

## Medium-term Management Plan (2021-2023)

**SIIX Corporation** 

February 2021

## Medium-term Management Plan (2021-2023)



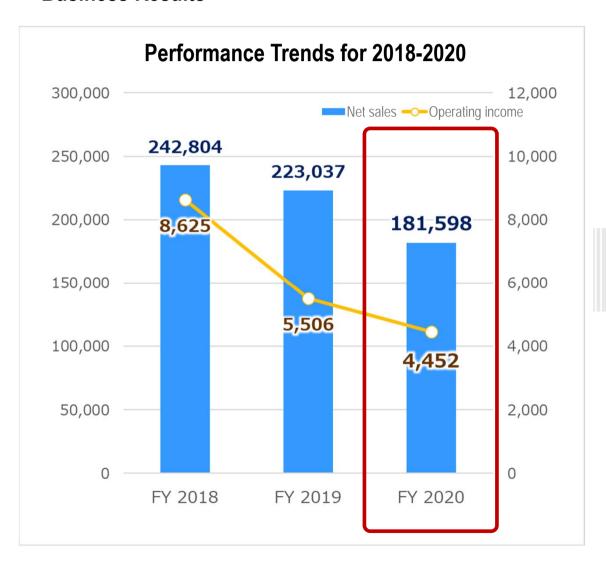
## FLEXIBLE TO CHANGE

~Earn trust with the world's No. 1 quality and service~

# Review of the Previous Medium-term Management Plan (2018-2020) on Performance



#### **Business Results**



The results largely underachieved its targets for the final year of the medium-term management plan, which were consolidated net sales of 300 billion yen and consolidated operating income of 14 billion yen.

#### [Main reasons for the underachievement]

2018: Cost increase due to response to rapid demand growth at Mexico Plant

2019: Temporary increase in tariffs due to US-China trade friction and relocation of production bases to avoid them; China recession

2020: Lower utilization ratio due to COVID-19 pandemic and lower demand worldwide

# Review of Business Strategy and KPI of Medium-term Management Plan



4 Topics	Review
Improvement of Profitability	Responding to the diversification of business fields (building the next pillar of automotive field)  • Addressed the various digitization needs of customers in the automotive equipment field.  • Support for electrical parts has progressed such as for igniter of power tool in the industrial equipment field, however, net sales remained at 2.0 billion yen in the medical-nursing device field.
Enhancement of Readiness	<ul> <li>Sales ratio for non-Japanese company</li> <li>SIIX's share of consolidated net sales increased from about 9% to 14%. Customer account opening status has been improved but fell short of its target of 20%.</li> <li>Rechargeable battery business and molding business</li> <li>Rechargeable battery business for igniter of power tool made progress. The number of plants for the molding business increased, however, its business segment failed to generate stable revenue in the Philippines.</li> </ul>
Innovation of SIIX's Manufacturing	<ul> <li>Strengthen technology of multi-process manufacturing</li> <li>Introduced a fully automated assembly line and established SIIX's first mass production line for battery packs.</li> <li>Establishment of a knowledge-intensive manufacturing platform and global development</li> <li>SMAPS, a cloud database for manufacturing technology and quality information, has been established and is now in operation.</li> <li>Improving quality and fostering QCD technical experts</li> <li>Quality has improved by about 25%, and local human resource have grown to a level where they can train personnel from other plants.</li> </ul>
Reinforcement of Organization	<ul> <li>ESG ⇒ The target has yet to be reached, but will remain a long-term objective.</li> <li>(S) Local executives ratio: Target 80% ⇒ About 78.9%</li> <li>Female executives ratio: Target 50% ⇒ About 31.1%</li> </ul>

#### **KPI for achieving the Medium-term Management Plan**

\*Non-commodity field: Automotive and Industrial

KPI Activities	Target	2020 Results
Number of new companies	100	104
Sales ratio for non-Japanese company	20%	13.6%
Net sales of non-commodity field	80%	73.2%

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## Review of Investment and Its Returns over the Previous Medium-term Management Plan Period



## Cumulative total of CAPEX and each segment income over the previous Medium-term Management Plan Period (2018-2020)

Regional segment	Japan	Greater China	ASEAN	Europe	Americas	Total
CAPEX	1,713	6,085	9,538	2,220	5,991	25,547
Segment income	1,823	7,314	9,751	<b>–</b> 555	-308	18,025



> Europe and Americas segments are both expected to be profitable in 2021.

