

2021

Social Responsibility & Environmental Report

Save The Earth

双信電機株式会社
SOSHIN ELECTRIC CO., LTD.

Soshin Device Co., Ltd.
Soshin Powertech Co., Ltd.
Risshin Electronics Co., Ltd.
Soshin Electronics (M)Sdn. Bhd.

Business Summary

2021 Social Responsibility & Environmental Report

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Editorial policy

This report presents the Group of Soshin Electric companies' approach to society and the environment.

【Period covered】

From April 2020 to March 2021

【Coverage】

Soshin Electric Co., Ltd.
Soshin Powertech Co., Ltd.
Soshin Device Co., Ltd.
Risshin Electronics Co., Ltd.
Soshin Electronics (M) Sdn. Bhd.

Issued in September 2021

■ Corporate Profile (As of the end of March 2021)

Company name : Soshin Electric Co., Ltd.

URL : <http://www.soshin.co.jp>

Tokyo Head Office

No. 1-1-1, Shibaura, Minato-ku, Tokyo 105-0023, Japan

Tel. 81-3-5730-4500 Fax. 81-3-5730-4504

Established in : December 1938

Incorporated in : April 1944

Capital : 3,806 million Japanese yen

(As of the end of March 2021)

Number of employees : 745 (Total)

(As of the end of March 2021)

■ Business Locations

【Sales offices in Japan】

Tokyo Head Office

Osaka office / Nagoya office / Kyushu office

【Domestic plant and R&D location】

Asama Plant / Chikuma Technical Center

【Group companies】

Soshin Powertech Co., Ltd.

Soshin Device Co., Ltd.

Risshin Electronics Co., Ltd.

Soshin Electronics (M) Sdn. Bhd.

Soshin Electronics of America Inc.

Soshin Electronics Europe GmbH

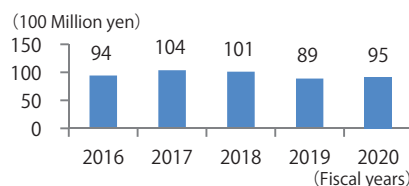
Soshin Electronics (HK) Limited

Soshin Electronics (SZ) Limited

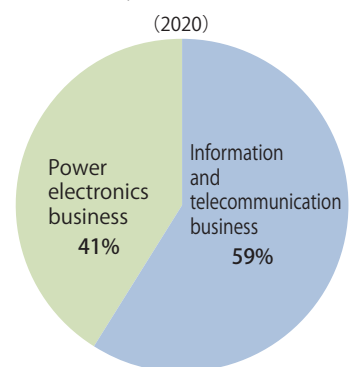
Taiwan Soshin Electric Co., Ltd.

■ Financial Highlights

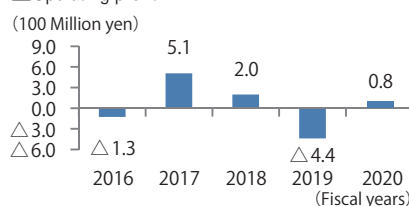
■ Sales amount



■ Sales ratio per market



■ Operating profit



Business Summary

A Message from the President



President
Takashi Kamioka

We are still in the situation where we cannot clearly see the path to the end of COVID-19, but by the time you read this report, I hope things will have got much better with vaccination, starting to prevail in full swing, as a light to show the way.

With various restrictions due to the pandemic, we have responded to the requests of the administration with such measures as implementing telecommuting in the applicable areas. We have newly noticed how lucky we had been to have "daily" lives.

Under these circumstances, however, we have been continuing business activities so that we can serve for the society. The lifestyle change has stimulated on-line activities, raising the demand for mobile phone base stations, wireless LANs and more for which we provide electronic parts. We have supplied products and made capital investment to meet the increasing demand, leading to our contribution to the social change

We have also continued to lower power usage for reducing CO₂ emissions by installing LED lighting, switching to highly efficient air conditioners and more.

Furthermore, some workplaces took a surveillance inspection of ISO45001 this year, an international standard for an occupational health and safety management system, to improve the work environment for employees. We did this to make our workplaces safe for employees to work and plan to expand this effort to all the other domestic bases next year.

Our contribution might be small for the society, but we are determined to continue our work with our best possible efforts to realize a world where future generations can live safely.

