



ENVIRONMENTAL  
REPORT 2020



**SURUGA Production Platform Co., Ltd.**  
a MISUMI Group Company

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# Greetings

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To realize the sustainable development of society, we need to take measures against global warming and conserve biodiversity. To solve the important environmental issues mentioned above, humankind must assimilate wisdom and work diligently.

In 2015, the United Nations adopted “Agenda 2030 for Sustainable Development” which are important guidelines for the international community to realize sustainable development, setting 17 goals for “Sustainable Development Goals (SDGs)”.

Suruga Production Platform’s company slogan is “coexistence of technology and ecology”, promoting product development and production activities with low environmental impact.

This fiscal year, to promote actionable environmental improvement activities, the function of the “Environmental Management System” was strengthened and effectively operated through the Environmental Committee.

Also, as an important site driving the global production and supply network, as well as conveying environmental technologies from the headquarter to overseas sites, as the EMS intended for the entire MISUMI Group, strove to enhance risk management and legal compliance.

As a company that carries out manufacturing globally- in Japan, China, and Asia, we are mindful of our social responsibilities and actively contribute to the realization of a sustainable society. We’d like to ask our stakeholders to continue supporting our business going forward. Thank you.

**Takumi Toya, Representative Corporate Officer & President**

# Business description



FA (Factory Automation), where the success or failure of its adoption is directly linked to every factory's competitiveness. In automated parts manufacturing, we develop and manufacture various parts that support such production lines. Main products are so-called mechanical parts used in, for example, semiconductor wafer transfer processes and movable parts of industrial robots. We possess extremely advanced technology relating to linear motion systems such as linear guides and linear bushes.



In 'press' manufacturing, we develop, and manufacture die and mold-related parts used in metal forming by press machines. A wide variety of products are handled such as punch & die guides and springs. Among them, we boast a top-class market share in Japan on punch and die (standardized products), which is the part that molds the metal. The manufacturing of press die-related products has comprised a major part of the business since 1966, two years after the establishment of Suruga Seiki Co., Ltd. It is the foundation of our company's core competence which is "precision processing technology". Currently, in addition to processing technologies such as cutting, grinding, and polishing, we are striving to improve all business processes, such as product development, design, and quality control, and are working to acquire total technical capabilities that no other company can imitate.



The OST (Optical & Scientific Technology) manufacturing business is based on the precision processing technology that the Suruga Production Platform Co., Ltd. cultivated over the last 20 years and is competitive in the growing industries of mobile phones, medical equipment, communication equipment, and imaging equipment, continuing to supply highly competitive products. In particular, the "positioning stage," which is indispensable for position adjustment during the processing of products and parts, boasts top market share in Japan and continues to grow mainly in Europe, the United States, and Asia. From high-precision parts for the R & D market of public research institutions and major electronic equipment manufacturers to precision positioning units for the production market, as well as measurement and inspection devices that make full use of optical technology, to a solution business that systematizes products, which are being rolled out globally.

