

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 Philosophy

Corporate Philosophy

Drawing on more than a century of expertise in the development and fabrication of advanced materials, we will contribute to the realization of a sustainable society through continuous technological innovation.

Management Philosophy

With an eye to the future, the Furukawa Electric Group management team pledges to:

- Live up to the expectations and trust invested in us by society, with fairness and integrity.
- Apply the sum total of our expertise to satisfy our customers and grow with them.
- Continuously strive to achieve world-class technological innovation, and transform ourselves in every area of endeavor.
- Nurture human resources at every level, so that we can become a more diverse and creative organization.

Core Value



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

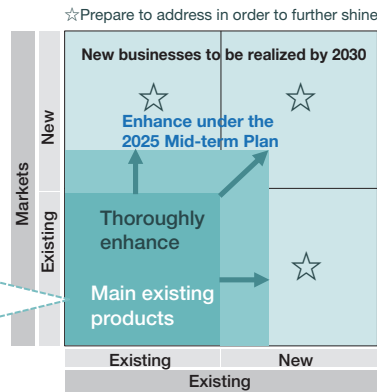
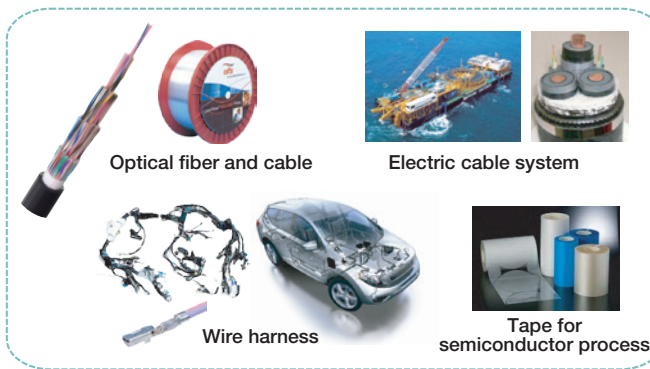
Furukawa Electric Group has formulated a 2025 Mid-term Plan. In order to achieve Furukawa Electric Group Vision 2030, we promote “Maximize profits in existing businesses through a focus on capital efficiency” and “Build a foundation for creating new businesses”.



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

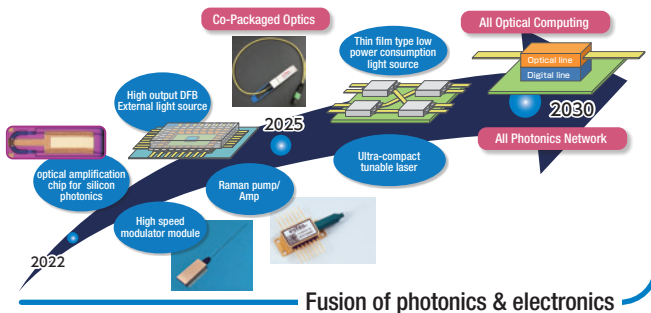
Vision 2030

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

Telecommunications

Realize a B5G society

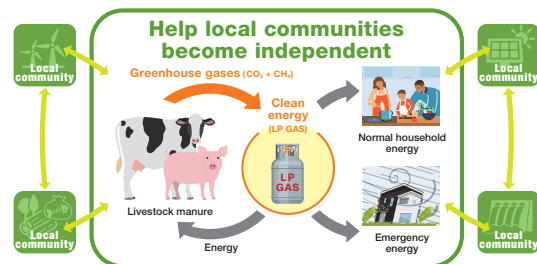
Support through photonics technology and build social infrastructure



Energy

Become carbon neutral

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

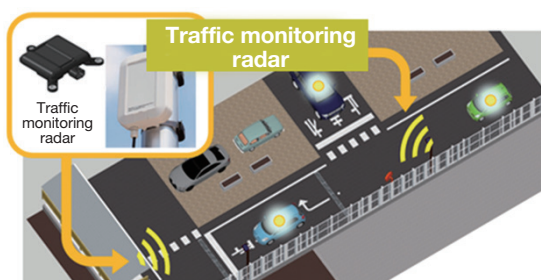


Generate green LP gas for the local production for local consumption

Mobility

Enjoy universal mobility

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

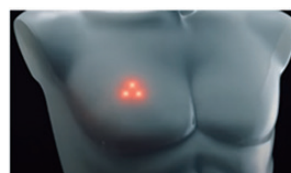


Next generation urban planning

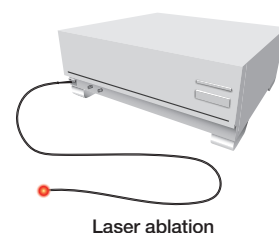
New domain

Social requirements for safety and security

With applying photonic technology, it contributes to the improvement of medical standards.



