



General Overview of 2020 Medium-term Management Plan and FY2021 Management Policy

President & CEO

Keiichi Kobayashi

May 26, 2021 Furukawa Electric Co., Ltd.

Forward-Looking Statements

Projections of future sales and earnings in these materials are "forward-looking statements."

Management offers these projections in good faith and on the basis of information presently available.

Information in these statements reflects assumptions about such variables as economic trends and currency exchange rates.

Forward-looking statements incorporate known and unknown risks as well as other uncertainties that include, but are not limited to, the following items.

- Economic trends in the U.S, Europe, Japan and elsewhere in Asia, particularly with regard to consumer spending and corporate expenditures.
- Changes in exchange rates of the U.S. dollar, euro, and Asian currencies.
- Furukawa Electric Group's ability to respond to rapid advances in technology.
- Changes in assumptions involving financial and managerial maters and the operating environment.
- Current and future trade restrictions and related matters in foreign countries.
- Changes in the market value of securities held by the Furukawa Electric Group.

Due to the above factors, actual sales, earnings, and other operating results may differ significantly from Looking Statements in these materials. In addition, following the release of these materials, Furukawa Electric Group assumes no obligation to announce any revisions to forward-looking statement in these materials.

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FURUKAWA ELECTRIC CO., LTD.

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(1) Concept and Key Initiatives in the 2020 Medium-term Management Plan





Taking the Group to New Heights



Furukawa G Plan 2020

Group Global Growth

<Key initiatives>

O Strengthen and transform the businesses

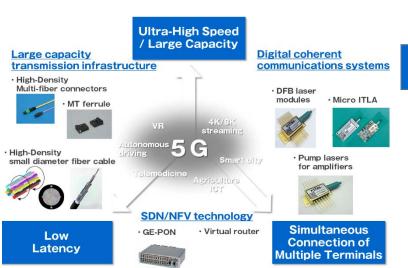
- Strengthen such priority areas as the Infrastructure (Communications Solutions / Energy Infrastructure) and Automotive segments
- Introduce return on operating assets and thoroughly conduct KPI management

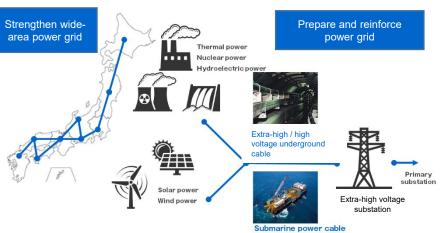
O Expand sales in the global market

- Based on the attributes of each area, pursue synergies within the group
- Expand the optical fiber and cable business overseas
- Target: Overseas sales of JPY 550 billion

O Accelerate the creation of new business

- Growth investments in the focal segments (Infrastructure / Automotive)
- Strengthen open innovation







(2) Review of the 2020 Medium-term Management Plan Change in Business Results

Achieved the milestone

In addition to weakness in the Communications Solutions Division from the second half of FY2018, COVID-19 resulted in a challenging profit environment companywide in FY2020.

However, despite these negative factors, steady improvement has been made to the financial situation.

(In March 2021, the credit rating* was raised from B to A)

			target of at least JPY 35.0 billion in FY2018 2020 Medium-term Management Plan						
	FY2015	FY2016	FY2017 \	FY2018	FY2019	FY2020	Compared to	2020 MTI	MP goals
	Results	Results	Results	Results	Results	Results	2020 MTMP goals	As of May 2016	As of May 2018
Operating income	JPY 27.1 billion	JPY 38.6 billion	JPY 44.8 billion	JPY 40.8 billion	JPY 23.6 billion	JPY 8.4 billion	×	At least JPY 40.0 billion	At least JPY 55.0 billion
Net income attributable to owners of the parent company	JPY 10.0 billion	JPY 17.6 billion	JPY 28.5 billion	JPY 29.1 billion	JPY 17.6 billion	JPY 10.0 billion	×	At least JPY 20.0 billion	At least JPY 30.0 billion
NET D/E ratio	1.2	1.0	0.9	0.8	0.8	0.79	0	-	<0.8
Equity capital ratio	24.5%	27.6%	29.0%	30.3%	30.2%	31.2%	0	-	>30%
ROE	5.5%	9.3%	12.9%	12.0%	7.2%	4.0%	×	>8%	>10%
Return on operating assets	9.1%	12.1%	13.1%	11.2%	6.1%	2.2%	×	At least 10%	At least 10%

*Rating issued by Rating and Investment Information, Inc. (R&I)



(2) Strengthen and Transform the Businesses ~Response to Low-margin / Non-core Businesses

Based on management using "return on operating assets", with consideration for the effective use of management resources group-wide, restructure the businesses, reorganize the locations and revise the business portfolio.

	Major actions		
FY2017	 Restructured the Shenyang power cable site in China Closed the Changchun wire harness site in China Withdrew from the refrigerant pipe business (Okumura Metals) 		
FY2018	•Sold shares of FCM CO., LTD.		
FY2019	•Reorganized the power cable business for the construction and wholesalers market		
FY2020	•Transferred the copper tube, copper tube component and copper plate business to CTJ Holdings 2 Co., Ltd.		
	•Established a magnet wire joint venture with Superior Essex, and transferred the heavy magnet wire business to the joint venture		

In addition, focus on project orders that will generate suitable profits and improving the product mix through increased sales of value added products.

(2) Expand Sales in the Global Market



Based on the market characteristics and customer demand in each area, expand sales and strengthen the manufacturing & sales system.

