vibrant Workplace. Under this project, the labor and management representatives of a participating company jointly declare that they will aim to create a workplace where everyone can work in good health and with energy. In February 2020, Tokan Takayama also obtained "Youth Yell Certification" of the Ministry of Health, Labour and Welfare, which allows the company to objectively demonstrate its commitment to employing and fostering young people. It will continue to improve its work environment and promote information disclosure, aiming to be an attractive company loved by people in the community.





<sup>\*</sup> The figures for fiscal 2019 are based on new graduates only since the number of mid-career recruits for the year is not available at the point of preparing this report.



### **Together with Our Employees**

### Human Resource Development

### Coordinated Human Resource Development across the Group

We have been engaged in human resource development in a group-wide effort. The collective educational programs commonly provided for group members include Logical Thinking Training Program for younger generations, Managers Training Programs for newly assigned general managers, managers and assistant managers, and Technical Leaders Program (TLP) for younger technical leaders selected based on the perspective of Management of Technology (MOT). Through these cross-company programs, we have been cultivating the sense of unity across group members and establishing a group-wide human network.

To assist employees in their self-development activities, a financial support system has been established to reimburse those who completed a correspondence course for the full amount of the course fee; in fiscal 2019, there were a total of 3,149 applications across the group. The Group also offers a financial aid program to pay the full amount of TOEIC test fee to promote language skill enhancement efforts.

### Group-wide internal training programs (FY2019)

Category Program		Study period	Participants	
	Next-Gen. Management Training (8th)	8 months (13 days of sessions)	15	
Programs for selected candidates	TSGBC (8th)	13 months (3 months for schooling, 18 days of sessions)	18	
	TLP (12th)	8 months (14 days of sessions)	27	Total number
	Training for new general managers (4-part)		25	of participants
Programs for	Training for new managers (5-part)	O pickto and O days	79	
specific positions	Training for new assistant managers (8-part)	2 nights and 3 days	104	
	Logical Thinking Training (4-part)		87	



Coope of discussion at TI



Naotoshi Tokunaga Quality Assurance Department Electronics Materials Plant KOHAN KOGYO CO., LTD.

roles in various fields.

for human resource development.

Closures, Toyo Glass and Mebius Packaging.

In the Technical Leaders Program, I learned about processes to make proposals for new products to the market, focusing on our group's technologies as well as on social needs.

TLP was a more active, participatory program compared to ordinary educational programs, as we visited other companies to exchange ideas. Looking at the outside of the company allowed me to realize how narrow-minded I was. I gained valuable experience and was able to find clues that would help me grow.

Meanwhile, in order to foster our next-generation

leaders, we have been implementing core personnel

management for general managers and managers of

key group companies, focusing on "finding, training and

allocating" human resources. Selected candidates attend

the Next-Generation Management Training Program

designed for general managers or the Tovo Seikan Group

Business College (TSGBC) designed for managers.

Through the training, the participants seek to gain

"knowledge" on management and establish the "core"

as a leader, engaging in drawing up business plans and

proposals to management. After completing the courses,

they are provided with opportunities to take significant

We will adopt a group-wide process\* for periodic

recruitment of new college graduates from fiscal 2021.

Enhancing cooperation among group companies in

fostering talent, we are actively engaged in establishing

our human resource base through various opportunities

\* The group-wide recruitment scheme covers seven group companies: Toyo Seikan Group Holdings, Toyo Seikan, Toyo Kohan, Tokan Kogyo, Nippon

Our team faced so many challenges until the final report—every idea we submitted was rejected during the review process. But because of this, we built a strong relationship which could not be achieved in ordinary training programs. Looking ahead, I will perform my daily duties while pursuing a long-term goal to create a new value together with my teammates in TLP.

### Health and Safety Activities

We are working to create a workplace where all employees can work safely, healthily and with peaceful mind.

# Head Office Building Installs More AEDs and Conducts AED Drills

In October 2019, ten additional AEDs (automated external defibrillators) were installed in the Group's head office building, which now has a total of eleven AEDs. According to the Japan Foundation for Emergency Medicine's recommendation to install an AED at a place that enables the device to be used within five minutes after cardiac arrest is recognized, we have arranged the devices so that they can be easily found on every floor and used in three minutes after the occurrence. The information on the installation was immediately disseminated via intranet to employees, while group companies jointly conducted AED drills, in which 57 people from 13 companies participated. They learned basic knowledge of AED, cardiopulmonary resuscitation, and how to use the device through lectures and practice.





