



**SANDEN**

Delivering Excellence

# CSR REPORT 2018

*Responsibly Creating  
Shared Value*

A decorative graphic in the bottom right corner featuring a globe with a blue network overlay of dots and lines. A large green leaf is positioned over the globe. A thick blue wavy line sweeps across the bottom of the page.

**SANDEN GROUP**



Working to resolve social issues, engaging with stakeholders and the ongoing implementation of measures to grow our business

Sanden Holdings Corporation  
Director & President  
**Kin-ei Kanda**

Sanden celebrated the 75th anniversary of the company's founding in 2018. Since the company's founding in 1943, Sanden has remained committed in its business activities to using our core technologies in "heating and cooling" to produce products trusted by consumers, including dynamo light generators for bicycles, commercial freezer and refrigerator showcases, vending machines, car air-conditioning systems and compressors for car air-conditioning systems. Sanden currently operates in 53 business locations in 23 countries and regions, and counts some of the world's leading companies as customers. We would like to express our sincere thanks to all our stakeholders for their continued support and cooperation.

Shrink to Grow

The Sanden Group's management policy is "To create corporate values by focusing on the environment. We will realize the next stage of growth with environmentally responsible products while leveraging our global capabilities and our quality capabilities." With a management focus on the environment, the Group's activities will result in "technology developments" and "contributions to society".

We incurred extraordinary losses in fiscal 2016 due to structural reform-related costs and fines for violations of the EU competition law, which raised some concern among our stakeholders.

In this environment, we launched in fiscal 2017 our Corporate Mid-Term Plan based on the "Shrink to Grow" concept. In order for the Group to achieve ongoing sustainable growth, we must strengthen our business competitiveness, improve our financial position, and restructure our corporate governance structure. In recognition of these import-

Corporate Mid-Term Targets

(Consolidated FY2020 basis)

Net Sales	¥320 billion
Ordinary Income Ratio	5%
Equity Ratio	25%

Four Key Initiatives

1	Comprehensive cost transformation to improve profitability	Material and parts procurement transformation
		Productivity innovation
		Quality reforms
2	Asset efficiency enhancement to strengthen the overall financial structure	Selection and concentration of investment
		Reduction of working capital
		Securitization of non-core assets
3	Optimization of the business portfolio to create corporate value	Concentration of management resources to growing environment related fields
4	Management system reform to achieve sustainable growth	Innovation in corporate governance
		Enhancement of global management control
		Revamp the decision-making system

ant management goals, the Corporate Mid-Term Plan targets a turnaround for the company as it prepares for its next period of growth.

Advancing measures to create corporate value

Numerical targets in the Corporate Mid-Term Plan include sales growth to ¥320 billion in fiscal 2020, a recurring profit margin of 5%, and a shareholder equity ratio of 25%. To achieve these targets, the plan stipulates four key initiatives: 1) comprehensive cost transformation; 2) asset efficiency enhancement; 3) optimization of the business portfolio; and 4) management system reform.

Progress in achieving Corporate Mid-Term Plan targets

1. Comprehensive cost transformation

We have been working to improve productivity and efficiency at our operating bases. In addition to rapidly responding to the needs of our diversifying customers, we are advancing measures to lower costs throughout the group.

2. Asset efficiency enhancement

To reinforce the Group's business competitiveness, it is vital that we strengthen our overall financial structure. We generated over ¥20 billion in cash flow in fiscal 2017.

3. Optimization of the business portfolio

Recognizing the limited nature of the Group's management resources and the need to focus on growth fields, we decided to withdraw from production in the Living Environment Systems Business. Please see our special focus on the automotive systems business and the commercial store systems business on pages 4-5 of this report.

4. Management system reform

To improve the transparency of management and governance, we increased the number of outside directors from two to three and established a Nomination and Compensation committee. In addition, we are streamlining our holding company organization, optimizing management resources, promoting the delegation of authority to operating companies, and bolstering our global competitiveness.

Together with our stakeholders

The Sanden Group is actively adopting ESG-focused measures to promote growth and ensure that our Corporate Mid-Term Plan targets are achieved. We are focused on engaging in dialogue with an ever increasing number of stakeholders as we strive to resolve social issues and meet the expectations of all. We welcome the opinions and requests of our stakeholders in regard to our business activities and thank everyone for their continued support and encouragement.

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About This Report

Since 2005, the Sanden Group has annually published its "Sanden CSR Report," which is designed to offer information about Group businesses and the relationships with stakeholders in those operations in an easy-to-understand format.

The printed version of this report offers concise information on the Sanden Group's fundamental approach to issues based on its Corporate Philosophy and Management Principles. The Group's website offers more-detailed data as well as information on the latest CSR activities.

● **Period of Time Covered by This Report**  
The report primarily focuses on the period from April 1, 2017 through March 31, 2018. However, efforts have been made to include as much information as possible on the latest activities and trends, even when they are subsequent to that time period.

● **Scope of This Report**  
The scope of data and other information in the report includes the Sanden Group (Sanden Holdings Corporation as well as consolidated subsidiaries and affiliates). Please note that the scope of information in certain sections of the report may differ from this, as indicated.

● **Guidelines Used in the Preparation of This Report**  
This report was prepared with reference to the Japanese Ministry of the Environment's 2018 Environmental Reporting Guidelines.

The Organizational Structure of the Corporate Principles

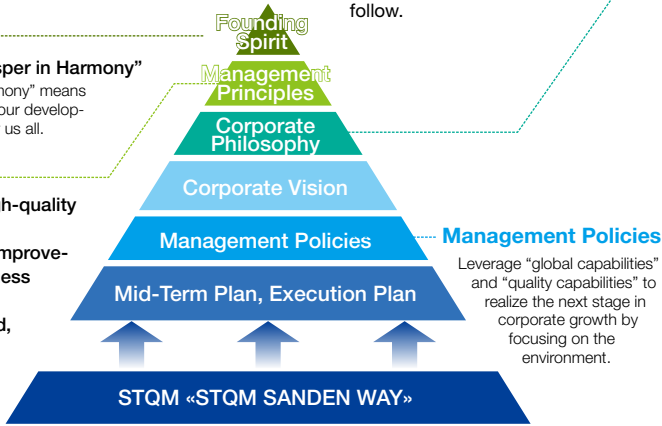
Founding Spirit

"Let Us Develop with Wisdom and Prosper in Harmony"  
"Let us develop with wisdom and prosper in harmony" means that we should use our intelligence in combining our development and pioneering abilities to win prosperity for us all.

Management Principles

- Satisfy our customers' needs with high-quality products
- Contribute to the social and cultural improvement of the community through business activity
- Build a company of which all are proud, through the efforts of self-motivated employees

These principles have served as fundamental employee action guidelines since Sanden's founding.



This philosophy sets forth systematically the behavior that the companies and employees of the Sanden Group, as global excellent companies, should follow.

Corporate Philosophy

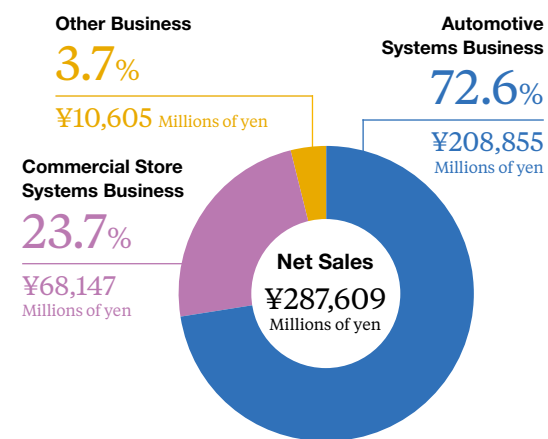
The Sanden Group (G-SDC) will observe relevant laws and international rules both in Japan and overseas as it behaves according to the following 10 basic principles.

Basic Principles Universal values shared by the global community	1. Good Corporate Citizenship and Harmony with Society	We will grow as good corporate citizens, trusted by society and in harmony with the international community.
	2. Respect for Human Rights	We will build a corporate culture founded on respect for all individuals and human rights.
	3. The Environment	We will endeavor to preserve the environment in every aspect of our corporate activities to ensure that future generations will inherit our beautiful, irreplaceable earth.
	4. Corporate Ethics	We will conduct our corporate activities in a spirit of sincerity and fairness based on a strong sense of ethics.
	5. Safety and Health	We will enable our employees to achieve a healthy life style by creating an environment that assures their health and safety.
Basic Stance toward Stakeholders	6. Customers	We will stand on the admired ability of engineering development and manufacturing, and can offer products, systems and services, based on the QUALITY FIRST, that provide constant satisfaction to our customers around the world.
	7. Employees	We will grow together with our employees by creating an organizational culture that encourages free and vigorous communication imbued with a spirit of respect for humanity in line with our corporate culture of challenge and innovation.
	8. Shareholders and Investors	We will respond to the trust and expectations of our shareholders and investors by expanding the Sanden Group, enhancing our corporate value, and making our management more transparent.
	9. Communities	We will respect regional customs and cultures around the world and contribute to the social and cultural development of the communities, which we are related with.
	10. Suppliers	We will grow together with our suppliers as business partners who provide our customers with the best possible products, systems and services on the basis of fair and transparent relationships.