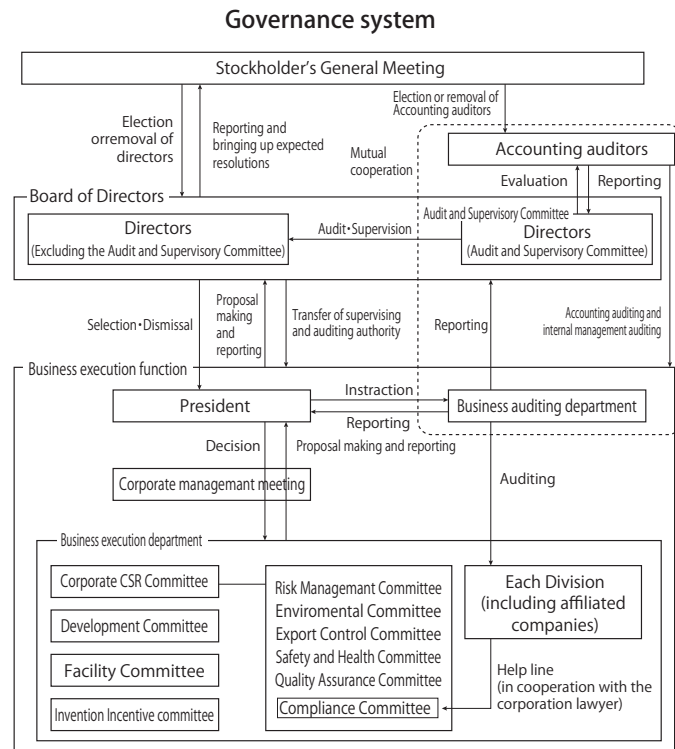
We would appreciate it very much if our stakeholders would continuously support us.

◆ Corporate Governance

Soshin Electric Group has positioned enhancement of corporate value as one of our key management issues.

We regard the enhancement of corporate governance as an important measure that raises the legality of the business activities and transparency of corporate management, leads us to become an entity trusted by every stakeholder (stockholders, customers, company employees, suppliers and relevant local communities) and is conducive to the rise of corporate value.

To make them a reality, we strive for ensured compliance with laws by identifying the responsibilities of the Board of Directors' Meeting and Auditors' Meeting such as adjustment of the management organization, improved management efficiency and enhancement of the management monitoring function. Establishment of relationship of mutual trust through ensured gaining of stockholders' privilege and equality and promoted dialogues are other matters we seek.



Business Summary

Business Domain & Related Products

To meet the needs of the times and expectations of customers in the industrial instrument and information and telecommunication equipment markets, as well as ultimately to contribute to realization of a low-carbon society, the Group of Soshin Electric companies manufactures small and high-performance products with the least amount of industrial waste in consideration of environmental impact.

【Information and communication Business】

- **For information and telecommunication infrastructures**

High-frequency components such as laminated dielectric filters and couplers support the infrastructure for the information and communication equipment market including mobile phone base stations (5G).

- **For telecommunication terminals**

Our laminated dielectric filters have been used in access points of the latest standard of Wireless LAN (Wi-Fi6).



【Power Electronics Business】

- **Noise-related fields**

Needs are growing for countermeasures against disturbance due to noises arising in fields of industries such as semiconductor manufacturing facilities and machine tools, equipment supporting our daily life such as air conditioners and elevators, and environmental facilities where load reduction on the global environment is anticipated.

Our EMC products have played a key role in many industrial fields as a solution for issues relating to noises generated in these equipment and facilities.

- **Car and railway electronics**

We propose noise filters and capacitors for EV quick chargers, etc. Railway vehicles and rail traffic control systems are other areas where a variety of our filters and capacitors work to support safety and ease.

Social Responsibility Report






About The CSR Activity

◆ Approach to SDGs (Sustainable Development Goals)

We consider it as one of our important social responsibilities to contribute to the extensive solutions of social problems through our business activities on our indexes of SDGs (Sustainable Development Goals) adopted by the United Nations.

We take actions to our possible 5 goals by materializing our offered values. And we take actions to contribute to economic growth by increasing our contributable goals while the Corporation grows.

Five Goals of SDGs Soshin Electric Group is Engaged in

	Related contents	Offered values by Soshin Electric Group
 <p>8 DECENT WORK AND ECONOMIC GROWTH</p>	Respect to humanity and securing of comfortable workplace environment	We provide decent and safety workplace to employees in order to contribute to economical growth, by adequate employment and acceptance and respect of personality and human diversity.
 <p>11 SUSTAINABLE CITIES AND COMMUNITIES</p>	Cooperation with local communities and promotion of social contribution activities	We contribute to cooperation with local communities and realization of sustainable cities and communities.
 <p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p>	Resources balance (input/output) and control of contained chemical substances	We reduce output of resources utilizing effectively energy, chemical substances and water and others necessary to business activities.
 <p>13 CLIMATE ACTION</p>	Activities of environmental preservation and approach to reduction activities of environmental loads	We contribute to preservation of environment, reduction of environmental loads and reduction of CO ₂ emissions and wastes, by strenghtening the control of contained chemical substances and preventing environment-related clames and accidents from arising.
 <p>15 LIFE ON LAND</p>	Approach to environment utilization	We contribute to forest protection and countermeasues against desertification indirectly and loss of animal deversity, by promoting 3R (Reduce, Reuse, Recycle) and attaining zero-emission.

Social Responsibility Report

Respect for Humanity and Assurance of a Comfortable Working Environment

◆ Basic employment policy

We at the Group of Soshin Electric companies have tried to ensure employment stability through the establishment of manpower plans ascertaining to mid- to long-term business development. Such efforts included planned employment of new graduates and active deployment of internal job rotation, placement of the right people with necessary ability and experience in the right job, and promotion of activities that helped employees find their jobs challenging without needing to exercise extra care.