### Labor Bureau Director-General's Award at Okinawa Industrial Safety and Health Conference 2019

Ryukyu Seikan Kaisha won the Okinawa Labor Bureau Director-General's Excellence Award (business and organization category) for its safety activities in fiscal 2019, recommended by the Labor Standards Inspection Office in Nago, Okinawa.

The company has been engaged in various safety activities, placing the top priority on protecting employees' safety. In the production division, they have actively carried out research on accidents with injuries at its group companies and case studies of near-miss incidents



to examine and verify the safety of people and products. As part of its work style reform, the company has registered for the prefecture's Hiyamikachi

Health Management Declaration and is working on mental and physical health checks and quit-smoking support for employees.

With each of the employees more deeply understanding the evaluated points for the award, they will continue with their united efforts to achieve zero accident in the workplace.

## Frequency and severity of occupational accidents at major group companies

group companies				
Company	Fiscal year	Frequency rate	Severity rate	
	2019	0.00	0.00	
Toyo Kohan*	2018	0.00	0.00	
	2017	0.48	0.00	
	2019	0.00	0.00	
Tokan Kogyo	2018	0.90	0.01	
	2017	0.92	0.02	
Nippon Closures	2019	1.07	0.03	
	2019	0.00	0.00	
Toyo Glass*	2018	1.12	0.05	
	2017	0.00	0.00	
Mahiya Daakasins	2019	0.94	0.04	
Mebius Packaging	2018	0.00	0.00	
	2019	0.04	0.01	
Toyo Aerosol Industry	2018	0.10	0.03	
	2017	0.11	0.02	
	2019	0.00	0.00	
TOMATEC*	2018	1.75	0.00	
	2017	0.00	0.00	

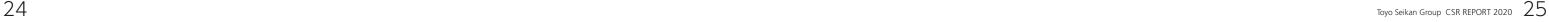
<sup>\*</sup> The data for Toyo Kohan, Toyo Glass and TOMATEC are on a calendar year basis since their fiscal-year based figures are currently not available, as we present the statistics for the first time in this report. The data collection may be changed to a fiscal year basis in the future report.

### Heat Stroke Prevention Program

In May and June every year, Toyo Glass invites an external lecturer to conduct an educational program for heat stroke prevention and treatment. The program provides an opportunity for participants to be reminded of the danger of heat stroke as they learn the mechanism and symptoms



of dehydration and the necessary steps to prevent and treat heat stroke.





# **Social Contribution Activities**

We will promote participation in community activities to coexist in harmony with local communities.

### **Blood Donation Campaign**

As part of our voluntary activities, we have been engaged in blood donation campaigns at individual facilities. Being recognized for years of continuous effort, Chiba Plant of Toyo Glass received the Golden Merit Award of Japanese Red Cross Society on November 24, 2019, and Kawagoe Plant of Toyo Aerosol Industry was given the 10th Anniversary Letter of Appreciation by the organization on July 30, 2019. We have also conducted a periodic blood donation campaign at our facilities in Thailand under cooperation with Thai Red Cross Society. We will continue our active contribution in Japan and abroad.





Blood donation in Thailand

### Internship Program

Group companies provide internship opportunities for students to deepen understanding of society and work through practical experience. In fiscal 2019, Komaki Plant of TOMATEC accepted three students from neighboring high schools and conducted two days of practical training for products such as frit and gel coat. We hope that young people will find out the significance of working through this kind of experience, increase their motivation to work, and play an active role as a future leader in local communities. Toyo Seikan is also engaged in internship programs



Internship at TOMATEC

actively outside Japan; in fiscal 2019, two of its group companies in Thailand accepted 17 interns, one in Myanmar accepted 10 interns, and one in China took on 9 interns.

### Joining TABLE FOR TWO

Since February 2018, the Group's head office building has participated in the TABLE FOR TWO initiative. Buying a specific healthy meal at the canteen automatically makes a donation of 20 yen to school lunch programs in developing countries. In fiscal 2019, we donated 93,030 yen,



bringing the cumulative amount of donation to 210,480 yen. We are also sending information on this initiative to employees using display panels.