Global

- Strengthen the optical fiber and cable supply network
- Expand orders for (aluminum) wire harnesses and strengthen the supply network

North America

- Increase production and sales of optical fiber and cable
- > Expand wire harness sales

China / South Korea / Taiwan

- > Expand power cable orders
- > Expand wire harness sales
- Establish a marketing regional headquarters (China)

<u>Japan</u>

- Capture renewable energy demand
- > Strengthen the industrial lasers business
- Strengthen high performance copper foil

Central and South America

Expand the communications solutions business

EMEA

- > Establish an optical cable manufacturing site (in Africa)
- Expand sales of functional plastic products (Railroad and automotive products)
- Expand power cable orders (in Middle East)

Southeast Asia / India

- Strengthen and expand wire harness manufacturing sites
- Establish a thermal management product manufacturing site
- Establish a marketing regional headquarters (Singapore)

(2) Accelerate the Creation of New Businesses



Work to create new businesses, and sow the seeds of multiple new businesses while strengthening the frameworks for co-creation.

OAugust 2016: Established the open laboratory FunLab® inside the Yokohama Works

OSeptember 2017: Established the Advanced Prototyping Center (joint organization of the

R&D Division and Sales Division)

OFebruary 2018: Started a social cooperation program with The University of Tokyo

OMay 2018: Started a cooperative activity with the accelerator Creww Inc. directed at

strengthening the partnerships with venture companies

OAugust 2018: Established SVIL* research center in the Silicon Valley in the US

*SVIL: Silicon Valley Innovation Laboratories

OFebruary 2019: Established the Future Infrastructure Technology Center

OJune 2019: Opened the new FunLab®

OJune 2020: Established the Digital Innovation Center



SVIL research center (US)



Open laboratory new FunLab®

Main new businesses (announced)

- •Solutions business through the use of industrial lasers •Wireless electrical power transmission systems
- Waste plastic recycling business
 Technology for producing LPG with metal encapsulated zeolite™
- •Research into fiber power cable and R&D for satellite power supply (jointly with JAXA)
- ·Creation of roadway fixture inspection maps using AI (Michiten Snap)

Bipolar storage batteries

(2) Accelerate the Creation of New Businesses

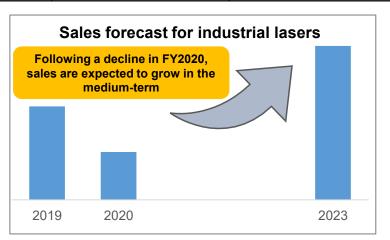


Through the fusion of "materials capability" and "laser machining technology", achieve full-scale commercialization of industrial lasers. Actively promote co-creation and aim to expand the business in the future.

		CAPAIIA II	ic busiliess i	ii tiio iataioi		
August 2017 Development of copper and fiber laser solutions	December 2017 Pure copper welding (Joint development with Furukawa Co., Ltd.)	April 2018 Galvanized steel plate welding	December 2018 Copper foil welding	June 2020 New laser welding solution (Blue laser x near infrared FL) (Partnership with Nichia Corporation)	December 2020 Commercialize laser welding products (Partnership with NITTOKU CO., LTD.)	January 2021 Release hybrid laser BRACE™- I BRACE™: Trademark of Furukawa Electric (pending)
High strength, stable copper welding for vehicle batteries, motors, etc.	Contribute to increased performance of power semiconductors Welding pure copper	Contribute to increased vehicle body strength Welding galvanized steel plates	Contribute to increased lithium-ion battery capacity Welding copper foil	Contribute to manufacturing process automation and increased productivity of the main components for xEV Sputterless processing of pure copper	Laser welding machine for xEV motors	World's highest level of quality, depth and processing speed for welding copper in the main components for xEV

Lithium-ion battery Wire harness





(2) Initiatives for ESG Management and the Results

Full-scale implementation of ESG management directed at achieving the Furukawa **Electric Group Vision 2030 and the SDGs.**

2020

2018

2019

Signed the UNGC*

2021

ESG overall Formulated **Furukawa Electric Group Vision 2030**





- Issued the first integrate report
- Identified the materiality



Environment

Obtained SBT certification



Expressed support for TCFD recommendations



Named to the **CDP "Climate** change A list" in 2020 for the first time



 Formulated Furukawa **Electric Group Environmental** Vision 2050



Social

 Formulated Furukawa **Electric Group People Vision**



 Formulated Furukawa **Electric Group human** rights policy

Formulated "Furukawa Seven"



Governance

- Outside Directors: Increase independence (Appointed 5 independent directors) and diversity (Appointed a female director)
- Outside Audit & Supervisory **Board members: Diversity** (Appointed a female Audit & **Supervisory Board member)**

 Revised Furukawa Electric **Group CSR procurement** guidelines

*Since 2020, Furukawa Electric Co., Ltd. has been committed to the UN Global Compact corporate responsibility initiative and its principles in the areas of human rights, labour, the environment and anti-corruption.

(2) <Summary> Results, issues and future actions



Although there are still issues in regards to securing the earnings ability of the businesses, made progress in the key initiatives.

