

# Sumitomo Wiring Systems Group

We set the “Sumitomo Business Spirit” and “Sumitomo Wiring Systems Group Basic Principles” as our basic principles and actualize them by acting in accordance with the “Sumitomo Wiring Systems Group Charter of Corporate Behavior” and “SWS WAY.”

## Basic Principles

### ▮ The Sumitomo Business Spirit

The origin of the Sumitomo Business Spirit dates back to “Monjuin Shiigaki” (the Aphorisms of Monjuin), which was written by Masatomo Sumitomo, the first-generation head of the House of Sumitomo. This corporate spirit has been handed down as the family motto throughout Sumitomo’s history. The SWS Group also positions the Sumitomo Business Spirit as its top business philosophy.

Article 1 states that Sumitomo’s business should be based first and foremost on the valuing of trust.

The first part of Article 2 clarifies that Sumitomo should pursue profit by responding quickly and appropriately to changes in society. It also emphasizes the importance of a positive, progressive spirit in continuous decision making on the adoption or abolition of business projects, without being complacent about business conditions. The latter part of the article, however, strongly admonishes us against acting rashly and carelessly in pursuit of easy gains, which refer to short-term, immediate profit and unfair profit obtained by unethical means.

### ▮ Sumitomo Wiring Systems Group Basic Principles

By our slogan “Connect with the Best,” we also mean to make all the connections surrounding us, along with the connecting roles that our products play, prevail over our competition in the best way. Sharing the basic principles as our common view, we will perform business with strong will and enthusiasm.

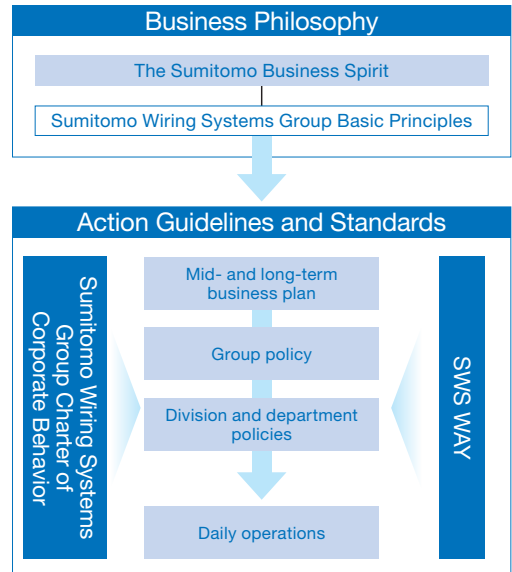
### ▮ Sumitomo Wiring Systems Group Charter of Corporate Behavior

Established in 2006, the Sumitomo Wiring Systems Group Charter of Corporate Behavior defines the codes of conduct and guidelines for executives and employees to align them with the Sumitomo Business Spirit and Sumitomo Wiring Systems Group Basic Principles, toward creating a corporate group that is highly trusted by global society and stakeholders. The charter has been translated into seven languages and is shared by SWS Group employees worldwide.

### ▮ SWS WAY

To propel our operations toward the same goal as our businesses expand across the globe, the SWS WAY was formulated in 2005. These action principles ensure that the “DNA” of our concept of work, as well as the approach and attitude to work handed down through our history, is shared with all SWS Group employees. The eight-page SWS WAY booklet, covering a broad range of topics in seven chapters comprising 30 sections, has been translated into 24 languages and distributed to the employees.

All employees will strive to deepen their understanding of its content, which encourages daily discussion about operations in regard to adherence to the SWS WAY. Moreover, it is open to different perspectives and therefore allows for the addition of new key aspects so that it can evolve.



### ▮ The Sumitomo Business Spirit

#### Article 1

Sumitomo shall achieve prosperity based on solid foundation by placing prime importance on integrity and sound management in the conduct of its business.

#### Article 2

Sumitomo’s business interest must always be in harmony with public interest; Sumitomo shall adapt to good times and bad times but will not pursue immoral business.

### ▮ Sumitomo Wiring Systems Group Basic Principles

In the spirit of “Connect with the Best,” we at the SWS Group are committed to:

- Contributing to the global community through business success;
- Realizing customer satisfaction through high-standard service;
- Developing the prospective future through creation and innovation;
- Preserving corporate ethics based on integrity and trust; and
- Respecting individuality and nurturing a vigorous and prosperous corporate culture.

