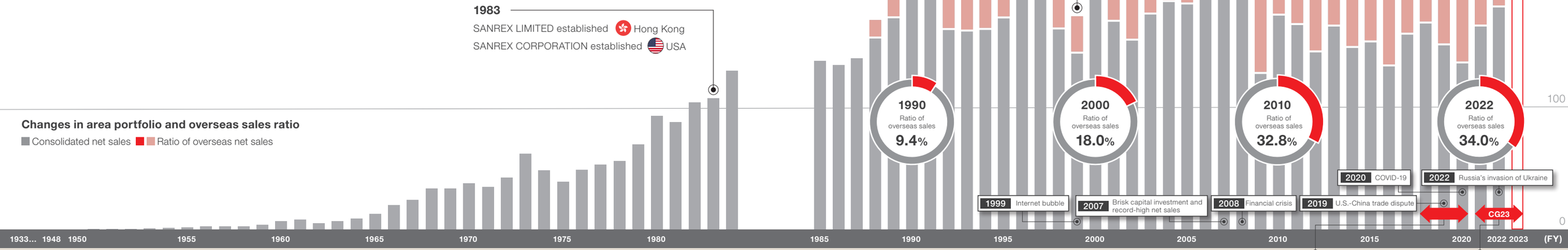
History of growth

We will continue growing by operating businesses globally

Since its founding in 1933, the Sansha Electric Manufacturing Group has been contributing to the development of society through the creation of products that society needs.
Nearly four decades have passed since we launched our first overseas bases in the United States and in Hong Kong in 1983. The Group will continue to operate its business globally.



FY 2018-2020 **Medium-term management plan** **Policy** Developing new fields by providing solutions based on technology
Theme Extending market reach overseas, contributing to hydrogen society, contributing to the miniaturization of industrial equipment, etc.
Achievements In the semiconductor business, sales of products with new applications increased in China, but demand declined due to trade friction between the U.S. and China In the power supply business, the Group obtained a foothold to contribute to hydrogen society by providing fuel cell equipment.

FY 2021-2023 **Medium-term management plan CG23** Change to Growth

Establishing the technological foundation that continues from the foundation of the Group to the present

1933 »» 1970

Business History

1933 Sansha Denki Seisakusho founded
1948 Sansha Denki Seisakusho Co., Ltd. established
1953 Tokyo District Office (currently Tokyo Branch) established
1960 Headquarters Plant completed in Osaka
1970 Fukuoka Representative Office (currently Kyushu Sales Office) established

Yukio Shikata, founding president
Representative Director and President from the Group's foundation to 1972

Product Development

1933 Develops a choke coil auto transformer, a predecessor to projector power supplies
1937 Develops a tungar rectifier for light projectors

Tungar rectifiers for light projectors

1963 Develops and announces our first power semiconductor and thyristor
1964 Develops an inverter uninterruptible power supply and an electric power regulator for electric furnaces
1968 Develops a diffusion type of triac and thyristor
1970 Develops a rectifier for plating

Increasing bases and specialization in the development of power semiconductors

1971 »» 1990

Business History

1982 Shiga Plant completed in Shiga Prefecture for the production of power supplies
1985 Okayama Plant completed in Okayama Prefecture for the production of power semiconductors

Masao Shikata, second president
Representative Director and President from 1972 to 1986

Product Development

1971 Develops an insulated triac that is the first in Japan
1980 Develops a thyristor module and a power transistor for high speed switching
1982 Develops a power transistor module
1988 Develops a power MOSFET module

Insulated triac

Thyristor modules

Developing a system for increased globalization

1991 »» 2010

Business History

1994 Shiga Plant obtains ISO 9001 certification
1996 Okayama Plant obtains ISO 9001 certification
1997 Achieves listing on the second section of the Osaka Stock Exchange
2001 Power Supply System Manufacturing Division obtains ISO 14001 certification
2002 Semiconductor Manufacturing Division obtains ISO 14001 certification

Kunio Shikata, Honorary Chairman
Representative Director, President and Chairman of the Board from 1986 to 2021

Product Development

1991 Develops a planner type transistor module
1993 Develops a solar power conditioner
2002 Develops a power supply for light source for projector of digital cinema
2007 Develops an IGBT chip for inverter for industrial use

Solar power conditioner

Lamp power supply for digital cinema projector

Towards a new age

1991 »» 2010

Business History

2014 New building completed at the Shiga Plant
2016 SANSHA SOLUTION SERVICE CO., LTD. established in Osaka
2016 SANSHA ELECTRIC EASTERN CO., LTD. (currently SUWA SANSHA ELECTRIC CO., LTD.) established in Nagano Prefecture to commence small power supply business
2021 OSAKA DENSO INDUSTRY CO., LTD. becomes a wholly owned subsidiary
2022 Listing moves to the Standard Market of the Tokyo Stock Exchange
2023 Purpose established

Product Development

2014 Develops a photovoltaic power generation evaluation system for the National Institute of Advanced Industrial Science and Technology's Fukushima Renewable Energy Institute
2015 Jointly develops a compact SiC power module with Panasonic Corporation
2016 Participates in the virtual power plant (VPP) construction demonstration project
2017 Develops a fuel cell power conditioner
2019 Develops a 1500 V string compatible diode module for photovoltaic power generation
2020 Develops a power supply for storage battery tests
2022 Develops 1200 V voltage-resistant SiC MOSFET discrete semiconductor

SiC power module

1200 V voltage-resistant SiC MOSFET discrete semiconductor

Power supply for storage battery tests