	Results	Issues / Future actions		
(1) Strengthen and transform the businesses	 Revised the business portfolio KPI management using return on operating assets Established the activities of the Transformation Division (Target businesses: Global Fiber & Cable, Energy Infrastructure, Copper & High Performance Material Products) 	 Insufficient expansion of the key businesses (Communications Solutions) Response to low-margin businesses & sites (Continued) Expand the Transformation Division activities within the group 		
(2) Expand Sales in the Global Market	 Expanded sales and enhanced the manufacturing sites Created a foothold for expanding the sales area through the establishment of marketing regional headquarters (in Southeast Asia, China) 	 Insufficient net sales growth overseas (FY2020 target: JPY 550 billion) (FY2019: JPY 418.8 billion, FY2020: JPY 376.4 billion) Expand the optical fiber and cable business 		
(3) Accelerate the creation of new businesses	 Strengthened the frameworks for co-creation Opened FunLab®, Established SVIL in the US Strengthened the creation of new businesses Established Future Infrastructure Technology Center, Digital Innovation Center Fostered new businesses through co-creation and sowed the seeds of new businesses Industrial lasers, bipolar storage batteries and metal encapsulated zeolite™ 	•Clarify the key domains Going forward, the Social Design & New Business Development Department (newly established in April 2021) will be responsible for execution, and efforts will be made to accelerate the creation of products and businesses under this new organizational framework		

Formulated a vision for 2030, and accelerated the full-scale measures for ESG management

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(1) Vision 2030 and the Key Management Issues (Materiality) FURUKAWA ELECTRIC

Identify the key management issues directed at achieving the Furukawa Electric Group Vision 2030.



(2) Value Creation Process



Revenue opportunities materiality: "Create businesses that solve social issues" and create value.

Furukawa Electric Group Corporate Philosophy

Furukawa Electric Group's business model and strengths

4 core technologies

Development and proposal capabilities not limited to particular markets

Trust from customers

Communications Solutions	Focus
Energy Infrastructure	Focus
Automotive Products	Focus
Electronics Component Materials	Support
Functional Products	Support

Open, Agile, Innovative

Form partnerships with diverse stakeholders

New business models, reinforce the strengths

P10, 24, 28
Industrial lasers business
Bipolar storage batteries business

Strengthen and transform businesses with an awareness of capital efficiency P32, 33

Strengthen management focus on capital efficiency

Growth through the creation of businesses that solve the social issues

Businesses that support nextgeneration infrastructure

Environment-friendly businesses

Life science business Produce LPG from manure P29, 30

Stabilize earnings in information, energy and mobility and contribute to an integrated society

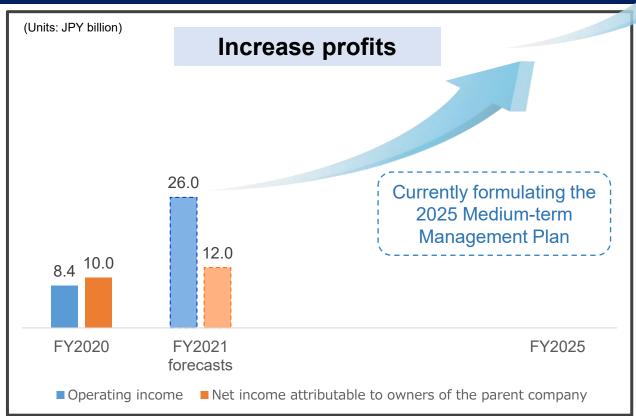
High speed, large volume information transmission infrastructure business Renewable energy related business Automotive products that support advancements in CASE P17 \sim 24

Strengthen the ESG management foundation: Climate change, strengthen human capital management and organization execution abilities, build a governance system

(3) Directed at the Next Medium-term Management Plan (2025 MTMP)

<FY2021 Management policy>

- Transform businesses (continued)
- Establish and foster new businesses
- Strengthen management focus on capital efficiency



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.



(4) Strategies Directed at Growing the Main Businesses **FURUKAWA** Information Transmission Infrastructure that can Handle Increased Data Traffic ELECTRIC

Following advances in 5G, data traffic will increase over the medium to long-term. Support the growth of information transmission infrastructure such as base stations and data centers through a wide range of products.

Communications Solutions

Optical fiber and cable (Optical cabling solutions)

Rollable ribbon cable





- Optical fiber fusion splicer
- Multicore cable connectors





cross section

Optical devices

Digital coherent communication light sources



Functional Products

Used at data centers:

Aluminum blanks for HDD



Used at data centers:

Thermal management products



Used in the semiconductor wafer process:

Tape for semiconductor process



Used in telecommunications devices such as servers and routers:

Electrolytic copper foil for printed wiring **boards**



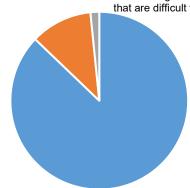
Social issues



Sales (estimate)* (FY20: About JPY 180 billion)

Advances in 5G/B5G, Increased

* Excluding sales of some products that are difficult to categorize



Electronics Component Materials

Copper strips for power semiconductors and submarine optical fiber cable

Oxygen-free copper strips (GOFC)







Energy Infrastructure

(Industrial cable & power cable accessories

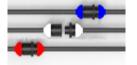
Used at data centers:

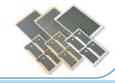
Cable and connectors

Used at data centers:

Heat dissipation sheets







Communications Solutions

Functional Products

Other

(4) Strategies Directed at Growing the Main Businesses FURUKAWA Information Transmission Infrastructure that can Handle Increased Data Traffic ELECTRIC

Strengthen the Optical Fiber and Cable Business in Europe and the Americas, and Increase Profits

- Accelerate profit growth in the Americas by securing a local production and sales network and customer base.
 - **⇒** Increase productivity and cost competitiveness
 - Enhance the product portfolio High value added products such as rollable ribbon cable (For data centers, for submarine power cable, for non-telecommunications applications)

Expand the solutions services - Fusion of optical components, connectivity and wireless

Support
telecommunications
technology
and
social developments

Improve optical cable profits in North America

In FY2020, due to decreased attendance caused by COVID-19, it was difficult to improve skill levels and improve productivity at the plant, resulting in an inability to achieve the profit targets.