### ▮ Sumitomo Wiring Systems Group Charter of Corporate Behavior

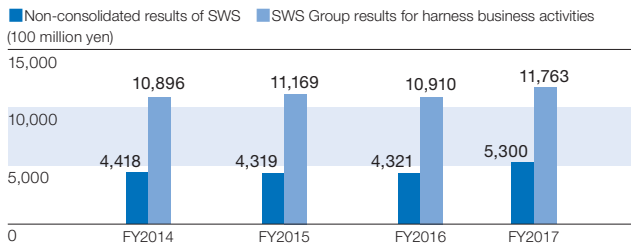
1. Provision of excellent products and services
2. Development of new, original business and products
3. Global business expansion, and growth and development of the Group
4. Consideration for global environment
5. Observance of laws and regulations
6. Fair and appropriate business activities
7. Action with awareness as members of society
8. Harmony with international society
9. Establishment of pleasant working environment and cultivation of personnel
10. Appropriate information disclosure and promotion of communication

## Company Overview

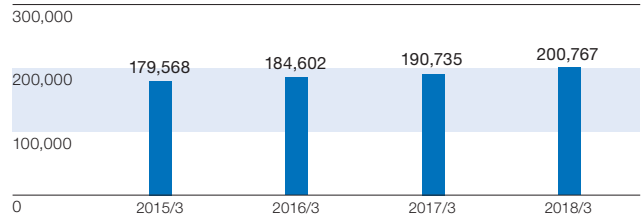
Sumitomo Wiring Systems was established as an electric wire manufacturer in 1917 during the foundation period for industries in Japan. With the advancement of the motorization in Japan following World War II, we started producing wiring harnesses and parts for automobiles. Since then SWS has focused on rationalizing wiring harness production while implementing quality assurance and reducing costs. We have now become a top wiring harness supplier in Japan and across the world, and we will continue to advance as a world-class partner for automotive manufacturers.

Company Name: Sumitomo Wiring Systems, Ltd.  
 Established: December 1917  
 President: Fumiyoshi Kawai  
 Capital: 20,042 million yen (as of March 31, 2017)  
 Head Office: 5-28 Hamada-cho, Yokkaichi, Mie Prefecture, Japan  
 Affiliates: 13 in Japan, 101 overseas  
 Employees: 12,987 in Japan, 187,780 overseas  
 200,767 in total (as of March 31, 2017)

### Sales



### Number of Employees Worldwide



## Global Business Development

### Head Office (Yokkaichi)

5-28 Hamada-cho, Yokkaichi,  
 Mie 510-8528  
 TEL: 81-59-354-6200  
 FAX: 81-59-354-6318

### Head Office (Tokyo)

Akasaka Center Building 11th Floor,  
 1-3-13 Motoakasaka, Minato-ku,  
 Tokyo 107-0051  
 TEL: 81-3-6384-5600  
 FAX: 81-3-6384-5601

### Japan

13 corporations  
 ● Sales Offices/Branches  
 ▲ Production Facilities/Offices/Centers  
 ◆ SWS Group/Affiliates

