

# Nichireki Group's Corporate Philosophy

Basic philosophy (Spirit of sowing the seeds)

# Sowing the seeds, giving them water, letting them flower,

Continuously creating new business through the accumulation of unceasing effort

# Management philosophy

To ensure the Nichireki Group contributes to the society through creating roads:

- We will supply road paving materials and their corresponding construction methods to satisfy requirements for outstanding functionality and cost.
- We will offer advanced consulting that watches vigilantly over roads, which are the common assets of the people.
- We will implement construction technology that is trusted by customers.

By completely unifying these elements, the Nichireki Group considers its management philosophy as the aim of remaining a highly profitable corporate group that spearheads the creation of roads worthy of the trust of its stockholders and a wide range of customers. We also strive to ensure that every employee in the Group can exercise his or her abilities to the fullest through meaningful work.

# "Sow the Seeds"

"Let us advance forward by sowing the good seeds". This is the motto of the Nichireki Group. Let us sow the strong seeds that will not die even if a severe drought strikes. By the sweat of our brow, let us spread fertilizer. Then the plants will grow up to bear good fruit. Even if we do not harvest the fruits ourselves, I believe this: If we do not sow the seeds and

but only aim to gain the fruits, we will never enjoy true prosperity

spread fertilizer

Eiichi Ikeda (Founder of the Nichireki Group)

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# **Foundation Supporting the Sustainable Growth**

and reaping the fruits

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# Editorial Policy

Global Network

The purpose of the Integrated Report is to assist the shareholders in understanding our activities that contribute to the society by introducing the Nichireki Group's Corporate Philosophy and reporting a wide range of topics such as our corporate activities based on the Medium-term Management Plan, financial information and business challenges. This report includes a message from the President, the Medium-term Management Plan and other key Environmental, Social, and Governance (ESG) information that helps start dialogue, as well as our initiatives for sustainability issues comprehensively and concisely. In preparing this report, we referenced guidelines such as International Integrated Reporting Framework advocated by International Integrated Reporting Council (IIRC) and Guidance for Collaborative Value Creation issued by the Ministry of Economy, Trade and Industry.

# Period Covered

Fiscal Year Ended March 31, 2021 (April 1, 2020 to March 31, 2021) (Information on or after April 1, 2021 is partially included)

# Organizations Covered

NICHIREKI CO., LTD. and its subsidiaries and associates (consisting of 35 consolidated subsidiaries, 1 non-consolidated subsidiary, and 5 associates)

## Published

September 2021

# Disclaimer on Forward-looking Statements

The earnings forecast and other forward-looking statements herein are based on information currently available to the Company and certain assumptions deemed reasonable as of the date of publication of this report. Actual results may differ significantly from the forecast due to a wide range of factors.

The Nichireki Group develops business activities that offer a wide variety of products, technologies, works, and so forth mainly related to road paving.

#### Other Other 0.4% 1.8% Applied and Processed Asphalt Products Business 28.8% FY2020 Net sales Operating profit Applied and Processed Road Paving -¥71,471 million ¥11,825 million Business Asphalt Products Business 44.1% 54.1% Road Paving Business \* Amount before adjustment of ¥2,684 million, which includes elimination of inter-segment trans-actions and corporate expenses 70.8%

# Applied and Processed Asphalt Products Business

Manufacturing and sales of applied and processed asphalt products including asphalt emulsions, modified asphalt, bridge deck slab waterproofing materials, road surface repairing materials, crack repairing materials, landscape paving materials and industrial products, as well as manufacturing, processing, and sales of construction and civil engineering materials





# [Airport]

- Modified asphalt
- Surface treatment
- Joint material



# [Viaduct]

· Bridge deck slab waterproofing



Surface treatment



# [Urban area]

Heat-blocking paving



Low noise (porous) paving



# Road Paving Business



Contracting for road paving, bridge deck slab waterproofing, water and sewage and other civil engineering work, including relevant survey and diagnosis, design and administration processes





# · What is asphalt?

Asphalt is refined from crude oil. Black in color and a solid body at room temperature, but becomes liquid when heated. Mainly used in asphalt pavement.

# What is asphalt emulsion?

Asphalt emulsion is made by emulsifying asphalt and water, and maintains a liquid body at room temperature. Mainly used for bonding pavement layers together and in a cold mixture for paving.

# · What is modified asphalt?

Modified asphalt is a high performance asphalt made by adding various modifiers to the asphalt. Mainly used in roads with heavy traffic and pavements that require drainage, reduced noise features, and so on.



# [Repairing materials]

RESCUEPATCH (filling material)



 SUPER ROMENPATCH (bump repairing material)



# [Park, promenade, cycling path]

ASWOOD paving (wood chip paving)

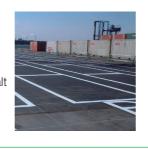


Color paving



# [Harbor]

 CONTAINER-PHALT SUPER (modified asphalt for heavy loads)



# [Railway]

· CA mortar (slab track filling construction method)



# [Survey & consulting]

• SMART SHOBAN CATCHER



ROMEN CATCHER FWD



ROCS Lite web



Vision for the 100th

Anniversary of Foundation

# History of the Nichireki Group

Reconstruction after World War II; Dawn of road construction and improvement

Founded by Eiichi Ikeda in October 1943, the Nichireki Group has continued to deliver to the market many originally developed materials and construction methods relating to road paving, including asphalt emulsion, modified asphalt, bridge deck slab waterproofing materials and construction method, on-site base course recycling construction method, and surface processing construction method. Ever since its foundation, we maintained our policy to fulfill the social responsibilities required of companies in such time or social environment, which is to develop eco-friendly materials and construction methods with longer life, recyclability, safety, and reduced CO<sub>2</sub> emission functions and performances, as well as to provide

#### External environment

1945	End of World War II	1966	Beginning of era of private car ownership; advancement of motorization		
1948	Ministry of Construction is established	1969	Tomei Expressway is fully completed		
1954	First Road Improvement Five-Year Plan is approved by Cabinet	1970	Honshu-Shikoku Bridge Authority is established		
1956	Japan Highway Public Corporation is established (Metropolitan Expressway Public Corporation	1972	Reversion of Okinawa to Japan		
	is established in 1959; Hanshin Expressway Public Corporation is established in 1962)	1973	Outbreak of the first oil crisis		
1964	Class-4 special improvement business starts				

# Nichireki's History

# Foundation and development

1943 1946	Eiichi Ikeda founds Nihon Rekisei Kagaku Kogyosho to engage in construction waterproofing works using asphalt.  The Company begins to undertake paving construction works	1968 1969	The Company builds a new head office building in Kudan, Chiyoda-ku, Tokyo (to present)  The Company introduces a computer system utilizing telex network to offices throughout Japan
1949 1950	The Company establishes the Company  The Company builds an asphalt emulsion plant and laboratory in Oku, Tokyo	1973	The Company participates in Research Survey Committee on Bridge Surface Paving of Long Bridges (Honshu-Shikoku Bridge) established within the Japan Road Association
1954	The Company changes its name to Nichireki Kagaku Kogyo Co., Ltd. due to company split and merger, etc.	1974	The Company is listed on the First Section of both To- kyo Stock Exchange and Osaka Securities Exchange.
1961	Japan's first cationic asphalt emulsion, CATIOZOL, is awarded the Tanahashi Invention Award	1975 1977	The Company opens the Ikeda Museum of 20th Century Art in Ito City, Shizuoka  The Company opens a technical research center in Oyama Plant in Tochigi Prefecture
1963	The Company issues and distributes the first volume of Asphalt Paving Course	1980	The Company is registered with the Minister of Construction as a construction consultant in road department.