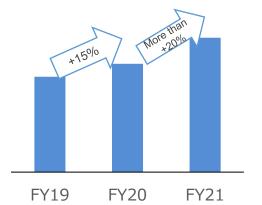


- As vaccinations progress, attendance is expected to improve (Maintain the measures to prevent infection)
- Continue to provide technical support from Japan

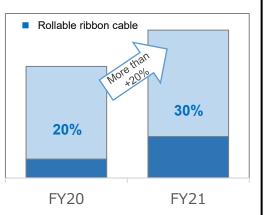
Increase production + Enhance employee training

Sales are forecast to increase more than 20% in FY2021 Ratio of rollable ribbon products will also increase



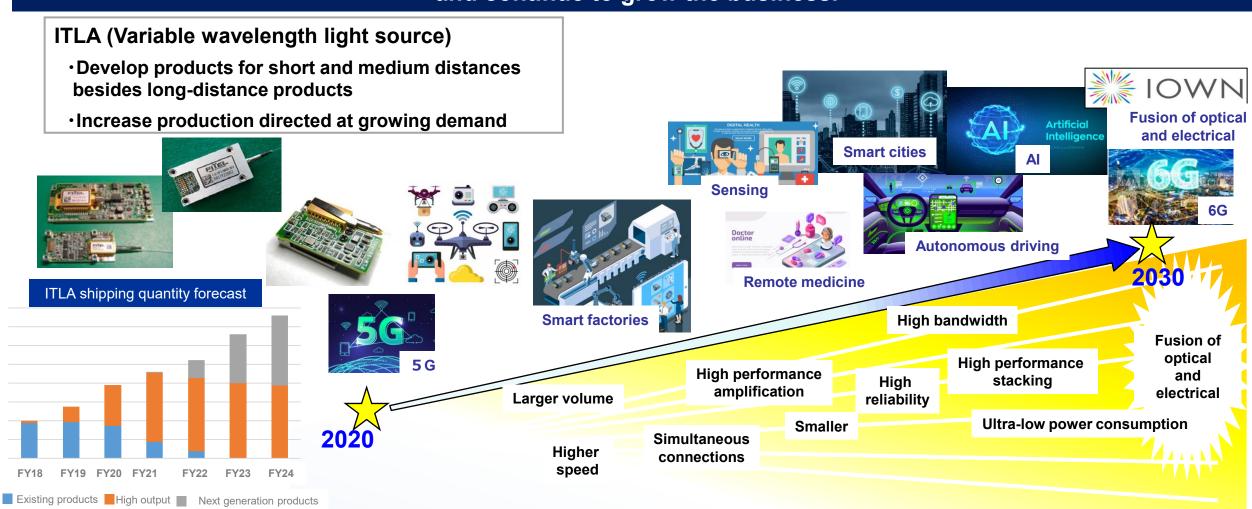


North America optical cable sales forecast



(4) Strategies Directed at Growing the Main Businesses FURUKAWA Information Transmission Infrastructure that can Handle Increased Data Traffic ELECTRIC

By continuing to launch new optical device products and providing stable supply, support the optical communications infrastructure that is evolving toward a fusion of optical and electrical, and continue to grow the business.



(4) Strategies Directed at Growing the Main Businesses Focus on Renewable Energy Related Business



Directed at achieving carbon neutral in 2050, based on a policy of maximizing the use of renewable energy, mainly offshore wind power installation will expand in Japan. Provide a product lineup that supports this growing market, including solar power.

Energy Infrastructure

Power cable

- Extra-high voltage and high voltage underground power cable, components and installation
- Submarine power cable and installation





Used in solar power modules: **Various cables**



Used at solar power stations: Aluminum conductor cable



Social issues:

Realize a carbon-free society, Realize tougher infrastructure

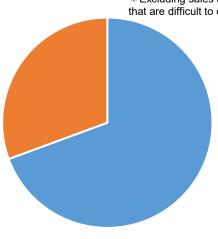






Sales (Estimate)* (FY20: About JPY 10 billion)

* Excluding sales of some products that are difficult to categorize



Functional Products

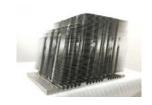
Used at solar power stations:

Green troughs



Used in solar power inverters, etc.:

Thermal management products



Electronics Component Materials

Copper strips for cable

For screen printing of electrodes for solar power panels: **Ultra-thin SUS wire**



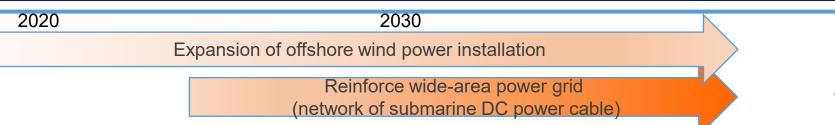


Functional Products, etc.

(4) Strategies Directed at Growing the Main Businesses Focus on Renewable Energy Related Business



Directed at the growing power cable demand for offshore wind power, continue to conduct sales activities, expand production and develop technology.