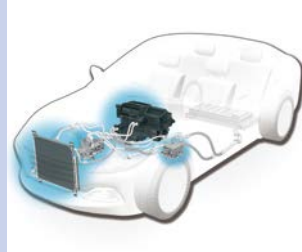
## Business Expansion

### Composition of Net Sales by Business Segment (Fiscal 2017)



#### Automotive Systems Business

We are pursuing the further development of next-generation air-conditioning systems that are friendly to people and to the earth. The Sanden Group's car air-conditioning system products rapidly meet vehicle electrification requirements and are adopted by automobile, construction equipment, and agricultural equipment manufacturers all over the world.



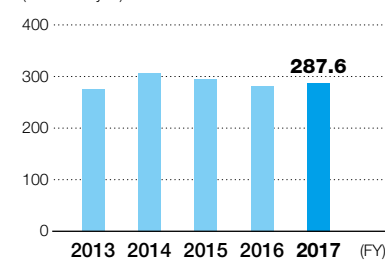
#### Commercial Store Systems Business

We provide support for the food product distribution, mainly through provision of our retail store systems and vending systems. We provide environmentally friendly products, systems, and services that contribute to the business growth of our customers globally.



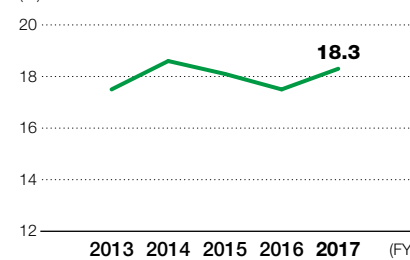
#### Net Sales

(Billions of yen)



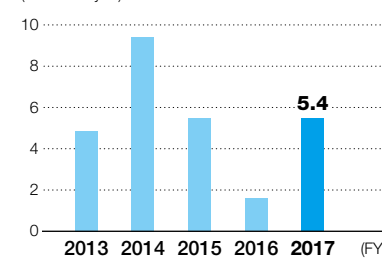
#### Gross Profit Ratio

(%)



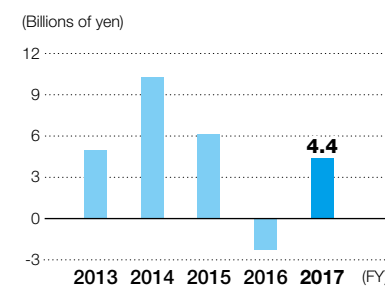
#### Operating Income (Loss)

(Billions of yen)



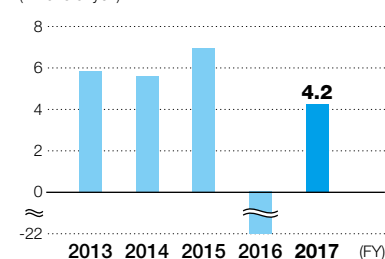
#### Ordinary Income (Loss)

(Billions of yen)



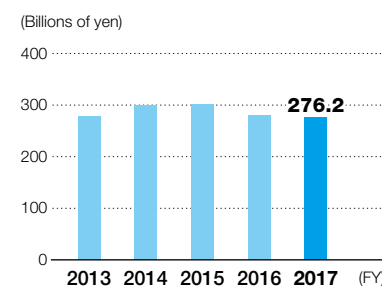
#### Net Income (Loss) Attributable to Owners of the Parent

(Billions of yen)



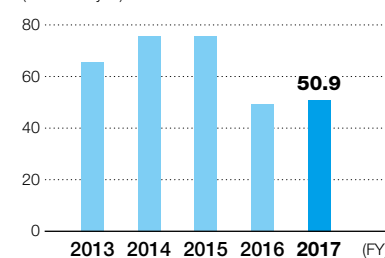
#### Total Assets

(Billions of yen)



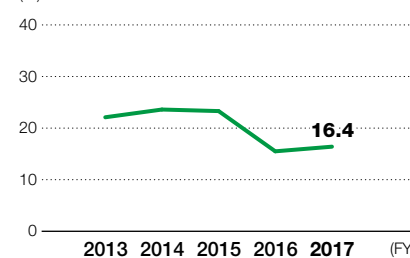
#### Total Net Assets

(Billions of yen)



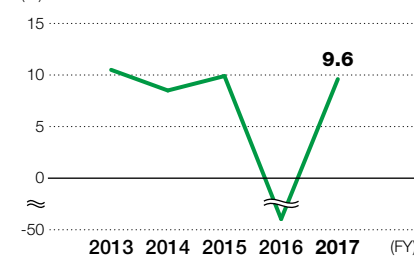
#### Capital Adequacy Ratio

(%)



#### ROE

(%)



## CSR Policy of Sanden

The Sanden Group's CSR policy is based on putting the company's Corporate Philosophy\* into practice, with each and every employee remaining aware of these policies and incorporating them into their daily activities.

With the goal of achieving a sustainable society and ensuring further growth, we established in 2015 and continue to work on priority (materiality) CSR issues that reflect the expectations of our stakeholders.

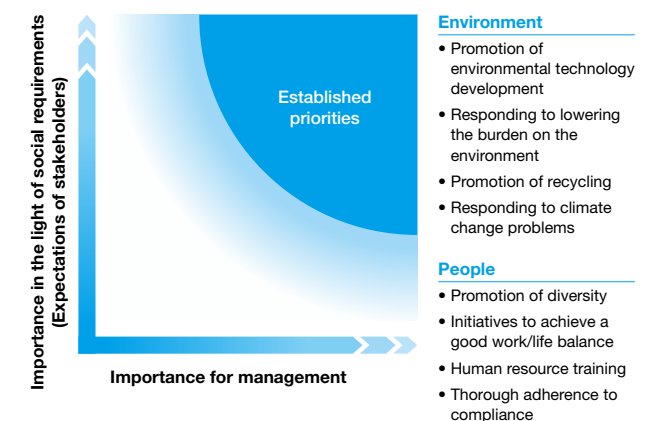
\*Please see page 1 for information regarding our Corporate Philosophy.

### Methods of Establishing Priorities and the Results

We identified the departments that have relationships with the CSR items listed in the Group's Corporate Philosophy, including the environment, customers, employees, shareholders and investors, and suppliers. Then, for each department, we took into consideration two major angles: namely "importance for management" and "importance in the light of social requirements (expectations of stakeholders)." Going forward, we will set specific objectives for initiatives related to selected themes, specifically "environment" and "people", and work to raise the level of these CSR activities throughout the Group.

For information related to the environment, please see "Sanden and the Environment" on pages 6-9. For information on people, please the "Sanden and our Employees" on pages 12-13.

### Materiality Chart



### Relationship with our Stakeholders

The Sanden Group not only values but seeks to deepen communication with our many stakeholders, including our customers, employees, and shareholders. While deepening our connections with customers through daily factory tours and exhibitions, we also continue to engage in direct dialog with our partners at policy briefings and CSR hearings. In addition to the timely disclosure of information to our shareholders, we have received valuable feedback from these same shareholder via distributed questionnaires. The Sanden Group will continue to engage in dialog in line with our goal of bolstering satisfaction among all our stakeholders.

#### Engagement with stakeholders





## ■ Preservation of the Global Environment as Envisioned by Sanden

The Sanden Group is working to resolve social issues by following a management policy based on leveraging “global capabilities” and “quality capabilities” to realize an additional surge in corporate growth centered on core businesses providing environmentally-friendly products. Our efforts are focused on enacting global-scale initiatives that target achievement of sustainable development goals (SDGs).

Automobiles that are so indispensable to our social lives are becoming increasingly diverse, moving from primarily gasoline and diesel-powered vehicles to more environmentally friendly hybrids, plug-in hybrids, electric vehicles (EVs), and fuel cell vehicles.

Thanks to our global reach as well as the advanced and unique nature of our products, our Automotive Systems Business is contributing to the enhanced popularity and use of low environmental impact vehicles. Use of our heat pump systems and electric compressors, which can be used in electrified vehicles, is contributing to preservation of the environment as well as the advancement of the automotive industry.

