

All to brighten the world



For individual investors

December 4, 2025

Furukawa Electric Co., Ltd. President & CEO
Hideya Moridaira

Agenda

- Company overview
- About the Furukawa Electric Group Purpose
- Focus domains and main businesses
- Financial position and financial results
- In conclusion

All to brighten the world



Company overview

Overview of the company (as of March 31, 2025)

Engage in a wide range of businesses globally

Consolidated net sales

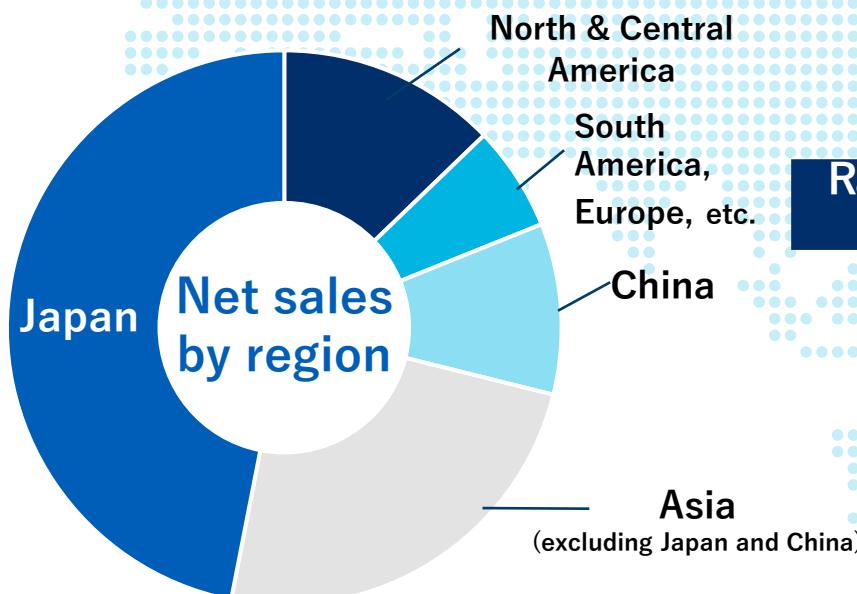
JPY1,201.8
billion

Consolidated
operating profit

JPY47.1
billion

Profit attributable to
owners of parent

JPY33.4
billion



Ratio of overseas
net sales

53%

Number of employees
(Consolidated)

51,167
employees

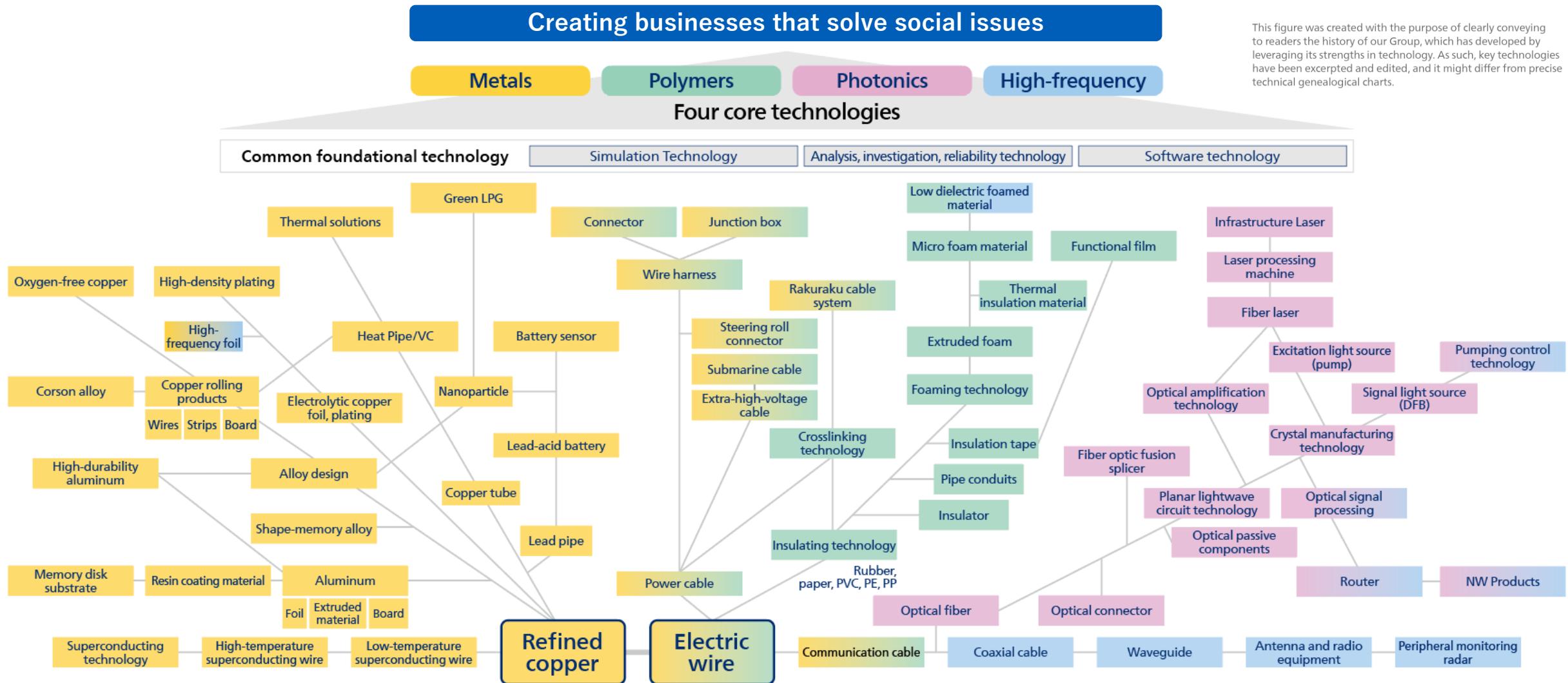
Number of consolidated
companies

127
companies*

* The total number is parent company, 116 consolidated subsidiaries and 10 equity method affiliated companies.