POLYPHALT SS is used to address rutting caused by the advancement of motorization

Honshu-Shikoku Bridge made of SINOPHALT

# Materials

On-site mixing method using CATIOZOL

- Rain-resistant CATIOZOL (long lasting)
- Joint material, waterproofing material for concrete paving (long lasting)
- POLYPHALT SS to address rutting (long lasting)

Advancement of motorization

Strengthens corporate culture and develops internal foundations

- SINOPHALT to address cracks in bridge steel deck plate paving (long lasting)
- ROMENPATCH for reducing noise and vibration caused by bumps (safety)
- EMULSION A used in the track of Sanyo Shinkansen (long lasting)

# On-site mixing method to enhance durability of gravel road (safety) STABI-CEMENT RC construction method for repairing

# the existing pavement on-site (recycling)

safe and secure paving for road administrators and ultimately the users of the road. We have also put our efforts in sophisticated consulting business utilizing road surface survey technology to keep a close eye on the road conditions. Going forward, under the swift and accurate decision-making, we will pull our strength together to make resilient responses and continue to grow into a sustainable corporate group.

## Introduction of paving with low-environmental burden and establishment of regulations on performance

1991	Collapse of Japan's economic bubble				
1995	The Great Hanshin-Awaji Earthquake				
2001	Ministry of Land, Infrastructure, Transport and Tourism is established				
	Enactment of "Technical Standards on the Structure of Paving"				
	Regulations on performance of paving structure				
2005	Privatization of the four road-related public corporations				

The first year of social capital maintenance Maior renewals

Deliver peace of mind to all stakeholders by creating roads

Global Financial Crisis of 2008 Incorporation of revenue source specified

for roads into general revenue 2011 The Great East Japan Earthquake 2013 The first year of social capital maintenance Comprehensive and intensive work begins to address decrepit roads

COVID-19 spreads worldwide

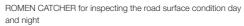
# Beginning of management based on the Medium-term Management Plan

1985	The Company is registered with the Minister of Construction as a surveyor
1989	The Company starts the Medium-term Management Plan
1994	The Company changes its name to NICHIREKI CO., LTD.
1999	The Company begins disclosure of consolidated financial statements
2002	The Company starts overseas business by establishing Beijing Luxin Dacheng
	Exquisite Paving Co., Ltd. in Beijing, a joint venture between Japan and China
2003	The Company implements an area-based business structure to facilitate the integrated
	operation of branch and group companies within the jurisdiction of the branch

# Reconstructs internal foundation and strengthens corporate governance

2006	The Company discloses basic policy for establishing internal control system
2008	The Group acquires ISO9001
2012	The Group acquires ISO14001
2014	The Company converts its consolidated subsidiaries into wholly-owned subsidiaries
2016	The Company completes the new laboratory building in the Technical Research Center
2017	The Company Newly establishes a plant in Fengxian Chemical Industrial District in Shanghai
2020	The Company acquires a large parcel of land in Tsukubamirai
	City to construct a new production and logistics base







SUPER TACKZOL with immediately breaking even at night or at SMART SHOBAN CATCHER for inspecting bridge deck low temperatures and firm adhesion of pavements



slab condition

- TOUGHPHALT SUPER for porous paving (safety)
- AF PHALT for recycled mixture (recycling)

- Modified asphalt for warm mix for reducing temperature during production and construction (CO₂ emission reduction)
- SHINAYAKAPHALT to address cracks (long lasting)
- SUPER TACKZOL with immediately breaking even at night or at low temperatures (long lasting)
- L-shaped joint tape to prevent leakage from junctures (long lasting)

- Construction technology (Construction methods)
- - ASWOOD paving utilizing timber obtained from forest-thinning operations (recycling)

ROMEN CATCHER FWD for diagnosing paving strength

- EMULTEC construction method to extend the life of the paved road (long lasting)
- SURFTREAT construction method for road surface and bridge deck slab protection (long lasting) HQ HIBRANE AU construction method for waterproofing bridge deck slab
- ROMEN CATCHER for inspecting road surface condition • SMART SHOBAN CATCHER for inspecting bridge deck slab condition
  - KOZO CATCHER for paving structure survey

Consulting (Survey & diagnosis technology

# Message from the President



Based on the "spirit of sowing the seeds," contributing to the society as a corporate group in the business of roads

Since its establishment in 1943, the Nichireki Group has maintained the "spirit of sowing the seeds" as its corporate culture and pursued business related to the creation of roads through the provision of a wide range of products, technologies and construction services connected with **road** paving.

This "spirit of sowing the seeds" encompasses the actions of "sowing the seeds, giving them water, letting them flower, and reaping the fruits." It expresses our commitment to continuously creating new business through the accumulation of unceasing effort. For us, road construction refers to a cycle we undertake that comprises all the processes from design and proposal based on survey and diagnosis to construction and management followed by manufacture and sales. We are proud that there are few companies with a business model grounded in a

corporate culture like this.

Our mission is none other than implementing our management philosophy of contributing to the society through road construction. Based on our "spirit of sowing the seeds," we have built a relationship of trust with all our stakeholders, including our society, by ensuring safety and always delivering peace of mind as a corporate group in the business of roads, which are common assets that belong to us all.

In recent years, the circumstances surrounding road paving have changed greatly, and many social issues have emerged. To tackle the aging of our public infrastructure and the increasing severity of natural disasters, such as earthquakes and typhoons, the government has been taking measures to accelerate efforts to prevent or reduce the impact of disasters and to enhance the national resilience. As autonomous driving is likely to become the norm in the future, it is expected that there will be increasing discussions about how to improve road surfaces to make them safer, and as the society aims to decarbonize, there will be greater demands to reduce the environmental

# as our keyword, evolving into a company that pushes and delivers peace of mind to our stakeholders

impact of road-surface materials and construction.