Social issues having an impact on the distribution industry include the aging of society and the declining birthrate, as well as food safety and security, and reducing food loss.

Commercial Store Systems Business provides support to food distribution businesses, primarily in the retail-store systems and vending machines sectors. In addition to the production and sales of vending machines and beverage vending machines which serve to offset the adverse impacts from the labor shortage, the Sanden Group is committed to resolving social issues through the global development of cold chain systems that continuously maintain temperatures throughout the distribution process in order to minimize food losses and ensure food safety and security. We have also launched products for micromarkets, which are unmanned outlets with automated payment systems.

### Automotive Systems Business

As environmentally friendly vehicles such as hybrids and electric vehicles become increasingly prevalent, Sanden Automotive Systems Business is focused on developing technologies in car air-conditioning systems and compressors for car air-conditioning that contribute to preservation of the environment while simultaneously providing for a more comfortable interior.

More specifically, we are contributing to increased comfort and the protection of the environment through the development of heat pump air-conditioning system for electric vehicles, an Integrated Parking Cooling (IPC) system, a heat pump system that resolves the issue of reduced mileage in an electric vehicle when the heater is being used, a CO<sub>2</sub> compressor using a natural refrigerant, which is a low global warming potential refrigerant, and electric compressors that provide the comfort of air-conditioning and heating in electric vehicles without relying on the engine drive.

One of the most pressing issues among the auto manufacturers is improving fuel efficiency. By pursuing energy saving technologies and reducing the size and weight of compressors, we are working to not only improve fuel efficiency, but also reduce environmental impact on an overall basis.



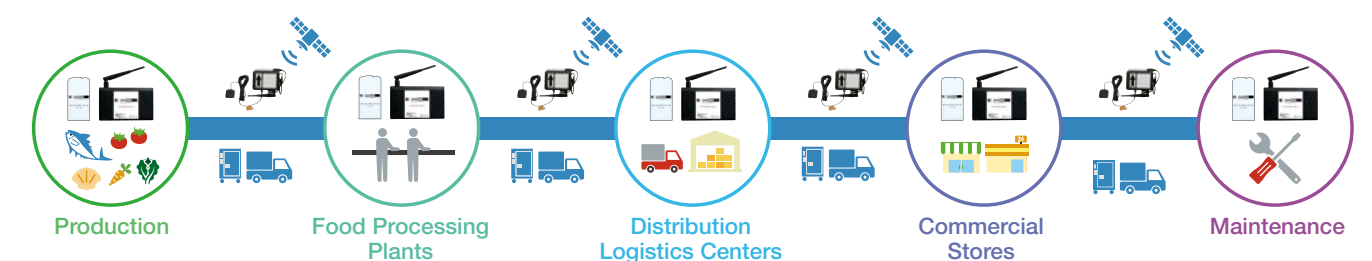
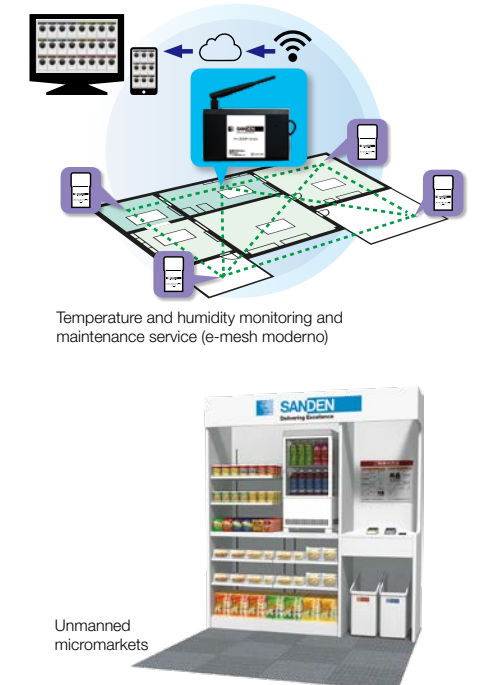
### Commercial Store Systems Business

In addition to the existing technologies we have built up in vending machines as well as in convenience store product, systems, and service operations, the Sanden Group is focused on the realization of next-generation global solutions in the field of IoT, including temperature and humidity monitoring devices.

More specifically, we are promoting cold-chain systems, in which items such as fresh foods are transported from the production site all the way through to consumption in a constant refrigerated or frozen state. We have introduced the “e-mesh moderno” system, a temperature and humidity monitoring and maintenance service that allows visualization of food safety and security by maintaining appropriate temperatures and humidity for products in the storage, transportation and sales stages. These types of temperature management systems are becoming increasingly common in the restaurant and medical fields as well.

With the aim of alleviating the effects of the labor shortage, we have been developing unmanned micromarkets in North America and developing labor saving self-payment stores and unmanned stores using vending machines in Japan.

In addition to the development of these new markets and new products, we established service and maintenance companies in South Korea and Thailand in fiscal 2017 as part of our effort to bolster our global service and maintenance system. Our efforts also include measures aimed at ensuring food safety and security in Southeast Asia.



The cold chain system that contributes to sustained freshness



## Sanden and the Environment

Fundamental approach to the environment

The Sanden Group considers preservation of the global environment to be the most important shared responsibility of people everywhere and we have accordingly defined the preservation of the environment as a core component for corporate growth. As an industrial company grounded in technological development (product development and manufacturing) and as a corporate citizen focused on contributing to society through our business activities, the Sanden Group remains committed to global development that takes into account the environment in all our business activities.

### Green Management

The Sanden Group follows a management policy based on leveraging "global capabilities" and "quality capabilities" to realize an additional surge in corporate growth centered on core businesses providing environmentally-friendly products. With the aim of realizing this goal, the company is promoting environmental management on a group-wide basis. We implemented environmental management based on ISO 14001, focusing in particular on our manufacturing bases, while fostering in our employees a mindset centered on the environment and encouraging collaboration with local communities as part of our goal of being a good corporate citizen.

In line with the transition to the fiscal 2015 version of ISO 14001, we are working to shift our environmental activities to achieve the targets in fiscal 2020, the last year in the Fourth Mid-Term Basic Policy on the Environment, which will be linked to the new Corporate Mid-Term Plan.

In this plan we aim to broaden the scope of activities from environmental conservation activities conducted by ourselves to a system that also includes members of the supply chain. The plan also targets a reduced environmental impact, comprehensive management of products containing chemical substances, and product and technological development aimed at resolving social issues as outlined in the SDGs. Through participation in environment conferences, development is taking place on a groupwide basis, including at overseas locations.

With the goal of improving the quality of our environmental activities, we have conducted assessments of environmental activity levels at our global locations since fiscal 2010. One area of focus is China, where environmental issues are becoming more serious and environmental regulations are being tightened to improve the situation. Amid such an environment, Sanden held the Second China Region Environmental Conference, with a focus in particular on contributing to the resolution of environmental issues, reducing environmental risk, and improving conditions in the area by sharing the results of environmental activities at our locations in the country.

In terms of instilling a mindset focused on the environment in our employees, Sanden announced in fiscal 2009 a policy of encouraging domestic personnel to take examinations in the Certification Test for Environmental Specialists (Eco test). Through eco seminars given by external lecturers and study sessions held in-house, 114 people qualified as Eco People in fiscal 2017, resulting in a cumulative total of 2,395 Eco People now developing environmentally conscious activities in daily operations.

The Sanden Forest/Akagi Plant was constructed using "close-to-nature" methods and Sanden personnel continue to regularly monitor the number of animals and plants living in the area. Other environmental conservation measures include educational efforts making use of the area's abundant natural fields. The facility was included as an outstanding example of sustainable development in the Ministry of the Environment's Guidelines for Private Sector Engagement in Biodiversity, and was singled out as a case study for environmental impact assessments. In line with our leadership position, we will continue to provide information on Sanden Forest environmental activities.

### Green Technology

The Sanden Group has been accurately ascertaining the environment-oriented needs of people and customers to proceed with innovative technology development and product development that produces "new products that contribute to the environment" that combine the Group's core technologies for "cooling and heating" with "energy-saving technologies."