TABLE FOR TWO menu

### Social Contribution Activities Outside Japan

Among overseas bases of Toyo Seikan, four companies in Thailand (Bangkok Can Manufacturing, Next Can Innovation, Kanagata (Thailand) and Global Eco-can Stock (Thailand)) were involved in cleanup and planting activities and donated lunches, stationaries, sports equipment and other necessities to children, and Yangon Can Manufacturing in Myanmar donated lumber for constructing a new temple building. Meanwhile, Toyo Filling International in Thailand joined a school renovation project and planting at a power plant in the WHA Eastern Seaboard Industrial Estate. We will continue our social contribution activities closely linked to local communities.







Renovation and painting work at Ban Khao Planting at WHA industrial estate Wang Man School in Thailand



Upper right / lower right:

### Fill and Provide Ethanol Sanitizer for Local Medical Facilities

In response to a shortage of ethanol for disinfection in Japan amid the COVID-19 pandemic, the Group cooperated with the government of Kanagawa prefecture to fill aluminum bottles with diluted high-concentration alcohol and supply them as sanitizer refills to hospitals and clinics in the prefecture.

Under the special approval of the Ministry of Health, Labour and Welfare and the guidance of the relevant government offices, we converted a research line to a temporary filling line to dilute high-concentration alcohol procured by the Kanagawa government to 65 to 67 degrees, and packed it into 400 ml aluminum bottles. The metal bottles were substitutes for plastic containers for refill products, which were scarce under excess demand.

On April 30, 2020, Mr. Kuroiwa, Governor of Kanagawa prefecture, stated his appreciation at press conference,

saying "I would like to express my gratitude to the Toyo Seikan Group's spirit, which embodies its members' willingness to face challenges together."



Research line Can: Toyo Seikan Cap: Nippon Closures Carton: Nippon Tokan Package



### Construction of Flood Barrier Wall

Toyo Seikan's Hiroshima Plant was damaged by the flood of the Numata River when the torrential rain occurred in July 2018. Learning from this disaster, we have taken measures to prevent the plant site from flooding caused by heavy rains. In October 2019, after a prayer ceremony for the safety of construction work, the project to install barrier walls began at the site and was completed in June 2020. The plant is now prepared to work as a temporary shelter for residents in the surrounding areas in an emergency. We will build a network of mutual cooperation during normal times while enhancing our education and training frameworks to raise awareness of disaster prevention.





### **Next-Generation Fostering Support**

Toyo Kohan makes donation every year to the Kudamatsu City, where its Kudamatsu Plant operates, for next-generation fostering activities. In November 2019, sponsored by the donation, a small ensemble performance by classical music duo SUGITETSU was held in the city, inviting around 1,600 students in the fourth to sixth grades from local schools. There was performance of classical masterpieces with exquisite arrangement, as well as a composer name quiz, which made children enjoy the concert. Being recognized for its support activities for years, the company received the Education Merit Award



from the city and the Challenge Yamaguchi! Community Contribution Award from Yamaguchi prefecture.

### Agreement on Disaster Relief Supplies with Sakura City in Tochigi

On July 26, 2019, Tochigi Plant of Nippon Tokan Package signed an agreement on providing corrugated board beds used at shelters in the event of natural disasters, such as earthquake and flooding, with the city of Sakura in Tochigi prefecture.

The direct agreement with a cardboard manufacturer operating in the city is expected to allow for prompt supply of cardboard beds to people in need. The agreement also assumes that, in the event that the Tochiqi Plant is damaged by a disaster, other plants in Kanto area will produce and



provide the same products. We will do our best in an emergency based on the experience we had in previous natural disasters.

### Cooperate with Komaki City in Social Welfare Service "Security Capsule'

Agreeing with the aim of the "Security Capsule" project, which the Social Welfare Council of Komaki City, Aichi, launches in cooperation with the city government, Tokan Kogyo's Komaki Plant donated 2,000 sets of PET cup and dome-shaped lid used for the Security Capsules. The capsule is to contain emergency contact information and home doctor details of an individual who would need help at a time of disaster and be stored in the refrigerator at home, expecting quick response in emergency transport





and other rescue operations.

### Aid for Disaster-Hit Areas

The Group is engaged in support activities to aid relief and recovery efforts in areas struck by severe natural disasters. In fiscal 2019, we made a donation of 10 million yen through the Japanese Red Cross Society to relief efforts for the victims of Typhoon Hagibis (Typhoon No. 19 in 2019).