(Sales activities) Including design cooperation during the design stage, actively promoting sales activities (Production capacity) Increasing as planned (already increased about 50%* in FY20)

*Plan to invest about JPY 15 billion between 2018-2025 (8 years)

(Installation capability) Currently increasing, including enhanced hiring activities and partnerships with associate companies

(Plan: Double in FY25 compared to FY17)

(Technology development) Promoting development that includes a response for the medium to long-term growth in submarine power cable demand

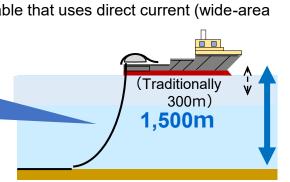
- ·Increase the voltage of the dynamic cable used for floating offshore wind power
- •Development of direct current deep sea power cable that uses direct current (wide-area power grid)



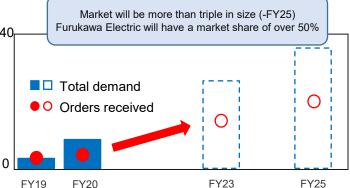
Turntable for winding the cable

Direct current deep sea power cable

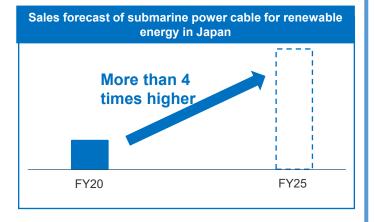
Develop lighter weight cable and cable laying technology that can withstand high tensile forces



Forecast of submarine power cable demand for renewable energy in Japan (billion yen)



Contribute to renewable energy through power cable for offshore wind power systems

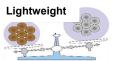


(4) Strategies Directed at Growing the Main Businesses **Expand and Create Automotive Products that Support Advances in Vehicle Electrification and Autonomous Driving**

FURUKAWA **ELECTRIC**

In response to the demands to protect the environment and ensure safety, contribute to lightweight, power supply management and vehicle electrification through product lineups that include materials technology.





Energy management







Power systems

Wiring systems

Safety / convenience systems



Aluminum harnesses Corrosion-proof (α)



Peripheral monitoring radar



High voltage harnesses High voltage products

Steering roll connector (SRC)



Products using flat cable (SDH/LSH)

Battery state

sensor (BSS)

Automotive

Products



Oxygen-free copper for





Sn plated strips for BSS terminal/corrosion-proof (α) terminal/

Social issues:

Realize a carbon-free society, Realize tougher traffic infrastructure, Reduce traffic accidents

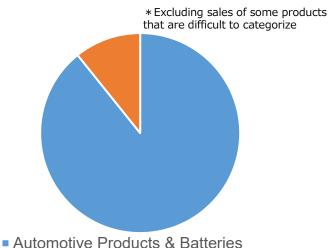








Sales (Estimate)* (FY20: About JPY 250 billion)



- Electronics Component Materials, etc.

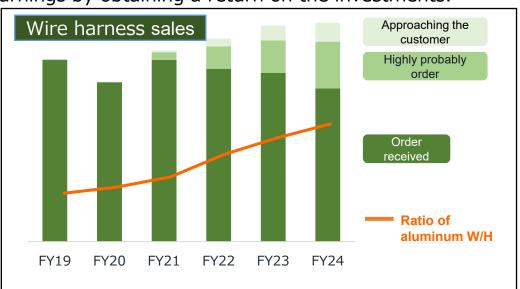
(4) Strategies Directed at Growing the Main Businesses
Expand and Create Automotive Products that Support Advances in
Vehicle Electrification and Autonomous Driving



Increase orders for aluminum wire harnesses that support reduced vehicle weight and develop new applications for peripheral monitoring radar that supports safety.

Aluminum wire harnesses

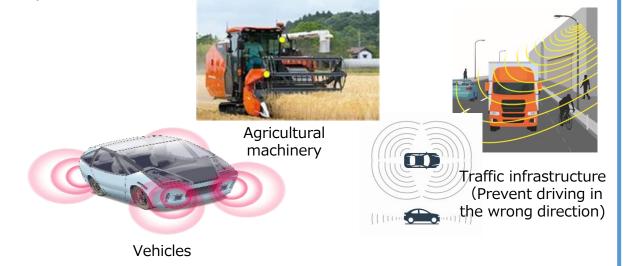
- Steadily accumulating orders.
 Expect to increase use from 46 vehicle models of 6 manufacturers to 88 models of 8 manufacturers in 2025.
- Ensure BCP by strengthening the supply chain, steadily establish the new site in Vietnam and work to increase earnings by obtaining a return on the investments.



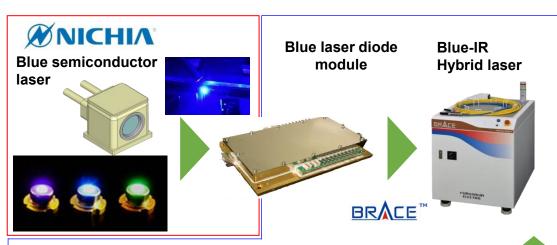
Peripheral monitoring radar



- Leveraging the fact that it is negligibly affected by bad weather (rain, snow, fog), currently working to expand sales for new applications, including agricultural and construction machinery and traffic infrastructure.
 - (Already started deliveries for agricultural and construction machinery from June 2020)
- For vehicle applications, aim to further increase orders through the development of smaller, higher performance products.



Develop industrial laser technology, and conduct co-creation throughout the value chain Streamline the production process for mobility, and accelerate vehicle electrification and vehicle weight reduction.