### **Our Vision**



## Continue to provide benefits to the world as a Global Business Organizer



## Pursue the effective use of the world's resources

Effective use of existing resources
Global network
One-stop solution



Identify, create and utilize new resources
(Collaborate with technology partners)

#### Value Creation of SIIX



#### **ESG** Issues

w carbonization Climate change utonomous

ow birthrate and longevity

G Quality BCP

#### **Management** Resource/Capital

Electronic components procurement

Wide range of business fields

Global expansion

High quality mounting technology

Female executives nput

One-stop solution

Local executives

Quick resolution

Collaborate with technology partners

#### **Business Model**

## **KPI of MTMP**



Global Business Organizer

"RELIANCE"

Governance

#### **Value**

### Stable supply

#### Convenience

High quality

**Speed** up

#### **Field of Focus**

#### **Outcome**



Reduction of environmental



#### Industrial

Infor-

mation

Home

appliance

**IoT** 

Service

creation, job satisfaction. and economic 8 DECENT WORK AND development

impact







5 GENDER EQUALITY

₫









in the region





## Performance Targets of the Medium-term Management Plan



#### **Final Years' Performance Targets for 2023**

- **■**Consolidated net sales: 250 billion yen
- **■**Consolidated operating income: 10.5 billion yen

(Operating income ratio: 4.2%)

Exchange rate

USD: ¥103



## Three Targets and KPI of the Medium-term Management Plan





Expanding business with major global companies

- Expansion of non-Japanese ratio
- Strengthen global quality and BCP support
- Customer development in the medical field



Contributing to a decarbonized society through our business

- Expansion of CASErelated business
- Business expansion in the industrial equipment field, including IoT, labor and energy saving, etc.



**Diversity management** 

- Improvement of local executives ratio
- Improvement of female executives ratio

KPI

Reinforce our ability to provide new fields and new products by utilizing our existing network.

- Non-Japanese ratio: 25%
- Reinforce alliances with technology partners: Net sales: 5 billion yen
- Medical device field
   Net sales: 5 billion yen