◆ Enhancement of healthy mental state

The Group of Soshin Electric companies has arranged study sessions for acquisition of knowledge about mental disturbance, self-care and line care through consolidated services by industrial physicians, consultant physicians and health nurses to ensure employees' mental health.

Health awareness of our employees has enhanced, and the rate of those who undergo the stress check is about 100%.

In addition, training of managers, control of overtime work and strict observance of the previously established no-overtime day program have been implemented against excessively long-time work.

◆ Esteem for individuality and diversity

Our employment level of disabled people was 3.03% (as of fiscal 2020), which exceeded the legally set 2.2% minimum.

As a result of the establishment of a re-employment system for employees who have passed mandatory retirement age, flexible working arrangements, including full-time and part-time work programs, are provided to fit individuals' post-retirement plans.

◆ Realization of work-life balance

Many female employees have taken up the opportunity for pre-natal and post-partum maternity leave and infant care before returning to work. Furthermore, refreshment holiday and planned paid holiday systems are provided for employees to refresh their minds and bodies. Also, the working style has become more flexible since fiscal 2021 as the hourly paid leave system was introduced.

◆ Management training

Management training was given online for the first time. We could realize an exchange of opinions across workplaces thanks to the advantage of the online session.



◆ Improvement of compliance

Compliance training was given to all the employees by external lecturers.

The lecturers provided video training on competition laws for sales, procurement and other related staff.

Social Responsibility Report

Respect for Humanity and Assurance of a Comfortable Working Environment

◆ Health and Safety

We secure safety and health of employees and promote environmental creation of comfortable workplace, while taking positive activities of safety and health to aim at zero occupational accidents.

Our major activities include control / prevention of serious incidents and accidents such as “being caught in rotating machines, being pinched, electric shock and explosion”, as well as visualization of hidden risk factors by mutual patrol among our group companies.

Also, we extract and remove risk factors by doing a safety survey to employees and take actions for safety and health reflecting their viewpoints and opinions.

◆ Occupational Health Activities

A stress check is given during the National Industrial Health Week. We analyze the changes by location and fiscal year and utilize them for our industrial health activities to improve physical and mental health and also our internal safety and hygiene.

◆ Acquisition of ISO45001 Certification

In fiscal 2019, Asama Plant, Asama Plant Nakagomi Branch and Chikuma Technical Center obtained occupational health and safety management system ISO45001 certification and now all Soshin Electric Group's domestic bases are preparing to be certified in fiscal 2021.



Disaster Prevention Training (Chikuma Technical Center)



Company-wide Safety Training in fiscal 2021



ISO45001 : 2018 certificate

Social Responsibility Report

Cooperation with Local Communities and Promotion of Social Action programs

◆ Participation in Blood Donation Campaigns

We participated in blood donation campaigns at Tokyo Head Office, Asama Plant and Chikuma Technical Center.



◆ Greeting Campaign

We joined a greeting campaign at Yamanokuchi Area, where Soshin Powertech exists.



◆ Adopt System Environmental Beautification Campaign

We planted flowers donated through Nagano Prefecture Adopt System in planters at Chikuma Technical Center and put them on sidewalks near the factory.



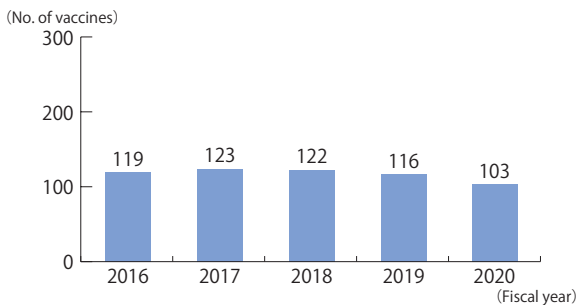
◆ Beautification Campaign around Factory

Soshin Device conducted trash pick-ups around the factory and contributed to a beautification campaign.



◆ Eco-cap campaign

Collected eco-caps were sold for recycling. Revenue was distributed to various social activities. In fiscal 2020, the total revenue was worth 103 vaccines.



Each plant conducts cleanup and beautification activities around it twice a year.

Environmental Report

Environmental Management System

Environmental policy of the Group of Soshin Electric companies

1. Compliance with legislation, pacts, agreements with customers and voluntary standards
2. Identification of environmental objectives and organized continuous promotion of activities with local communities to reduce environmental loads
3. Development, design, production and marketing of environmentally-friendly products
4. Implementation of preventive measures and monitoring of environmental pollution
5. Continuous encouragement of education, training and enlightenment activities to raise awareness of the roles and responsibilities of employees, as well as all other people involved in our business activities