WEB Environmental Activities  
http://www.sanden.co.jp/csr/disp.cgi?mode=page&id=3&lang=en

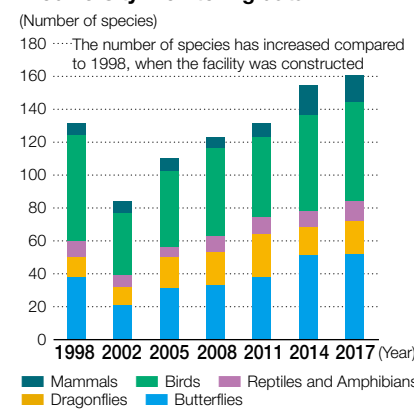


China Region Environmental conferences, with the participation of all nine Chinese bases

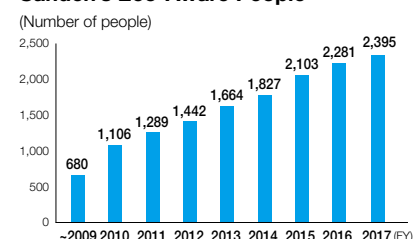


The Sanden Forest / Akagi Plant, which has received positive recognition for its biodiversity-related activities

#### Biodiversity monitoring data



#### Sanden's Eco-Aware People



In Automotive Systems Business, we are developing technologies aimed at making products smaller, lighter, and more energy efficient. The business launched mass production of the world's first CO<sub>2</sub> variable compressor for car air-conditioning, which is using low GWP refrigerant. We have also been launching mass production of high-efficiency heat pump systems for electric vehicles that provide a better balance of heating and cooling functions.

In Commercial Store Systems Business, we have been expanding our lineup of natural refrigerant vending machines and freezing and refrigerating showcases, while also developing preparation and freshness maintenance technologies for fresh milk to accommodate diversifying tastes in line with the introduction of the new CRYSTA II coffee dispenser. We are also offering cold chain system products to reduce food loss in overseas distribution operations. The Sanden Group established internal product environment indicators to measure the environmental contribution of its products. The achievement rate in fiscal 2017 was 95%.

### Green Process

In line with the Third Mid-Term Basic Policy on the Environment, for which fiscal 2017 was the final year, we worked on reducing the amount of energy used, the amount of waste generated, and the amount of water used in the manufacturing process. As part of our effort to reduce the amount of energy used, we shifted production methods, improved productivity, reviewed overall energy use, and installed equipment that use of a different fuel makes more efficient. Measures to reduce waste emissions included educational efforts at overseas facilities and sourcing strategies using Material Flow Cost Accounting (MFCA).

In Commercial Store Systems Business, we constructed a flexible production line that can produce small quantities of a large number of products, largely in line with our goals of minimizing time spent on product assembly and more quickly responding to customer, post-process, and market needs.

We continue to implement MFCA in order to reduce the amount of waste. The company expanding its efforts in iron-based materials to the supply chain resulted in an improvement in transportation costs during processing within the supply chain.

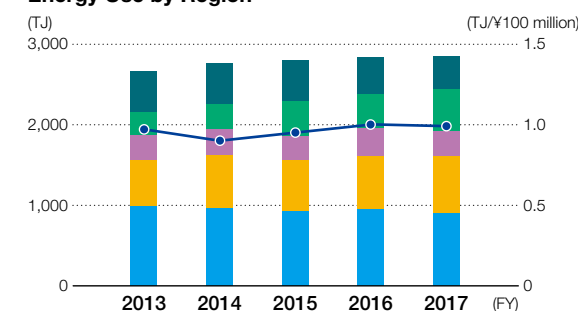


Drip-type coffee dispenser using fresh milk (CRYSTA II)

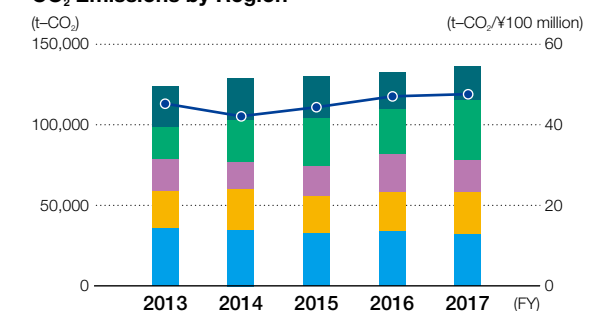


Implementing MFCA at regional suppliers

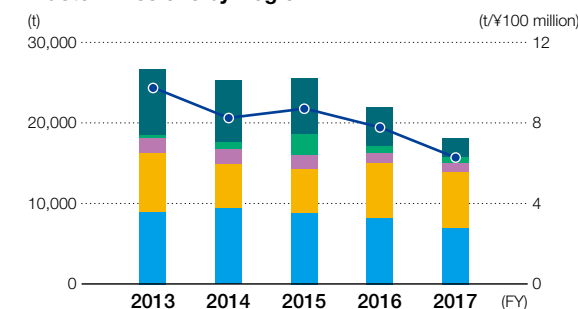
#### Energy Use by Region



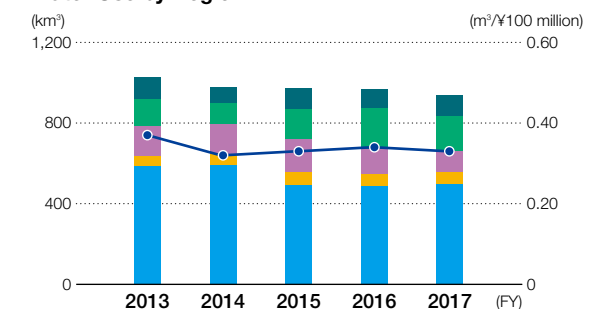
#### CO<sub>2</sub> Emissions by Region



#### Waste Emissions by Region



#### Water Use by Region





Moreover, we have continued our efforts to reduce the amount of waste, including sludge, and reduce soluble cutting oil, which can worsen the workplace environment. We also continued from fiscal 2017 our advancement of “energy creation” \*, in which energy is captured from the waste heat emanating from our factories.

Sanden (Shanghai) Automotive Air-Conditioning Co., Ltd (China) has received favorable reviews for its continuous efforts to conserve energy, its environmental activities, and its energy saving efforts in air conditioners. The company received an award at a conference to promote environmental conservation, including through energy conservation, in the Jinjiao Economic and Technological Development Zone. The conference was attended by about 200 companies and focused on environmental conservation and energy saving activities.

However, energy use in fiscal 2017 increased 1% year-on-year and the basic sales unit dropped 1% year-on-year (up 3% compared to fiscal 2013) due to reduced domestic sales and instability in capacity utilization due to domestic and overseas restructuring. On the other hand, ongoing MFCA activity and waste separation resulted in waste emissions dropping 35% year-on-year, with the basic sales unit dropping a firm 32% year-on-year (down 19% compared to fiscal 2013).

The Fourth Mid-Term Basic Policy on the Environment designates reducing environmental impacts and reducing environmental risks as the focus of basic environmental activities and targets further activities in line with the company's growth strategies.

### Green Communication

In line with the “Sanden Group Guidelines for Biodiversity” formulated in 2014 and the Environmental Charter formulated in 1993, Sanden employees in their capacity as corporate citizens are actively participating in local environmental activities. Fiscal 2017 marked the 15th year we have been working on greening activities at the Sanden Forest/Akagi Plant site, which went into full-scale operations in 2002. The company has also won praise for its environmental education activities in the Sanden Forest as well as its efforts to preserve the ecosystem, winning the Ministry of Land, Infrastructure, Transport and Tourism's 37th Green Urban Award and the 5th Green Social Contribution Award.

With an eye toward ESG investment, the company also participated in the Ministry of the Environment's activities aimed at improving environmental information disclosure. We intend to continue to plan and promote communication with our stakeholders moving forward.

\* Energy creation focuses on creating new energy by making use of energy sources, including exhaust wind and heat from factories that has never been previously used.



High praise from industrial district for environmental activities (Shanghai)



The Minister of the Land, Infrastructure, Transport and Tourism's Green Urban Award

#### A company committed to biodiversity



Composting of cafeteria food waste (France)



Environmental education activities at the Sanden Forest/Akagi Plant (Japan)



Employees participating in on-site greening activities (US)



Participation in afforestation activities (Philippines)

#### Employees participating in afforestation activities

#### Participating in local clean-up activities



Employee cleaning activities (Poland)



Cleaning activities in Akagi Onuma (Japan)



Cleaning Day in Chiyoda-ku, Tokyo (Japan)



Cleaning in Hashienuma (Japan)

### FY2017 Targets and Performance for Mid-Term Basic Policy on the Environment

This table shows our fiscal 2017 environmental activities and the company's performance in achieving the targets set out in the Mid-Term Basic Policy on the Environment ending in fiscal 2017.

