

Corporate Profile

The Founder's Thoughts

Mr. Ichibei Furukawa, the founder of Furukawa Group, said, based on his wish to **“brighten Japan,”** that “we must

**value employees,
value customers,
value new technology,
and contribute to society.”**

Since its foundation in 1884, Furukawa Electric has inherited these words in its DNA and has grown.

We are determined to receive and pass on these three valuable things and contribute to the realization of a sustainable society as members of society who forge the future.



Founder, Ichibei Furukawa

Furukawa Electric Group's Philosophy System

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.

Core Values



Furukawa Electric Group, Vision 2030

In order to build a sustainable world and make people's life safe, peaceful and rewarding, Furukawa Electric Group will create solutions for the new generation of global infrastructure combining information, energy and mobility.



Medium-term Management Plan 2022~2025 and Vision 2030

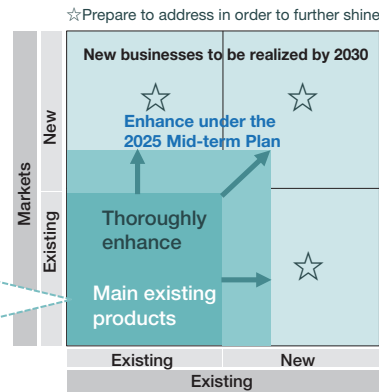
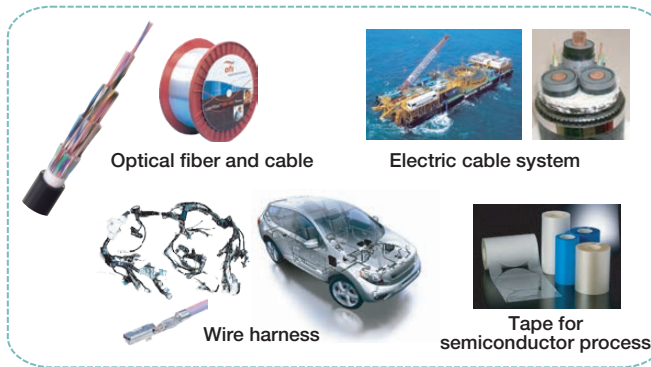
Furukawa Electric Group has formulated a 2025 Mid-term Plan. In order to achieve Furukawa Electric Group Vision 2030, we promote “Maximize profits in existing businesses through a focus on capital efficiency” and “Build a foundation for creating new businesses”.



Forward-looking

Maximize profits in existing businesses through a focus on capital efficiency directed at 2025

Backcasting



Furukawa Electric Group Vision 2030

2025 Goal

Realize growth by strengthening the businesses designed to solve social issues

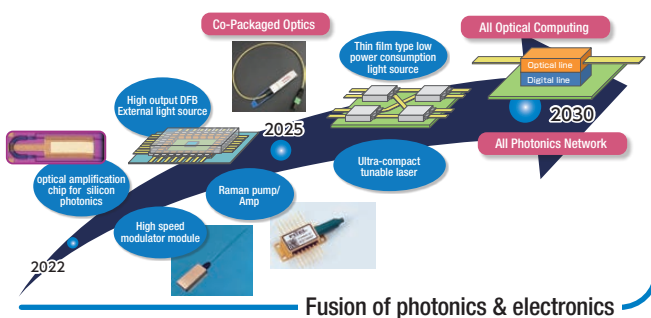
Vision 2030

Leap forward through the creation of businesses designed to solve social issues

Telecommunications

Realize a B5G society

Support through photonics technology and build social infrastructure



Fusion of photonics & electronics

Energy

Become carbon neutral

Through our extensive experience and technological capability, make a tougher infrastructure and realize a recycling-based society

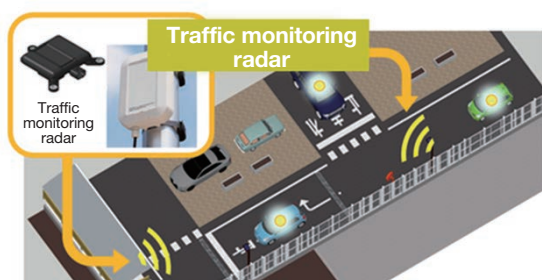


Generate green LP gas for the local production for local consumption

Mobility

Enjoy universal mobility

Realize safe, secure mobility through the provision of components, systems and applications