TELLUMING
Detection solutions for internal medical devices



Laser ablation

Life sciences

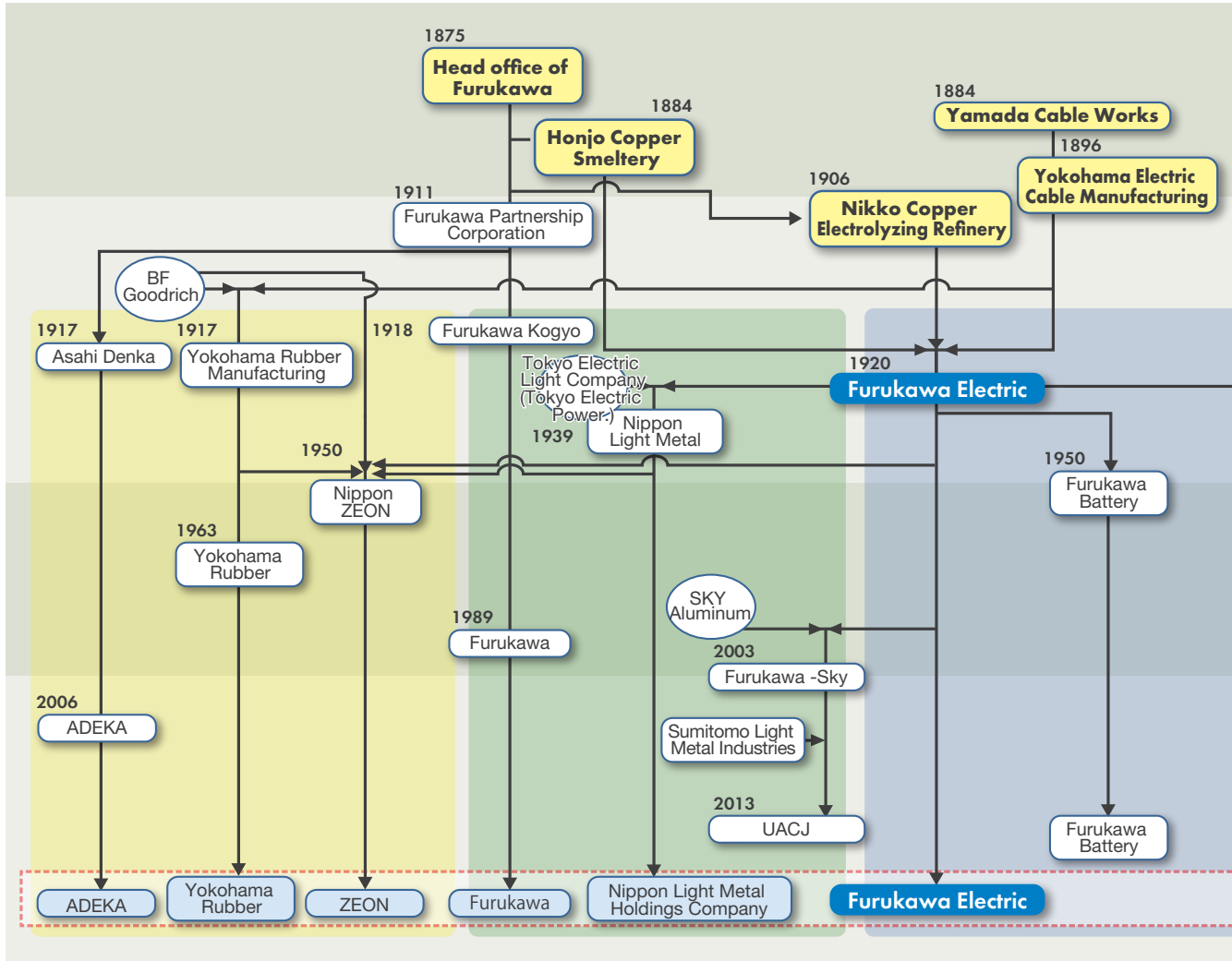
Realize a circular economy

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

Brief history of the Furukawa Group companies

The Furukawa Group

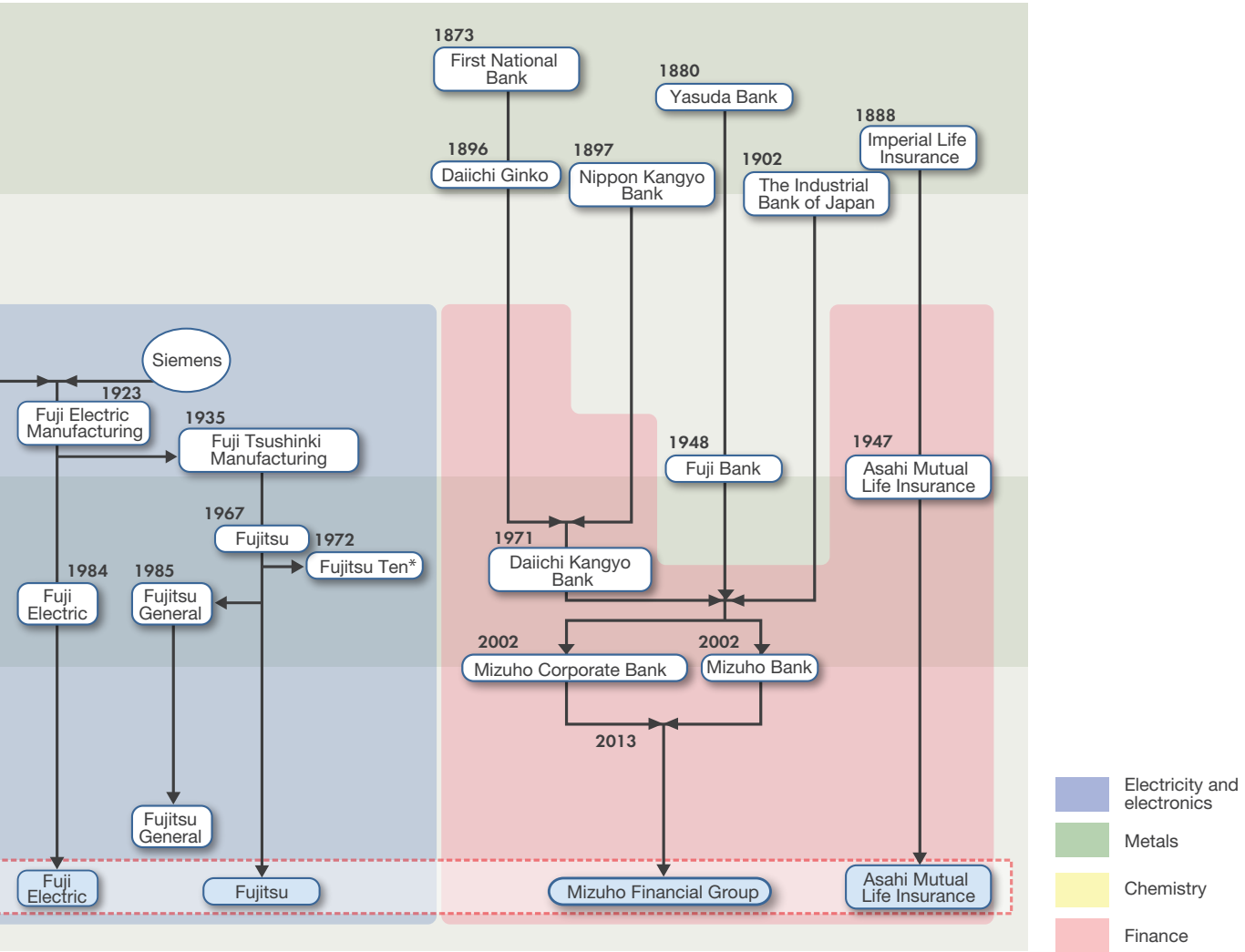
The Furukawa Group companies have formed a private organization called Furukawa Sansui-kai, comp the association attempts to foster close cooperation among Group companies and strives to promote





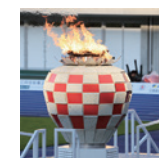
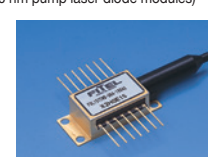






10 managing companies of Furukawa Sansui-kai

Innovation History of Furukawa Electric Group									
	Opened Honjo Copper Smeltery and Yamada Cable Works Founded as manufacturers of wrought copper products and electric cable	Started manufacturing electric copper wires	Laid the world's first non-loaded carrier submarine cable in the Tsushima Strait	Developed a fully automatic high-precision six-high rolling mill	Established company in Brazil manufacturing and selling aluminum power cables				
	1884	1889	1897	1915	1937	1958	1964	1971	1974
	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.