WEB

FY2017 Targets and Performance for Mid-Term Basic Policy on the Environment  
<http://www.sanden.co.jp/csr/disp.cgi?mode=detail&id=18&lang=en>

\* Level of attainment: A: target(s) attained; B: generally attained; and C: insufficient

Basic Strategy	Mid-Term Basic Policy on the Environment targets	FY2017 targets	Fiscal 2017 performance	Level of attainment
Green Management	Attainment of environment activities at all sites: A or higher	Environmental activity level All sites achieve level "A"	Achieved at 25 locations targeted for environmental management (73%)	B
		Sponsor regional environmental conferences	Sanden held the Second China Region Environmental Conference	
		Complete preparations for shift to revised ISO	Preparations complete at all locations Update to 2015 version complete at 28 ISO certified locations	
		Implementation of environmental education activities	<ul style="list-style-type: none"> <li>Executive education in SDGs, ESG</li> <li>Promoting Certification Test for Environmental Specialists results in certification of 114 Eco People</li> </ul>	
Green Technology	<ul style="list-style-type: none"> <li>Development and marketing of environmentally friendly products using new technologies</li> <li>All mass-produced products meet product environment indicators (Targets are set by product)</li> </ul>	Product environmental indicators of 0.9 or less with newly developed models (environmental performance comparison with applicable models)	Attainment rate of 95%	A
		Calculate environmental impact for product's entire life cycle	<ul style="list-style-type: none"> <li>Scope 3 calculation for food distribution equipment</li> <li>Industrial Association focus on calculating impact of automotive equipment while it is in use</li> </ul>	
		Develop environmentally friendly products using innovative technologies	<ul style="list-style-type: none"> <li>Developed and marketed CO<sub>2</sub> refrigerant compressor for automotive air conditioners</li> <li>Developed and marketed high efficiency heat pump for electric vehicle air conditioners</li> <li>Developed and marketed drip-type coffee dispenser that uses fresh milk</li> </ul>	
Green Process	Reduction in environmental burden <ul style="list-style-type: none"> <li>15% or more in energy usage</li> <li>15% or more in waste emissions</li> <li>5% or more in water usage</li> <li>5% or more in emissions of harmful chemical substances</li> </ul> (All figures are on a per unit of sales basis and are comparisons with fiscal 2013.)	CO <sub>2</sub> intensity per sales 8% reduction YoY	Unit of sales: Increased 1% (vs. Mid-term target) Total volume: Increased 1% Unit of sales: Increased 10%	B
		Waste intensity per sales 8% reduction YoY	Unit of sales: Reduced 19% (vs. Mid-term target) Total volume: Reduced 35% Unit of sales: Reduced 32%	
		(Japanese business plants and domestic group companies) • Maintain recycling ratio of 99% or more (zero emissions)	Maintained	
		Reduce water usage per unit of sales by 2% YoY	Unit of sales: Reduced 3% (vs. Mid-term target) Total volume: Reduced 11% Unit of sales: Reduced 7%	
		(Japanese business plants) Reduce emissions of harmful chemical substances per unit of sales by 2% YoY	Reduced 10%	
		(Japan) Reduce energy use per unit by 1% YoY	Reduced 3%	
Green Communication	Global development of biodiversity activities	Participation in environmental conservation activities	<ul style="list-style-type: none"> <li>Afforestation activities at each location</li> <li>Actively participated in local afforestation and cleaning activities</li> </ul>	A
	Getting external assessments	Participate in awards programs	<ul style="list-style-type: none"> <li>Green Social Contribution Award</li> <li>Ministry of Land, Infrastructure, Transport and Tourism's Green Urban Award</li> </ul>	



## Sanden and our Customers



**WEB** [Customers](https://www.sanden.co.jp/csr/disp.cgi?mode=detail&id=10&lang=en)  
<https://www.sanden.co.jp/csr/disp.cgi?mode=detail&id=10&lang=en>

### Fundamental approach to the customers

One of the tenets of the Management Principles of the Sanden Group is “Satisfy our customers’ needs with high-quality products.” As we strive to provide attractive products, systems, and services, we believe quality comes first in our technological development and manufacturing efforts. The creation of quality products requires us to ensure that information obtained is factual, that we share that information with relevant departments, and that we make continuous improvements by following the PDCA cycle.

### Targeting product quality improvements by advancing STQM activities

Beginning in 1994, Sanden introduced its STQM activities, which stands for “Sanden Total Quality Management,” with the objective of improving the quality of management in the Sanden Group and aiming to have the “best-in-class” management quality in the world. STQM is defined as the action to accumulate daily efforts of creative improvement, while improving the quality of each management and each results in order to build the company which prospers in the 21st century. In addition to past activities aimed at improvement, our efforts to achieve the highest level of service, continue to respond to customer needs and adapt to a changing market resulted in the Sanden Group in fiscal 2017 launching “Customer First” activities as part of our goal of reinforcing our commitment to our customers. We are conducting these activities at our locations around the world as we strive toward realization of our concept of a “global excellent companies.”

### Creating value for our customers through global development

Our technology development and manufacturing activities are based on our “four-pole development structure”, comprised of Japan, Europe, North America, and Asia/China. In order to provide the high-value products required by our customers and adapt to diversifying markets on a global basis, the development divisions in Japan actively develop new technologies based on new product and new technology proposals to our customers. We will continue to strive to improve customer value by developing a global development structure that can offer a broad range of technology support throughout the world, including in material technologies, reliability technologies, and production technologies.

### Continuing to bolster the foundation for improvement

The company won a grand award for the third consecutive season at the Gunma district QC Circle Spring Conference hosted by the Union of Japanese Scientists and Engineers.

### Support for improving product quality at overseas companies

As part of product quality management training for leaders of overseas companies hosted by the Association for Overseas Technical Cooperation and Sustainable Partnerships (AOTS), we introduced STQM activities and examples of organizational improvement measures by the Hot Forging Circle of Sanden Automotive Components Corporation, which won the Silver Award at the All Japan QC Circle Conference.

### Focus on improving customer satisfaction

The Sanden Group formulates policies and measures for each business company in an effort to improve customer satisfaction. Specifically, we hold regular meetings every month with our customers, implement assessments based on interviews once a year, and conduct customer satisfaction surveys for customers that have received after sales services. The Customer Service Center (in Japan) receives inquiries about products and service requests 365 days a year. These measures allow us to effectively grasp and analyze the needs of our customers and therefore not only improve our products and services, but also more effectively develop new products.



Full-scale flexible line operations begin at the Akagi Plant



10th STQM World Convention

### The results of 2017–2018 activities

- Gunma district QC Circle: Champion Tournament  
Gunma Governor's Award  
SW-HY Circle (Sanden Business Expert)
- Gunma district QC Circle: General Tournament  
Spring Tournament Award  
SW-HY Circle (Sanden Business Expert) / Pressland Circle (Sanwa Fabtech)
- Fall Tournament Award  
CHIRITSUMO Circle (Sanden Retail System) / 5-7 (Sanden Logistics)
- Spring Tournament Award  
SMASH HIT Circle (Sanden Business Expert) / Hot Forging Circle (Sanden Automotive Components)

## Sanden and our Suppliers



**WEB** [Suppliers](https://www.sanden.co.jp/csr/disp.cgi?mode=detail&id=4&lang=en)  
<https://www.sanden.co.jp/csr/disp.cgi?mode=detail&id=4&lang=en>

### Fundamental approach to the suppliers

In line with our focus on creating opportunities and reducing business risk, we will continue to promote co-creation activities throughout the supply chain while simultaneously encouraging our business partners to understand the CSR promotional activities in which the Sanden Group is engaged. Promoting the Sanden Group's sustained global development requires the reliable and efficient supply of competitive materials and components. To ensure that it can obtain such supplies, Sanden is striving to build mutual trust with its suppliers as business partners.

### Cooperation with our partners

G-CF\*1 Conferences are organized for suppliers to express appreciation for their day-to-day manufacturing activities and their promotional activities related to Sanden Group product marketing promotion. These conferences are also held to promote suppliers' understanding of the Group's global operations and build solid relationships of trust. The G-CF Conference held in February 2018 focused on the explanation and sharing of procurement and management policies with our leading global partners. This year saw the participation of 167 individuals from a total of 83 companies (61 from Japan and 22 from overseas). In addition to letters of appreciation to 15 of these companies that made strong contribution to the group, we note that the company's MPS\*2 policies have produced clear results in engineering and supply chain activities, resulting in the presentation of Green Product Awards for excellence in technology that contributed to the company's technological development and product competitiveness. The Conference also included a breakdown of some of these efforts.

\*1 Stands for Global Create Future  
 \*2 Materials & Parts Supply



Suppliers' awards ceremony at the 2018 Sanden G-CF Conference

## Sanden and our Shareholders and Investors



### Fundamental approach to the shareholders and investors

To promote the long-term support of shareholders and investors, the Sanden Group considers it important to provide them with beneficial information for facilitating investment judgements, and we are endeavoring to communicate actively with them. We will also work to enhance dialogue from an ESG perspective, something we have been focusing on for some time now.