# Environmental policy

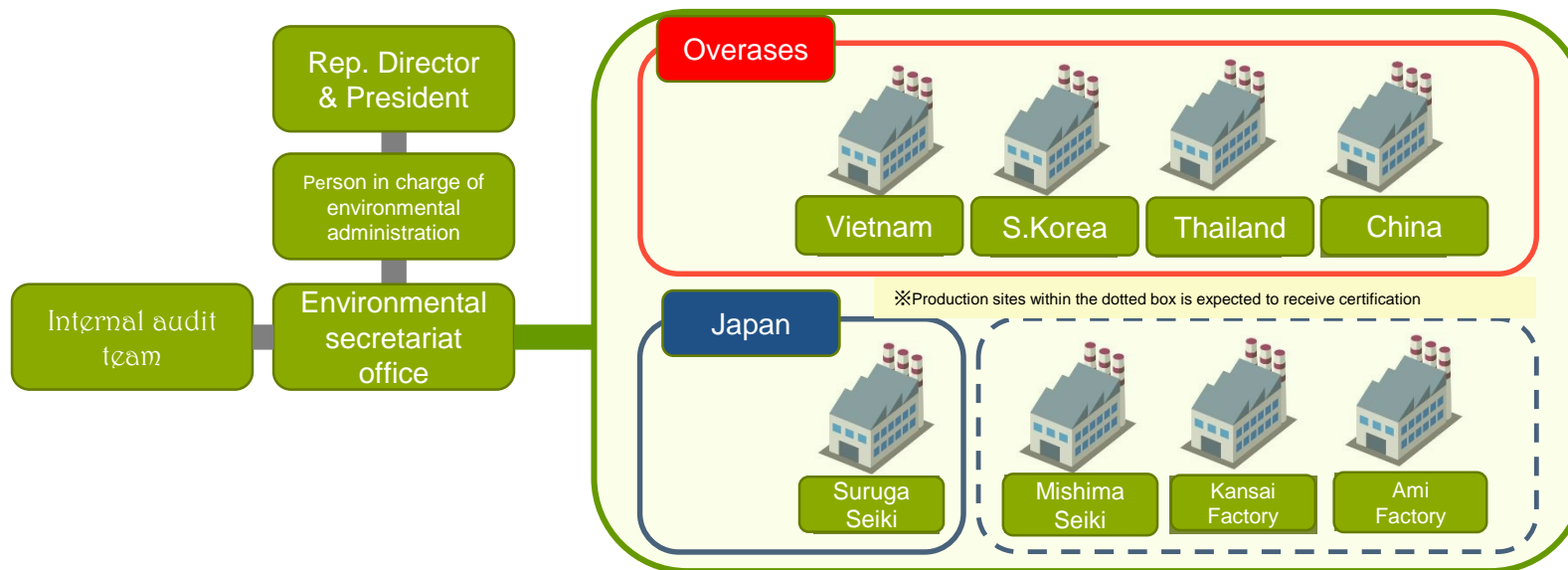
Suruga Production Platform provides environmental education to stakeholders under the slogan "Coexistence of Technology and Ecology" and complies with environmental laws and regulations and other requirements agreed by the Suruga Production Platform. We have set up voluntary guidelines for the following six items and will work to further protect the environment to reduce environmental impact. In addition, we periodically conduct environmental impact assessments, set environmental objectives and targets, and continuously improve our environmental management system. The environmental policy is open to the public.

## Environmental action policy

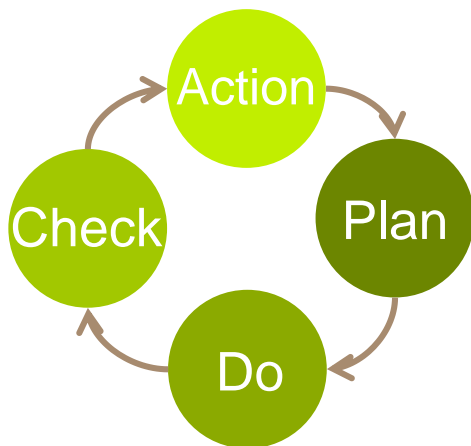
1. Product development and production activities with low environmental impact
2. Compliance with environmental laws and regulations and other requirements
3. Proper management and use of hazardous chemicals
4. Prevention of environmental pollution
  - 1) Leakage of oils and harmful substances
  - 2) Leakage of noise from the site boundary
5. Improvement of waste recycling rate
6. Promotion of energy saving

# Environmental management

## Environmental administrative structure



## Environmental PDCA



### Plan

- Environmental aspects
- Legal and other requirements

### Do

- Operation management
- Emergency preparation and response
- Communication
- Competence, education training and awareness

### Check

- Monitoring & Measuring
- Compliance evaluation
- Internal audit
- Management review

### Act

- Corrective and preventive actions
- Horizontal deployment of improvement items

## ISO14001 Certification



The Suruga Production Platform Co., Ltd. has been re-certified for the Environmental Management System ISO14001's approval was given on October 29, 2019, for Head office and overseas factories. This was based on recertification of initial approval given in 2015.

※ On August 28th and October 12th, 2020, maintenance examination was carried out for the Environmental Management System

## Environmental education

Qualified persons	No. of holders (Previous year's number)	Qualified persons	No. of holders (Previous year's number)
Certified hazardous materials manager	32 (33)	Specially Managed Industrial Waste Management Officer	1 (1)
Chief organic solvent worker	19 (17)	Class I work environment measurer (organic)	1 (1)
Type 1 hygiene manager	15 (8)	Pollution control manager (noise / vibration)	2 (1)
Chief X-ray operator	1 (1)	Pollution control manager (air / water quality)	1 (1)
Operations chief of use of class-1 pressure vessel	2 (3)	Poisonous substance handling manager	2 (1)
Operations chief of specified chemical substances	8 (8)	Energy administrator	1 (1)