Against this backdrop, the Nichireki Group will respond to the trust of our stakeholders, and contribute to develop high-quality and cost-efficient infrastructure. We will also pursue the technical improvements in safety and environmental performance as we fulfill our responsibilities to the society. From the standpoint of contributing to achieving the sustainable development goals (SDGs) toward 2030, we at the Nichireki Group will be providing the value required in our interactions with the society while realizing co-existence and co-prosperity with a wide range of stakeholders.

Demonstrating **R&D capabilities** and adding more value to products and construction methods Providing **solutions through a one-stop service** 

The Nichireki Group's business comprises the Applied and Processed Asphalt Products Business, which manufactures and sells road paving materials and accounts for just under 30% of net sales, and the Road Paving Business, which provides around 70% of net sales and undertakes surveying and diagnosis as well as construction and management in connection with road construction. Nichireki sells products developed and manufactured in-house through nationwide sales offices, and our Group companies are in charge of construction and management.

As for our customer base, we receive orders mainly from large and regional paving companies and construction companies, and approximately 90% of these are public works projects. In most cases, they involve roads and bridges, with the orders originating from the national government, local authorities and expressway companies.

Our main strength lies in our R&D capabilities, which demonstrate creativity and uniqueness to come up with new products and construction methods that satisfy customer requests and market needs. Approximately 70% of market needs can be met with general-purpose products and existing construction methods, but we satisfy the remaining 30% by responding individually to technical requests to resolve issues faced by customers. Through such R&D, we create and offer new products and construction methods, and the high-value-added nature of these results in higher profit margins for us.

Another of our strengths is our business model, which allows us to design and propose based on survey and

diagnosis and to offer **one-stop solutions** in our group from manufacture and sales to construction and management. We are expanding and cultivating our business markets by leveraging this strength to reinforce our relationships with customers who already have transactions and to attract new customers.

As for capturing new growth opportunities, we are now providing special types of paving for harbors and airports as developments into peripheral domains of the Road Paving Business. We are gradually building up a good track record in such domains. In addition, we have also been doing business overseas for 19 years. Specifically, we have established joint ventures in China (in Shanghai, Beijing, etc.), and also have operations in Taiwan and Singapore. Though the contribution to our performance is still not particularly large, in Shanghai, which has now transitioned from the era of new construction to the era of maintenance especially in the field of infrastructure such as long-span bridges, we can expect to see growth going

Regarding the Nichireki Group's corporate culture and character, our employees are earnest and steadfast, taking action honestly and steadily in line with the "spirit of sowing the seeds." At the same time, I believe that we can further expand our potential because we possess both the passion and thirst for challenge needed to generate new value and open up markets.

We surpassed the performance targets contained in our previous Medium-term Management Plan by a large margin, and made steady progress in "expanding and cultivating our business markets" for the past five years.

A glance at our present operating environment reveals, as I mentioned earlier, that Japan is taking measures to accelerate efforts to prevent or reduce the impact of disasters and to enhance the nation's resilience. Specifically, the Japanese government is planning to spend ¥15 trillion on such measures over the next five years. Of these expenditures, for FY2021 the Ministry of Land, Infrastructure, Transport and Tourism has earmarked ¥2.2351 trillion for spending on roads. Regarding the market outlook for the road and civil-engineering industries, the future course of the COVID-19 pandemic remains unclear, and there are concerns about the impact on raw-materials prices resulting from fluctuations in oil prices and exchange rates. Nevertheless, thanks to an overall rise in construction

demand due to the government's initiatives in the realm of disaster prevention/mitigation and national resilience, we expect our performance to be firm for the time being.

Against this backdrop, we at the Nichireki Group intend to identify public-works needs associated with preventative maintenance, and seize growth opportunities by focusing on the creation and provision of new forms of added value, such as paving materials containing new ingredients that are flexible, resilient, and offer superior durability, and road-surface testing services that employ Al diagnostic technology.

Looking back at our operating situation in FY2020, net sales climbed thanks to solid public-works demand, rising 7.1% over the previous year to reach ¥71.4 billion. On the profit side, in addition to the low crude oil price, new products offering more added value thanks to longer service lives, better performance and lower environmental impact made a substantial contribution. As a result, operating profit and ordinary profit jumped 52.1% to ¥9.1 billion and 53.8% to ¥9.5 billion, respectively. Profit attributable to owners of the parent company was ¥6.3 billion, around 3.5 times the figure for previous year, when we recorded large extraordinary losses.

Under "Next 2020," the five-year Medium-term Management Plan that ended in FY2020, we pursued a growth strategy where the top priority was "expanding and cultivating our business markets," with the aim of boosting our adaptability to environmental changes and evolving into corporate group that enjoys sustainable growth. As a result, we significantly surpassed the performance targets for the final year of the plan, namely "net sales of ¥63.0 billion" and "operating profit and ordinary profit of ¥6.0 billion."

Thanks to our efforts over five years, the strategy of "expanding and cultivating our business markets" steadily produced results as we received more orders. We also succeeded in venturing into peripheral domains surrounding the Road Paving Business, such as harbors and airports, and made solid progress with the development of new materials. Internally, we greatly transformed our organization during the five-year period, and I believe that we have established the structure we need to propel us into our next phase of growth.

Determining Vision for the "100th Anniversary of Foundation" and formulating and launching new five-year Medium-term Management Plan "Resilience 2025 (Shinayaka 2025)"

Before formulating our new five-year Medium-term Management Plan, which we began implementing in FY2021, we determined, as a premise for the Plan, our Vision for the "100th Anniversary of Foundation," which adopts a longer-term viewpoint and articulates what we want to be. Nichireki, a corporate group, will celebrate the 100th anniversary in 2043, 22 years from now. We set our vision for 2043 by thinking about what we should provide to the world, how we would like to survive, and what we should achieve for these purposes.

We gathered numerous opinions from young and mid-career employees and held repeated discussions internally before settling on the future vision for ourselves

a century after our foundation, which is to be a corporate group that "delivers peace of mind to all stakeholders, including customers, shareholders/investors, suppliers, and employees, through creating roads and affecting the lives of the people." Furthermore, we will grow into a sustainable organization by flexibly adapting to various changes in the business climate while developing business from more of an ESG-management perspective.

As we move toward realization of this "Vision for the 100th Anniversary of Foundation." we have formulated "Resilience 2025 (Shinayaka 2025)," our new Medium-term Management Plan, as a first step in that direction. The Plan covers the five years from FY2021 to FY2025, and aims for the group as a whole to come together to act flexibly, based on swift and precise decision making, and evolve into a "company with strong organizational resilience" to surmount changes in our operating environment. By executing the Plan successfully, we at the Nichireki Group will be building a platform for maintaining our sustainable operations into the future.