 <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 cable for floating offshore 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
<p>Contributed to the establishment of high-capacity communications based on wavelength multiplexing technology (Mass production of 1480 nm pump laser diode modules)</p> 	<p>Received the Golden Hadron Award from CERN for superconducting wire materials</p> 	<p>Developed Thin Extra-high Count Multi-core Optical Fiber Cable with the World's Highest Core Density</p> 	<p>Established the research center in the Silicon Valley</p> 	<p>Started deliveries of high temperature superconducting wire to England-based Tokamak Energy for use in an advanced small fusion reactor prototype (ST-80)</p>  <p>© Tokamak Energy Co., Ltd.</p>			

Furukawa Electric Group

Group employees in total

51,314 People
(As of March 31, 2023)

Group companies in total

127 companies*¹
(As of March 31, 2023)

Consolidated net sales

1,066.3 billion yen*²
(Fiscal year ended March 31, 2023)

*1 :The total number is parent company, 111 consolidated subsidiaries and 15 equity method affiliated companies.
*2 :Based on location of customers

North and Central America

Group employees in total

5,137 people

Group companies in total

13 companies

Consolidated net sales

127.8 billion yen

United States

Mexico

Colombia

Brazil

Argentina

South America, Europe and others

Group employees in total

3,295 people

Group companies in total

20 companies

Consolidated net sales

91.9 billion yen

Denmark

Russia

United Kingdom

Germany

Czech

Hungary

Italy

Spain

Morocco

China

Group employees in total

4,180 people

Group companies in total

19 companies

Consolidated net sales

104.3 billion yen

India

China

Japan

Vietnam

Taiwan

Thailand

Philippines

Malaysia

Singapore

Indonesia

Asia

(Excluding Japan and China)

Group employees in total

28,200 people

Group companies in total

34 companies

Consolidated net sales

224.9 billion yen

Japan

Group employees in total

10,502 people

Group companies in total

41 companies

Consolidated net sales

517.4 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.



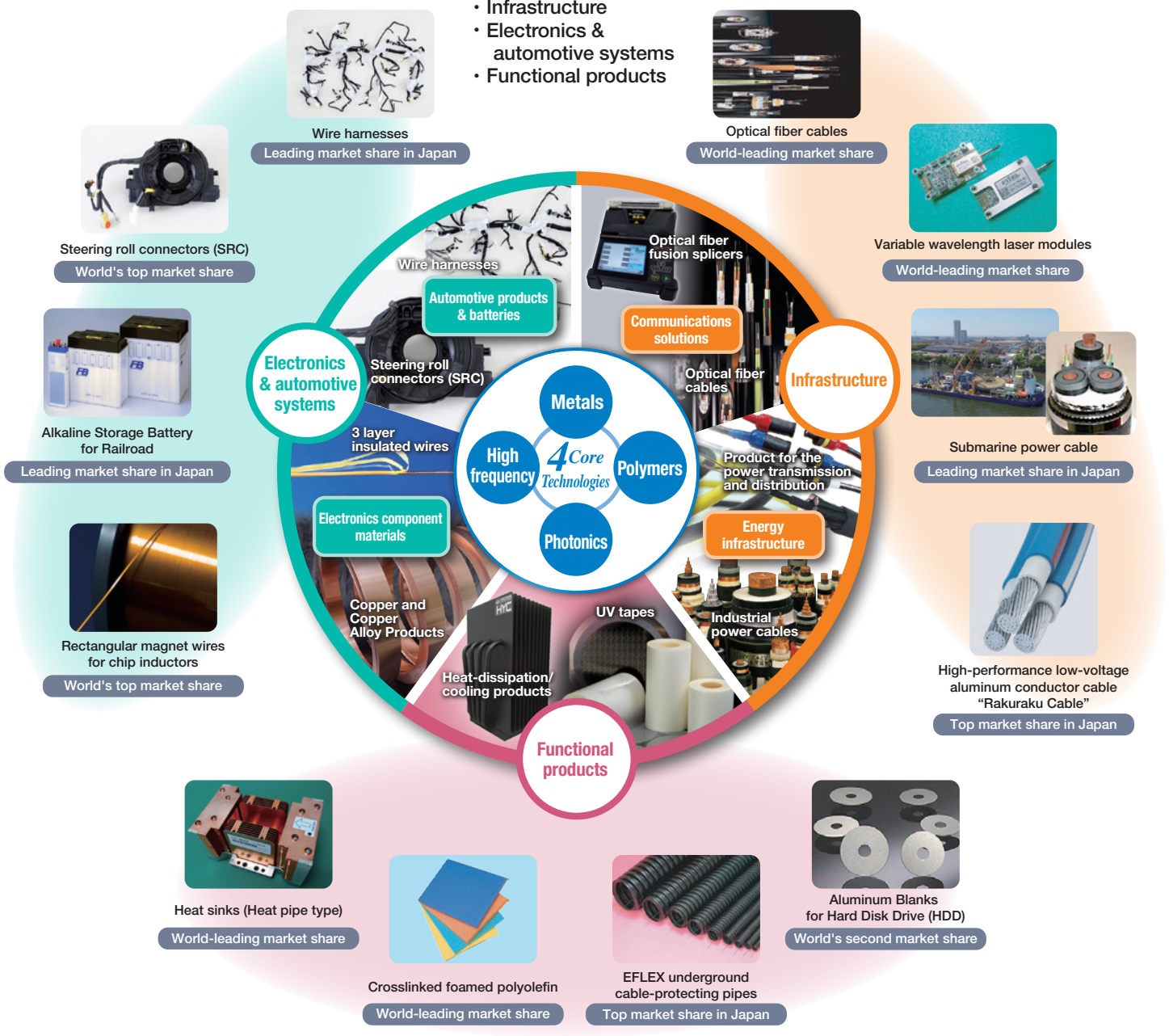
3 business segments with 4 core technologies