• Non-commodity ratio: 85%

• CASE: 35 billion yen

• Battery: 10 billion yen

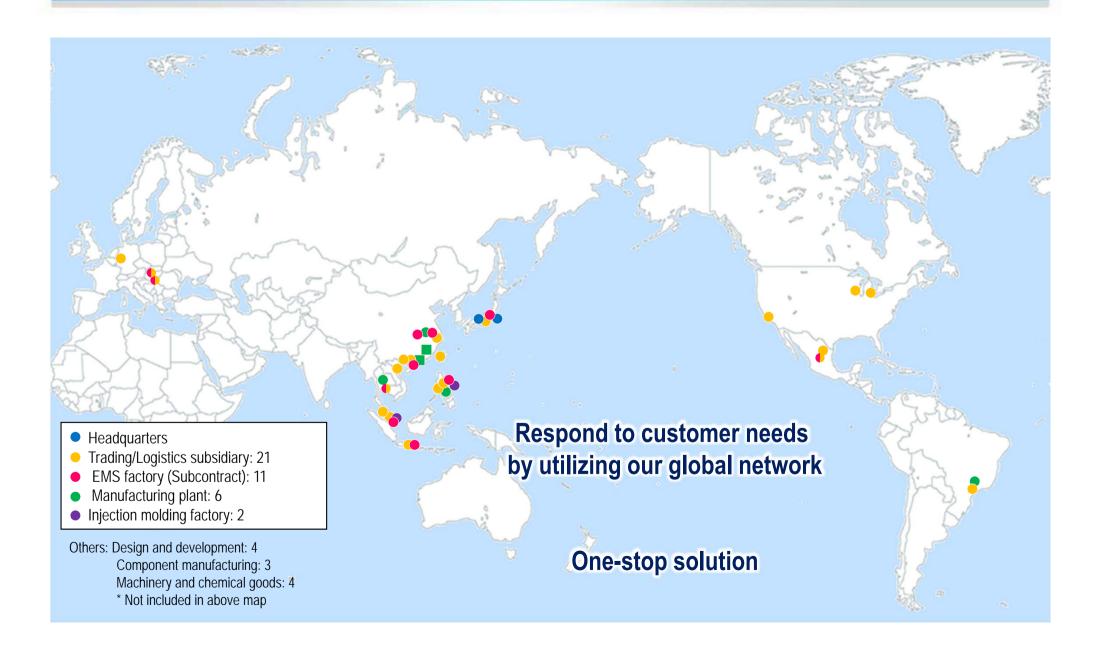
KPI

• Local executives ratio: 80%

• Female executives ratio: 50%

### SIIX GLOBAL NETWORK





## **Our Collaboration with Technology Partners**



As a "Global Business Organizer," we will propose the necessary resources and services in collaboration with technology partner companies.

#### **Optical and sensor**

Optical lens, IR sensor, etc.



Proposal for use in medical devices, automotive equipments, smart buildings, security, vehicles, robotics, analytical equipment, etc.

#### Communication network and IoT

Software, monitoring systems, etc.



Proposal for use in communication devices, wireless, mobile, monitoring system, long-range wireless, factory automation, robots, smart houses, etc.

#### **Robotics**

AGV, motor control, etc.



Proposal for use in medical equipment, various transport equipment, police vehicles, etc.

#### Raw materials and materials

Printing inks, functional materials, etc.



Proposal for use in electronics, chemicals, and other fields

### **Energy management**

Battery packs, etc.



Proposal for use in battery packs, chargers, DC to DC converters, etc.

Information on each partner company is available on our website. <a href="http://www.siix.co.jp/eg/business/new\_products\_list/index.html">http://www.siix.co.jp/eg/business/new\_products\_list/index.html</a>

### **COVID-19 Tracking Token**



#### Made a successful bid for Government Technology Agency of Singapore (GovTech)

As a measure against COVID-19, the application "Trace Together" is being used to enable electronic contact tracking in Singapore.

In addition, <u>Singapore Government has begun distributing tokens for people who, for various reasons, find it difficult to connect to their devices digitally.</u>

A consortium of the Company's Singapore subsidiary and our technology partner, iWOW Technology, a wireless technology-focused IoT service provider, has been awarded the second phase of token design and manufacturing by Government Technology Agency of Singapore.

<Related Information>

Government Technology Agency of Singapore (GovTech)

https://www.tech.gov.sg/media/media-releases/2020-08-21-tracetogether-token-media-statement-2

iWOW Technology Pte Ltd.

http://www.siix.co.jp/eg/business/new\_products\_list/iwow\_technology/index.html

#### **New Initiatives with SAKATA INX**



• Three-company collaborative activities with SIIX, SAKATA INX, and Wonder Future

**Customer needs** 



New "Manufacturing"

- New method
- New material





Development, manufacturing, and sales of mass production technology





Development of materials for electronics chemical (Chemitronics)



Wonder Future Corporation

Damageless mounting technology by IH Reflow

We will establish mass production technology by incorporating new technology into SIIX's highly reliable production technology.

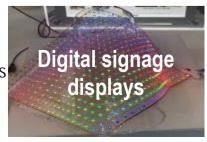
Materials for printed electronics

Mounting on low heatresistant material Mounting on high heatdissipation material

Goals

## [Towards a prosperous society]

Social Implementation
Program of new components
and devices by making
them smaller, thinner,
lighter, etc.