# Environmental objectives/ targets and performance (FY19)

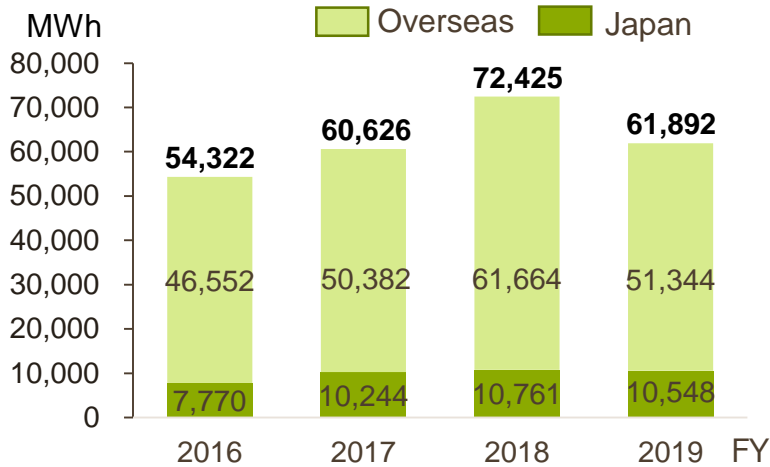
No.	Content item	Environmental targets	Performance
1	Power consumption (Basic unit)	Japan 0.45 MWh/ under 1 million yen	4% increase YoY
		Overseas 100% (Number of sites that achieved target / Number of sites)	Target achievement 80%
2	Waste emissions (Basic unit)	Japan 45.40 Kg/ under 1 million yen	4% reduction YoY
		Overseas 100% (Number of sites that achieved target / Number of sites)	Target achievement 80%
3	Recycling ratio	Over 81.6%	Maintained recycling ratio of over 70%
4	Number of noise complaints	0	No complaints from nearby area
5	Number of leak accidents	0	No leak accidents



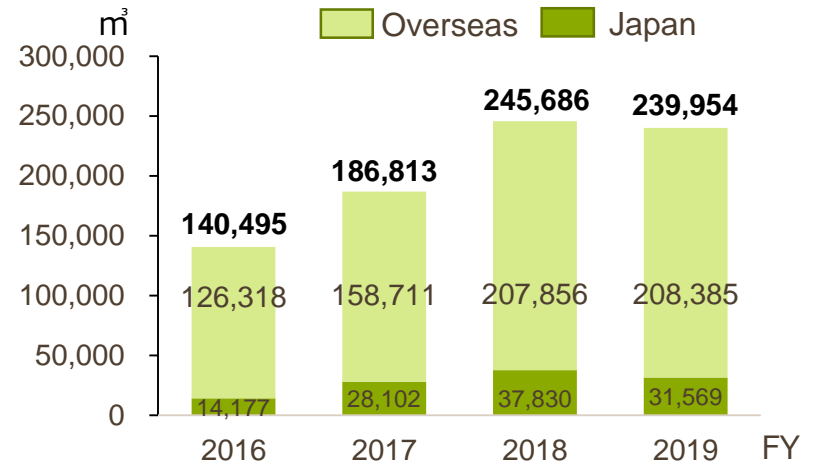
# Environmental impact associated with business activities