### China

29 corporations

### Americas

11 corporations

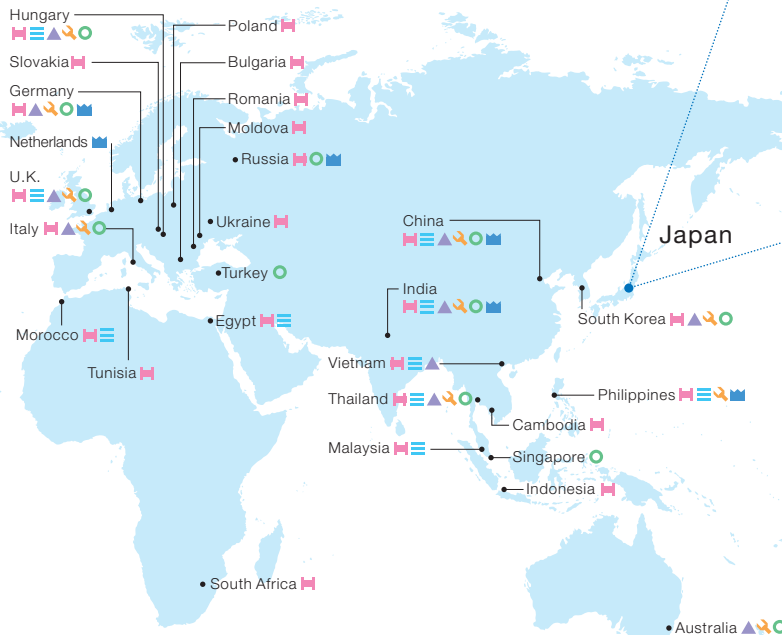
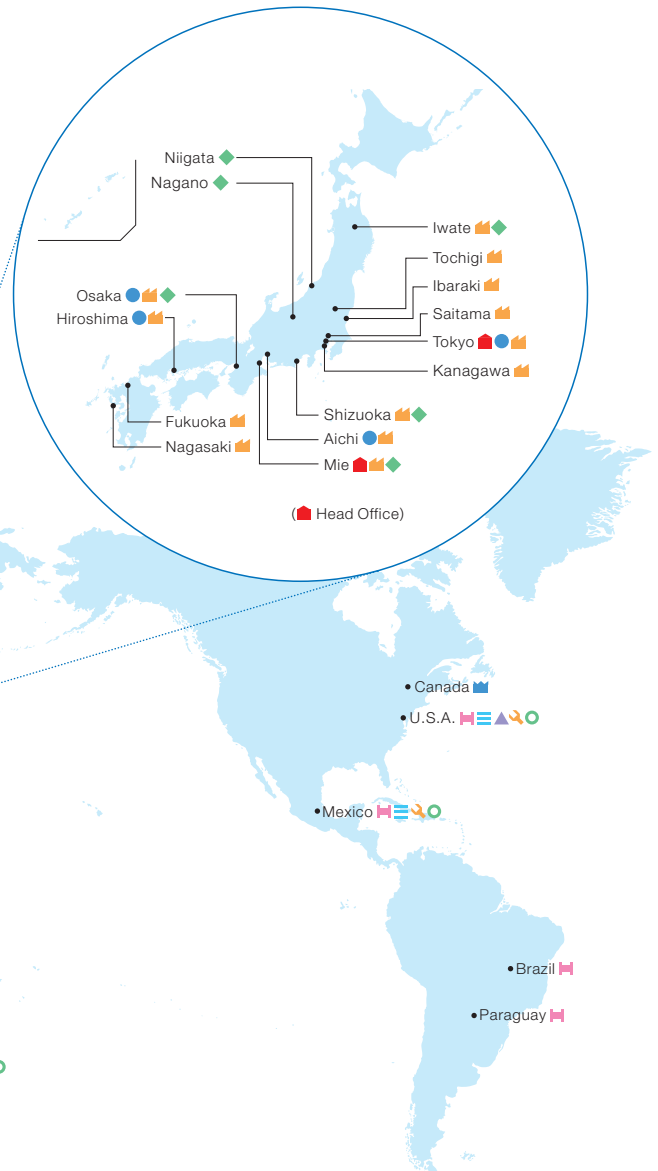
### Asia and Oceania

25 corporations

### Europe and Africa

31 corporations

■ Manufacture of harnesses  
 ■ Manufacture of electric wire  
 ▲ Manufacture of components and electronics  
 ● Technical Centers  
 ○ Sales companies  
 ■ Holding companies, etc.



## Our Products

As a global supplier, we manufacture and sell wiring harnesses and components for automobiles, wiring harnesses for office equipment and diverse cables around the world.

### Wiring Harnesses for Automobiles

Wiring harnesses that connect various components to transmit electric signals are literally the life lines of vehicles. Our wiring harnesses, produced with a high level of technology, have been supporting the evolution of automobiles. Aluminum harnesses that reflect our successful efforts to significantly reduce weight have contributed to improved vehicle fuel efficiency. Our under-floor pipe harnesses, resistant to high temperatures and high current flows, enhanced the safety of drivers in hybrid cars. And more recently we have developed optical harnesses that enable high-capacity, high-speed data transmission and thereby support the next generation of vehicles in an invisible yet indispensable way.