### Major disaster relief donations

Wajor disaster relief donations				
Year	Disaster Amount donated		Recipient	
2019	Typhoon Hagibis (No. 19 in 2019)	10 million yen	Japanese Red Cross Society	
2018	The July 2018 Western Japan Torrential Rain	10 million yen	Japanese Red Cross Society	
2016	The 2016 Kumamoto Earthquake	10 million yen  Donation of containers  •700 thousand paper cups for beverage  •350 thousand paper bowls for food •12 thousand emergency toilet bags	Japanese Red Cross Society 13 municipalities with more than 1,000 evacuees that asked for paper containers	



# **Corporate Governance**

We strive to enhance our corporate governance to conduct business fairly and honestly.



# Our Perspective on Corporate Governance

We believe that the enhancement of corporate governance under the Group's management philosophy, including its management policy, creed, and vision, is one of the most important management issues in improving our corporate value and continuing development and evolution while contributing to the society through our business activities. Based on this point of view, Toyo Seikan Group Holdings (the "Company") has formulated the "Basic Corporate Governance Policy" to continuously address this issue.

Based on Japan's Corporate Governance Code, which came into effect on June 1, 2015, we will strive to further enhance our corporate governance to achieve sustainable growth and increase corporate value.

# Structures of Outside Directors and Auditors

The Company's Board of Directors (the "Board") is composed of eleven Directors, of whom five are independent outside Directors, representing more than one-third of the Board. The Board generally meets once a month and holds extraordinary meetings as necessary to make important decisions on management matters. There were 13 board meetings in fiscal 2019 (ended March 2020). The term of office for Directors is set at one year in order to clarify Directors' management responsibility and to flexibly establish a management framework that can promptly respond to changes in business environment. The Audit and Supervisory Board is composed of five auditors, of whom three are independent outside auditors. The Audit and Supervisory Board generally meets once a month and holds extraordinary meetings as needed. There were 14 meetings of the Audit and Supervisory Board in fiscal 2019.

The outside Directors, together with outside Audit and Supervisory Board Members, hold the outside directors' meeting on a monthly basis in principle, where they have straightforward discussions to enhance transparency and objectivity in management. They are also actively engaged in other duties, including on-site inspections of domestic and overseas group companies.

In addition to active discussions at the Board meetings, these outside Directors and outside Audit and Supervisory Board Members conduct monitoring on management with an objective view of an outsider, which allows the Company to ensure that surveillance function regarding its management structure works effectively.

### **Executive Structure**

The Company has introduced an operating officer system to ensure management efficiency and flexibility as well as to distinguish and clarify responsibilities for decision-making/supervision and business execution. It conducts on a monthly basis the Management Strategy Meeting, which consists of full-time Directors, Heads in charge of key organizational functions, Executive Officers, and the Head of Corporate R&D. The Company also holds twice a month in principle the Executive Management Meeting, which is attended by full-time Directors, Heads in charge of key organizational functions, the Head of Corporate R&D, and Presidents of major group companies.

The Company provides its directors and officers with training opportunities as needed to support them in acquiring and continuously updating necessary knowledge for appropriate performance of their duties.

The Company has also established the Governance Committee, a voluntarily established consultative body consisting of the representative director and the five independent outside directors. The committee is designed for more objective, transparent and timely decision-making of the Board of Directors regarding such issues as the appointment of representative directors and director and auditor candidates and the remuneration of directors and officers.

# Structure of Internal Control System Operation

The Company and other group companies operate their internal control systems. The Company has set up the Internal Audit Office, which operates directly under the President, to ensure corporate activities compliant with laws and regulations and improve the efficiency of management. The status of development and operation of the systems and law compliance is checked through periodic internal audits conducted by the Internal Audit Office, and if necessary, improvement measures will be taken based on the audit results.

# Compliance

We value dignity, and are engaged in daily efforts to ensure fairness and equality in all aspects of our business activities in order to meet the expectations of society.

### Main Activities in FY2019

### Enhancement of Antimonopoly Act Compliance Framework

We have taken steps to establish a group-wide framework to comply with the Antimonopoly Act.

# Declaration of Complete Separation from Cartel Involvement

The boards of directors of Toyo Seikan Group Holdings and Toyo Seikan adopted the "Declaration of Complete Separation from Cartel Involvement" to ensure compliance with the Antimonopoly Act.

### **Declaration of Complete Separation from Cartel Involvement**

The Toyo Seikan Group (the "Group") shall conduct transactions through free and fair competition that complies with the Antimonopoly Act (the "Act") and shall not engage in any activity that violates the Act or that leads to a suspected violation of the Act with any business operator that competes with companies in the Group.