◆ System of promoting environmental preservation activities

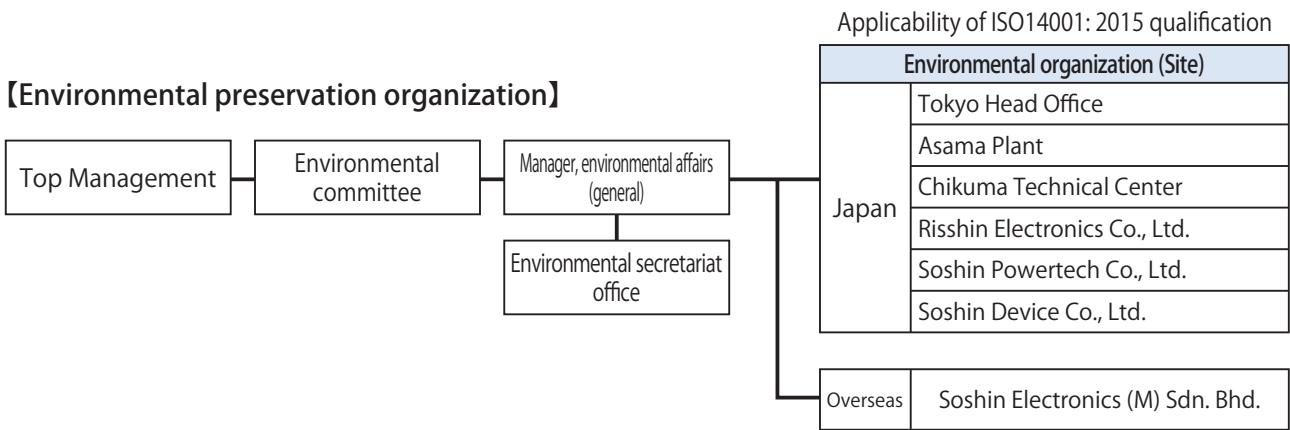
Decisions on policies and tactics of the Group of Soshin Electric companies regarding environmental preservation will be made by the "Environmental Committee" which the Director responsible for environmental matters chairs. The policies and tactics decided will be put in action across the company via factory managers, the location manager and the managers responsible for environmental matters for each site.

Activities for which the environmental organization is responsible include a monthly environmental meeting, as well as the Environmental Committee held semi-annually. These meetings are to control the progress toward the targeted amounts of CO₂ emissions and industrial waste discharged, exchange information on the environment and continue the promotion of the environment preservation activities.

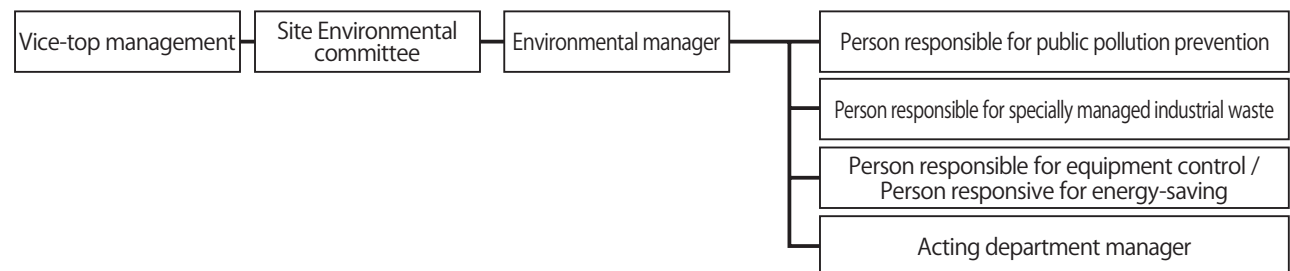
◆ Qualification for ISO14001 and environmental audits

Soshin Electric Group has acquired the authentication of International Standards of ISO14001 (2015 version).

Our environmental audit is comprised of audits conducted by an external qualifying organization, environmental assessments by our environment control department and internal environmental audits by the execution department. (The number of internal environmental auditors:241)



【Site-specific environmental preservation organization】



Environmental Report

Outline of Environmental Preservation Activities

We, the Group of Soshin Electric companies, have been trying autonomously to preserve the environment by setting environmental objectives and targets to accomplish the objectives.

◆ Activity report for 2020 and targets for 2021 【CO₂ emission amount】

The CO₂ emission target wasn't achieved as part of 2020 environment load reduction activities. We will gradually shift to energy saving facilities to reduce CO₂ in 2021.

Action will continue for productivity improvement, efforts to reduce losses and loads of facility operations and elimination of wastes through energy-saving patrol.

【Amount of discharged industrial wastes】

We attained the goal of 2020 amount of discharged industrial wastes.

In fiscal 2021 we will try to improve the raw material recovery rate and further reduce such wastes.

【Enhanced control of contained chemical substances】

As target substances increase yearly in RoHS Directive and REACH and TSCA Regulations, restriction and control of substances useable for products are getting stricter.

We control such chemical substances in line with the latest regulations based on the Soshin Electric Co. Green Procurement Guidelines. To control chemical substances contained in product component parts, we audit suppliers for their environmental quality to ensure adherence to the Green Procurement activity.

【Environmental complaints and incidents】

In fiscal 2020, we had no complaints or incidents related to environmental matters. We will continue our activities for local environment preservation to prevent any environmental matter-related complaints or incidents from happening in fiscal 2021.