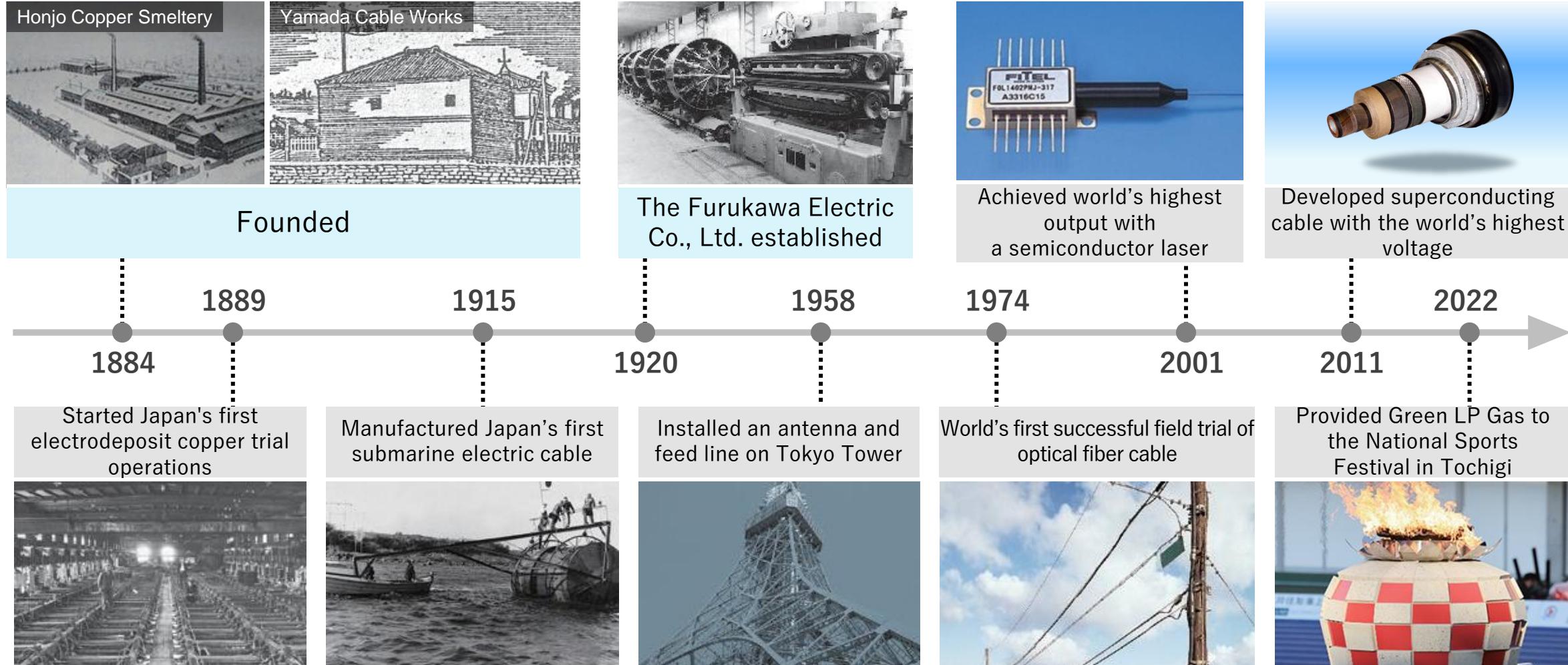
History of the group's technology

Starting from electric wire and refined copper, we currently operate a wide range of businesses centered on the social infrastructure domain