Wiring harnesses



Aluminum wiring harnesses

### Harness Components

#### Connectors

In their role of connecting wires and cables within vehicles, connectors must function in environments with severe temperatures, vibrations, water, electromagnetic interference and other conditions. With the greater incorporation of information technology, we have developed diverse configurations of connectors and other components that connect wires to GPS, TV sets and other wave receiving devices.



TS Sealed Series Connector  
0.64 mm

#### Cables

Wiring harnesses consist of a bundle of wires, and each wire is responsible for carrying electric signals and energy used for starting the engine, lighting, meters and other vehicle devices.



Aluminum electric wires

#### Electronics

High-performance electronic components are increasingly indispensable alongside rapid progress in artificial intelligence for automobiles. Sumitomo Wiring Systems has developed a number of electronic components such as those that facilitate smart entry systems for keyless operation and support the latest self-driving systems.



Relay module of busbar and substrate



Central gateway ECU



Integrated wheel speed sensor with EPB harness

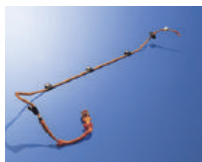
#### Other Harnesses



Wiring harnesses for two-wheeled vehicles

#### Products for EV/HEV/PHEV

Sumitomo Wiring Systems is aggressively developing technologies with "environment" as the keyword. This commitment can be seen in our products for increasingly common electric vehicles, hybrid vehicles and plugin hybrid vehicles. We offer a line of original products to meet customer needs.



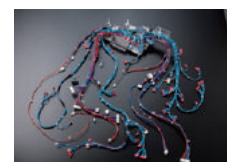
Pipe harness



Power cable terminal block



EV/PHEV charging connectors



Wiring harnesses for equipment

### Feature Topic: Introducing a New Technology Product

#### Manufacturing Capabilities of the SWS Group Launching into Space

The manufacturing capabilities of the SWS Group, supported by reliable technologies and development competence cultivated in the automobile field, are expanding into space. The wire harness of the SWS Group has been adopted in the Japanese-made H-IIA rockets produced by Mitsubishi Heavy Industries, Ltd..

A wire harness, which plays a similar role to human blood vessels by connecting installed equipment and transmitting power and signals, must properly function even under the extreme conditions in space. Drawing from our experience in H-IIA rockets, we are promoting our product for use in new rockets currently under development.

The SWS Group will continue to meet diverse customer needs.

H-IIA rocket  
Photo courtesy of Mitsubishi Heavy Industries, Ltd.



## CSR of Sumitomo Wiring Systems

We are committed to our eight priorities for CSR activities, including areas that can serve as centers and foundations for sustainable growth as well as our roles as better corporate citizens, which will enable the SWS Group to realize its ideal image.

### 8 Priority Items in the Promotion of CSR Activities

 <b>Strengthening and Promoting the Governance System</b>	 <b>Quality Control</b> Achievement of globally uniform high quality
 <b>Strengthening and Promoting the Compliance System</b>	 <b>Global Environmental Conservation</b>
 <b>Developing, Strengthening and Promoting the Risk Management System</b>	 <b>Creation of a Vigorous and Lively Workplace</b>
 <b>Health and Safety</b> Commitment to the elimination of industrial accidents	 <b>Contribution to the Local Communities</b>

**Trust of stakeholders**  
As a global corporate group

### The Ideal Image of What the SWS Group Wants to Become through CSR Activities

- Globally common best quality**  
Global corporate group that offers globally common best quality
- Trust, familiarity and accessibility**  
Global corporate group that is trusted by and familiar and accessible to the stakeholders
- Living with local communities**  
Global corporate group that is rooted in and lives with local communities