◆ Main environmental preservation activities

Items	Achievements in 2020			Targets for 2021
	Targets	Achievements	Self-evaluations	
Environmental management system (ISO14001)	<ul style="list-style-type: none"> We will continue environmental education and enlightenment activities. We utilized positively 2015 Environment Management System and raised the levels of each department and internal environment auditors. We will comply with the environmental legislations. 	<ul style="list-style-type: none"> The environmental policy was disseminated and environmental educations of environmental targets were provided. We applied to the certification of 2015 Environment Management System and confirmed no problem in the utilization. Furthermore, we provided educations to internal environment auditors, raised their levels and increased them in number. We reviewed a list of environmental legislation and regulations to ensure that our environmental assessment covered every item. 	○	<ul style="list-style-type: none"> We will continue to provide environmental education and to take enlightenment activities. Our whole domestic group will ensure the operation of the 2015 Environmental Management System and work for the integrated certification with the ISO45001 Management System. We will continue to comply with regulations of environment and safety and health laws.
Prevention of global warming	<ul style="list-style-type: none"> We will reduce domestic CO₂ emissions to a maximum of 6,915t. (With the CO₂ emission amount divided by sales amount no greater than 84.6t/100 million yen) 	<ul style="list-style-type: none"> Domestic CO₂ emissions were 6,931 tons, compared to the target value of 6,915 tons, and the target value could not be achieved. (Regarding CO₂ basic unit emissions, we were unable to achieve the target of 88.5 tons / 100 million yen due to fluctuations in production volume..) 	△	<ul style="list-style-type: none"> We will keep the domestic CO₂ emissions at 7,173t, max. (with the CO₂ emission amount divided by sales amount maintained no greater than 82.1t/100 million yen).
Waste management activities	<ul style="list-style-type: none"> We will keep the amount of discharged wastes at no greater than 296t. 	<ul style="list-style-type: none"> Emission volume of industrial wastes was 220t against the goal of 296t. The goal was attained. 	○	<ul style="list-style-type: none"> We will keep the amount of discharged wastes at no greater than 224t.
Adequate control of chemicals	<ul style="list-style-type: none"> We continue to inspect foreign procured goods for acceptance with fluorescence X-ray analyzers and to survey the environmental quality of suppliers for compliance with the Green Procurement Guidelines. 	<ul style="list-style-type: none"> There have been no abnormalities with goods procured from overseas sources, nor were any irregularities found in the quality of goods from these sources. Thus, we complied with the Green Procurement Guidelines. 	○	<ul style="list-style-type: none"> We will continue to inspect goods procured from overseas sources with an X-ray fluorescence spectrometer, survey such sources' environmental quality and comply with the Green Procurement Guidelines.
Reduction of hazardous chemicals	<ul style="list-style-type: none"> We will reduce hazardous substances including PCB/lead. 	<ul style="list-style-type: none"> We will promote the disposal of equipment containing PCB within the time limit. 	○	<ul style="list-style-type: none"> We will promote trend monitoring and material changes in the RoHS Directive. We will continue searching for PCB equipment, follow a due process, and conduct disposal by the deadline.

Environmental Report

Environmental Accounting

◆ Environment preservation costs and economical effects resulting from environment preservation measures

Soshin Electric Group uses environmental accounting to grasp quantitatively the expenditures for environmental conservation and its effects on improvement.

In the fiscal 2020 environmental conservation cost at Soshin Electric Group, 31.88 million yen was disbursed in total by changing to energy-saving facilities such as installing air conditioners and replacing corporate cars.

Their positive effects will be checked from next year onward.

The environmental conservation cost was 19.63 million yen, a decrease of 3.51 million yen from the previous year.

The improvement effect amount in fiscal 2020 totaled 2 million yen.

Total of actual achievement: in fiscal 2020 (Apr. 1, 2020 to Mar. 31, 2021)

*Generated in observance of the guidelines prepared by the Ministry of the Environment

Unit: 10,000 yen

Categories	Major measures	Environmental protection costs				Improvement effect amount	
		Investment amounts		Expenses		Fiscal 2019	Fiscal 2020
		Fiscal 2019	Fiscal 2020	Fiscal 2019	Fiscal 2020		
Pollution prevention	Costs for pollution prevention	0	0	187	304	-	-
Global environmental preservation	Costs for CO ₂ reduction such as introduction of energy saving equipment	7,508	3,188	92	115	476	200
Resource recycling	Costs for effective use of resources, including water saving, and reduction, recycling, processing and disposition of wastes	0	0	1,209	977	-	-
Upstream / downstream	Costs for controlling environmental burdens that arise in the business upstream and downstream	0	0	0	0	-	-
Administration	Costs for environment preservation efforts such as acquisition and maintenance of ISO14001 qualification, provision of environmental education and monitoring environmental impact	0	0	416	480	-	-
R&D	Costs for R&D and planning of environmental impact reduction efforts and for R&D and study of product contributing to environment preservation	0	0	0	0	-	-
Social activities	Costs for preservation of nature, greening and support for the local environment, public announcements of environmental information and advertisements for environmental matters	0	0	410	87	-	-
Environmental remediation	Costs for improvement of contaminated soils and recovery of destroyed nature	0	0	0	0	-	-
Total		7,508	3,188	2,314	1,963	476	200