## INPUT

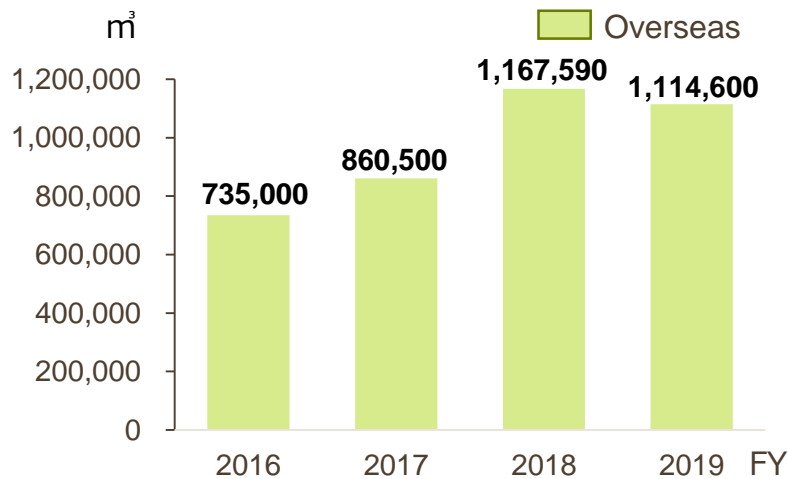
### Electricity usage volume



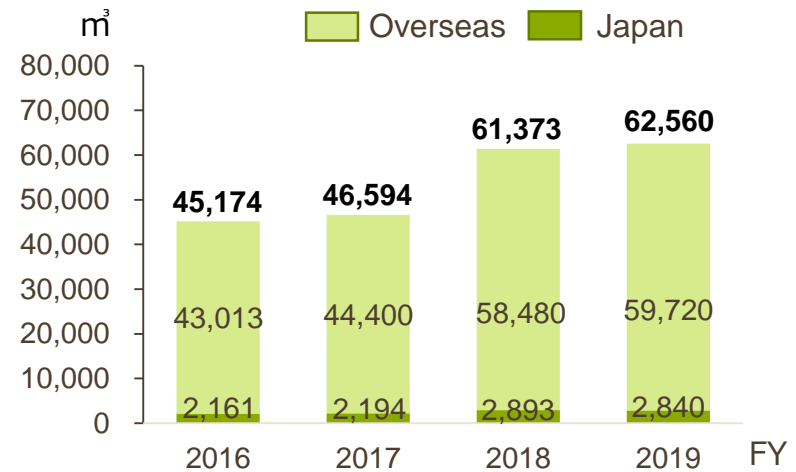
### Water usage volume



### LNG usage volume

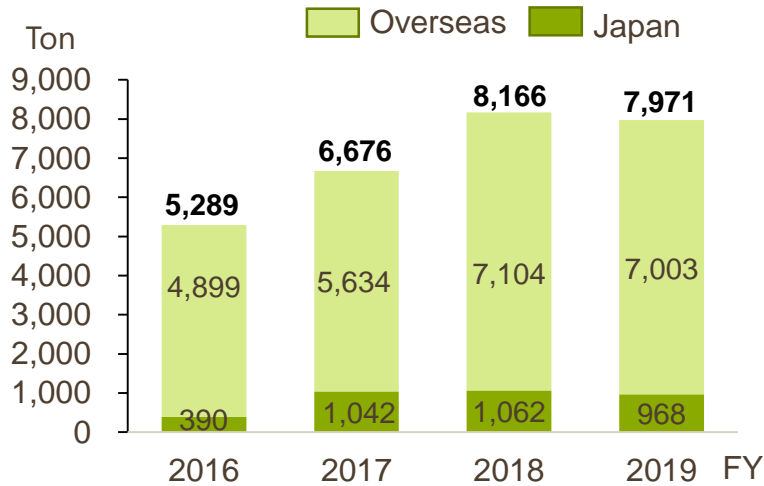


### LPG usage volume

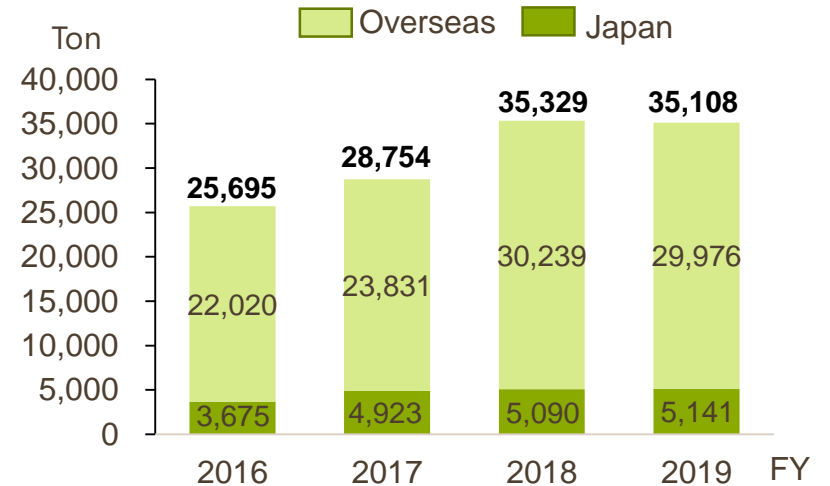


# OUTPUT

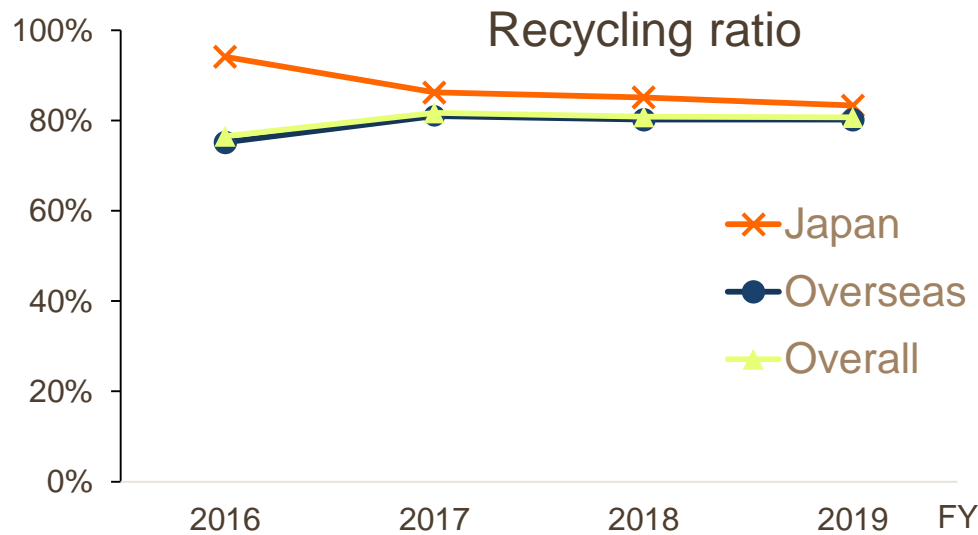
## Waste volume



## CO2 emission volume



# Recycling performance



# Initiatives for environmental activities

## Reduction of waste emissions



To promote recycling, waste is properly separated, and the company-wide recycling rate is maintained at over 80%. We are also working on introducing new equipment and making process improvements to reduce the loss from defects that occur during the manufacturing process.

## Reduced man-hours by introducing automatic machinery developed in-house

By introducing a dedicated machinery developed in-house, work processes are consolidated, and work automation is realized.

Lowering the energy consumption during the entire process led to the realization of environmentally friendly production.

## Promoting paperless by introducing mobile tablets

We are striving towards a paperless work environment through the digitalization of data through the introduction of mobile tablets. We expect to reduce waste and improve business operations by reducing the number of documents and halving the document volume by going paperless.



## Compliance with the RoHS Directive / Green Procurement

To comply with the RoHS Directive and green procurement, we examine restrictions and banned substances of materials and parts for each business segment and promote substitutions accordingly. For example, precision positioning stages are being adapted by replacing brass components with low-cadmium materials. We are planning to sell compliant products one after another, along with special order products. In addition, in terms of our corporate activities, we recognize that global environmental preservation is of the utmost importance for the earth and will act with sincerity to protect and improve the global environment.