Implementing the four priority measures to become a company with strong organizational resilience Setting goals for ESG management

Under "Resilience 2025 (Shinayaka 2025)," we are pursuing four priority measures: "Expand and cultivate our business markets, and penetrate markets," "Enhance R&D capabilities and improve productivity," "Strengthen the Group's management foundation," and "Boost environmental investments to contribute to the creation of a decarbonized society."

Regarding "Expand and cultivate our business markets, and penetrate markets," we will increase the number of repeat customers by cementing the presence in the marketplace of the new products and construction methods we have independently developed until now. In addition, by deploying sophisticated systems for our onestop approach, which covers everything from design and proposal based on survey and diagnosis, to construction and management followed by manufacture and sale, we will be further honing our strengths. This is an initiative that we will be pursuing in line with the future trend toward emphasizing total cost in the case of public works. At the same time, we intend to offer even higher added-value products and construction methods that contribute to reducing the environmental burden.

As for "Enhance R&D capabilities and improve productivity," we will be proactively developing technologies of other fields, and then applying them to create innovative products and construction methods. In parallel to this, we will be introducing digital technology to enhance the efficiency of the business cycle in order to establish/build networks on the logistics side and thereby increase the productivity of the group as a whole.

Regarding "Strengthen the Group's management foundation," the key will be to build a robust financial and managerial foundation by boosting profitability and capital efficiency and improving governance structures. We will also be overhauling our systems to facilitate the utilization

of diverse human resources and diverse work styles, and building up the talents of group personnel.

As for "Boost environmental investments to contribute to the creation of a decarbonized society," we have established an eco-friendly production and distribution site in Tsukubamirai City in Ibaraki Prefecture to serve as the cornerstone of our leading-edge decarbonization initiatives. The site resembles the shape of a ship, so we call it Tsukuba Big Ship. The main concept of the Tsukuba Big Ship Project is the construction of a new plant toward our 100th anniversary of foundation. We are going to build an advanced, eco-friendly production base that is capable of manufacturing new products to deal with various changes in the business environment and to accommodate future needs. The reinforcement of business continuity planning (BCP) is also one of the goals. To disperse risks as we fulfill our social responsibility to supply products, we are going to pursue what we call a double-core strategy, whereby we operate two main production sites: Oyama Plant and "Tsukuba Big Ship." We will also be driving reforms going forward by pressing ahead with the establishment of core group site equipped with product/merchandise warehousing functions and nationwide distribution center functions.

Under "Resilience 2025 (Shinayaka 2025)," we are aiming to convert these initiatives into net sales of ¥77.0 billion, operating profit of ¥7.8 billion, ordinary profit of ¥8.0 billion, return on invested capital (ROIC) of 6.5% or more, and return on assets (ROA) of 5.0% or more. All these targets are for consolidated performance and are to be met in 2025. Note that with respect to profit, the targets reflect investments in growth that we are planning to make during the period of the plan, and include depreciation of "Tsukuba Big Ship" and the maintenance of existing equipment at sites nationwide.

Also be aware that with this plan, we have set KPIs for ESG-management priority measures, determining numerical targets for each item that are linked with relevant stakeholders and SDGs themes. Among them, the "net sales ratio of eco-friendly products and construction methods" is closely connected to the realization of decarbonization, and we have set targets for it of 30% or more in FY2025 and 80% or more in FY2043.

Through the development of our business, we will make a greater contribution to the society and move forward toward a more prosperous future.

We are aiming to be a corporate group that "delivers peace of mind to all stakeholders," and our policy is to concentrate even harder than before on building relationships with our stakeholders.

For shareholders and investors, we will be stepping up our IR activities to give them a more detailed understanding of our business operations, management policy and growth strategy, and will also be expanding initiatives such as proactively disclosing information online and holding briefings on financial results. As for distributing profits to shareholders, while maintaining a policy of stable dividends, we will also endeavor to raise dividends as we improve our financial results. Under "Resilience



202 (Shinayaka 2025)," our targets for FY2025 include a dividend payout ratio of approximately 25%, and we will continue to reward our shareholders for their support by distributing profits to them at a high level.

Regarding corporate governance, we recognize that as part of our efforts to contribute to corporate value enhancement, it is necessary to make our governance even more effective. In FY2021, we have increased the proportion of outside officers on the Board of Directors (inside directors: 8, inside auditors: 2, outside directors: 4, outside auditors: 2). From the standpoint of increasing diversity as well, two of the outside directors and one of the outside auditors are women. We hope that by overseeing our management and offering advice, these outside officers will allow us to hear a wider range of opinions than in the past.

As for diversity promotion, even our rank-and-file employees are accelerating their efforts. Here at the Nichireki Group, there aren't too many women working on the frontline of manufacturing/construction, but divisions such as R&D recruit a lot of female engineers straight out of universities, and we are expanding the range of opportunities for them to succeed. Regarding the nationalities of our personnel, there are engineers from China working in the R&D division, and we entrust the management of overseas sites to locally-hired staff. In FY2022, meanwhile, we are going to raise the retirement age to 65, and set about creating workplaces in which greater numbers of senior human resources can play active roles. I believe that for a corporation, diversity is an essential ingredient for innovation, and also a condition for sustainable growth.

Going forward, we at the Nichireki Group will be enhancing our growth potential through self-transformation based on shinayaka as a keyword, and through the development of our business, will make an even more substantial contribution to the society than we have in the past. I therefore ask all our stakeholders to look forward to the future that we are going to create.