### Information disclosure

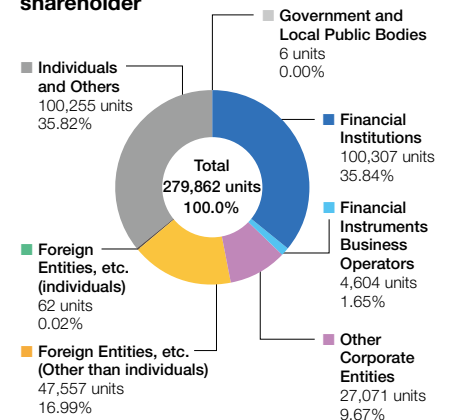
Sanden issues quarterly reports in Japanese and English with the goal of promoting such areas as the understanding of the Group, Sanden's Corporate Philosophy, management strategy and Corporate Mid-Term Plan. These are published on the Sanden website and in reports such as Securities Report. Sanden also gives presentations, to financial institutions and institutional investors, of performance results at the end of the second and fourth quarters, and the materials are posted on the Sanden website in Japanese and English to ensure fair disclosure.

### Communication with Shareholders and Investors

We are working to deepen communication and strengthen our relationship of trust with shareholders and investors, including through over 110 individual and small meetings for shareholders and institutional investors held throughout the year, which allow us to provide a clear explanation of our business strategies, as well as our Corporate Mid-Term Plan and our progress in achieving the targets within that plan. We also believe the meetings further facilitate the frank exchange of ideas and opinions. The Sanden Group is committed to providing more timely communications with overseas investors and shareholders, and has accordingly been holding more conference calls. We intend to continue to expand our communication efforts as part of our goal to meet the expectations and gain the further trust of our shareholders and investors.

**WEB** [Shareholders and Investors](https://www.sanden.co.jp/csr/disp.cgi?mode=detail&id=9&lang=en)  
<https://www.sanden.co.jp/csr/disp.cgi?mode=detail&id=9&lang=en>

### Distribution of shares by type of shareholder



\* One treasury stock holder (1,671 units) included in the "Individuals and Others" category.

## Sanden and our Employees

### Fundamental approach to the employees

With an eye on the aging of society in Japan and the declining working-age populations, we believe our efforts to create a workplace where each employee can work to the best of their ability contributes to the growth potential of the company. Furthermore, Sanden makes every effort to ensure the physical and mental health of employees and strictly maintains labor safety and safety standards and is focusing on creating a work environment that considers work-life balance.

### Practical Action: Sanden's Principle that a Company is as Good as the People it Keeps

Teamwork among employees and within the organization is the basis of a company's prosperity. Under this basic concept that lives on in the founding spirit of the Company, the Sanden Group aims to be a company where highly motivated employees can conduct business activities globally.

### Promoting and effectively utilizing global human resources

As we accelerate the global development of our business, we view the training and promotion of human resources across the globe as one of our highest priorities.

Our human resources department twice a year holds a meeting for global human resources officers to facilitate the exchange of ideas with personnel managers of major overseas corporations. Discussions focus on sharing and utilization strategies in human resources in line with our effort to promote and effectively utilize human resources throughout the global Sanden group.

### Meetings to exchange opinions on diversity

As part of our effort to advance understanding of the need to promote women's careers and diversity, to advance role models for women, and to create a comfortable working environment, we launched regular small group meetings for the exchange of ideas and opinions in December 2017, holding by June 2018 two meetings at the Akagi Plant, two meetings at the Yattajima Plant, and one meeting at the Tokyo headquarters. Issues for discussion at these meetings included ideas for improvements by participants, and plans for future improvements through collaboration between management and labor unions.

### Diversity initiatives

#### Personnel Data for Japan

(Numbers of employees)

		FY2014	FY2015	FY2016	FY2017
Total number of employees		2,407	2,394	2,304	2,481
Non-Japanese	Employees	23	23	29	30
	Corporate officers	2	0	2	0
	General Managers	3	0	0	3
	Managerial positions (including general manager positions)	3	4	5	6
Women	Employees	279	284	298	315
	Corporate officers	0	0	1	1
	General Managers	3	3	2	4
	Managerial positions (including general manager positions)	10	13	10	12
Number of foreign nationals hired (new graduates)		2	1	5	3
Employees with disabilities		79 (2.12%)	86 (2.28%)	100 (2.84%)	105 (2.70%)

Notes: 1. Figures are as of March 31 of each year.

2. These figures are for Sanden Holdings and its seven business companies. However, the number of people with disabilities includes Sanden Holdings and its seven business companies, Sanden Bright Partner, Sanwa, Sanwa Fabtech, Sanwa System Engineering, SD Maintenance, and Honda Cars Takasaki.

3. Ministry of Health, Labour and Welfare counts one full-time worker with severe disabilities as two persons.

4. The figures in parentheses ( ) are the percentage of disabled employees.

#### WEB Employees

<https://www.sanden.co.jp/csr/disp.cgi?mode=detail&id=12&lang=en>



Meeting for global human resources officers

#### Sanden Group Action plan for submission to the Ministry of Health, Labour and Welfare

##### 1. Period covered by the plan

December 2017–31 March 2019 (one year)

\* The plan covers through the end of fiscal 2018 with a reworking of the plan for the following fiscal year.

##### 2. Challenges

- (1) Increasing the number of female managerial candidates
- (2) Increasing the ratio of female full-time employees
- (3) Bolstering training for leadership positions
- (4) Fostering workstyles that bolster productivity

##### 3. Targets

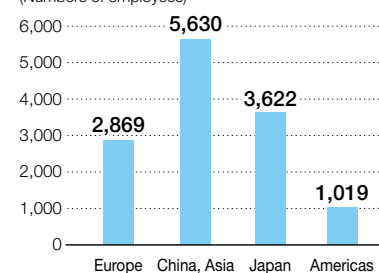
1. Achieve a three-fold increase in the number of women in management positions compared to 2014 by 2020 and a five-fold increase by 2030.
2. Ensure that women account for at least 15% of new graduate hires.
3. Enhanced training for human resources in leadership positions
4. Implement workstyles that bolster productivity



Exchange of opinions and ideas on diversity

#### Number of Employees by Region

(Numbers of employees)



### Promoting the development of human resources

Sanden Holdings Corporation and the seven business companies recognize that "human development" is the management issue likely to have the largest impact on the future of the company. With this in mind, we are conducting employee training in line with the basic idea of fostering human resources under the assumption that "human power" is the source for "technological power."

#### Outline of the SDC training system

Level	Training based on organizational hierarchy	Selective training	Specialty training	Self-development
Senior management		Management school Accelerated MBA		
Management	Management training	Business school		
General employment	Chief and assistant manager training	Coaching training		
	Mid-level employee training			
	Third-year of employment training	Facilitation training		
	New employee training			

### Sanden selected as a White 500 Company in 2018, certifying outstanding health and productivity management

Sanden Holdings Corporation and the seven business companies were certified as a group of companies showing outstanding health and productivity management (large company section) in 2018 by the Ministry of Economy, Trade and Industry and Nippon Kenko Kaigi. We implemented safety activities in fiscal 2017 under a safety and health policy based on "creating workplaces where each and every employee can work in safety and security by giving safety highest priority and having everyone participate in health and safety activities." Key measures included improving the environment in all workplaces in line with the results of recent stress check efforts, with a particular focus on eliminating issues related to mental health.

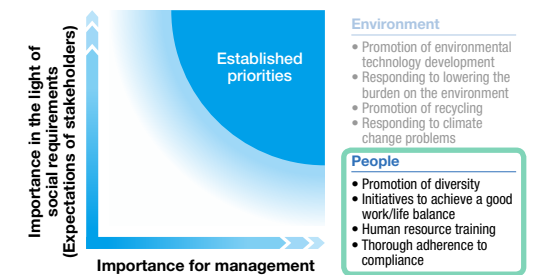
### Promotion of safety and health activities

The Sanden Group views the reduction of hazardous risks that could lead to serious injury of illness as a top safety and health concern. We are accordingly moving forward with risks assessments by job and location, revising work methods to remove risks in line with our risk assessments, renovating equipment and facilities to lower and manage risk, and conducting comprehensive education and training activities for our employees. Focused on the Central Safety and Health Committee, we are working to lift awareness of safety among all employees by conducting *Hiyari-Hatto* (near misses) training and 5S (Sorting, Setting-in-order, Shining, Standardizing, Sustaining Discipline) activities focused on specialized challenges at each site.

### Promotion of work-life balance

Sanden Holdings Corporation and the seven business companies aim to improve the work-life balance of their employees by promoting the use of paid leave. In addition to targeting a paid-leave usage ratio of 60%, we are considering shortened working hours, a reduction in overtime hours, flexible working schedules and the introduction of a more diverse lineup of workstyles.