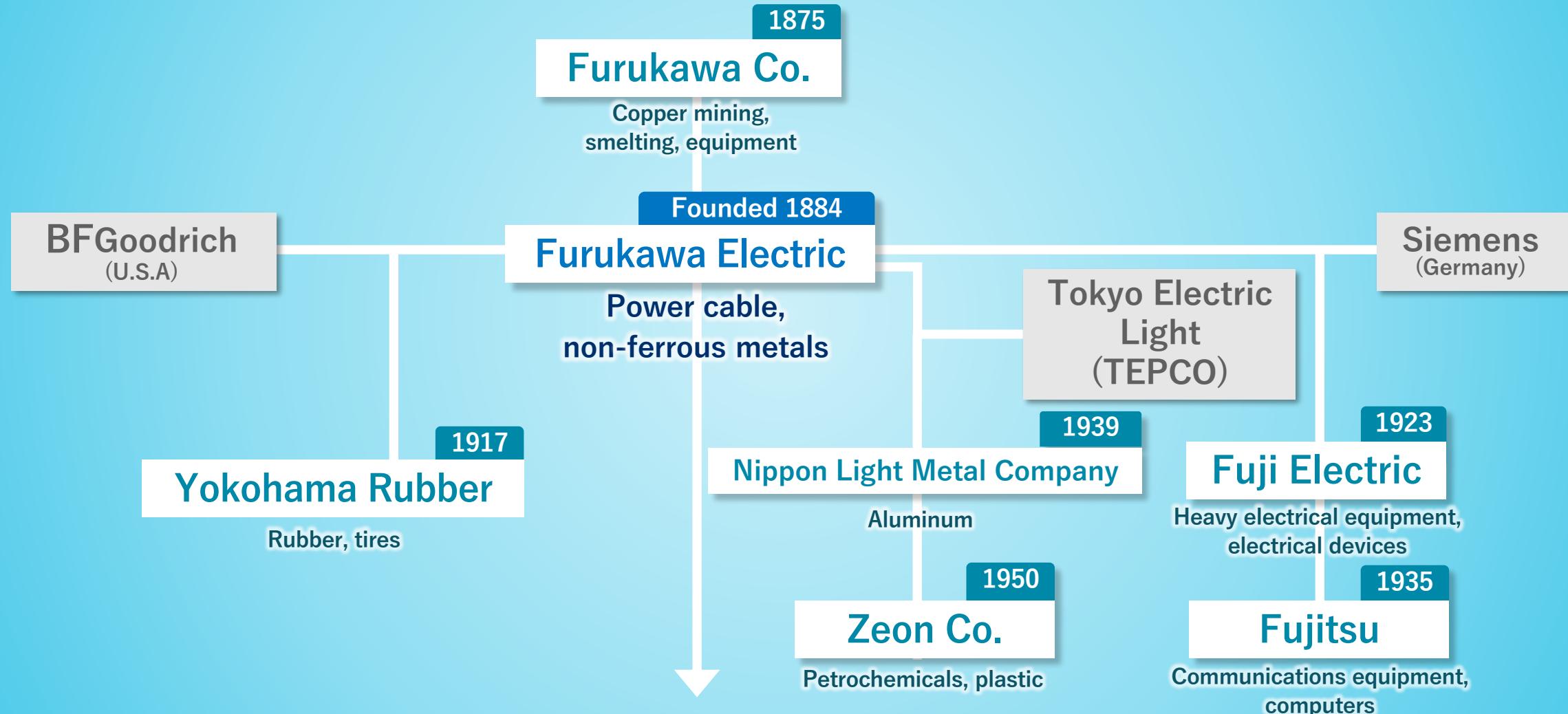
History of business

For more than 140 years since our founding, our group has delivered products that contribute to society across diverse sectors worldwide



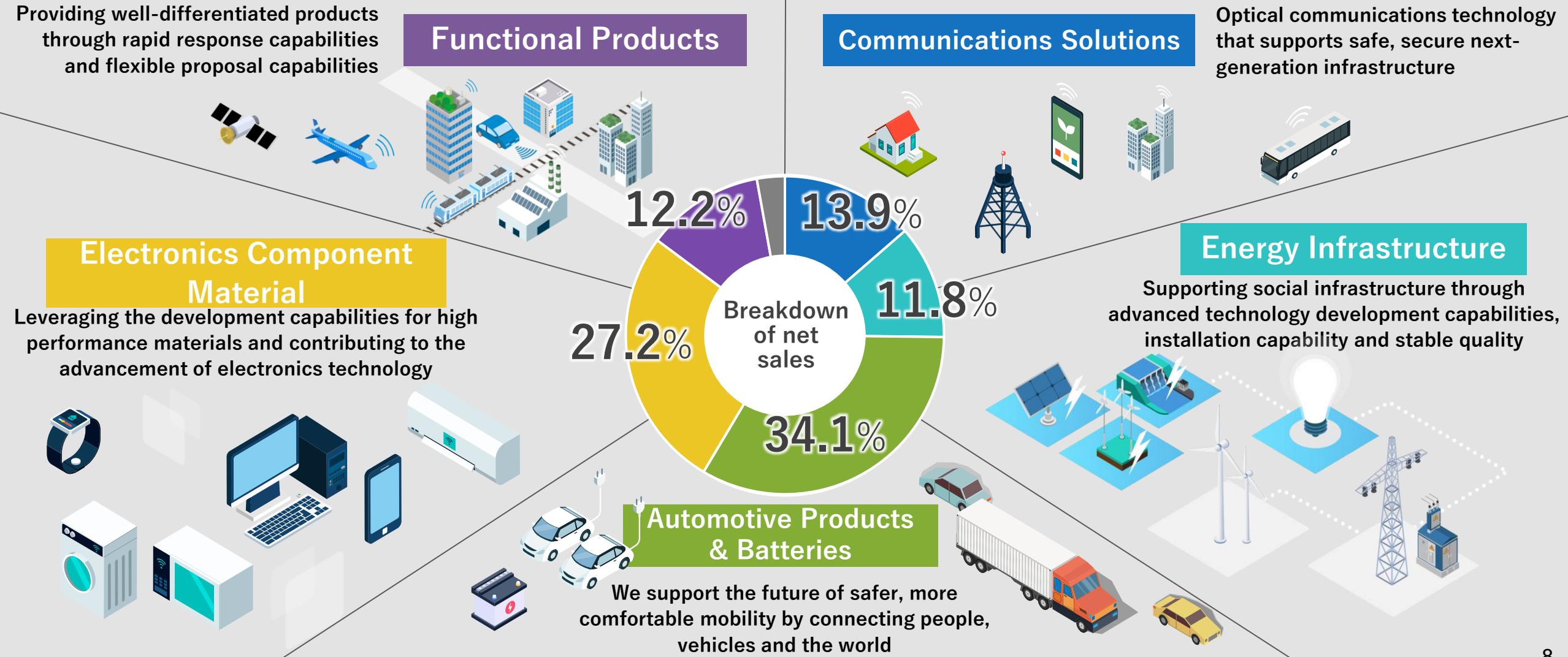
History of spin-off

Produced a number of companies that contribute to society



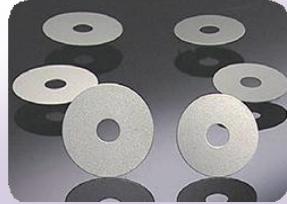
Business overview

Developing a wide range of products in each business domain leveraging the four core technologies of “metals”, “polymers”, “photonics” and “high frequency”



Current business portfolio

Product lineups that boast top-level market share in Japan and overseas



Aluminum Blanks
for Hard Disk Drive (HDD)



“Eflex” buried protective
conduit for cables

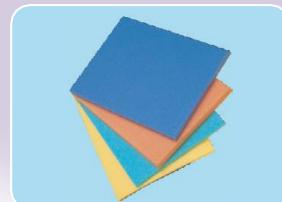
Functional Products



Heat sinks (Heat pipe type)

World's second market share

Domestic top market share



Cross-linked foamed polyolefin Heat sinks (Heat pipe type)

World-leading market share

World-leading market share

Electronics Component Material



Rectangular magnet wires for chip inductors

World's top market share



Alkaline Storage Battery
for Railroad

Domestic-leading market share

Automotive Products & Batteries



Steering Roll Connectors
(SRCs)

World's top market share



Wire harnesses

Domestic-leading market share



Communications Solutions



Optical Fiber Cables

World-leading market share



Variable wavelength laser modules

World-leading market share

Energy Infrastructure



Submarine power cable

Domestic-leading market share



High-performance low-
voltage aluminum conductor
cable “Rakuraku Cable”

Domestic top market share

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About the Furukawa Electric Group Purpose

Introduction of the Furukawa Electric Group Purpose

FURUKAWA ELECTRIC GROUP PURPOSE

Composing the core of a brighter world.

Maintaining reliability and comfort in our daily lives.