## Relationships with Stakeholders

Stakeholder	Relationship Overview	Issues and Requests	Communication Channels
Administrative agencies (central government, municipalities)	We conduct business under the jurisdiction of each nation's administrative agencies, which are also customers for our products and services.	<ul style="list-style-type: none"> <li>Complying with laws, regulations, administrative guidance, etc.</li> <li>Paying taxes</li> </ul>	<ul style="list-style-type: none"> <li>Communication through industry organizations</li> <li>Filing various notifications, responding to surveys/questionnaires</li> </ul>
Global environmental conservation	We conduct business to create an affluent society with full consideration for environmental preservation.	<ul style="list-style-type: none"> <li>Reducing the volume of greenhouse gas emissions</li> <li>Promoting energy saving and recycling</li> <li>Reducing the volume of waste</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with environmental regulations by the government, local public entities and other organizations</li> <li>Environmental conservation activities based on the PDCA cycle</li> </ul>
Customers	We deliver products and services centered on our core business of automotive wiring harnesses to customers around the world.	<ul style="list-style-type: none"> <li>Providing safe, high-quality products and services</li> <li>Improving customer satisfaction</li> <li>Providing accurate, timely product information</li> </ul>	<ul style="list-style-type: none"> <li>Communication through sales activities</li> <li>Company websites</li> <li>Exhibitions</li> </ul>
Local communities, NPOs/NGOs	The Group contributes to local community development as a good corporate citizen doing business in more than 30 countries.	<ul style="list-style-type: none"> <li>Respecting different cultures and customs, contributing to local community development</li> <li>Preventing accidents and disasters, paying due consideration to the environment</li> </ul>	<ul style="list-style-type: none"> <li>Community development activities by employees (both domestic and international)</li> <li>Plant tours, events</li> <li>Regional development, inheritance of traditional arts</li> </ul>
Employees	With about 200,000 employees world-wide, we strive to provide a positive and vigorous working environment characterized by mutual respect.	<ul style="list-style-type: none"> <li>Providing a workplace where human rights are respected</li> <li>Utilizing diverse human resources</li> <li>Creating a workplace culture that facilitates the balancing of work and family life</li> <li>Building capacity in alignment with career goals</li> </ul>	<ul style="list-style-type: none"> <li>Activities for promoting the development of dynamic workplaces</li> <li>Group newsletters</li> <li>Corporate intranet</li> <li>Town meetings</li> </ul>
Suppliers	Recognizing suppliers as valued business partners, we promote openness, fairness and honesty in all our transactions.	<ul style="list-style-type: none"> <li>Fair and honest transactions</li> <li>Respect for human rights</li> </ul>	<ul style="list-style-type: none"> <li>Procurement activities</li> <li>Supplier surveys</li> <li>Global Suppliers Meeting</li> </ul>

## CSR Promotion Structure

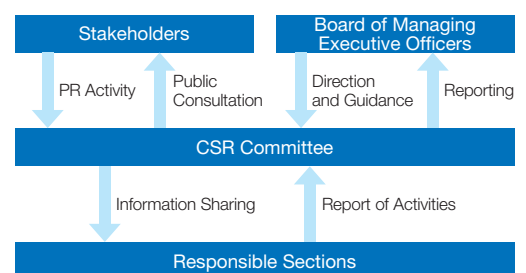
We are moving ahead with Group-wide activities led by the CSR Committee, established in May 2010 and chaired by the director in charge of general affairs. Functions of the committee include reporting on and reviewing Group activities and providing support and guidance for future development. It also conducts public relations activities and public consultations and reflects related needs and information in action plans.

## Initiatives for the SDGs

The SDGs (Sustainable Development Goals) are a set of 17 goals and 169 targets to be achieved worldwide by 2030. They were incorporated into the 2030 Agenda adopted at the United Nations Sustainable Development Summit in September 2015. And they require that both the government and non-government sectors (companies and individuals) in all UN member states make collaborative efforts toward achieving the goals from 2016 to 2030. The SWS Group will contribute to achieving them as we endeavor to address social issues through our business activities.

**WEB** [http://www.unic.or.jp/activities/economic\\_social\\_development/sustainable\\_development/2030agenda/](http://www.unic.or.jp/activities/economic_social_development/sustainable_development/2030agenda/)

## CSR Promotion System



- Compliance • Health and Safety • Environmental Management
- Human Resource Development • Procurement
- Risk Management • Quality Control • Personnel Affairs
- Quality Improvement • Contribution to Society

### SUSTAINABLE DEVELOPMENT GOALS 17 GOALS TO TRANSFORM OUR WORLD