# Internal Regulations to Comply with the Antimonopoly Act

As of April 30, 2020, Toyo Seikan Group Holdings established new regulations to comply with the Antimonopoly Act in order to ensure its fair business activities based on a free competition and to strongly urge the group companies to comply with the Act.

# **Educational Program for Newly Assigned Assistant Managers**

The Legal Department conducted four sessions of a collective educational program for newly assigned assistant managers at three locations: Tokyo, Kudamatsu and Osaka, with a total of 123 people attending the program. They learned how to create documents that never lead to a suspected violation of the Antimonopoly Act and



how to effectively use the Group's internal reporting system.

This program will be conducted on a continual basis going forward.

### Other Activities

- E-learning course on Antimonopoly Act (Cartel Prevention) conducted with 1,607 attendees from sales departments across domestic major group companies
- E-learning course on competition laws provided for employees at 34 overseas group companies
- Written pledge to comply with the Antimonopoly Act submitted by all employees in sales departments
- Antimonopoly Act Compliance Card carried by all employees in sales departments at all times

### Bribery Prevention

- In conjunction with the Group Regulations to Prevent Bribery Involving Public Officials, established in 2018, we have formulated new guidelines concerning commercial bribery to enhance our commitment to bribery prevention.
- The aforementioned regulations and guidelines have been translated into English, Chinese, Thai and Indonesian to be disseminated to all group members inside and outside Japan.
- We provided an e-learning course related to bribery Involving public officials, which was attended by 2,242 managers from 15 major group companies in Japan.

# Deepen Understanding of the Group's Code of Conduct and Guidelines of Behavior

Every employee in the Group holds the booklet on the Group's Code of Conduct and Guidelines of Behavior. All new recruits of the Group hired during fiscal 2019, including both the new college graduates and mid-career recruits,



were also given the booklet with explanation on the details for deeper understanding.

In fiscal 2019, the Legal Department of Toyo Seikan Group Holdings prepared educational materials and distributed them to major group companies in Japan and abroad. Using the materials, individual group companies conducted dissemination and education activities suited for their environment and situations.

# Month-Long Group Compliance Promotion Campaign (October 2019)

- Activities related to Group's common campaign theme
- Compliance with the Antimonopoly Act
- 2) Prevention of harassment and abuse
- Group Compliance Training Seminar
- Submission of the written pledge to comply with ethics and laws and regulations



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### **Enhancing Whistleblowing and Consultation System**

We have established an internal reporting system that covers all group companies in Japan, Thailand and China for early detection and correction of any non-compliance, including human rights violation, bribery and corruption, and law violation.

### Structure of our internal reporting system



In Japan, to allow group members to easily access the reporting system, it is divided into internal and external channels, and each channel has the contact points for reporting on "corporate ethics" and "sexual harassment and Interpersonal relations."

During fiscal 2019, there were 130 contacts in Japan and overseas, none of which would lead to material noncompliance or human rights violation.

When there is a contact to the system, we promptly respond to it in accordance with our internal regulations. We also continuously improve the system, revise relevant regulations, and add and change learning menus in our educational programs in order to prevent recurrence.

### **Other Efforts**

- We have been promoting employees' better understanding of the hotlines with posters and self-
- As of April 17, 2020, Toyo Seikan Group Compliance Hotlines were registered under the self-declared Whistleblowing Compliance Management System Certification managed by the Consumer Affairs Agency.



### **Educational and Training Programs for Group Members**

Various programs and educational activities, including the following, were conducted for domestic group companies.

### Legal Training Program for Newly Appointed Group Officers

In June 2019, we invited an external lawyer as a lecturer to conduct a training program designed for newly appointed officers of the Group, with 24 new officers attending.

Theme: Liability and responsibility of operating officers

### Group Compliance Training Seminar

In October 2019, the Group Compliance Training Seminar was held, inviting an external professional as a lecturer, and attended by 131 officers of group companies.

### Theme:

Not just "Never be involved in wrongdoing!" but "Do the right thing!"-aiming to build a business structure that can pursue both ethics and profits



### Other Training Programs

In the second half of fiscal 2019, the Legal Department conducted a seminar on laws and regulations that are related to our group. Staff members of the department served as lecturers and a total of 943 people from relevant departments across the Group attended the seminar.

Content	Number of sessions	Number of attendees
Antimonopoly Act	15	595
Subcontract Act	7	81
Amended Law of Obligations	13	267

### Collect and Transmit Compliance-Related Information

We are working to raise awareness of compliance as a whole group through individual compliance activities by group companies and our efforts to share information on accidents and events occurring in the society.