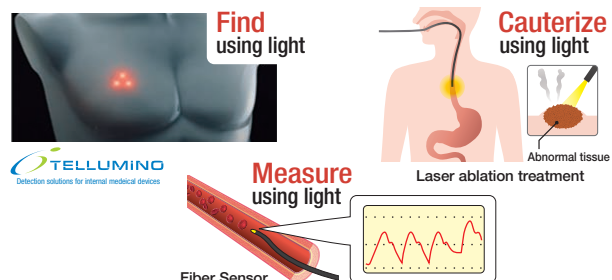


Next generation urban planning

New domain

Social requirements for safety and security

Contribute to safe, reassuring medical treatment through the development of devices with medical grade quality that apply photonics technology



Life sciences

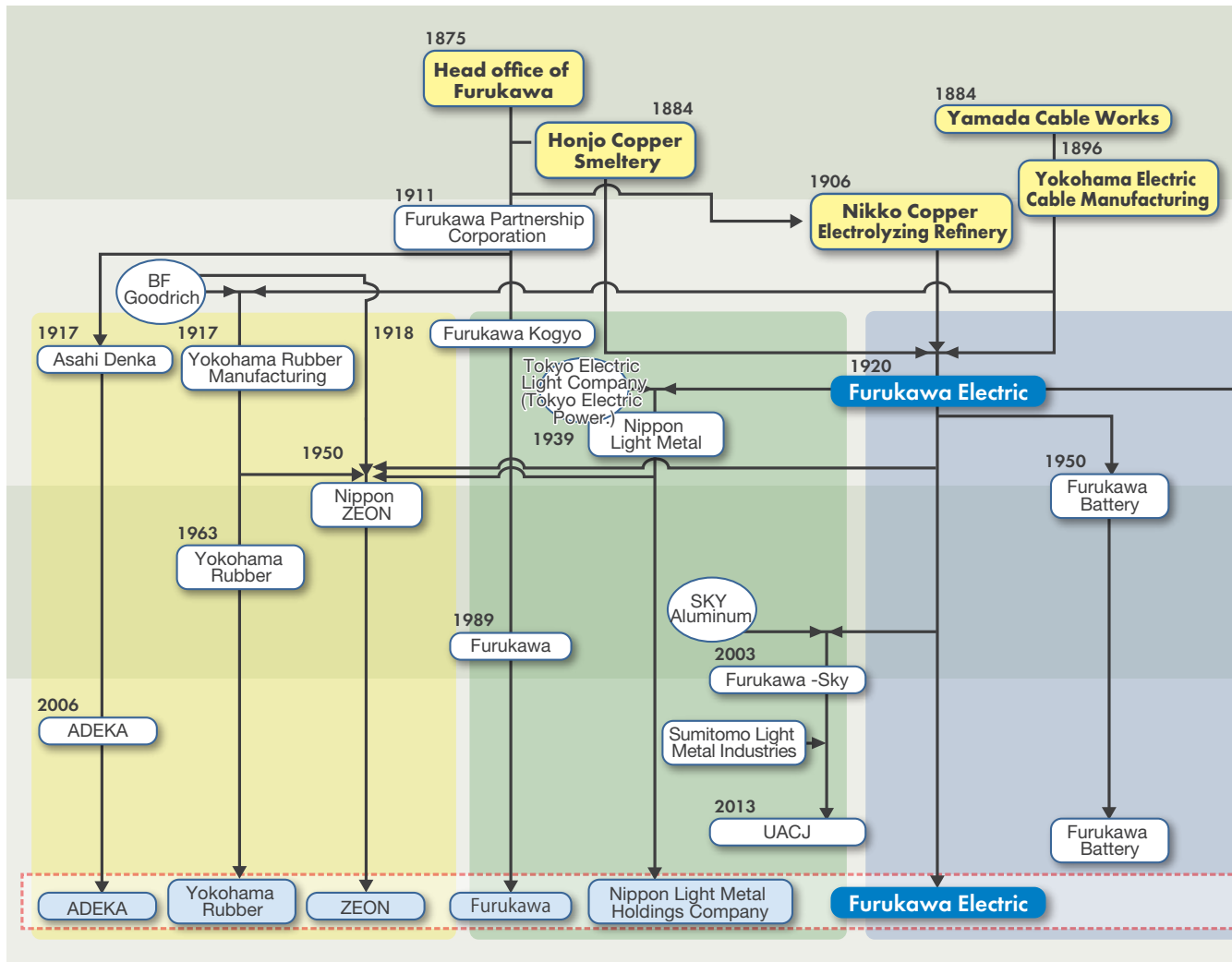
Realize a circular economy

* The above is an example of the business creation in each domain

Brief history of the Furukawa Group companies

The Furukawa Group

The Furukawa Group companies have formed a private organization called Furukawa Sansui-kai, comp the association attempts to foster close cooperation among Group companies and strives to promote