> Manabu Obata President and Representative Director

# Financial and Non-financial Highlights

# **Key Financial Data (Consolidated)**

Net seles			FY2016	FY2017	FY2018	FY2019	FY2020
Containing profit	Financial Results	-					
Ordinary profit         (Millon yen)         5,872         5,628         5,731         6,225         9,574           Profit attributable to owners of the parent company (Millon yen)         3,762         3,882         3,589         1,821         6,357           Comprehensive income         (Millon yen)         4,365         4,702         2,837         866         7,787           Financial Position           Net assets         (Millon yen)         46,768         50,811         52,888         52,827         62,010           Total assets         (Millon yen)         46,768         50,811         52,888         52,827         62,010           Cash flows           Cash flows from operating activities         (Millon yen)         5,640         4,645         5,417         3,203         9,098           Cash flows from investing activities         (Millon yen)         (2,007)         (3,604)         (5,482)         (3,3352)         (6,694)           Cash flows from investing activities         (Millon yen)         (2,007)         (3,604)         (5,482)         (3,3352)         (5,694)           Cash flows from investing activities         (Millon yen)         (2,007)         (3,604)         (5,482)	Net sales	(Million yen)	54,439	60,570	62,919	66,725	71,471
Profit altifubilité to ownes of the parent company   Officin yern   3,762   3,882   3,598   1,821   6,357	Operating profit	(Million yen)	5,742	5,445	5,593	6,009	9,140
Primancial Position	Ordinary profit	(Million yen)	5,872	5,628	5,731	6,225	9,574
Net assets   (Millon yer)   46,768   50,811   52,889   52,827   62,010     Total assets   (Millon yer)   65,190   69,838   70,297   71,487   82,732     Cash Flows   Cash flows from operating activities   (Millon yer)   5,640   4,645   5,417   3,203   9,088     Cash flows from presting activities   (Millon yer)   2,607   (3,604)   (5,422   (3,352)   (5,684)     Cash flows from financing activities   (Millon yer)   (2,607)   (3,604)   (5,422   (3,352)   (5,684)     Cash flows from financing activities   (Millon yer)   (611)   (1,151)   (845)   (1,027)   2,512     Cash and cash equividents at end of period   (Millon yer)   19,289   19,195   18,367   17,181   23,110     Per Share Information	Profit attributable to owners of the parent company	(Million yen)	3,762	3,882	3,589	1,821	6,357
Net assets   Million yen    46,768   50,811   52,889   52,827   62,010	Comprehensive income	(Million yen)	4,365	4,702	2,837	856	7,787
Net assets   Million yen    46,768   50,811   52,889   52,827   62,010	Einancial Position	l					
Cash Flows           Cash Flows from operating activities         (Million yerr)         5,640         4,645         5,417         3,203         9,098           Cash flows from processing activities         (Million yerr)         (2,607)         (3,604)         (5,482)         (3,352)         (5,694)           Cash flows from financing activities         (Million yerr)         (611)         (1,151)         (845)         (1,027)         2,512           Cash and cash equivalents at end of period         (Million yerr)         19,289         19,195         18,367         17,181         23,110           Per Share Information           Basic earnings per share         (Yerr)         131.24         135.42         125.18         63.53         219.72           Net assets per share         (Yerr)         1,631.15         1,772.17         1,844.66         1,842.51         2,048.05           Dividends per share         (Yerr)         23.00         27.00         32.00         34.00         38.00           Management Indicators           Equity ratio         (%)         71.7         72.8         75.2         73.9         74.9           Ordinary profit to total assets         (%)         9.4         8.3         8.2<		(Million yen)	46,768	50,811	52,889	52,827	62,010
Cash flows from operating activities         (Million yen)         5,640         4,645         5,417         3,203         9,098           Cash flows from investing activities         (Million yen)         (2,607)         (3,604)         (5,482)         (3,352)         (5,694)           Cash flows from financing activities         (Million yen)         (611)         (1,151)         (845)         (1,027)         2,512           Cash and cash equivalents at end of period         (Million yen)         19,289         19,195         18,367         17,181         23,110           Per Share Information           Basic earnings per share         (Yen)         131,24         135,42         125,18         63,53         219,72           Net assets per share         (Yen)         1,631,15         1,772,17         1,844,66         1,842,51         2,048,05           Dividends per share         (Yen)         23,00         27,00         32,00         34,00         38,00           Management Indicators           Equity ratio         (%)         71,7         72,8         75,2         73,9         74,9           Ordinary profit to total assets         (%)         9,4         8,3         8,2         8,8         12,4<	Total assets	(Million yen)	65,190	69,838	70,297	71,487	82,732
Cash flows from investing activities         (Million yer)         (2,607)         (3,604)         (5,482)         (3,352)         (5,694)           Cash flows from financing activities         (Million yeri)         (611)         (1,151)         (845)         (1,027)         2,512           Cash and cash equivalents at end of period         (Million yeri)         19,289         19,195         18,367         17,181         23,110           Per Share Information           Basic earnings per share         (Yeri)         131.24         135.42         125.18         63.53         219.72           Net assets per share         (Yeri)         1,631.15         1,772.17         1,844.66         1,842.51         2,048.05           Dividends per share         (Yeri)         23.00         27.00         32.00         34.00         38.00           Management Indicators           Equity ratio         (%)         71.7         72.8         75.2         73.9         74.9           Ordinary profit to total assets         (%)         9.4         8.3         8.2         8.8         12.4           Rate of return on equity         (%)         8.4         8.0         6.9         3.4         11.1	Cash Flows						
Cash flows from financing activities   Million yen    (611)   (1,151)   (845)   (1,027)   2,512	Cash flows from operating activities	(Million yen)	5,640	4,645	5,417	3,203	9,098
Per Share Information	Cash flows from investing activities	(Million yen)	(2,607)	(3,604)	(5,482)	(3,352)	(5,694)
Per Share Information   Pasic earnings per share   (Yen)   131.24   135.42   125.18   63.53   219.72     Net assets per share   (Yen)   1.631.15   1,772.17   1,844.66   1,842.51   2,048.05     Dividends per share   (Yen)   23.00   27.00   32.00   34.00   38.00      Management Indicators	Cash flows from financing activities	(Million yen)	(611)	(1,151)	(845)	(1,027)	2,512
Net assets per share   (Yen)   131.24   135.42   125.18   63.53   219.72	Cash and cash equivalents at end of period	(Million yen)	19,289	19,195	18,367	17,181	23,110
Net assets per share         (Yen)         1,631.15         1,772.17         1,844.66         1,842.51         2,048.05           Dividends per share         (Yen)         23.00         27.00         32.00         34.00         38.00           Management Indicators           Equity ratio         (%)         71.7         72.8         75.2         73.9         74.9           Ordinary profit to total assets         (%)         9.4         8.3         8.2         8.8         12.4           Rate of return on equity         (%)         8.4         8.0         6.9         3.4         11.1           Operating profit to net sales         (%)         10.5         9.0         8.9         9.0         12.8           Ordinary profit to net sales         (%)         10.8         9.3         9.1         9.3         13.4           ROIC         (%)         9.1         7.8         7.5         8.0         11.2           ROA         (%)         6.0         5.7         5.1         2.6         8.2           Dividends payout ratio         (%)         17.5         19.9         25.6         53.5         17.3           Non-financial Data (Consolidated)	Per Share Information						
Management Indicators         Management Indicators           Equity ratio         (%)         71.7         72.8         75.2         73.9         74.9           Ordinary profit to total assets         (%)         9.4         8.3         8.2         8.8         12.4           Rate of return on equity         (%)         8.4         8.0         6.9         3.4         11.1           Operating profit to net sales         (%)         10.5         9.0         8.9         9.0         12.8           Ordinary profit to net sales         (%)         10.8         9.3         9.1         9.3         13.4           ROIC         (%)         9.1         7.8         7.5         8.0         11.2           ROA         (%)         6.0         5.7         5.1         2.6         8.2           Dividends payout ratio         (%)         17.5         19.9         25.6         53.5         17.3           Non-financial Data (Consolidated)           Number of employees         (persons)         742         797         831         917         924           Number of patents maintained         (patents)         45         39         39         30         29           Eq	Basic earnings per share	(Yen)	131.24	135.42	125.18	63.53	219.72