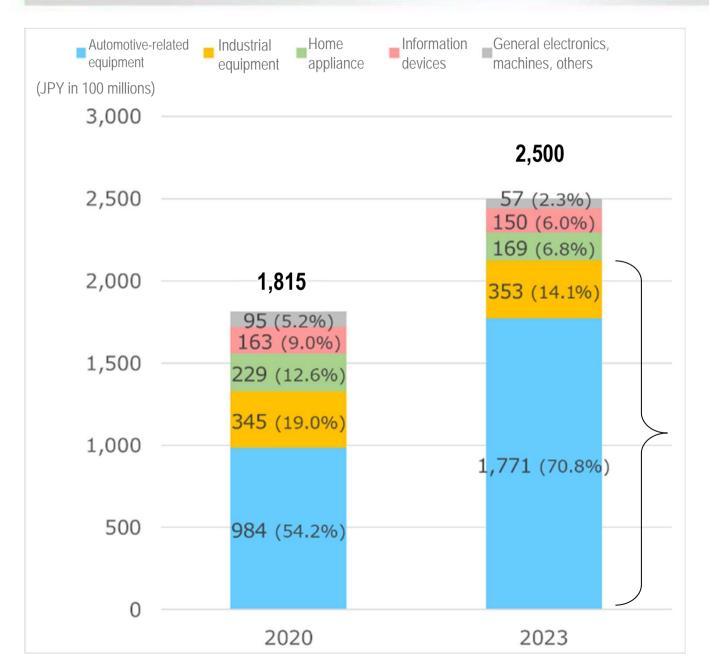






## **Net Sales/Non-commodity Ratio by Business**



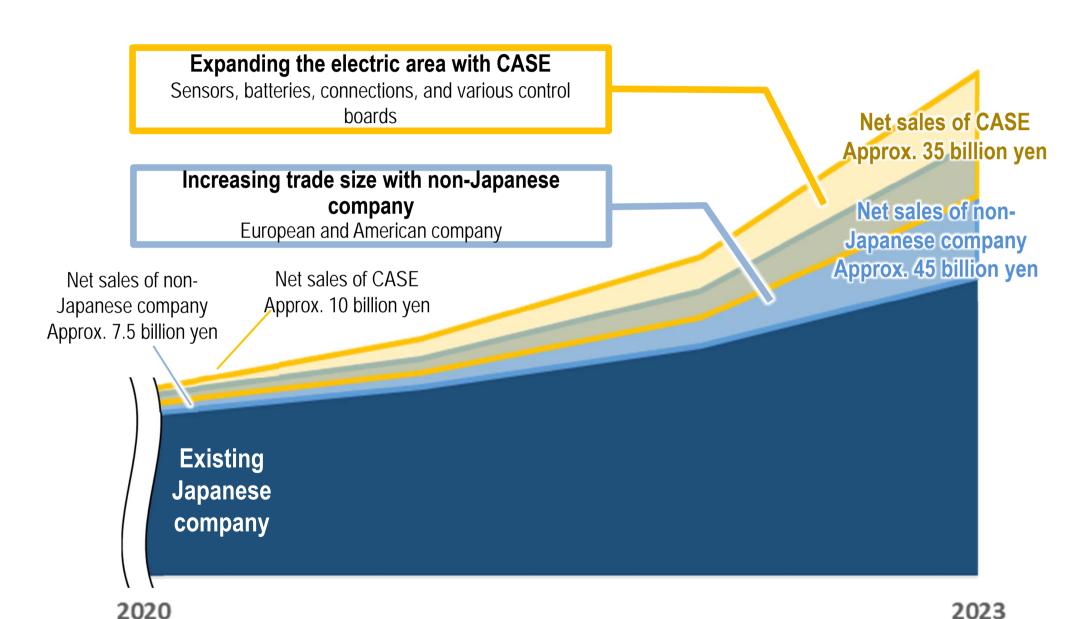


**Non-commodity Field** 

\_85%\_

## **Business Expansion of Automotive Field and its Prospects**





### SIIX's Strategic Policy for High-Quality Manufacturing







- Enhancement of PCB mounting technology
- Enhancement of manufacturing technology
- Adoption of advanced technology

- Rrealization of robust "GENBA"
- Enhancement of manufacturing efficiency, quality and training

## Diversification of the SIIX Business and **Required Core Technologies**



### **Consumer Equipment**

High density and large-mixed mounting



High density mount, module mounting





Information and **Communication Devices** 

IoT, 5G, AI

**Automotive Equipment** 





CASE

High accuracy mount, COB and MID

**Development of mounting and** manufacturing technologies that can respond to future DX (Digital Transformation) requirements, from mounting to assembly