# Company Profile

**Company outline** As of March end 2020

**Business description** Automation parts related business, precision mold parts related business, optical related equipment related business

**Head Office** 505 Nanatsushinya, Shimizu-ku, Shizuoka City, Shizuoka (prefecture) 424-8566, Japan

**Tel** 054-344-0311 (Main)

**Fax** 054-346-1053

**URL** <https://www.suruga-g.co.jp/en/index.html>

**Founded** May 8, 1964

**Representative** Takumi Toya, Representative Corporate Officer & President

**Capital** 491 million yen

**Number of employees** 5,424 (Including 882 domestic employees)

**Main customers** MISUMI Corporation / Suruga Seiki Co., Ltd./ others

**Bank** Mizuho Bank, Shimizu Branch



Suruga Production Platform carries out its businesses based on “precision processing technology” that requires micron-level accuracy. Main businesses comprise the following: press die parts manufacturing businesses, which handles punch and die parts and boasts a top market share in Japan. Also, Mold die parts manufacturing business, Automation parts manufacturing business, and Optical related equipment manufacturing business.

In each of our business segments, the mission is to stay “one step ahead of the cutting edge”, to support industries and technologies at the forefront. We are also focusing on global expansion and currently have offices in Vietnam, South Korea, China, Thailand, and India. Going forward, we will continue to pursue “continuous innovation” in all aspects of general affairs, human resources, finance, and information systems, as well as development and production technologies; aiming for higher quality management.