Facilitating social progress and development as a path toward a prosperous future.

Ensuring the happy coexistence of people and the Earth, today and tomorrow.

Creating and delivering these “indispensables” as the core of a better future.

That is our reason for being.

That is what drives us to approach various social issues with new ideas
and take on a wide range of challenges in infrastructure and beyond.

We have diligently honed our technological and problem-solving
capabilities since our foundation in 1884.

Through continuous innovation, we are uniquely
positioned to achieve even more.

All to brighten the world.

All to brighten the world



Focus domains and main businesses

Following the rapid advances in generative AI, Evolution of data centers

Declining birthrate
and aging society

Increased healthy
life expectancy

Vehi
electrification

Environmental &
resource problems

Reducing power
consumption

Balance
of social
infrastructure

Our solutions that contribute to the evolution of data centers

We provide product lineups that contribute to solving the issue of evolving data centers following the rapid advances in generative AI

More advanced computational processes from the advances in generative AI and the resulting **Exponential increase in data volume**

Issues

Realization of large capacity/ high quality, low latency, low power consumption communications

Our product lineups that contribute to solving the issues

Rollable Ribbon Cable



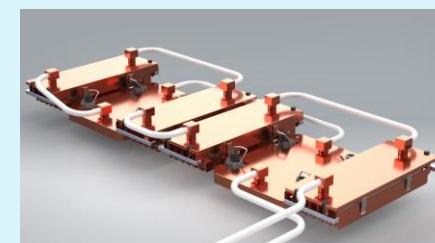
MT ferrules



DFB laser chips



Thermal dissipation and cooling systems



Status of data center related products

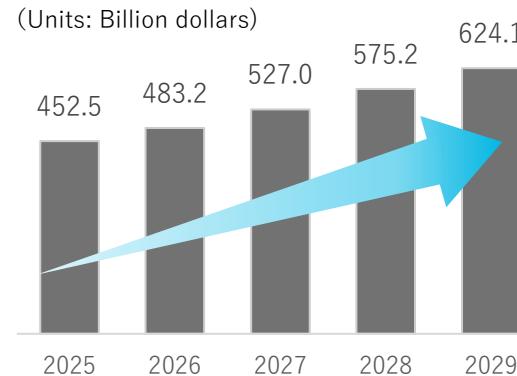
Increase the manufacturing capacity of data center related products, and accelerate the response to further growing demand

Increasing manufacturing capacity

Global data center market is expected to grow to

Over 600 billion dollars in 2029
(JPY 90 trillion)

Growth of the global data center service market (revenue)



Source:
Create by Furukawa Electric based on the 2025 White Paper on
Information and Communications in Japan (Ministry of Internal Affairs and
Communications)

Rollable Ribbon Cable

MT ferrules

DFB laser chips

FY25 manufacturing capacity (compared to FY23)

H2 –

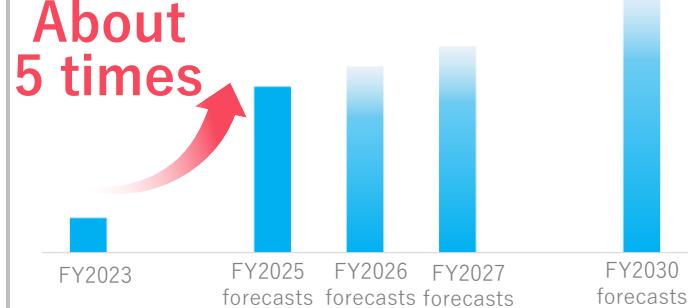
2 times

Over 5 times

Changes in sales of data center products

Optical fiber & cable products, Optical components
(Including sales of products other than those indicated on the left)

About 5 times



Heat dissipation and cooling systems

In addition to the existing air-cooling modules,

Open a new water-cooling module manufacturing plant
(Plan to start manufacturing in FY26 H2)



FTL (Philippines) water-cooling products plant

Heat dissipation and cooling systems

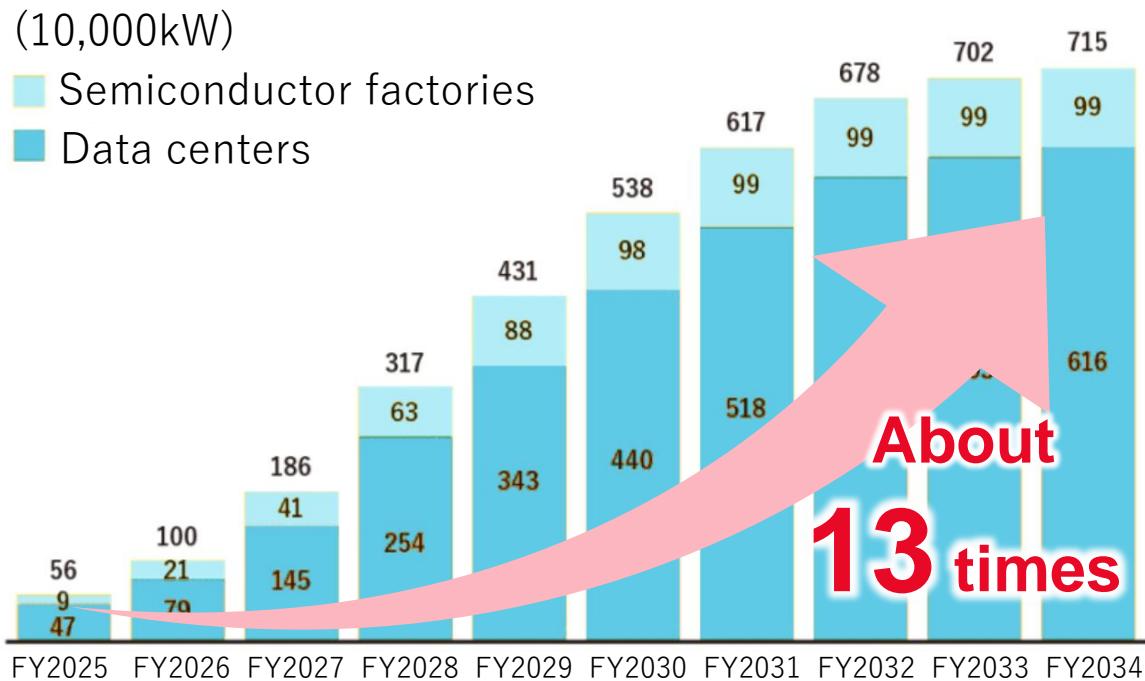
Sales of air-cooling products will increase by
About 4 times