Environmental Report

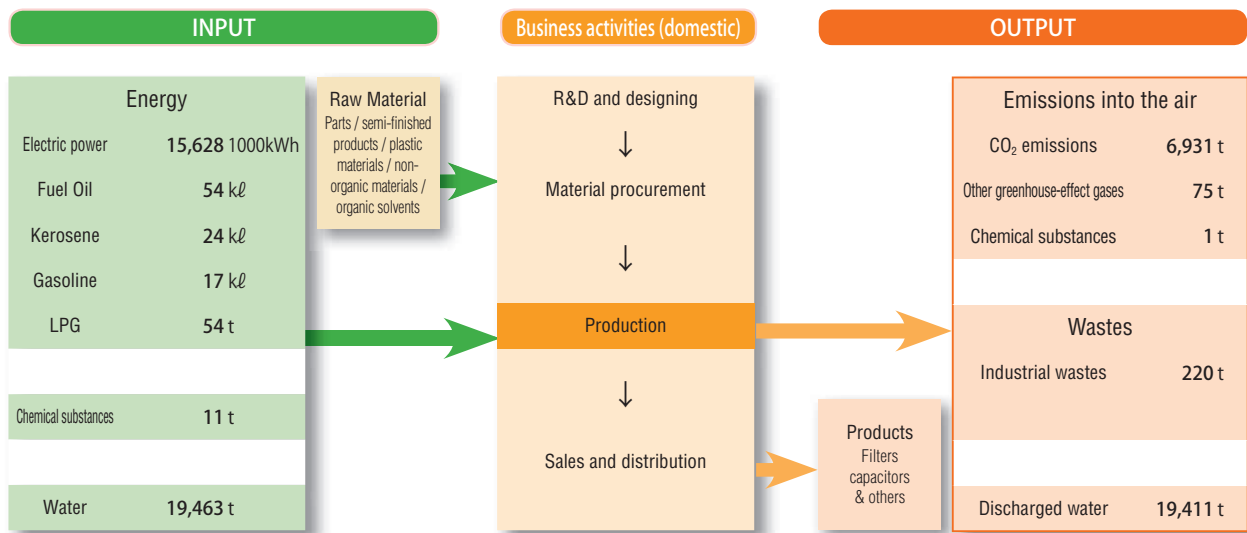
Mass Balance (Inputs and outputs)

This section describes resources and energy inputs for domestic business activities, and products, wastes and other discharged items (outputs) that resulted from domestic business activities of the Group of Soshin Electric companies in fiscal 2020.

◆ Outline of inputs and outputs

Inputs comprise parts, raw materials, energy, chemical substances and water necessary for business activities while output comprise product, CO₂ emissions, water and wastes developed incidentally to production activities.

The Group of Soshin Electric companies strives to reduce as much as possible inputs from the aspects of energy saving to prevent the exhaustion of natural resources. This is an attempt to reduce outputs other than products.



Management of Contained Chemical Substances

◆ Survey of contained chemical substances

We survey the contained chemical substances at the stage of part selection from the viewpoint of part life-cycling, in order to respond to the customers's request to survey the contained chemical substances.

◆ Analysis with an X-ray fluorescence spectrometer

Parts and materials that possibly contain prohibited substances will be subjected to screening with an X-ray fluorescence spectrometer to confirm that they are free from prohibited substances.

◆ Green procurement

The Group of Soshin Electric companies has proceeded with procurement of parts and materials with the minimum possible environmental impact by conducting a survey of suppliers' environmental quality and making sure that chemical substances were handled adequately.

Requests have been made to suppliers asking them to take necessary action to meet the requirements in the Soshin Electric Group Green Procurement Guidelines.

Environmental Report

Approach to Reduction of Environmental Loads

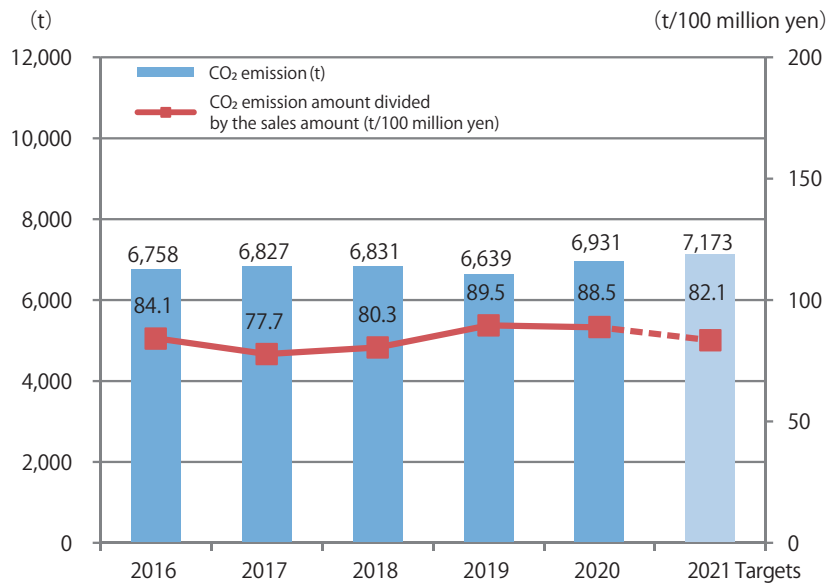
To prevent global warming, we have been taking such measures as the exchange of decrepit equipment and LED introduction to reduce CO₂ emissions.