### Major Activities Planned for FY2020

- Maintaining and enhancing the Antimonopoly Act compliance framework
- Improving the validity of the internal reporting system
- Promoting full understanding of the Group Regulations to Prevent Bribery Involving Public Officials
- Month-long group compliance promotion campaign



# **Risk Management**

We implement risk management to achieve business continuity and greater stability of our management infrastructure.

### **Enhancing Risk and Crisis Management** Framework

As risk and crisis situations surrounding the Group are becoming more diversified and complicated, risk and crisis management is gaining importance. Responding to this trend, as of October 1, 2019, we launched the Risk Management Administration Office, a permanent organization dedicated for building a solid framework for the risk and crisis management across the group.

We also reorganized the Group Risk and Compliance Subcommittee into the Risk and Crisis Management Committee, and established the Group Information Management Committee as a subcommittee of the Group Risk and Compliance Committee. Meanwhile, Toyo Seikan Group Holdings organized its Information Management Committee.

### Addressing the COVID-19 pandemic

Dealing with the COVID-19 pandemic in Japan and abroad has been our top priority since February 2020. We have been taking comprehensive measures to address the situation as a group, including foreign subsidiaries. It is our duty to ensure the continuity of the Group's operations related to food, beverages and household products, which are essential for maintaining social functions, while protecting the health of employees. We are making the utmost efforts to contain infections by steadily implementing preventive measures at all of our operations.

### Activities Planned for FY2020

We will place high priority on the following two items in the Group's risk and crisis management activities for the current year.

1) Initiate a three-year plan of group-wide risk management

2) Formulate and disseminate our risk management policy

### Risk Management Efforts at Operating Companies

### BCP (Business Continuity Plan) Drill

Toyo Kohan conducts a BCP drill every year. The drill for fiscal 2019 was performed in October 2019, assuming that a heavy rain caused flooding in several areas of its Kudamatsu Plant and brought the rolling line to a 14 day suspension. In the drill, the head office and the plant worked together to confirm the procedures for an emergency, sharing information on the safety of employees, the status of the damage to equipment and product inventories, and how to deal with planned deliveries to customers. They also checked the hazard map of the plant site and their protection team's response to a heavy rain based on the assumed scenario.





### Thai Subsidiary Joins Police-Led Safe Driving Campaign

Toyo Filling International joined a safe driving campaign led by the police and the Industrial Estate Authority of Thailand (IEAT). The company participated in educational activities to encourage people to observe traffic rules and distributed souvenirs to participants.





### Risk Assessment Workshop

In August 2019, TOMATEC conducted a workshop for studying comprehensive risk assessment, inviting an external instructor, to raise safety awareness and improve the overall efforts at individual plants. The workshop was held through a video conference system. In the first half of the session, participants learned the basic points of risk assessment (having a common understanding of risks and implementing measures in order of priority). In the second half, they were divided into groups and worked on case studies of past events in the company to discuss risk



extraction and assessment and measures to reduce risks. Based on what they learned this time, they will continue to develop health and safety activities going forward.

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# Toyo Seikan Group Companies 94(Japan: 43, Overseas: 51)

As of June 30, 2020 : Consolidated subsidiary

Toyo Seikan Group Holdings, Ltd.
 Holding Company

Toyo Seikan Co., Ltd.
Manufactures and sells various kinds of cans and containers and filling

Honshu Seikan Co., Ltd.
 Manufactures and sells 18 liter cans, metal cans and general line cans

Nippon National Seikan Co., Ltd.
 Manufactures and sells beverage cans

Ryukyu Seikan Kaisha, Ltd.
 Manufactures and sells PET bottles and sells metal cans

Toyo Seihan Co., Ltd.
 Manufactures and sells printing plates for printing metal and film

Fukuoka Packing Co., Ltd.
 Manufactures and sells sealant for metal, plastic and glass containers

TM Pack Co., Ltd.
 Contract filling of PET-bottled beverage products

Japan Bottled Water Co., Ltd.
 Manufactures and sells bottled water related materials for delivery service

Toyo Seikan Group Engineering Co., Ltd.
 Manufactures and sells canning machinery, bottling machinery, packaging machinery and food processing machinery

Toyo Mebius Co., Ltd.
 Trucking, warehousing and others

■ T&T Enertechno Co., Ltd.