10 managing companies of Furukawa Sansui-kai

Innovation History of Furukawa Electric Group



Opened Honjo Copper Smeltery and Yamada Cable Works
Founded as manufacturers of wrought copper products and electric cable

1884



Started manufacturing electric copper wires

1889



Laid the world's first non-loaded carrier submarine cable in the Tsushima Strait

1897



Developed a fully automatic high-precision six-high rolling mill

1915



Established company in Brazil manufacturing and selling aluminum power cables

1937

Started Japan's first electrodeposit copper trial operations



Manufactured Japan's first submarine electric cable



Installed an antenna and feed line on Tokyo Tower



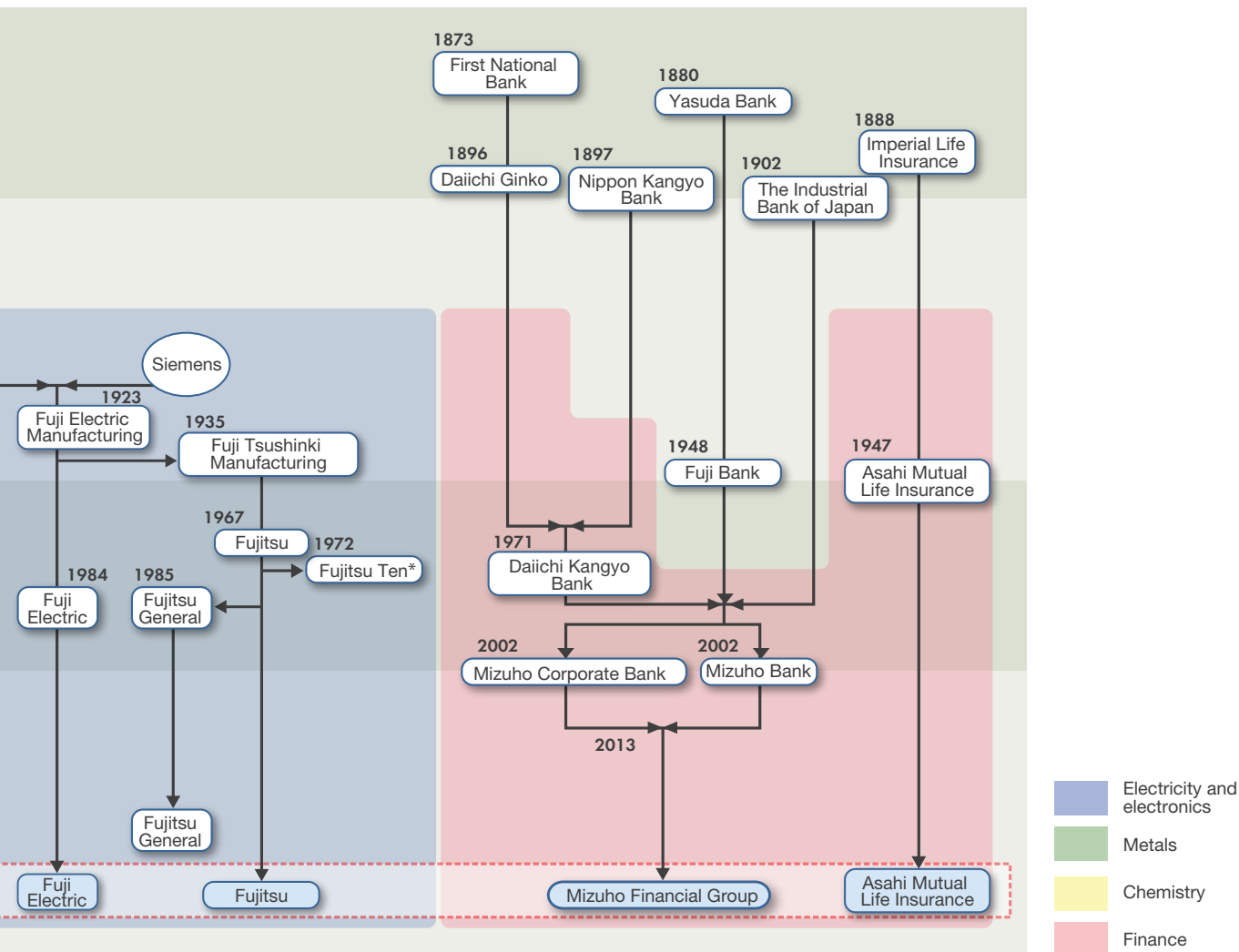
Installed a communications network in Bangkok, Thailand