Domestic CO₂ emissions in fiscal 2020 were 6,931t due to a sales recovery of noise-related products and thick-film PCBs, while CO₂ emissions divided by the sales amount were 88.5t/100 million yen. Overseas CO₂ emission in fiscal 2020 registered 619t and the CO₂ emission amount divided by the sales amount was 54.6t/100 million yen.

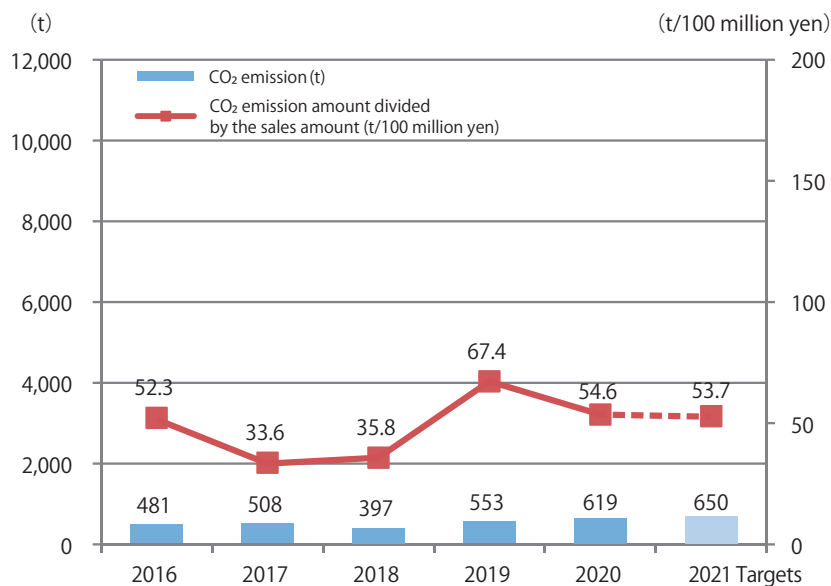
Our target for CO₂ emissions for fiscal 2021 is no greater than 7,173t (with the CO₂ emission amount divided by the sales amount of 82.1t/100 million yen).

◆ CO₂ emissions

【Transition of CO₂ emissions (Japan)】



【Transition of CO₂ emissions (Overseas)】



Environmental Report

Examples of energy-saving measures

◆ Partial Renovation of Soshin Powertech Factory

Lighting was changed to LED. (Annual CO₂ reduction of about 41%)

Before replacement Fluorescent Lamps



After replacement LED



◆ Replacement of Air Conditioners

Replacement was made with highly efficient air conditioners. (Annual CO₂ reduction of about 20%)

Before replacement Air conditioners of electric package type



After replacement Air conditioners of electric package type



Environmental Report

Approach to Resource Utilization

◆Waste disposal

◆ For preservation of the environment, the Group of Soshin Electric companies considers it imperative to make our society recycling-oriented. For this, we will promote “reduce”, “reuse” and “recycle” (3Rs) regarding the waste discharged as a result of business activities as resources.

Of 220.4t discharged in fiscal 2020, 116.3t was reused and 104.1t recycled with zero emissions continuing. Our target for the total discharge amount in fiscal 2021 is 224.4t, max.

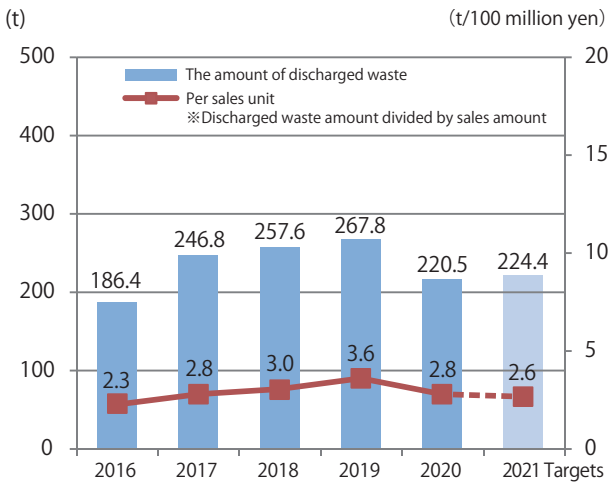
(*Our definition of zero-emission: Activities to make the final landfill amount per unit sales amount no greater than 0.12 tons / 100 million yen)

◆ We use no providers of waste disposal services other than those that have earned administrative approval so that disposal services will be provided in compliance with relevant laws. Our control includes issuance of manifests (for control of industrial waste) and retention of disposal records.