Sales of water-cooling products is forecast to reach about JPY 100.0 billion in FY2030



Increase in electric power demand and outlook for the energy mix

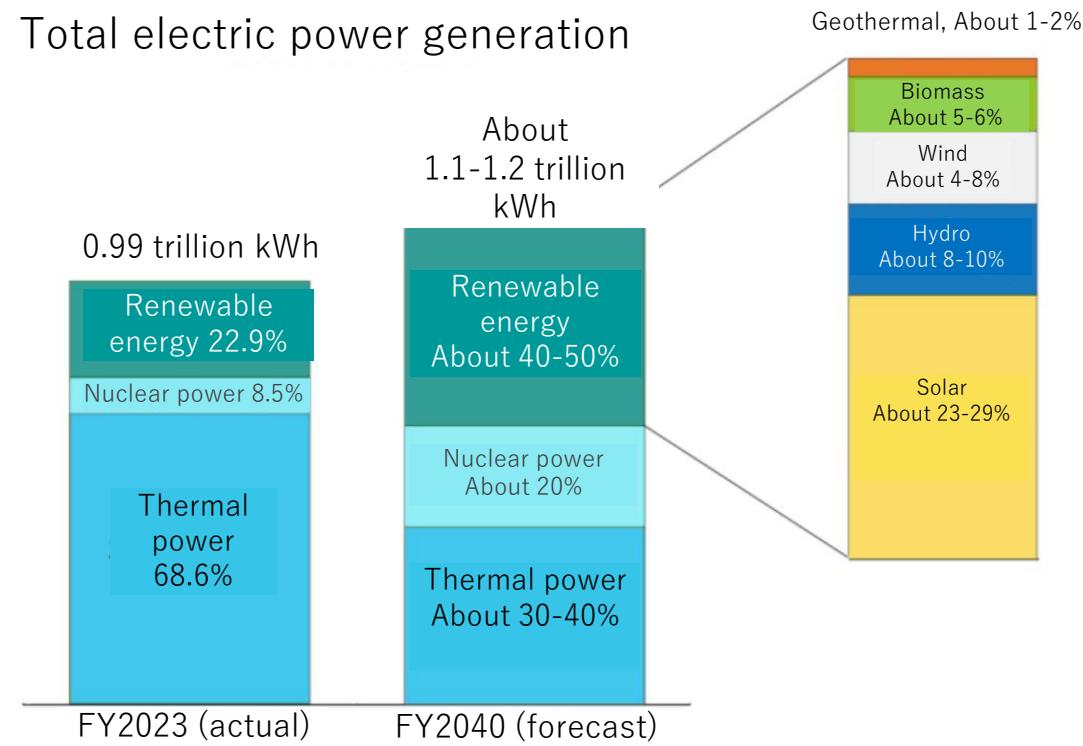
Maximum electric power demand from the opening of new data centers in Japan will increase by about 13 times over the next 10 years



Source: Created by Furukawa Electric based on the [Explanation of the Initiatives to Prevent Electric Power Shortages as Demand Skyrockets from the Introduction of AI](#) (JOGMEC)

Renewable energy will account for a much larger proportion of total electric power generation in FY2040

Total electric power generation



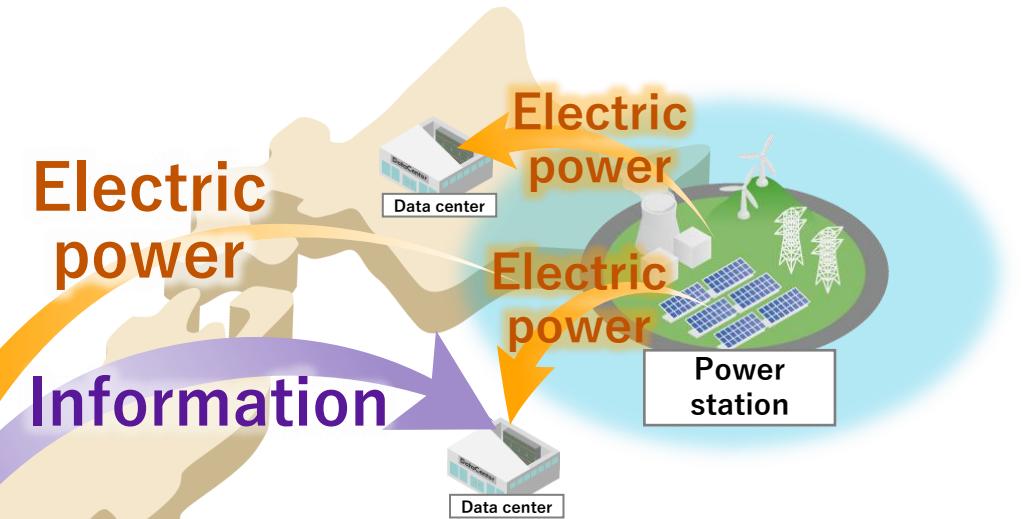
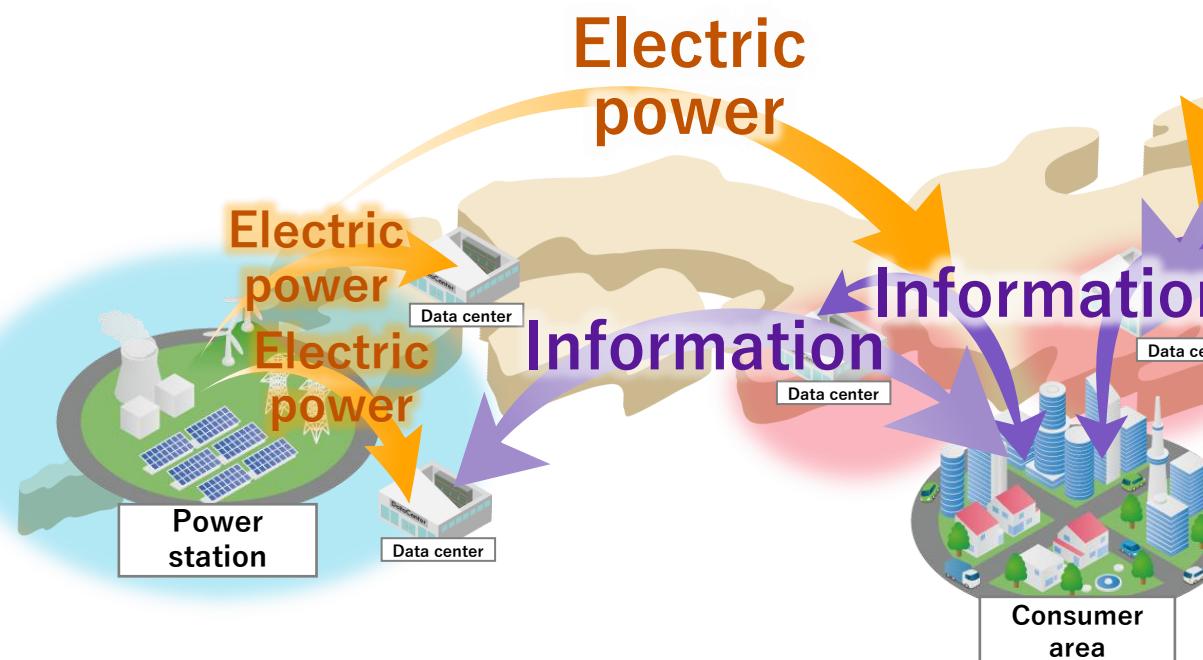
Source: Created by Furukawa Electric based on the [Forecast for Renewable Energy Installation in 2040](#) (General Incorporated Association Japan Electrical Manufacturers' Association)