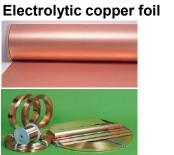
Laser welding machine for motors

Reduce vehicle weight and improve fuel efficiency by using lightweight harnesses

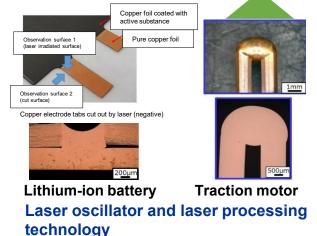
High capacity lithium-ion batteries

Smaller motors for xEV











Automotive product applications



- 3. FY2021 Management policy
- (1) Concept
- (2) Transform the businesses (continued)
- (3) Establish and foster new businesses
- (4) Pursue new business opportunities
- (5) Strengthen management focus on capital efficiency
- (6) Accelerate the group transformation activities
- (7) Accelerate ESG management

- In FY2021, become a stronger company and make definite preparations for the 2025 Medium-term Management Plan
- Transform the businesses

Strengthen the key businesses and continue to revise the business portfolio through responses to the low-margin and non-core businesses

Establish and foster new businesses

Create environment-friendly businesses and businesses that solve social issues

Strengthen management focus on capital efficiency

Evolve the "return on operating assets" used as an indicator in the 2020 Mediumterm Management Plan, and shift to target management with a focus on capital efficiency and greater awareness of "cost of capital"

(2) Transform the Businesses (Continued)

Continue to revise the business portfolio, including responses to low-margin / non-core businesses and partnerships with other companies.

Response to low-margin / non-core businesses	Establish and foster new business / Strengthen the key businesses		
 Executed (including planned execution)> Power cable business for the construction and wholesalers market Copper tube business Heavy magnet wire business Converted Furukawa Logistics Corp. into an equity method affiliate (Concluded an agreement on April 27,2021 and plan to transfer the shares during 2021) 	 <executed (including="" and="" commercialization)="" development="" in="" preparation="" prior="" projects="" stage="" to=""></executed> Industrial lasers business (Partnerships with Nichia Corporation and NITTOKU CO., LTD.) Reinforced plastic business (Partnerships with Tetra Pak and Veolia) Bipolar storage batteries (Joint development with the Furukawa Battery Co., Ltd.) Life sciences business (Co-creation with Atonarp Inc.) Space business (Co-creation with JAXA) Technology for producing LPG 		
 Under consideration or commenced> Project A Project B *Also considering / conducting reorganizations to multiple other sites 	 Under consideration or commenced> (M&A directed at strengthening the business) Project a Project b . 		

(3) Establish and Foster New Businesses

Commercialize technology that contributes to achieving carbon neutral.

Industrial lasers

Directed at further market penetration of xEV, aim to be the de facto standard for copper processing through co-creation with Nichia Corporation.

Business alliance: With consideration for a potential JV in the future, consolidate module manufacturing to Tokushima Joint development: Develop a next generation blue laser diode module Joint operations: Establish and operate a joint laboratory within the Yokohama Research Center*



Bipolar storage batteries

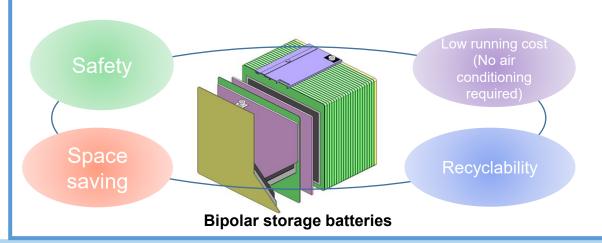
In order to achieve carbon neutral, demand for storage batteries will increase as a key device for the efficient use of renewable energy.

The joint development with the Furukawa Battery Co., Ltd. is progressing according to plan.

Schedule:

FY2021 Start shipping samples

FY2022 Start shipping actual products



(3) Establish and Foster New Businesses

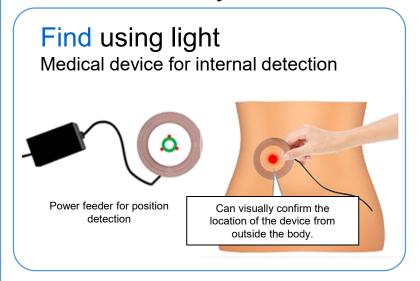


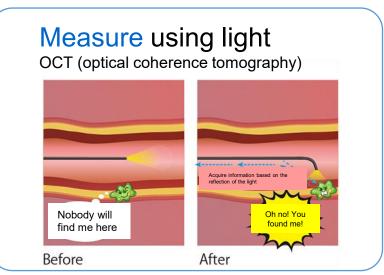
Challenge life sciences businesses directed at "Good Health and Well-being".

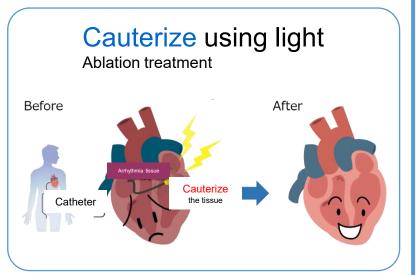
Life sciences business

In preparation for the era of "100 year life expectancy", utilize the core technologies to protect human "health".

- Utilizing photonics technology, focus on the three areas of "Find using light, measure using light and cauterize using light"
- Including the partnership with Atonarp Inc., strengthen the co-creation alliances with industry and academia



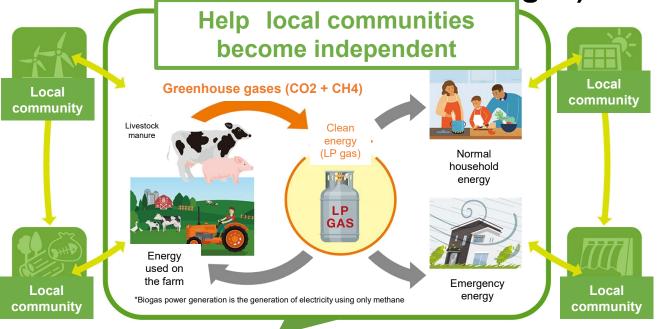




(3) Establish and Foster New Businesses

By digging deeper into social issues, build new social infrastructure and business models.