Manufactures and sells packaging material mainly for lithium-ion secondary batteries

Bangkok Can Manufacturing Co., Ltd. (Thailand)
 Manufactures and sells 2-piece aluminum cans, welded cans and aluminum ends

Next Can Innovation Co., Ltd. (Thailand)
 Manufactures and sells 2-piece steel & aluminum cans

 Toyo Seikan (Thailand) Co., Ltd.
 Manufactures and sells general plastic products; manufactures and sells beverage PET bottles and provides contract filling; a technical support center and administration of group companies

Kanagata (Thailand) Co., Ltd.
 Manufactures and sells molds for plastic products

Global Eco-can Stock (Thailand) Co., Ltd.
 Manufactures and sells resin-coated aluminum materials

Yangon Can Manufacturing Co., Ltd. (Myanmar) Manufactures and sells beverage cans

Toyo Pack (Changshu) Co., Ltd. (China)
 Manufactures and sells beverage PET bottles and provides contract filling

Toyo Mebius Logistics (Thailand) Co., Ltd.
 Trucking business

Asia Packaging Industries (Vietnam) Co., Ltd. Manufactures and sells 2-piece aluminum cans and ends

Asia Packaging Industries (Vietnam) Trading Co., Ltd. Sells 2-piece aluminum cans and ends

Toyo Kohan Co., Ltd.

Manufactures and sells tin plates, thin plates, and various surface-treated steel sheets and various functional materials

Fuji Technica & Miyazu Inc.
 Manufactures and sells stamping dies for car bodies and various molds

KOHAN SHOJI CO.,LTD.
 Sells steel sheets and their processed products

 KOHAN KOGYO CO.,LTD.
 Manufactures and sells steel bands, automatic binders, hard alloys and manufactures magnetic disk aluminum substrates

TOYO PACKS CO.,LTD.
 Manufactures and sells packing materials and packing work

KYODO KAIUN CO.,LTD.
 Marine transport and harbor transport services, custom agent services

TOYO PARTNER CO., LTD.
 Services related to employee welfare facilities and others

Kudamatsu Unyu Co., Ltd.
Land transport, harbor transport services, custom agent services and warehousing

TOYO-MEMORY TECHNOLOGY SDN.BHD. (Malaysia)
 Manufactures and sells aluminum substrates for magnetic disks

MIYAZU MALAYSIA SDN. BHD. (Malaysia)
Auto parts production, and design and production of the dies, and sale

TOYO KOHAN SHANGHAI CO., LTD. (China)
 Sells steel sheet related products, hard materials and automatic binders and provides related services

■ TOYO KOHAN JIANGSU CO., LTD. (China)

Manufactures laminated steel sheet for cans

YANTAI FUJI TECHNICA & MIYAZU TRADING INC. (China)

Trading stamping dies and other products & services for customers in China

■ YANTAI FUJI WILSON ENGINEERING CO., LTD. (China)
Stamping die and iig design for the body. NC data creation

■ FUJI RAYHOO ENG. INC. (China)
Stamping die and jig design for the body, NC data creation

YANTAI FUJI MITSUI AUTOMOTIVE DIE & PARTS CO., LTD. (China)

Mortor parts production and design production, sale of the die

World parts production and design production, said of the

■ KOHAN KOGYO KOREA CO.,LTD. (Korea)

Manufactures and sells automatic binders

■ TOSYALI TOYO CELIK ANONIM SIRKETI (Turkey)

Production and sales of cold rolled steel sheet and surface treated steel sheet

■ Toyo Kohan America Inc. (USA)

Business management etc. of business company in North America

■ Polytech America, LLC (USA)

Development and manufactures and sells laminated steel sheet in North America

■ FUJI TECHNICA & MIYAZU AMERICA INC. (USA)

Die and body technology facilities order intermediation, procurement of a die design, an inspection jig, the proto panel of the order product

■ PT. FUJI TECHNICA INDONESIA (Indonesia)

Auto parts production, and design and production of the dies, and sale

● Tokan Kogyo Co., Ltd.

Manufactures and sells paper and plastic packaging container products

Nippon Tokan Package Co., Ltd.
 Manufactures and sells cardboard products and paper container products

Tokan Kosan Co., Ltd.
 Manufactures and sells agricultural films

Tokan Takayama Co., Ltd.
 Manufactures and sells paper packaging container products and lid products

Tokan Logitech Co., Ltd.
 Trucking

Sunnap Co., Ltd.
 Plans and sells paper and plastic dishwares

Shosando Co., Ltd.
 Manufactures and sells paperwares

■ Shida Shiko Co., Ltd.