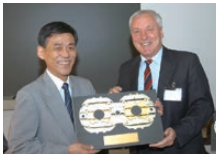
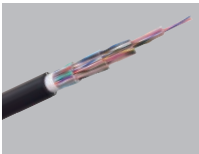
World's first successful field trial of optical fiber cable



rising 51 member companies. Led by 10 managing companies, and strengthen the activities of its respective businesses.



* The company name was changed in 2017 (now DENSO TEN Limited).

 <p>Contributed to the construction of a global network by acquiring Lucent Technologies' optical fiber division (OFS)</p>	 <p>Acquired SuperPower Inc., a high-temperature superconducting materials manufacturer in the US.</p>	 <p>Award of contract for development of high voltage dynamic export submarine wind power plants</p>	 <p>Launching Sales of the "BRACE" Blue-IR Hybrid Laser</p>	 <p>Provided green LP gas derived from biogas as the fuel for the torch at the National Sports Festival in Tochigi Prefecture</p>			
2000	2001	2003	2011	2018	2019	2020	2022
Contributed to the establishment of high-capacity communications based on wavelength multiplexing technology (Mass production of 1480 nm pump laser diode modules)	Received the Golden Hadron Award from CERN for superconducting wire materials	Developed Thin Extra-high Count Multi-core Optical Fiber Cable with the World's Highest Core Density	Established the research center in the Silicon Valley	Started deliveries of high temperature superconducting wire to England-based Tokamak Energy for use in an advanced small fusion reactor prototype (ST-80)			
							



Furukawa Electric Group



Group employees in total

52,757 People

(As of March 31, 2024)



Group companies in total

124 companies^{*1}

(As of March 31, 2024)



Consolidated net sales

1,056.5 billion yen

(Fiscal year ended March 31, 2024)

^{*1}: The total number is parent company, 109 consolidated subsidiaries and 14 equity method affiliated companies.

North and Central America

Group employees in total

5,294 people

Group companies in total

13 companies

Consolidated net sales

120.6 billion yen

United States

Mexico

Colombia

Brazil

Argentina

South America, Europe and others

Group employees in total

2,800 people

Group companies in total

19 companies

Consolidated net sales

78.4 billion yen

Denmark
United Kingdom
Germany
Czech
Hungary
Italy
Spain
Morocco
Russia

China

(Including Hong Kong)

Group employees in total

3,622 people

Group companies in total

18 companies

Consolidated net sales

103.4 billion yen

India

China

Japan

Vietnam

Taiwan

Thailand

Philippines

Malaysia

Singapore

Indonesia

Asia

(Except Japan and China)

Group employees in total

30,395 people

Group companies in total

34 companies

Consolidated net sales

242.8 billion yen

Japan

Group employees in total

10,646 people

Group companies in total

40 companies

Consolidated net sales

511.3 billion yen

^{*}Parent company is included in the number of group companies in Japan.

^{*}Net sales values by regions are calculated by the customers' locations.

Scan here for more information on Furukawa Electric Group⇒
<https://www.furukawa.co.jp/en/company/group/japan.html>