Produce clean energy (LP gas) from livestock manure



Current issues Clean energy (LP gas) Envisioned social infrastructure

Japan has set a target of becoming net carbon zero (in 2050)

Importing fossil fuels from overseas

Output control when electric power transmission grid has insufficient capacity Uses livestock manure as the input

Can consume locally

Can be stored and transported

Major step towards reducing GHG

- Development of a primary industry
- Create jobs & revitalize rural areas
- Realize energy independence
- Solve the issue of insufficient transmission grid capacity
- Energy that is useful for mitigating the impact of disasters

Through metal catalyst adhesion technology utilizing the company's core metal and polymer technology, successfully developed technology for converting biogas into LP gas

- Contribute to realizing a carbon free society
- By producing clean LP gas that can be consumed locally, build a low cost carbon neutral society that uses existing infrastructure
- Provide a fossil fuel that does not rely on foreign sources
- Plan to build an ecosystem with companies that possess existing infrastructure, and commercialize in 2030

(4) Pursue new business opportunities



Create technology that will be used to solve social issues.

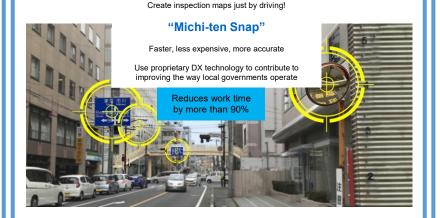
Pursue technology in the space domain

- Utilize the core technologies developed for land-based infrastructure in space.
- Solve social issues on earth from space.
- Co-creation with JAXA and Interstellar Technologies Inc.

J-SPARC Concept Phase(-2021) On-orbit Demonstration(proposed) Conceptual Drawing of satellite FURUKRUMA ELECTRIC Power Unit Development for Commercial Space Space Business Development of Power Unit

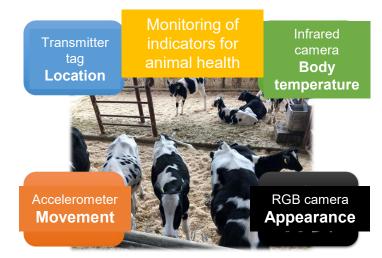
Use DX to maintain and manage social infrastructure

- Utilizing proprietary image analysis technology, maintain and manage roadway fixtures such as road signs and light poles.
- Pursue additional applications, such as for railroads.



Promote the use of DX in primary industries

- Utilize image analysis technology and Al to realize smart agriculture.
- As a NARO project, currently developing technology through industry-academia collaboration for simultaneously monitoring a herd of nursing calves.
- Establish a course on creating industries with Hokkaido University.



(5) Strengthen Management Focus on Capital Efficiency FURUKAWA

Shift to management (ROIC+ α) that is focused on capital efficiency and has increased awareness of "cost of capital".

- ⇒ By shifting to business PF based on capital efficiency, promote better and faster improvement
- ⇒ Work to establish business activities with an awareness of capital efficiency at each division and workplace

2020 MTMP indicator (current)

Return on operating assets

: Operating income / (Inventory + Noncurrent assets)

Results

- Identify the lowmargin businesses
- Follow up in series
- Difficult to compare with cost of capital (WACC)
- Difficult to conduct target management with an awareness of corporate value
- Weak as a reason for shifting to business PF

ROIC + α (From FY2022) 2025 MTMP indicator (New indicator: ROIC & Internal management indicator: FVA)

Return on invested capital (ROIC) & Value added to invested capital (FVA)

: NOPAT ÷ Invested capital

: NOPAT - Cost of capital (Invested capital x WACC)

Target management based on cost of capital

Based on WACC targets set for each division, manage performance targets directed at creating corporate value in excess of the cost of capital

Business PF management focused on corporate value

Based on corporate value creation (ROIC spread & FVA), thoroughly manage investment allocation and business PF

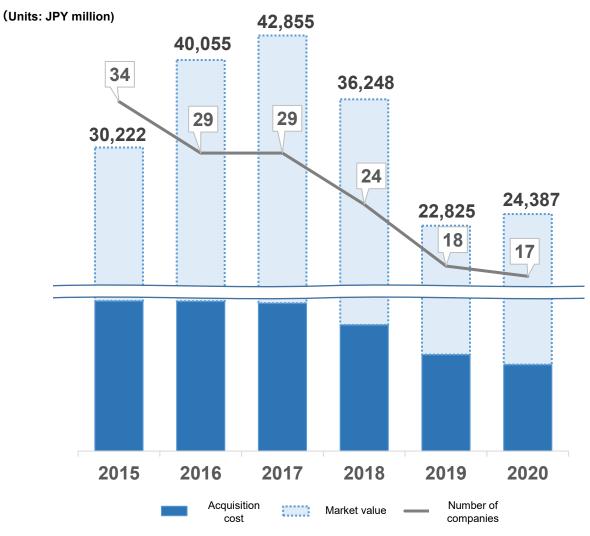
Link division activities and corporate value

Using an "FVA tree", clarify the links between the division activity indicators and value creation (FVA)

Issues

(5) Strengthen Management Focus on Capital Efficiency FURUKAWA ELECTRIC

Changes in the balance sheet (BS) value of listed cross-shareholdings and number of companies in which shares are held



During the 5 years of the 2020 Mediumterm Management plan, reduce listed cross-shareholdings.