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

3

Business Segments

- Infrastructure
- Electronics & automotive systems
- Functional products



Scan here for more information on products ⇒ <https://www.furukawa.co.jp/en/product/>



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”.

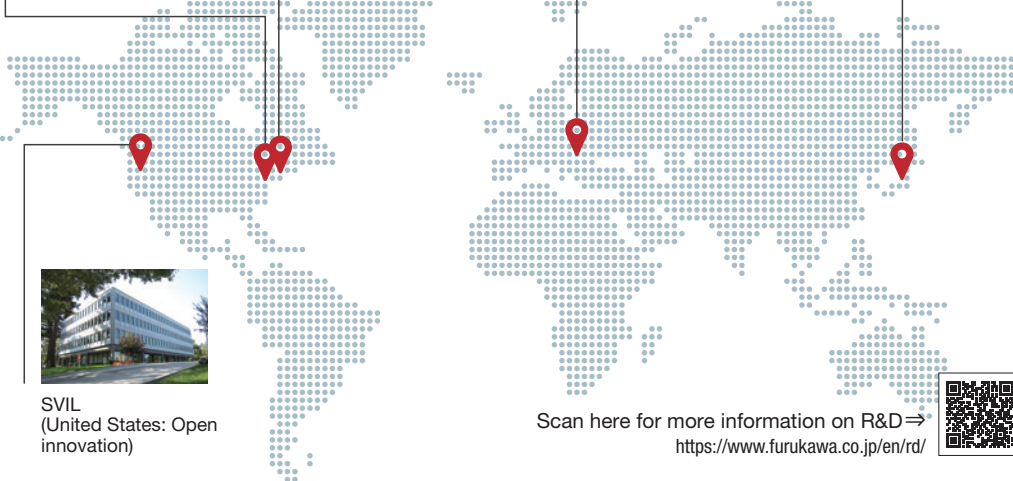
R&D activities

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 / Inspection Support Solution for Roadside Equipment

Digital transformation by Furukawa Electric that realizes efficient maintenance of roadside equipment. We will further refine our unique digital technology and contribute to solving the issues related to road management.

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

The infralaser applies industrial laser technology to realize surface processing solutions that reduce the impact of infrastructure rust and coating removal on health and the environment. In addition, it contributes to increased maintenance work efficiency.

Testing space in the Infralaser Laboratory



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

Furukawa Electric Group has set forth “Drawing on more than a century of expertise in the development and fabrication of advanced materials, we will contribute to the realization of a sustainable society through continuous technological innovation” as our Corporate Philosophy.