Measures implemented by the national government in response to the growing data center market

National government is currently implementing measures aimed at responding to the large-scale introduction of renewable energy and increasing electric power resilience

Wide-area interconnected grid

- Transmit renewable energy from demand areas to consumer areas
- Backup the energy infrastructure in the Tokyo Metropolitan area by sharing electric power between regions during disasters



Watt-Bit Collaboration

Aim to establish combined infrastructure through advanced collaborations in energy (watt) and information (bit)

Our initiatives that contribute to the government's wide-area interconnected grid

Announced CAPEX for the production of HVDC cable for use in the wide-area interconnected grid

Mainly at the new plant in Futtsu City, Chiba Prefecture, install about JPY 100.0 billion of HVDC cable manufacturing facilities

- Selected for the Ministry of Economy, Trade and Industry's GX Supply Chain Construction Support Project
- Aim to manufacture 500kv-class HVDC cable, the highest voltage cable
- Expand overseas mainly in Asia

What is HVDC (High Voltage Direct Current) ?

Compared to alternating current, it is better suited to long-distance, large-capacity transmission with low loss.

It is an important technology that will be installed on the sea floor and contribute to the installation and expansion of wide-area interconnections for transmitting renewable energy such as wind power from remote locations to large consumer areas.



Accelerate the growth strategy through CAPEX in the new plant

HVDC
(Direct current transmission cable)

Japan renewable energy
(Submarine transmission lines + Underground power cable)