We participated as an implementing corporation in "2018 Telework Days" in July 2018. This involved telecommuting on a trial basis as part of an effort to realize work-life balance for employees working in the Tokyo area.



Sanden Communication Plaza (Honjo City, Saitama Prefecture): a group facility for selective and level-based training, including for new employees

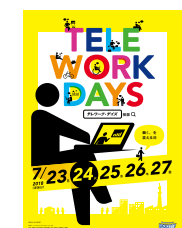
#### Number of employees participating in training

(Numbers of employees)

	FY2015	FY2016	FY2017
Total	371	246	324



Training aimed at improving the workplace environment



The Telework Days initiative is a national movement to promote workstyle reforms organized in cooperation with companies, the Tokyo Metropolitan Government and related organizations, as well as the Ministry of Internal Affairs and Communications (MIC), the Ministry of Health, Labour and Welfare (MHLW), METI, the Ministry of Land, Infrastructure, Transport and Tourism (MLIT), the Cabinet Secretariat and the Cabinet Office.



## Sanden and our Communities



### Fundamental approach to the communities

With the goal of realizing a sustainable society, the Sanden Group is committed to fulfilling its role as a corporate citizen and deepening its ties with local communities through a variety of activities.

### (Japan) Human resources development programs for revitalizing local communities

The Sanden Group is implementing its own human resources development programs for local communities

Focus	Period	Name	Cooperating companies and organizations
Community members	November 2017–February 2018	Waseda University-affiliated business school	WBS Research Center, Waseda University/Isesaki City/Isesaki City Board of Education
University students	April 2017–March 2018	Sanden Kankyo Mirai Zaidan Environmental Network Campus	Gunma University/Takasaki City University of Economics/Waseda University/Kyoai Gakuen
		Sanden Kankyo Mirai Zaidan "Global E-Cam)	Maebashi International University
			Ashikaga University
High school students	August 2018	Summer Riko-challe	Cabinet Office / Gunma University, Faculty of Science and Engineering
	July–September 2017	Isesaki City Business Experience Project "Isesaki Social Design Award"	Isesaki City Board of Education
Elementary and junior high school students	August 2017	Sanden Maebashi Robocon 2017	Maebashi City / Maebashi Techno Forum Executive Committee
	July 2017	Isesaki City Manufacturing Experience	Isesaki City Board of Education / MoNo labo

### (Japan) Sixth Volleyball clinic in support of reconstruction in Fukushima

In April 2018, the Sanden women's volleyball team joined with the Denso (Hyogo Prefecture) team to sponsor a sixth volleyball clinic in support of reconstruction in Fukushima. The event was held for elementary and junior high school students in Soma City and Date City, Fukushima Prefecture.

### (Philippines) Sponsoring the Kiss Me project by donating large freezers

In November 2017, Sanden International Philippines, Inc. was a sponsor in the Philippine Department of Agriculture's "Kiss Me Project," which benefits military personnel. The company contributed by donating large freezers to five wounded soldiers.

### (Poland) Contributing through participation in the Smile for Penny campaign

Sanden Manufacturing Poland sp.zo.o (Poland) collected PLN11,000 (about ¥360,000) as part of the "Smile for Penny Campaign" in January 2018, contributing the funds to the treatment of children and a local orphanage.

### (US) Support for areas devastated by Hurricane Harvey

SandenVendo America Inc. in September 2017 participated in rescue and food supply operations for victims of Hurricane Harvey, a large hurricane that slammed into Houston, Texas on 24 August.

### (China) From Gunma to the world

Sanden Holdings Corporation Shanghai Representative Office in March 2018 hosted Gunma University officials, worked with the Glocal Hatara-Kurasu Gunma Project in which the Company is a participant, and participated in the exchanging of views on career development efforts for the next generation from a global perspective.

**WEB** Social Contribution Activities  
<https://www.sanden.co.jp/english/environment/activity.html>



Environmental Network Campus



Monolabo



Sixth Volleyball clinic in support of reconstruction in Fukushima



Kiss Me Project



Smile for Penny Campaign

## Fiscal 2017 social contribution targets and performance

**WEB** Fiscal 2017 social contribution targets and performance  
<https://www.sanden.co.jp/csr/disp.cgi?mode=detail&id=29&lang=en>

\* Level of attainment: A: target(s) attained; B: generally attained; and C: insufficient

Category	FY2017 Targets	FY2017 Performance	Level of attainment	FY2018 Targets
Customers	Quality Management	(1) Eliminate problems early through KPI monitoring (2) Train key quality personnel to raise organizational capacities	A	(1) Promote the restructuring of the product quality process using the product quality dashboard on a global basis (2) Expand themes for problem-solving activities combining specific relevant technologies with SQC
		(Action) Establish a relationship of trust with customers by strengthening our global product quality system  (Numerical Targets) Zero critical product quality issues		(1) Achieve zero critical quality issues in line with the construction of the quality assurance system for the expansion of the electric business (2) IATF 16949 certification in line with shift to the new management system based on IATF 16949 and customer requests (3) Achieve zero critical quality issues in line with the construction of a quality system for expansion in coffee dispenser business (4) Reduced labor and lower defective AS costs by maintaining and improving OEM product quality
	Sales	Conduct customer satisfaction survey	A	(1) Continue VOS collection activities (2) Service department continues to conduct customer satisfaction survey (3) Continue to conduct market evaluations for new products
Employees	Service	Promote logistics activities conscious of the global environment (1) Reduce packaging materials through packaging improvements (2) Reduce deliveries through collaborative collection/delivery (3) Implement more intensive (round) container use through collaboration with other companies (4) Shorten transport lead-times by developing new overseas transport routes (5) Continue to expand the modal shift	A	Promotion of environmentally friendly logistics (1) Improved efficiency through facility consolidation (2) Reduced number of deliveries through joint collection and delivery (3) Expand container round use (4) Reduce inventory through shortened import/export lead-times (5) Sustain modal shift
	Human Resource Development	(1) Conduct training by job level (2) Conduct select training for next-generation leaders, etc. (3) Conduct online course for improving management skills	A	(1) Implement training based on organizational hierarchy (2) Implement selective training (3) Implement educational training for managers
	Diversity	Employment ratio for people with disabilities: 2.4% (At time of setting target 2.3%)  Hire female employees and strengthen the foundation by facilitating related structures	A	2.6% or more  (1) Achieve a three-fold increase in the number of women in management positions compared to 2014 by 2020 and a five-fold increase by 2030 (2) Ensure that women account for at least 15% of new graduate hires. Enhance leadership training. Establish workstyles to improve productivity.
Shareholders/Investors	Health and Safety/Work-life Balance	(Safety) (1) Continue to ensure rigorous compliance with basic rules (2) Monthly management of KPI (3) Continue and enhance workplace environment improvement activities  (Health) (1) Continue conducting workplace improvement activities (2) Conduct the second round of stress checks	B	(Safety) (1) Restructure basic rules for safety and implement training for all employees (2) RA implementation and improvement based on change point management (3) Entrench compliance with the five safety rules and promote safety in daily activities  (Health) (1) Promote workstyle reforms to ease overwork. No workers working excessive hours (more than 45 hours of overtime per month for three consecutive months) (2) Promote worker awareness of their own health risks
	Communication	(1) Develop and enhance activities for dialogue between top management and shareholders/investors under holding company structure (2) Enhance information disclosure and opportunities (3) Shorten time to earnings disclosure	A	(1) Implement fair disclosure practices (2) Enhance shareholder dialogue in regard to non-financial items (ESG)
Communities	Local Contribution Activities	Further promote social contributions at all global locations through collaboration with the regions they serve (1) Educational support (2) Support for disaster recovery (3) Support for social welfare (4) Environmental preservation (5) Promotion of sports activities	A	Promote social contributions at all global facilities in cooperation with local communities (1) Support for education (2) Disaster recovery support (3) Social welfare support (4) Preservation of the environment (5) Promotion of sports
Suppliers	CSR Survey/Communication	(1) Strengthen operating standards for conflict minerals and Japanese Subcontract Act (2) Strengthen communication with MPS business partners and core business partners (3) Further strengthen business partners by enhancing MPS activities (Total of 127 activities) (4) Strengthen relationships with outstanding G business partners through G-CF Conferences	A	(1) Continue to fortify initiatives in regard to subcontracting laws and conflict minerals (2) Continue to strengthen communication with MPS partners and core suppliers (3) Use 2019 G-CF Conference to bolster ties with core suppliers (4) Entrench environmental improvement measures in the supply chain (management of CO <sub>2</sub> emissions volume)