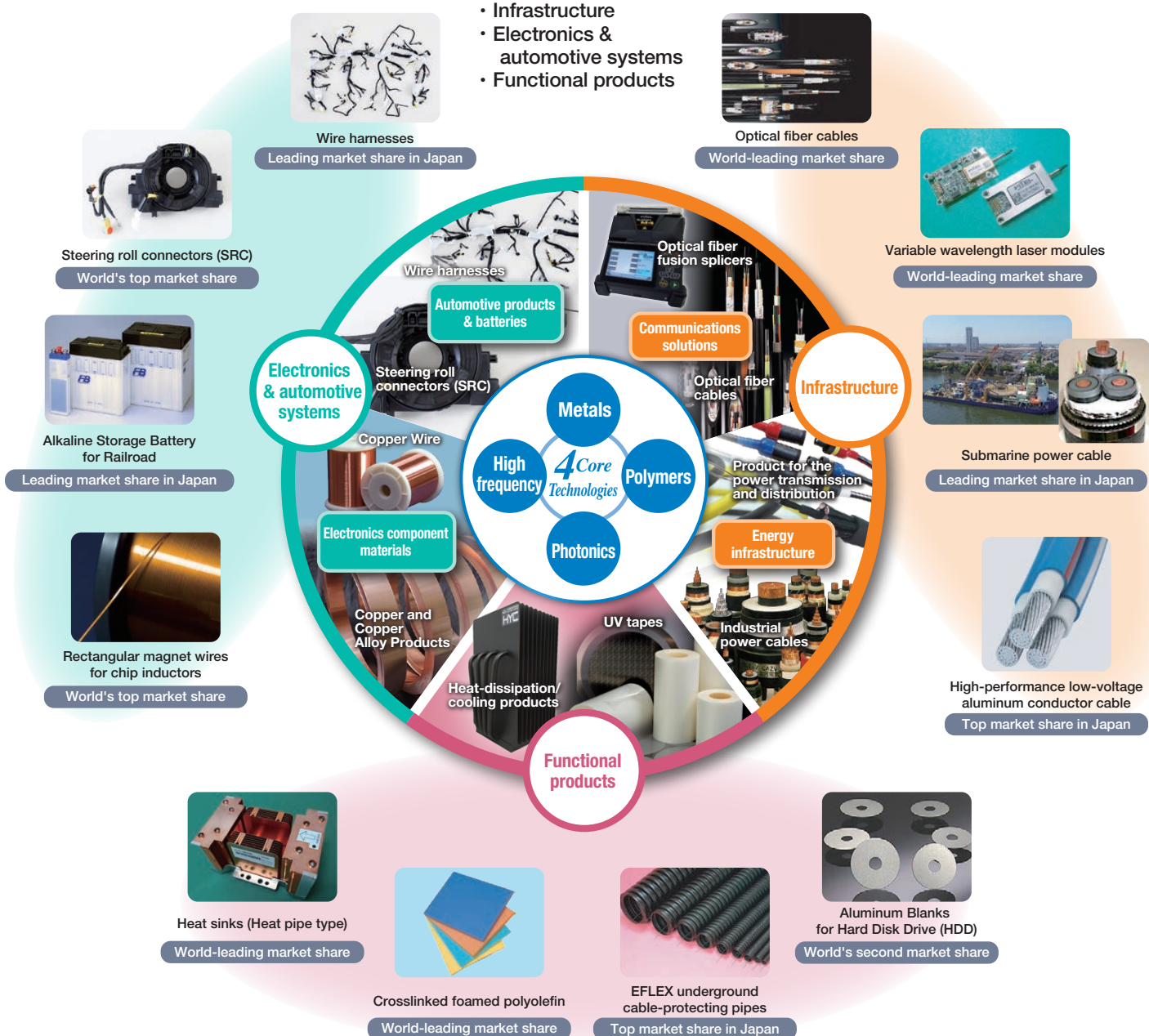
3 business segments with 4 core technologies

Product groups with **top-class market share** in Japan and overseas

3

Business Segments

- Infrastructure
- Electronics & automotive systems
- Functional products



R&D and new business creation activities of the Furukawa Electric Group

Furukawa Electric Group is carrying out R&D with the aim of creating the new generation of global infrastructure combining information, energy and mobility in order to “build a sustainable world” and “make people’s life safe, peaceful and rewarding”.

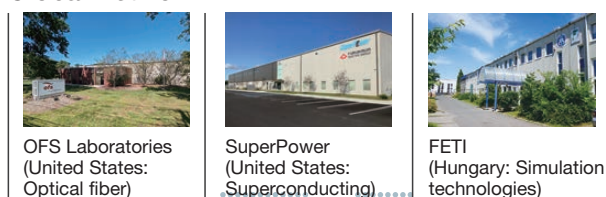
R&D activities

Our group currently operates research laboratories in Japan and overseas. Our overseas facilities include OFS Laboratories, LLC, Furukawa Electric Institute of Technology Ltd. (FETI), SuperPower Inc. and Silicon Valley Innovation Laboratories, Furukawa Electric (SVIL). Along with advancing digitalization through the Digital Innovation Center, we are working to strengthen the marketing and incubation functions through the Social Design & New Business Development Department and are actively promoting the creation of new businesses.