Heat-labile material mounting



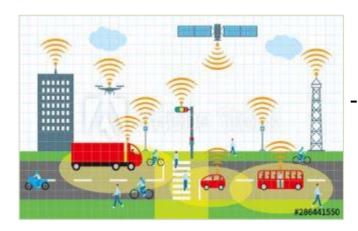
**Molding and battery** 



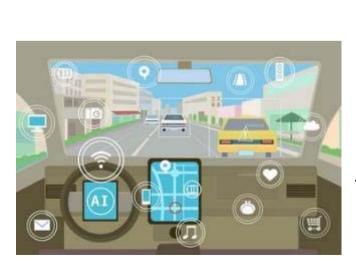
**Industrial Equipment and Others** 

## **Strengthening the Readiness of CASE Automotive Business**

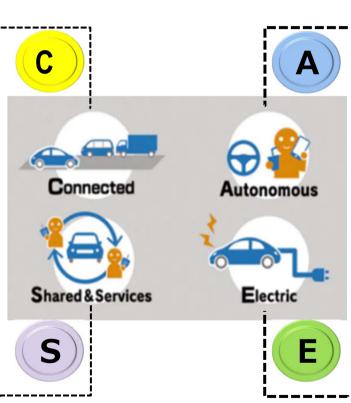




Connected



**Shared & Services** 



Condition (Condition (

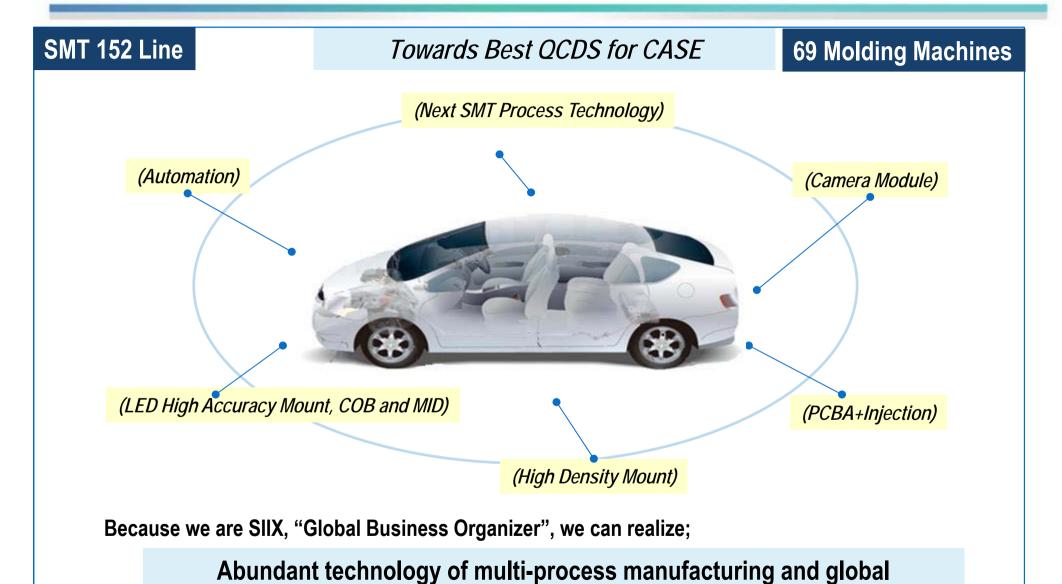
**Autonomous** 



**Electric** 

### **Top-class EMS for Automotive**





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management of manufacturing, technology, and quality across 12 factories

## **Measures to Strengthen Manufacturing Technology** and Its Quality



- Strengthen manufacturing technology and its quality in response to DX (Digital Transformation)
  - Pursuing a development that anticipates elemental technologies (improve new businesses and new methods)
  - Increasing customer satisfaction by collaborating on core technologies with key devices and key technology partners
  - Further enhancement of automation and its application to production systems (promotion of Smart Factory)
- Build Tier-1 quality system and strengthen corporate governance, share and utilize information, and enhance BCP
  - Strengthening of quality governance, sharing of know-how for improvement, speeding up of utilization, and expanding information globally
  - Establishing a global education system and reinforcing its training

## Standardization and Sharing Information of Manufacturing, Technology, Quality, and Know-How Training



All SIIX global manufacturing meeting in Jan. & Jul. every year



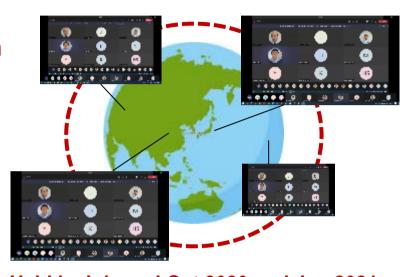
Held in Osaka, Feb 1, 2020

Management staffs of manufacturing, technology dept. of all SIIX plant (Participants are limited