Management Indicators   Equity ratio   (%)   71.7   72.8   75.2   73.9   74.9     Ordinary profit to total assets   (%)   9.4   8.3   8.2   8.8   12.4     Rate of return on equity   (%)   8.4   8.0   6.9   3.4   11.1     Operating profit to net sales   (%)   10.5   9.0   8.9   9.0   12.8     Ordinary profit to net sales   (%)   10.8   9.3   9.1   9.3   13.4     ROIC   (%)   9.1   7.8   7.5   8.0   11.2     ROA   (%)   6.0   5.7   5.1   2.6   8.2     Dividends payout ratio   (%)   17.5   19.9   25.6   53.5   17.3      Non-financial Data (Consolidated)  Number of employees   (persons)   742   797   831   917   924     Number of patents maintained   (patents)   45   39   39   30   29     Energy use (oil equivalent)*   (kL)   6,976   7,173   6,228   5,705   6,523	Net assets per share	(Yen)	1,631.15	1,772.17	1,844.66	1,842.51	2,048.05
Equity ratio         (%)         71.7         72.8         75.2         73.9         74.9           Ordinary profit to total assets         (%)         9.4         8.3         8.2         8.8         12.4           Rate of return on equity         (%)         8.4         8.0         6.9         3.4         11.1           Operating profit to net sales         (%)         10.5         9.0         8.9         9.0         12.8           Ordinary profit to net sales         (%)         10.8         9.3         9.1         9.3         13.4           ROIC         (%)         9.1         7.8         7.5         8.0         11.2           ROA         (%)         6.0         5.7         5.1         2.6         8.2           Dividends payout ratio         (%)         17.5         19.9         25.6         53.5         17.3           Number of employees         (persons)         742         797         831         917         924           Number of patents maintained         (patents)         45         39         39         30         29           Energy use (oil equivalent)*         (kL)         6,976         7,173         6,228         5,705         6,523 <td>Dividends per share</td> <td>(Yen)</td> <td>23.00</td> <td>27.00</td> <td>32.00</td> <td>34.00</td> <td>38.00</td>	Dividends per share	(Yen)	23.00	27.00	32.00	34.00	38.00
Ordinary profit to total assets         (%)         9.4         8.3         8.2         8.8         12.4           Rate of return on equity         (%)         8.4         8.0         6.9         3.4         11.1           Operating profit to net sales         (%)         10.5         9.0         8.9         9.0         12.8           Ordinary profit to net sales         (%)         10.8         9.3         9.1         9.3         13.4           ROIC         (%)         9.1         7.8         7.5         8.0         11.2           ROA         (%)         6.0         5.7         5.1         2.6         8.2           Dividends payout ratio         (%)         17.5         19.9         25.6         53.5         17.3           Non-financial Data (Consolidated)           Number of employees         (persons)         742         797         831         917         924           Number of patents maintained         (patents)         45         39         39         30         29           Energy use (oil equivalent)*         (kL)         6,976         7,173         6,228         5,705         6,523	Management Indicators						
Rate of return on equity       (%)       8.4       8.0       6.9       3.4       11.1         Operating profit to net sales       (%)       10.5       9.0       8.9       9.0       12.8         Ordinary profit to net sales       (%)       10.8       9.3       9.1       9.3       13.4         ROIC       (%)       9.1       7.8       7.5       8.0       11.2         ROA       (%)       6.0       5.7       5.1       2.6       8.2         Dividends payout ratio       (%)       17.5       19.9       25.6       53.5       17.3         Non-financial Data (Consolidated)         Number of employees       (persons)       742       797       831       917       924         Number of patents maintained       (patents)       45       39       39       30       29         Energy use (oil equivalent)*       (kL)       6,976       7,173       6,228       5,705       6,523	Equity ratio	(%)	71.7	72.8	75.2	73.9	74.9
Operating profit to net sales         (%)         10.5         9.0         8.9         9.0         12.8           Ordinary profit to net sales         (%)         10.8         9.3         9.1         9.3         13.4           ROIC         (%)         9.1         7.8         7.5         8.0         11.2           ROA         (%)         6.0         5.7         5.1         2.6         8.2           Dividends payout ratio         (%)         17.5         19.9         25.6         53.5         17.3           Non-financial Data (Consolidated)           Number of employees         (persons)         742         797         831         917         924           Number of patents maintained         (patents)         45         39         39         30         29           Energy use (oil equivalent)*         (kL)         6,976         7,173         6,228         5,705         6,523	Ordinary profit to total assets	(%)	9.4	8.3	8.2	8.8	12.4
Ordinary profit to net sales         (%)         10.8         9.3         9.1         9.3         13.4           ROIC         (%)         9.1         7.8         7.5         8.0         11.2           ROA         (%)         6.0         5.7         5.1         2.6         8.2           Dividends payout ratio         (%)         17.5         19.9         25.6         53.5         17.3           Non-financial Data (Consolidated)           Number of employees         (persons)         742         797         831         917         924           Number of patents maintained         (patents)         45         39         39         30         29           Energy use (oil equivalent)*         (kL)         6,976         7,173         6,228         5,705         6,523	Rate of return on equity	(%)	8.4	8.0	6.9	3.4	11.1
ROIC         (%)         9.1         7.8         7.5         8.0         11.2           ROA         (%)         6.0         5.7         5.1         2.6         8.2           Dividends payout ratio         (%)         17.5         19.9         25.6         53.5         17.3           Non-financial Data (Consolidated)           Number of employees         (persons)         742         797         831         917         924           Number of patents maintained         (patents)         45         39         39         30         29           Energy use (oil equivalent)*         (kL)         6,976         7,173         6,228         5,705         6,523	Operating profit to net sales	(%)	10.5	9.0	8.9	9.0	12.8
ROA         (%)         6.0         5.7         5.1         2.6         8.2           Dividends payout ratio         (%)         17.5         19.9         25.6         53.5         17.3           Non-financial Data (Consolidated)           Number of employees         (persons)         742         797         831         917         924           Number of patents maintained         (patents)         45         39         39         30         29           Energy use (oil equivalent)*         (kL)         6,976         7,173         6,228         5,705         6,523	Ordinary profit to net sales	(%)	10.8	9.3	9.1	9.3	13.4
Dividends payout ratio         (%)         17.5         19.9         25.6         53.5         17.3           Non-financial Data (Consolidated)           Number of employees         (persons)         742         797         831         917         924           Number of patents maintained         (patents)         45         39         39         30         29           Energy use (oil equivalent)*         (kL)         6,976         7,173         6,228         5,705         6,523	ROIC	(%)	9.1	7.8	7.5	8.0	11.2
Non-financial Data (Consolidated)           Number of employees         (persons)         742         797         831         917         924           Number of patents maintained         (patents)         45         39         39         30         29           Energy use (oil equivalent)*         (kL)         6,976         7,173         6,228         5,705         6,523	ROA	(%)	6.0	5.7	5.1	2.6	8.2
Number of employees         (persons)         742         797         831         917         924           Number of patents maintained         (patents)         45         39         39         30         29           Energy use (oil equivalent)*         (kL)         6,976         7,173         6,228         5,705         6,523	Dividends payout ratio	(%)	17.5	19.9	25.6	53.5	17.3
Number of patents maintained         (patents)         45         39         39         30         29           Energy use (oil equivalent)*         (kL)         6,976         7,173         6,228         5,705         6,523	Non-financial Data (C	onsolid	lated)				
Energy use (oil equivalent)* (kL) 6,976 7,173 6,228 5,705 <b>6,523</b>	Number of employees	(persons)	742	797	831	917	924
- 33	Number of patents maintained	(patents)	45	39	39	30	29
CO <sub>2</sub> emission* (t-CO <sub>2</sub> ) 15,300 16,270 13,624 13,378 <b>12,355</b>	Energy use (oil equivalent)*	(kL)	6,976	7,173	6,228	5,705	6,523
	CO <sub>2</sub> emission*	(t-CO <sub>2</sub> )	15,300	16,270	13,624	13,378	12,355