Manufactures and sells plastic and paper products

Tokan (Changshu) High Technology Containers Co., Ltd. (China)
 Manufactures and sells plastic products

TAIYO PLASTIC CORPORATION OF THE PHILIPPINES
 Manufactures and sells plastic products

T.K.G. CORPORATION (Philippines)
 Land leasing

■ TAIWAN TOKAN CORPORATION

Manufactures and sells paper packaging containers products

Nippon Closures Co., Ltd.

Manufactures and sells metal and plastic closures.

Manufactures and sells metal and plastic cit

Shin-Sankyo-Pd.
 Trucking business

Crown Seal Public Co., Ltd. (Thailand)
 Manufactures and sells metal and plastic closures and crown closures

Riguan Closure (Changshu) Co., Ltd. (China)
 Sells metal and plastic closures

NCC Europe GmbH (Germany)
 Sells metal closures

PT. INDONESIA CAPS AND CLOSURES (Indonesia) Manufactures and sells plastic closures

■ NCC Crowns Private Ltd. (India)

Manufactures and sells metal closures

TOYO GLASS CO., LTD.

Manufactures and sells glass bottles

TOYO - SASAKI GLASS CO., LTD.
 Manufactures and sells glassware

 Toyo Glass Machinery Co., Ltd.
 Manufactures and sells molds for glass and plastic bottles, and glass bottle manufacturing machinery

TOHOKU KEISYA CO., LTD.
 Manufactures and sells silica sand

TOSHO GLASS CO., LTD.
 Sells glass products

TOYO GLASS LOGISTICS CO., LTD.
 Trucking business, various yard operation contracting

ICHINOSE-TRADING CO., LTD.
 Sells glass bottles and accessories

Mebius Packaging Co., Ltd. Manufacturing and sales of plastic products

■ Toyo Aerosol Industry Co., Ltd.

Contract manufacturing and sales of aerosol and general filling products

Toyo Filling International Co., Ltd. (Thailand)
 Contract manufacturing and sales of aerosol and general filling products

■ Toyo & Deutsche Aerosol GmbH (Germany)

Manufactures and sells aerosol products

● TOMATEC CO., LTD.

Manufactures and sells frit products, complex inorganic color pigment, gel coat and composite micronutrient fertilizer

■ ISHIKAWA INK CO.,LTD.

Manufactures and sells Synthetic resin and Printing ink

TOMATEC (Shanghai) Fine Materials Co., Ltd. (China)
 Manufactures and sells complex inorganic color pigment

TOMATEC (Xiamen) Fine Material Co., Ltd. (China)
 Manufactures and sells frit products

TOMATEC America, Inc. (USA)
 Imports and sells complex inorganic color pigment and frit products

PT. TOMATEC INDONESIA (Indonesia)
 Manufactures and sells frit products and complex inorganic color pigment

Can Machinery Holdings, Inc. (USA)

Holding Company

Stolle Holdings, Inc. (USA)
 Holding Company

 Stolle Machinery Company, LLC (USA)
 Develops, manufactures and sells can and end manufacturing machines and provides related services

Stolle Europe Ltd. (U.K.)

related services

Sells can and end manufacturing machines and provides related services

Stolle Machinery do Brasil Industria e Comercio Equipamentos Ltda. (Brazil)

Manufactures and sells can and end manufacturing machines and provides

Stolle Asia Pacific Co., Ltd. (Vietnam)

Sells can and end manufacturing machine parts and provides related

STOLLE MACHINERY (SHANGHAI) CO., LTD. (China)

Sells can and end manufacturing machine parts

Stolle Machinery (Guangdong) Co., Ltd.
 Manufactures and sells can manufacturing machine parts

Stolle EMS Group Limited (U.K.)
 Holding Company

 Stolle European Manufacturing Solutions Limited (U.K.)
 Manufactures and sells can manufacturing machines and provides related services

Stolle EMS Precision Limited (U.K.)
 Manufactures and sells can manufacturing machine parts

• Stolle EMS Polska Sp. z o.o. (Poland)

Manufactures and sells can manufacturing machines and provides related services

Tokan Trading Corporation

Sells packaging materials, petrochemical products and food machinery, equipment  $\&\,$  parts

Tokan Kyoei Kaisha, Ltd.

Offers insurance products, real estate rental management services, and tourism services