Going forward, will decide whether or not to continue holding the shares based on factors such as the meaning of and benefits from such shareholdings.

*In FY2020, continued to reduce listed cross-shareholdings.

In FY2020, BS value increased due to a rise in stock prices, but shareholdings decreased on an acquisition cost basis.

(6) Accelerate the Group Transformation Activities



Actively use the "stronger organizational execution abilities" obtained by reforming the business through the Transformation Division* activities.

FY2019-FY2020

Strengthen the organizational ability

Without fighting alone, address the issues as a team Strengthen leadership for challenging to achieve stretched targets Teach skills for improving problem solving ability Progress management on a weekly basis



Strengthen the businesses and monozukuri

Increase the productivity of the manufacturing divisions and expand sales

Link manufacturing & sales and implement global procurement Improve the sharing of best practices between businesses and regions

Strengthen agile management

Frequently revise the opportunities and risks Create a priority order based on the level of severity and urgency, and implement responses



FY2021-

Expand target businesses / workplaces

Expand to the Automotive Products Division, and expand to new workplaces within the Communications Solutions Division



Also partially apply to the establishment of new businesses



Apply to the new MTMP with a longer time span until achieving the targets

2 years \rightarrow 4 years (2025MTMP from FY2022)

*The activities of the Transformation Division have been transferred to the Corporate Strategy & Direction Division newly established in April 2021.

(7) Accelerate ESG management - Initiatives to address climate change



Grasp both the "revenue opportunities" and "risks" of the materiality for climate change, and strengthen the initiatives.

Materiality

- **■** Changes in the external environment
- Internal awareness

(Revenue opportunities) Create environmentfriendly businesses

- Growing demand for renewable energy
- Changes in the mobility market
- ESG promotion policies in each country
- 4 core technologies
- Proposal and development capabilities not limited to particular markets
- Trust from customers

(Risk) Develop business activities that consider climate change

- ESG regulations in each country
- Higher GHG emissions reduction targets
- Increasingly severe abnormal weather
- Accelerating differentiation within the market through ESG
- Higher manufacturing and raw materials costs following the introduction of a carbon tax
- Suspended operations due to a natural disaster
- Exclusion from the supply chain or market

Main actions

Expand the businesses and products that support achieving carbon neutral (CN) Renewable energy related businesses Products used for vehicle electrification and reducing vehicle weight **Environment-friendly products**



Develop and commercialize technology used to achieve CN

Technology for producing LPG with metal encapsulated zeolite[™] Fiber reinforcement technology for waste plastic recycling

Formulate a roadmap for achieving CN Environmental Vision 2050, and goal of becoming net carbon zero Further introduce and use renewable energy Revise the 2030 environmental targets

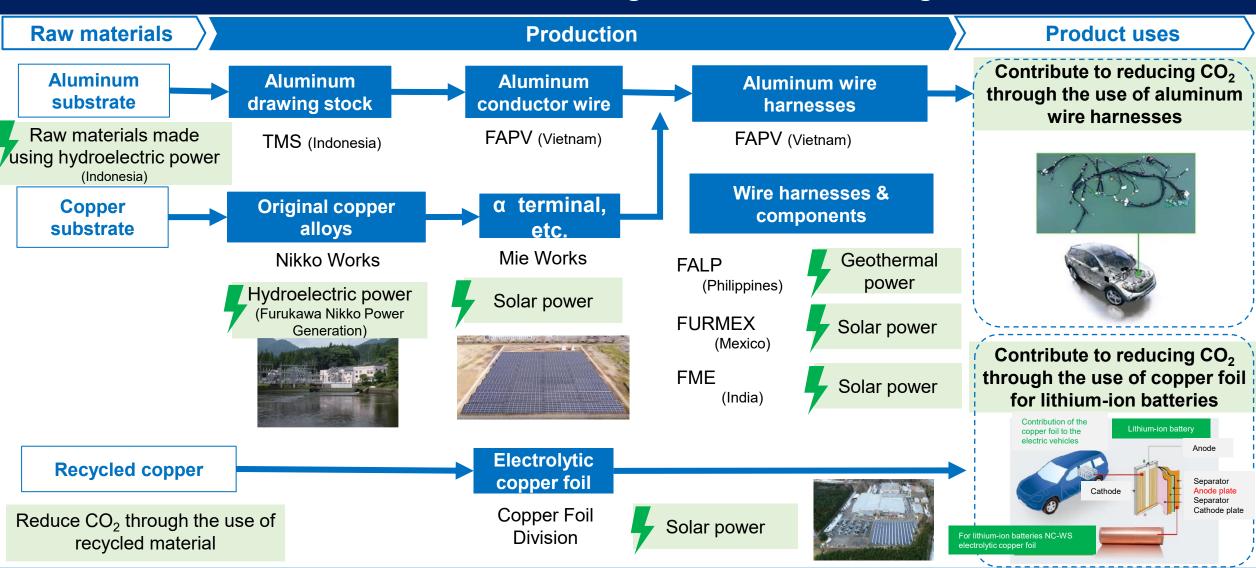


Promote co-creation with stakeholders and information disclosure

Reduce GHG emissions throughout the value chain Conduct and disclose the scenario analysis in accordance with **TCFD**



Promote initiatives that contribute to reducing CO2 emissions throughout the value chain.





Value employees Value customers Value new technology and Contribute to society

Thank you very much for your attention.