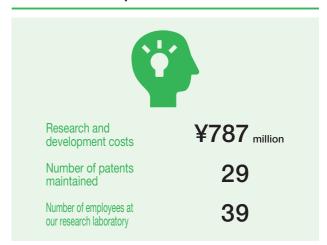
\*Scope: 19 plants in Japan

# Six Capitals for Realizing Value Creation (FY2020 results)

# **Financial Capital**



# **Intellectual Capital**



# **Human Capital**



# **Manufacturing Capital**



# **Social Capital**



# **Natural Capital**



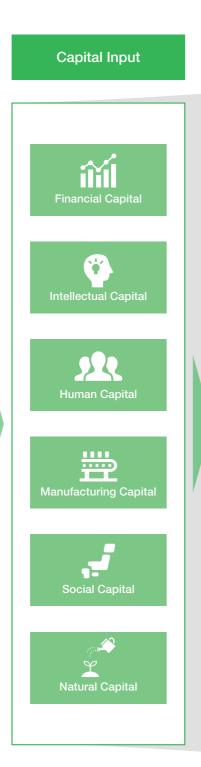
Integrated Report 2021 12 11 Nichireki Group

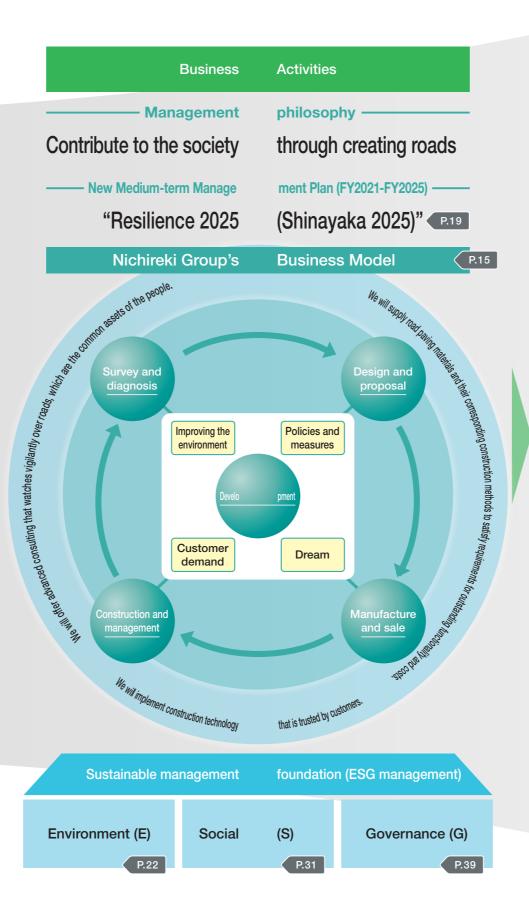
**Customers** 

# Value Creation Process

The Nichireki Group will accurately grasp the social environment that is changing continuously, and develop its own business model to enhance medium- to long-term corporate value while aiming to realize the creation of sustainable society.

# Social Environment Public investment and government policies trends (disaster prevention, disaster mitigation and national resilience) Intensifying natural disasters Increased risk of infection Fluctuation of raw materials prices Autonomous driving society and digital transformation (DX) Responding to environmental changes (decarbonized society, etc.) Increased corporate social responsibilities (ESG, SDGs, etc.) Promoting work style reforms Decreasing workforce population Responding to aging society SUSTAINABLE GOALS





# through business activities

# Financial targets (FY2025 targets)

¥77,000 million

¥7,800 million

[Ordinary profit margin]

[ROIC]

# Non-financial targets

[Number of launches of newly developed (improved)

10 or more

[Number of product of joint research

2 or more

[Annual overtime]

640 hours or less

[Paid vacation days taken per year] 50% or more of the days given

P.20

# Social value created

[Consolidated net sales]

[Consolidated operating profit]

[Consolidated ordinary profit] ¥8,000 million

10% or more

6.5% or more

[ROA]

5.0% or more

[Dividends payout ratio] Approx. 25%

# (FY2025 targets)

[Sales ratio of eco-friendly products and construction methods]

30% or more

products and construction methods]

and development rolled out]

number of paid vacation

**Shareholders** 

and investors

Vision for the 100th Anniversary of Foundation

P.18

stakeholders by creating roads Deliver peace of mind to <u>a</u>

**Employees** 

**Suppliers** 

The Nichireki Group contributes to the following SDGs goals:















# **Business Model**

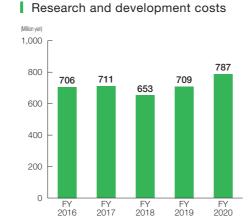
The Nichireki Group's strength is the ability to play roles of all companies engaged in road paving in a single corporate group, including consulting firms that make propositions on products and construction methods, design firms material manufacturers, and construction companies.



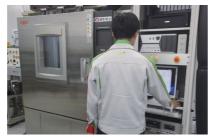
# Development

As the leading company in paving materials, the Nichireki Group constantly anticipates the diversifying and intensifying social needs, and supplies the latest technology that will contribute to society.