→ Share information later) (Mainly in Japanese) Speed up the information expansion



#### **Held quarterly**



Held in July and Oct 2020 and Jan 2021
Online conference



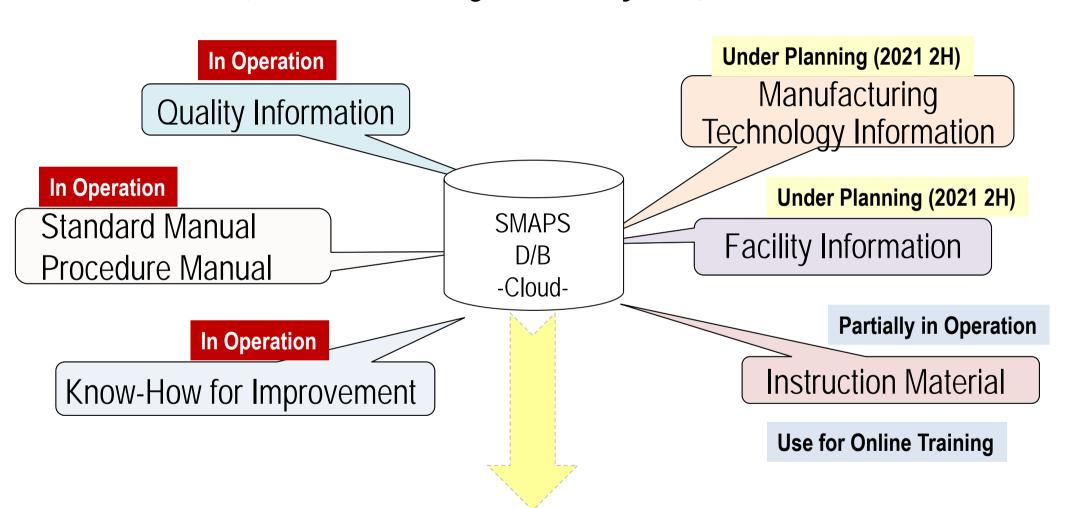
Local key staffs of manufacturing, technology, quality, etc. (Unrestricted participation → Share information immediately) (Mainly in English)

Free discussion and sharing of quality policy and its improvement, manufacturing technology, manufacturing efficiency improvement, automation, educational training.

# **Education Support System for Manufacturing, Technology, Quality, etc.**



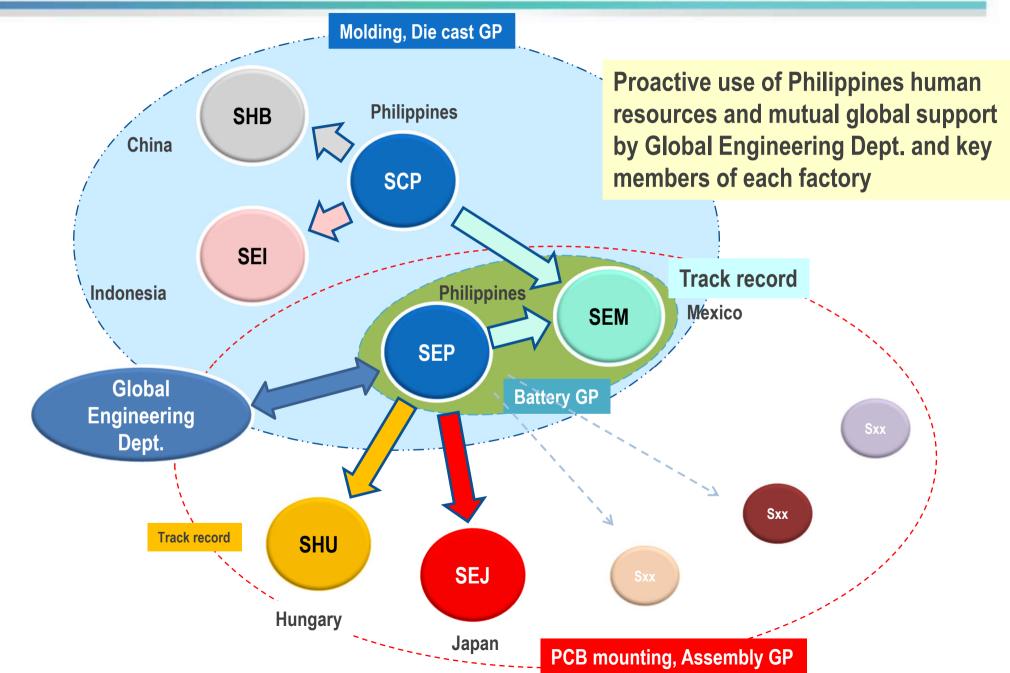
SMAPS (Siix Manufacturing Platform System)