Japan ultra-high voltage underground power cable

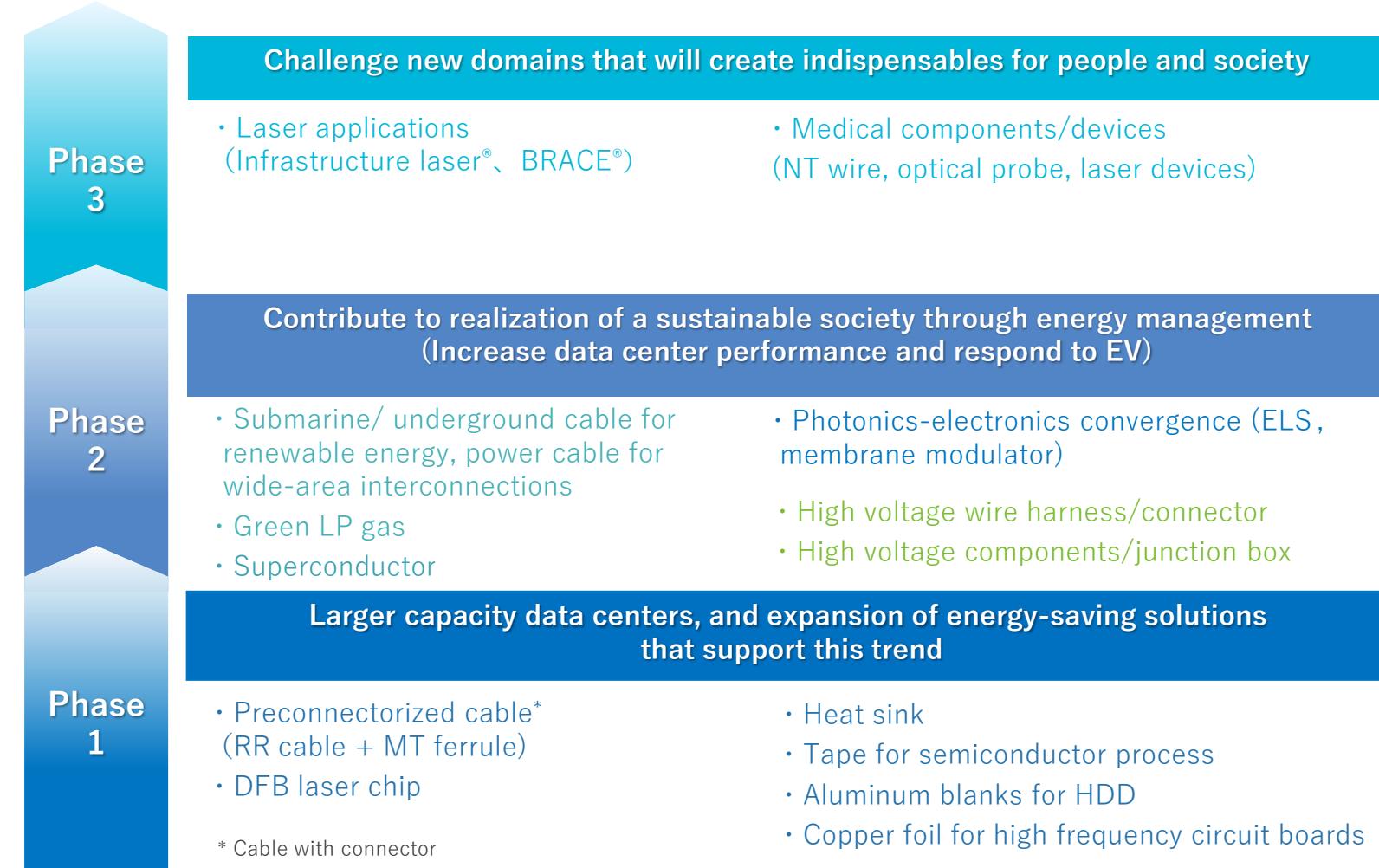
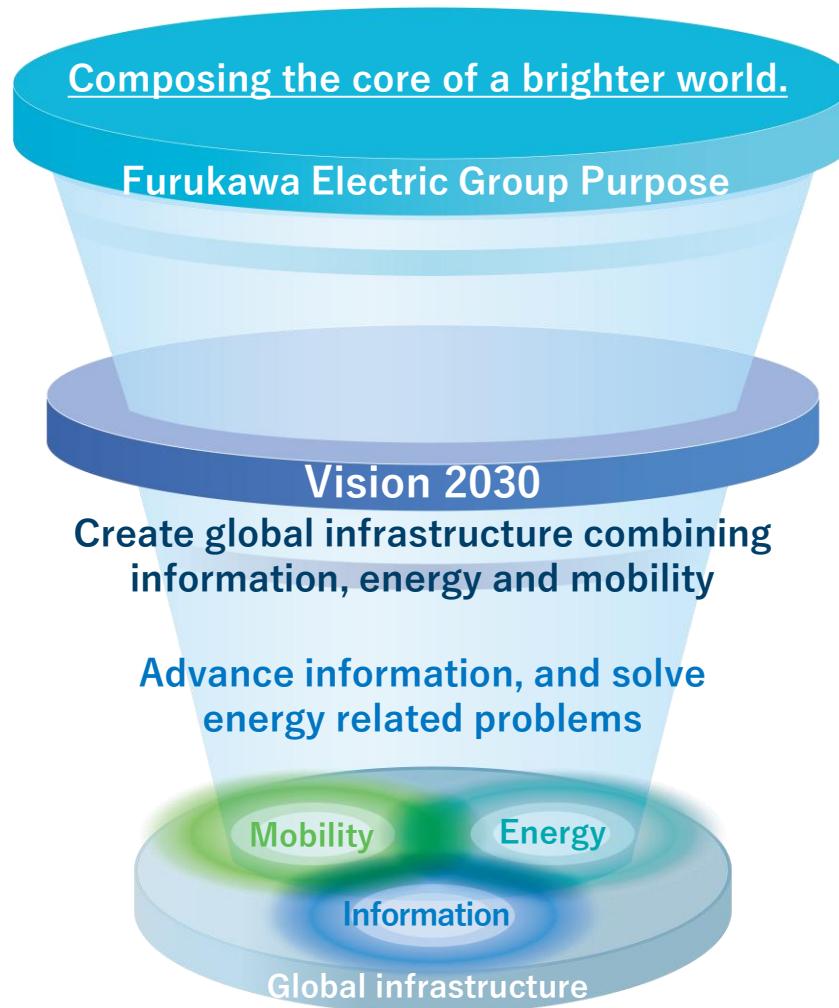
2022

2025

2030

Business/product development towards achieving Vision 2030

By achieving Vision 2030 and embodying the Purpose, we will address a wide range of social issues.



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Financial position and financial results

FY2025 H1 financial results and full-year forecast

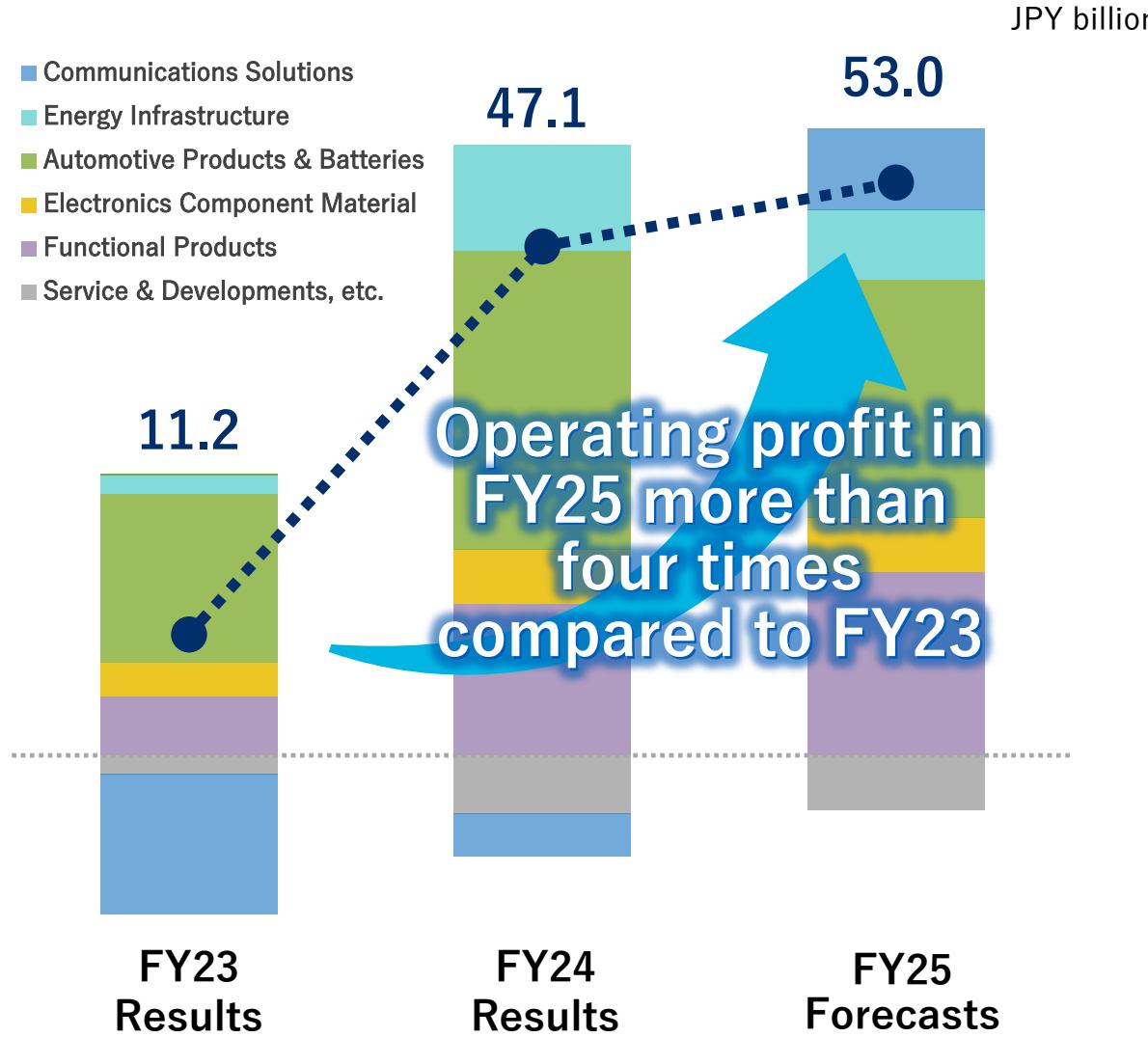
Achieved increased profit on higher revenue year-on-year through Q2, and expect full-year profit to increase compared to last year