Network of Japan



Global Network



Scan here for more information on R&D⇒
<https://www.furukawa.co.jp/en/rd/>

Research & Development Division

Strategic Planning Department

(Head Office • Yokohama)

Sustainable Technology Laboratory

(Yokohama • Hiratsuka)

Electronics Laboratory

(Yokohama • Chiba • Hiratsuka • Nikko • Shiga)

Photonics Laboratory

(Yokohama • Chiba • Hiratsuka • Mie)

Material Laboratory

(Yokohama • Chiba • Hiratsuka • Nikko • Imaichi)

Superconducting Products Department

(Nikko)

Intellectual Property Department

(Yokohama • Chiba • Hiratsuka • Shiga)

Strategy Division

Digital Transformation & Innovation Center

(Head Office • Yokohama)

Global Marketing Sales Division

Social Design & New Business Development Department

(Head Office • Yokohama • Chiba • Hiratsuka)

R&D and new business creation activities aimed at realizing Vision 2030

Pick up!

Maintenance and inspection solutions for social infrastructure

Utilizing original DX technology of Furukawa Electric Group, in addition to Michi-ten® that contributes to solving the issues related to roadside equipment management, we have newly developed Tetsu-ten® to assist railroad operators. Tetsu-ten® will contribute to streamlining inspection operations in line with the style of each railroad operator.



Michi-ten® series of maintenance and inspection support solutions for roadside equipment
<https://www.furukawa.co.jp/infra-maintenance/>



Tetsu-ten® maintenance and inspection support solutions for railway equipment
<https://www.furukawa.co.jp/tetsuten/>

Pick up!

High temperature superconducting (HTS) wire for a fusion reactor

Started supplying high temperature superconducting (HTS) wire for ST80-HTS, the world’s first high field spherical tokamak fusion reactor with commercial scale. We will promote businesses designed to solve social issues and contribute to the accession of sustainable energy.

HTS : High-Temperature Superconductivity



©Tokamak Energy Co., Ltd.
 Manufacture of ST-80 magnet coils

Pick up!

Infralaser™

Through surface treatment solutions that apply the accumulated industrial laser technology, Infralaser reduces the impact on the environment and human health when removing rust and paint from existing structures such as railways, ships and bridges. In addition, it contributes to streamlining maintenance operations.



Removing rust and paint using the Infralaser™



“Strengthening and transforming the businesses” to become a corporate group that further benefits society

Furukawa Electric Group has established the purpose of “Composing the core of the brighter world” on the occasion of celebrating its 140th anniversary this year.

Since the founding of the company in 1884, we have focused our businesses on the transmission, connection and storage of energy, information and heat, and based on our four core technologies of “Metals”, “Polymers”, “Photonics” and “High-frequency”, we provide a wide range of technologies, products and services to the field of infrastructure, including telecommunications and energy, as well as to the automotive products and electronics.

Carrying on the words of our founder, Ichibei Furukawa, who said “Value employees, value customers, value new technology, and contribute to society”, we are striving to embody our group’s “Core Values” of achieving “Innovation” from a standpoint of “Integrity”, pursuing “Ownership and Speed” while “Addressing Reality” and carrying out the business activities through “Collaboration” as a team, and through this, we will contribute to the realization of a sustainable society.

There are concerns about a slowdown in economic activity given the uncertain global affairs, but at the same time, the implementation of DX is accelerating in a wide range of domains. In addition, there are growing demands from society for the achievement of SDGs and realization of carbon neutrality.

Directed at achieving “Furukawa Electric Group Vision 2030”, we will develop new technologies, products and services that contribute to solving the social issues. In addition, we will work to strengthen and transform the businesses and further enhance the trust and expectations from all of our stakeholders.