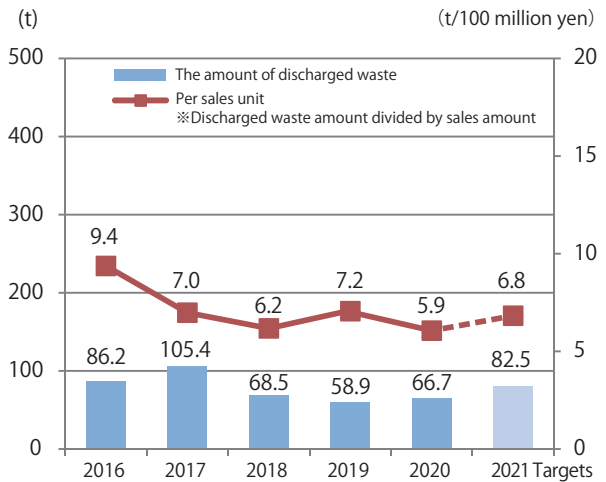
Manifests were electronized at every site in this fiscal year.

◆The amount of discharged waste

【Transition of waste disposed by domestic sites】



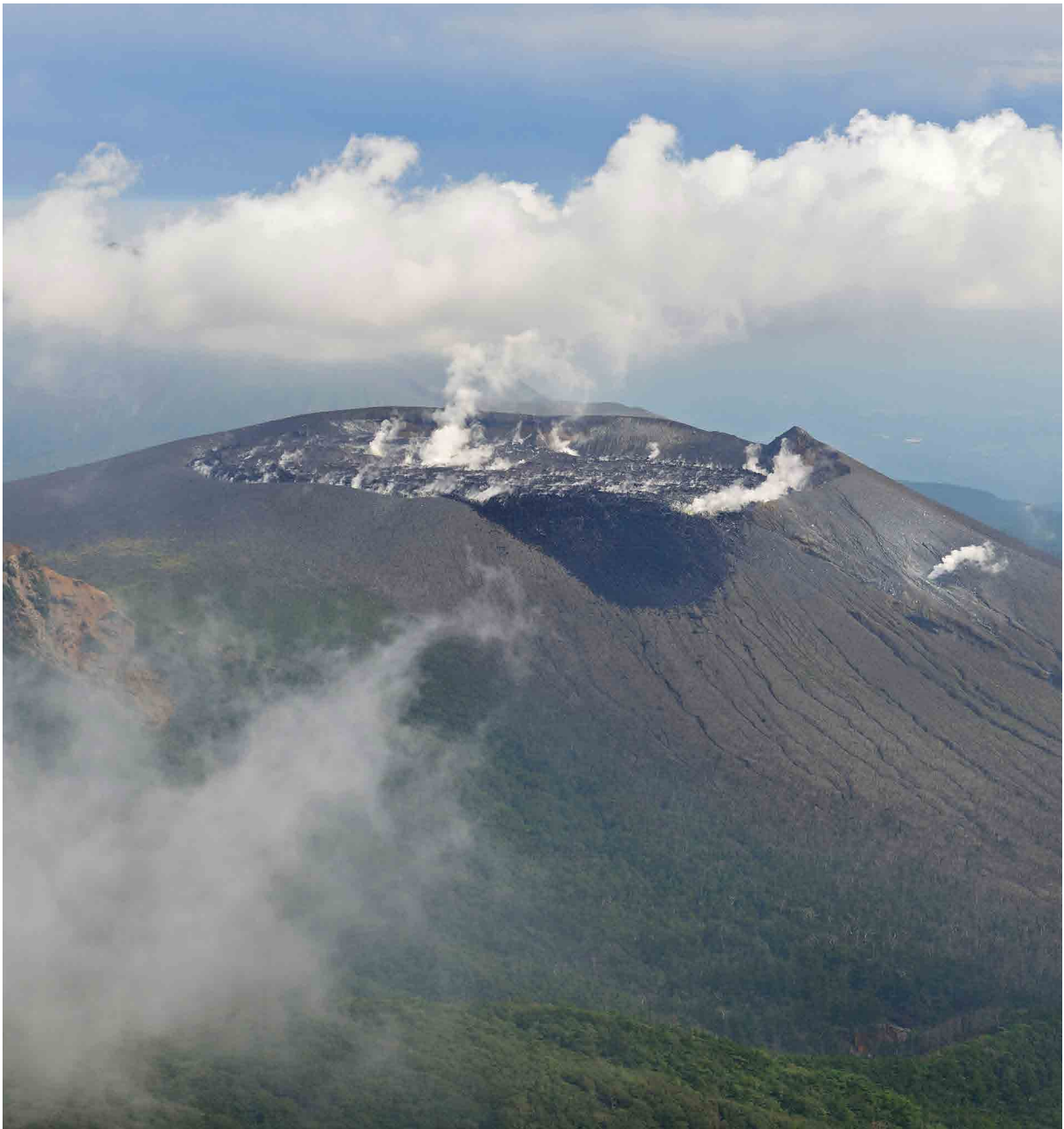
【Transition of waste disposed by overseas site】



◆ For disposal service providers and valuables traders, their services were confirmed adequate through periodic visits to their disposal and storage sites. When the COVID-19 pandemic made physical check difficult, remote and documentary inspections were conducted.



inspection scene of an industrial waste disposal service provider



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Social Responsibility &
Environmental Report



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