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 Value” 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

A handwritten signature in black ink that reads "H. 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: 1,066,326million yen (Consolidated) **
305,835million yen (Non-Consolidated) **

Employees: 51,314 (Consolidated) *
4,267 (Non-Consolidated) *

Head office: Tokiwabashi Tower 6-4,
Otemachi 2-chome, Chiyoda-ku, Tokyo
100-8322 Japan



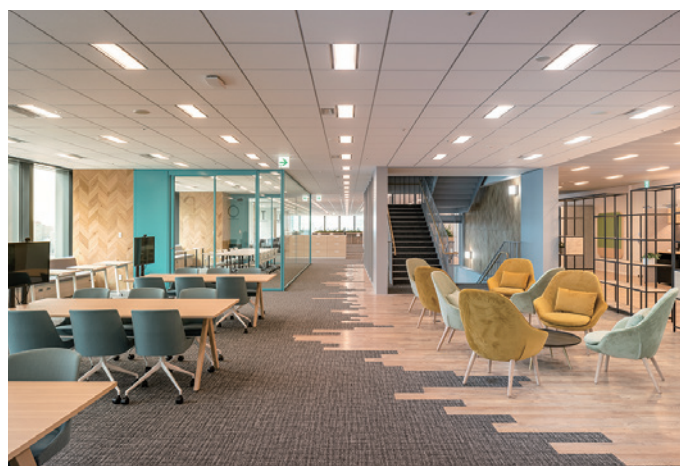
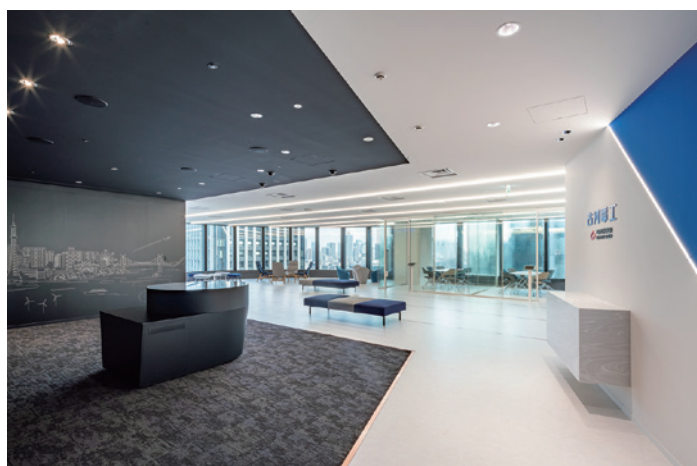
*As of March 31, 2023, **Fiscal year ended March 31, 2023

Scan here for more information on financial condition⇒
<https://www.furukawa.co.jp/en/ir/achievements/>



Office environment that leverages diversity and realizes “new work styles”

In July 2021, the headquarters relocated to the “Tokiwabashi Tower in the Tokyo Torch district”. Each employee has realized “new work styles”, and through improved communication in a more comfortable work environment and increased teamwork and collaboration with multiple people, continued efforts are being made to create even higher value.



Kawasumi • Kobayashi Kenji Photograph Office

Evaluation from outside the company

Furukawa Electric became a constituent of the following ESG-related indices and received external evaluation and certifications as follows during a period from April 1, 2022 to July 31, 2023.

FTSE4Good Index Series / FTSE Blossom Japan Index Series

Furukawa Electric was selected as a constituent of the FTSE4Good Index Series and the FTSE Blossom Japan Index Series of FTSE Russell (June 2023).

FTSE4Good Index Series <https://www.ftserussell.com/products/indices/FTSE4Good>

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



ESG indices

MSCI Japan Empowering Women Index (WIN) (*)

Furukawa Electric was selected as a constituent of the MSCI Japan Empowering Women Index (WIN) (June 2023).

2023 CONSTITUENT MSCI JAPAN
EMPOWERING WOMEN INDEX (WIN)

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

We are 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 2, the second from the top. (December 2022)

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” (June 2023).



ESG evaluation and certification

SBT (Science Based Targets)

The Furukawa Electric Group’s targets for reducing greenhouse gas emissions by 2030 were certified by the SBT (1.5oC) (July 2023).



CDP

Furukawa Electric received an “A-” evaluation for “Climate Change” of the CDP in 2022, and was also selected as a “Supplier Engagement Leader” in the CDP Supplier Engagement Rating (SER) (February 2023).



MSCI ESG Rating (*)

Furukawa Electric received a “BBB” evaluation for the MSCI ESG Rating (April 2023).



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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/>

Head Office : Tokiwabashi Tower 6-4, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8322 Japan

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