	FY24Q2 Cumulative	FY25Q2 Cumulative	Change	FY24 Results	FY25 Current forecasts*	Change
	(Units: JPY billion, JPY/kg, JPY/USD)	a	b	b-a	c	d-c
Net sales	570.4	610.7	+40.3	1,201.8	1,200.0	(1.8)
Operating profit	17.5	19.4	+1.8	47.1	53.0	+5.9
Ordinary profit	19.0	20.5	+1.5	48.6	52.0	+3.4
Profit attributable to owners of parent	11.2	12.9	+1.8	33.4	36.0	+2.6
Average copper price	1,497	1,461	(36)	1,478	1,398	(80)
Average exchange rate	153	146	(7)	153	143	(10)

H2 assumptions
 Copper price:
 JPY 1,335/ kg
 Exchange rate:
 JPY140/USD

Financial targets

Operating profit trend (three fiscal years)



Financial targets (25 Mid-term Plan)

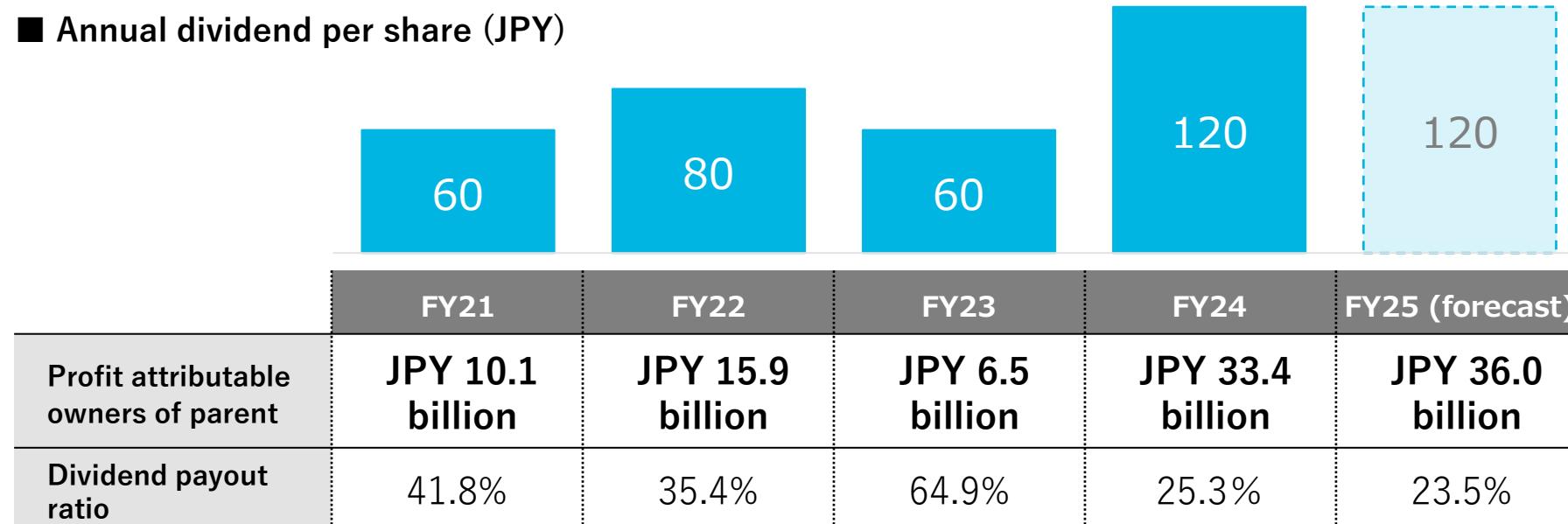
Announced on May 26, 2022

ROE	More than 11%
Capital ratio	More than 35%
Net sales	More than JPY 1,100.0 billion
Operating profit	More than JPY 58.0 billion
Profit attributable to owners of parent	More than JPY 37.0 billion

Shareholder returns

For the year-end dividend, we plan to issue a dividend of JPY 120 per share
(The figures announced on May 13, 2025 remain unchanged)

■ Annual dividend per share (JPY)



Basic policy on shareholder returns

The Company's basic policy is to provide stable and continuous returns to shareholders and to link dividend payments to business performance, with a target of 30% of profit attributable to owners of parent

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ELECTRIC

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Thank You

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**Composing the core
of a brighter world.**