SMAPS enables us to utilize the real-time data of manufacturing technology at GENBA

### **Global Education Reinforcement System**





## SIIX's ESG Improvement and CO<sub>2</sub> Reduction Activities







Indonesia Plant (2021)

Mexico Plant (2022)

Planning to install in sequence

SIIX Shanghai Plant (Began operation in January 2021)

#### <Specifications of Solar Panel>

Substation capacity: 1,841KVA

Number of panels: 3,960

Annual power generation (25-year average): 1,823,000 KVA

Roof area covered: approx. 15,000 m<sup>2</sup>

Reduces daily power consumption by approx. 15%



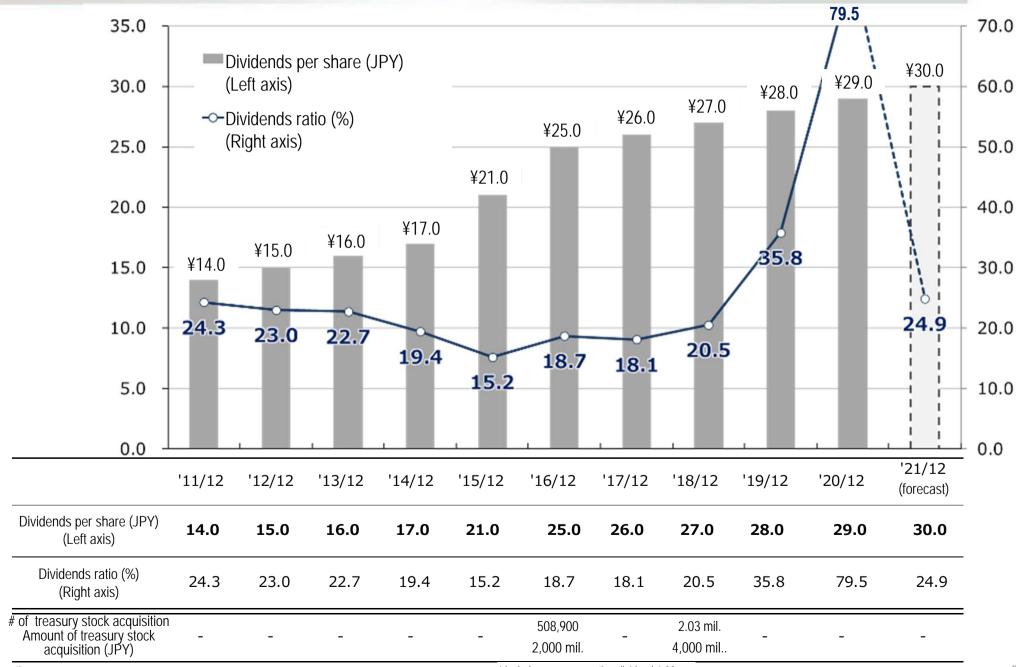
Reduce CO2 emission intensity (basic units)	<ul> <li>Installation of solar panels</li> <li>Installed at Shanghai plant (January 2021) Reduction effect of 1,817.5 tons per year</li> <li>Planning to install at the Jakarta and Mexico plants in sequence.</li> </ul>	Current 0.34t/ million yen	Target Year-on-Year reduction
Social	Executives: Manager and above	<u>Current</u>	<u>Target</u>
Local executives ratio Female executives	Ratio of local executives in management of all SIIX Group plants	78.9%	80%
ratio	Female executives ratio	31.1%	50%

Governance Strengthen compliance with the Corporate Governance Code

Strengthen the governance system Addressing remaining issues as SIIX

### **Shareholder Return**





#### **Disclaimer**



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