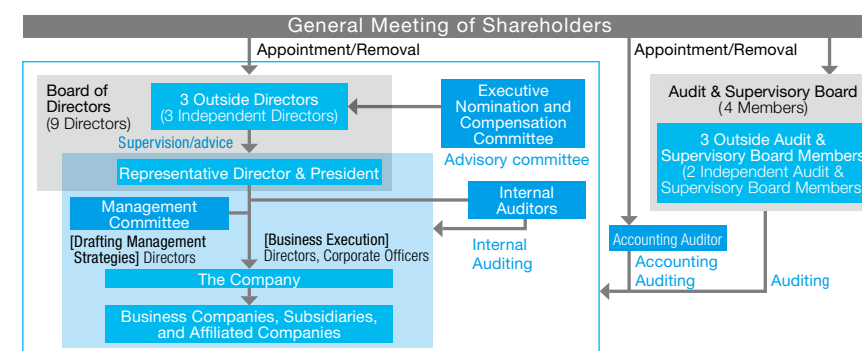
## Corporate Governance

### Fundamental approach to corporate governance

The Sanden Group strictly complies with all relevant laws and regulations based on its Corporate Philosophy, and is focused on improving corporate governance to improve the quality of its management, in areas such as fairness, transparency and efficiency. We are working to improve corporate value over the mid-term and ensure sustained growth while using rapid decision making to expand our role in society and fulfill our role as the “global excellent company” outlined in our global vision.

Employing the “company with auditors” model based on Japan’s Corporate Law, Sanden has created a corporate governance system that includes a Board of Directors, Audit & Supervisory Board Members, Audit & Supervisory Board, and Accounting Auditor. In addition, with the aim of securing the transparency and objectivity of management, Sanden has also established the Executive Nomination and Compensation Committee as an advisory committee to the Board of Directors. The term of office for directors being one year ensures management transparency and creates a system capable of responding quickly to change. Moreover, the introduction of an executive officer system streamlines management and bolsters functions related to the execution of business.

### Organization Units and System



**WEB** [Corporate Governance](https://www.sanden.co.jp/csr/disp.cgi?mode=detail&d=1&lang=en)  
https://www.sanden.co.jp/csr/disp.cgi?mode=detail&d=1&lang=en

### Corporate governance initiatives

May 2017	Announcement of Corporate Mid-Term Plan
August 2017	Establishment of Executive Nomination and Compensation Committee
2018 Feb–Apr	Fiscal 2017 evaluation of Board of Directors effectiveness
June 2018	Implementation of corporate governance code revisions

## Compliance

### Fundamental approach to compliance

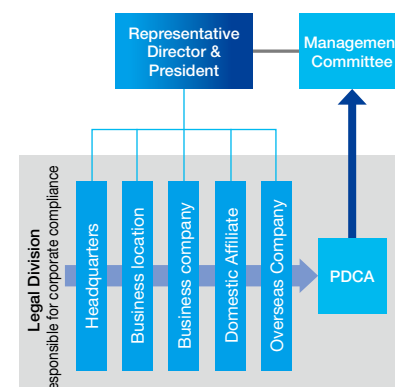
The last year saw a number of companies make the news for their corporate improprieties. This underlines the need to reaffirm the importance of compliance. Against this backdrop, the Group sought to assure profitability and improve corporate value over the mid-term through effective compliance management and strict adherence to all laws and international regulations. To ensure that all Group officers and employees practice compliance in their daily activities, we have established a code of conduct based on our corporate philosophy that all employees should follow in a socially conscious manner, and have implemented a variety of compliance-related initiatives.

The Sanden Group is promoting the strengthening of our compliance system on a global basis, placing one legal representative in Europe in fiscal 2016 and one in the China/Asia region in fiscal 2017. We began regularly scheduled information exchange meetings between Europe and our head office in May 2017. So as to better understand compliance issues in each area of operation, we launched regular meetings with our China/Asia region personnel in March 2018. We are also working to improve the speed of policy development with the establishment of a system that quickly brings important matters relating to overseas compliance to managers meetings and board of directors meetings.

We have continued to bolster our compliance system since fiscal 2011, revising the harassment prevention committee and the compliance officer meetings in fiscal 2016 and restructuring regulations, systems and the training system in fiscal 2017. In regard to regulations, we devised global compliance rules based on inspections and audits after getting a good grasp on the situation in Europe and China/Asia. We restructured our systems after a review of current conditions. Finally, in addition to establishing overseas legal representatives, management and business operators at domestic affiliates, we also conducted training targeted to each level in the organizational hierarchy.

**WEB** [Compliance](https://www.sanden.co.jp/csr/disp.cgi?mode=detail&d=2&lang=en)  
https://www.sanden.co.jp/csr/disp.cgi?mode=detail&d=2&lang=en

### Compliance system



## Third-Party Opinion

Sanden is a company focused on solving social issues. As the Sanden Group nears the 75th anniversary of the company’s founding, their report’s focus on sustainable development goals (SDGs) and ESG-based investment raises hope for new developments moving forward. Against a backdrop of population growth and the development of emerging economies, the establishment of a stable food supply system, as well as a focus of environmental and social issues is imperative to the survival of many around the world. The Company is optimizing its business portfolio and is accordingly seeing a reorganization of its strengths. One example of this is the next-generation air-conditioning system from Automotive Systems Business, which contributes not only to passenger comfort, but complies with the environmental requirements of automobile, construction equipment, and agricultural equipment manufacturers. Moreover, as the company moves toward achievement of the targets in its Fourth Mid-Term Basic Policy on the environment, it has remained focused on reducing its environmental impact and developing cold-chain technologies in Commercial Stores Systems Business, which can not only contribute to reduced food loss but advances technological and product development to help resolve some of the social issues brought up in the SDGs. The Sanden Forest also shows how positive engagement can contribute to species increases, and through this example the company shows how business can contribute to continued coexistence.

Turning to its approach to employees, Sanden is providing workplaces in which employees can work safely and with peace of mind, thus showing the company’s commitment to mental health. Sanden has also been certified as a company providing outstanding health and productivity management. The Company’s promotion of global human resources and its commitment to diversity has also been producing favorable results. In addition to focusing on the number of female managers and the number of disabled workers, strategies aimed at improving the content of work and the ability of all workers to perform to their best is producing the kind of results that can’t be expressed by numbers alone.

The sustained development of the Sanden Group requires competitive strength in parts and materials. As a company developing its business on a global scale, in order for its to promote initiatives with partner companies through G-CF Conferences as well as advance co-creation across its entire supply chain through technical support, it needs to be aware of the potential impact and sustainability of natural and human resources, as well as the stability of raw materials procurement. In other words, the shifting of environmental management to include human rights alongside the preservation of nature, which includes the goal of leaving a robust natural environment for the next generation, points to a bright future from an ESG investment perspective.

In light of current social issues, the Sanden Group is focused of supporting regional communities by realizing a grand design of sustainable production and consumption based on ethical considerations that could involve overseas locations as well. At the same time, the company is showing in a way that only Sanden could how society and business can move forward together for the next generation.



**Manami Yamaguchi,**  
Environmental specialist and representative director of FEM Co., Ltd.

Ms. Yamaguchi began her career in a research institute and then founded FEM Co., Ltd., in 2003. In addition to providing training, as well as label research and international certification related to biodiversity, CSR, the environment, and the establishment of environmentally friendly standards for supply chains and the sustainable procurement of resources, FEM provides support in a wide range of certifications with a focus on international standards that are environmentally and socially friendly. Ms. Yamaguchi serves as vice president at Japan Ethical Initiative, is a representative director at Japan Sustainable Label Association, and assists in the activities of a variety of other organizations.

### Comment on the Third-Party Opinion Regarding Sanden’s 2018 CSR Report

I would like to extend our gratitude to Ms. Manami Yamaguchi, representative director of FEM Co., Ltd., for her third-party outlook on the Sanden CSR Report for each of the past three years. We very much look forward to working with her again.

The Sanden Group in 2017 announced its Corporate Mid-Term Plan, which ends in fiscal 2020. We have provided for our readers the four key initiatives in this plan on page one of this report. We remain committed to providing to the world environmental technologies, an area of strength for the Company, and will continue use our strengths in this area to contribute to society.

Sanden celebrated the 75th anniversary of the company’s founding in 2018 and in consideration of the social issues we now face is focused on ESG investment and SDGs, with a particular emphasis on supply chain management as outlined in the third-party opinion. We will continue to strive together with society toward sustainable development, maintaining our pursuit of a grand design in CSR management based on backcasting from our outlook for the future ten and twenty years from now.



**Shinji Maruyama,**  
Corporate officer, General Manager of Administration and Human Resource Division



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