President Hideya Moridaira

Company name: Furukawa Electric Co., Ltd.
President: Hideya Moridaira
Founded: 1884
Established: June 25, 1896
Paid-in capital: 69,395 million yen *
Net sales: 1,056,528million yen (Consolidated) **
296,766million yen (Non-Consolidated) **
Employees: 52,757 (Consolidated) *
4,335 (Non-Consolidated) *
Head office: Tokiwabashi Tower 6-4,
Otemachi 2-chome, Chiyoda-ku, Tokyo
100-8322 Japan

*As of March 31, 2024, **Fiscal year ended March 31, 2024

Scan here for more information
on financial condition⇒



<https://www.furukawa.co.jp/en/ir/achievements/>

Announcing the new “Furukawa Electric Group Purpose” - Composing the core of a brighter world. -

Furukawa Electric Co., Ltd. newly established the “Furukawa Electric Group Purpose” in commemoration of the company’s 140th anniversary.

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.

We have set forth the Purpose indicating our group’s reason for being and revised the structure of the Corporate Philosophy with the hope that employees will take pride in working at the group and this will lead to increased engagement at the group as a whole.

When creating the Purpose, we established a “Purpose Project Team” made up mainly of young employees who will form the next generation of leaders and discussed with group employees in Japan and overseas through multiple opportunities for dialogue.

The Purpose indicates our group’s reason for being is to create “indispensables” as the core of a better future by honing our technological and problem-solving capabilities since our foundation to approach various social issues and take on the challenges.

Also, while carrying on Furukawa Electric founder Ichibei Furukawa’s desire to “make Japan brighter,” the wording has been revised to reflect the group’s global scale.

Furukawa Electric Group Purpose, website page⇒

<https://www.furukawa.co.jp/en/purpose/>



*The cover uses the key visual of Purpose.

External Evaluation and Certification

Furukawa Electric became a constituent of the following ESG-related indices and received external evaluation and certifications as follows (as of July 31, 2024).

FTSE Blossom Japan Index Series

Furukawa Electric was selected as a constituent of the FTSE Blossom Japan Index Series of FTSE Russell.

Blossom Japan Index Series <https://www.ftserussell.com/products/indices/blossom-japan>



MSCI Nihonkabu ESG Select Leaders Index (*)

Furukawa Electric was selected as a constituent of the MSCI Nihonkabu ESG Select Leaders Index.

MSCI Nihonkabu ESG Select Leaders Index <https://www.msci.com/our-solutions/indexes/nihonkabu-esg-select-leaders-index> (only available in Japanese)

2024 CONSTITUENT MSCI NIHONKABU
ESG SELECT LEADERS INDEX

Morningstar Japan ex-REIT Gender Diversity Tilt Index (GenDi J)

Furukawa Electric was selected as a constituent of the Morningstar Japan ex-REIT Gender Diversity Tilt Index (GenDi J). The constituents are categorized into five groups, with us being classified in Group 3, the third from the top.

S&P/JPX Carbon Effectiveness Index

Furukawa Electric was selected as a constituent of the S&P/JPX Carbon Efficient Index, within the “Capital Goods” industry group, with decile classification “8”, carbon disclosure status as “disclosed” and TCFD status as “Integrated”.



SBT (Science Based Targets)

Furukawa Electric Group’s targets for reducing greenhouse gas emissions by 2030 were certified by the SBT (1.5oC).



CDP

Furukawa Electric received an “A-” score for each “Climate Change”, “Water Security” and “Supplier Engagement Rating (SER)” of the CDP in 2023.

MSCI ESG Rating (*)

Furukawa Electric received “BBB” for the MSCI ESG Rating.



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Participation in initiatives

UN Global Compact

Furukawa Electric signed the UN Global Compact on February 24, 2020. Going forward, our group will work as a multinational corporation to comply with and realize the 10 principles set forth in the UN Global Compact and promote achieving the SDGs.

In September 2020, Furukawa Electric signed the “Statement from business leaders for renewed global cooperation” that was submitted by the UN Global Compact to the UN Secretary-General with the aim of further bringing together national governments and private corporations.



Task Force on Climate-related Financial Disclosures

Furukawa Electric agreed to the proposals of the Task Force on Climate-related Financial Disclosures (TCFD) in January 2020.



Sustainable Development Goals

Furukawa Electric will contribute to the achievement of the “Sustainable Development Goals (SDGs)” adopted by the United Nations.



For details, please see Furukawa Electric’s website.

External evaluation <https://furukawaelectric.disclosure.site/en/themes/109>

Participation in initiatives <https://furukawaelectric.disclosure.site/en/themes/110>



FURUKAWA ELECTRIC CO., LTD. <https://www.furukawa.co.jp/en/>

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