To further enhance the quality and accuracy of our research, our technical research center installed new performance evaluation testing machines in addition to the conventional testing equipment, and promotes R&D of eco-friendly products and construction methods in response to the demands of the social infrastructure maintenance times, such as making roads last longer and making major renewals. Our technical research laboratory also serves as a comprehensive R&D institution that helps enhance our technological capability through employee training, not just enhancing our R&D capability, by improving and sophisticating the laboratory as a facility to hold technical seminars on new construction methods and other various training sessions.







Technical research center

# Patents held by the Nichireki Group

The Nichireki Group continues to file patent applications, and files ones for co-ownership and maintains them in a strategic manner by promoting joint R&D projects with external organizations.

	FY2016	FY2017	FY2018	FY2019	FY2020
Number of patents maintained	45	39	39	30	29
Number of patents applied	1	0	3	6	7
Number of patents registered	3	0	2	2	1

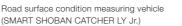
# Survey and diagnosis

The social infrastructure including paved roads and bridges essential for people's daily lives has recently become older and requires appropriate maintenance and management.

To support extensive social infrastructure management, we have various types of survey and measuring equipment. They include the ROMEN CATCHER Series (road surface condition measuring vehicles) that inspects the damage of road paving; ROMEN CATCHER FWD (pavement deflection amount measuring vehicle) that diagnoses the structural soundness of the road paving; and SMART SHOBAN CATCHER (non-destructive deck plate survey vehicle) that identifies the range and depth of damage locations on the top surfaces of concrete bridge deck plates inside the bridge.

Using these survey and measuring equipment, ICT, IoT and AI, we efficiently survey and diagnose the damage conditions of road paving.







How the road surface condition measuring vehicle

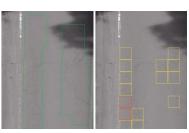


Illustration of road surface image analysis with Al

# Design and proposal

We propose optimal repair methods and maintenance and management plans based on the results of diagnosis. We make the social infrastructure last longer by assisting in creating a maintenance cycle to help people have safe and comfortable living environment.

We actively promote DX through initiatives such as "ROCS Lite web." It can be used indoors or out, using the internet to check conditions and share information on site.



ROMEN CATCHER FWD (pavement deflection amount measuring vehicle) It non-destructively surveys the soundness inside the road paving



Map and image display system in which the user can browse the results of road surface inspections on website

# Manufacture and sales

We manufacture products with three elements of long-lasting, recycling and low carbon in our eco-friendly plants (19 plants in Japan) that produce less CO<sub>2</sub> emissions, and preserve the environment. We aim to increase the efficiency of logistics operations with ICT, making our customers feel safer.

With its integrated selling style of sales and technology staffs, the Nichireki Group helps customers solve problems and issues faced by them, and gain their trust.



Sendai Plant







Oita Plant

# Construction and management

We seek to make residents living along roads feel safe, let alone gain trust from contractees and other providers involved. Specifically, we perform construction work always with the priorities of high quality and safety in mind while promoting the use of ICT and robotic construction machinery, which helps solve a labor shortage faced by the construction industry.



HQ HIBRANE AU construction method (construction with a binder spraying robot) Highly durable asphalt urethane membrane type waterproofing method for bridge deck slab. assuming a design durability of 30 years



STABI-CEMENT RC construction method (mixing method with a deep stabilizer) Cement and asphalt emulsion stabilizing base course construction method (on-site base course recycling construction method) in which the road's existing asphalt mixture and the base course are crushed and mixed at the same time with asphalt emulsion and cement

# Vision for the 100th Anniversary of Foundation

The Nichireki Group has set a vision for the 100th Anniversary of Foundation toward long-term growth. It represents our desired state when we mark the 100th anniversary of foundation in 2043. Under our management philosophy, we aim to grow into a sustainable organization by flexibly adapting to various environmental changes in the business climate while developing and managing business from more of an ESG perspective.

Our management philosophy is contributing to society by creating roads. We view "roads" of "creating roads" as "roads and lives," and "contributing to the society" as "delivering peace of mind to the society." We will evolve into a corporate group that "delivers peace of mind to all stakeholders, including customers, shareholders, investors, employees and suppliers through the creation of roads and lives."

Develop and manage business from more of an ESG perspective

Medium-term Management Plan

2020

Next 2020

-Moving on to the next stage-

# 2043

Vision for the 100th Anniversary of Foundation

# Deliver peace of mind to all stakeholders by creating roads

Customers

Ensure environmental preservation, safety and quality in the processes of developimproving and manufacturing products, construction work, surveys, etc.

Shareholders and investor

Enhance corporate value and engagement (Disclose information)

Suppliers

Constantly maintain and strengthen good and strong partnerships

**Employees** 

Create a work environment in which each and every employ ee finds their job meaningful and feels worth living

Medium-term Management Plan 2025

Resilience 2025

(Shinayaka 2025) -Aiming to be a company with strong organizational resilience-

Present

Flexibly adapt to various changes in the business climate

# Corporate Philosophy

Sowing the seeds, giving them water, letting them flower, and reaping the fruits



Management philosophy

# Contribute to the society through creating roads

- · Supply road paving materials and their corresponding construction meth-
- ods to satisfy requirements for outstanding functionality and cost

  Offer advanced consulting that constantly watches over "roads," which
- are the common assets of the people

  Implement construction technology that is trusted by customers

# Medium-term Management Plan

# Next 2020 **New Growth** -Moving on to the next stage-

FY2016 to FY2020

# Basic policy

We will promote to "expand and cultivate our business markets," and build a robust organizational structure and management foundation, aiming to be a sustainably growing corporate group through further increasing the ability to adapt to changes in the business climate.

# **Priority measures**

- Expand customer base
- Enhance R&D capabilities
- Strengthen corporate governance

#### Management numerical targets -

	FY2020 targets	FY2020 financial results
Consolidated net sales	¥63,000 million	¥71,471 million
Consolidated operating profit	¥6,000 million	¥9,140 million
Consolidated ordinary profit	¥6,000 million	¥9,574 million

## Outcomes and issues

- We expanded and cultivated our business markets and our customer base as a result of developing and improving products and construction methods that contribute to longer life and higher performance of paved roads and reduction of environmental load, as well as carrying out honest design and proposal activities.
- We strengthened our area management structure as a result of winning more orders by gaining support beyond areas, and increasing productivity through intensive product manufacturing and shipping.
- Although we have seen some progress in our efforts to expand and cultivate our business markets, we have yet to be successful enough to penetrate markets and customers in many cases. Several other issues also remained. For example, human resources and other management resources were not fully connected within areas.

# Resilience 2025 (Shinayaka 2025)

-Aiming to be a company with strong organizational resilience-

FY2021 to FY2025

The Nichireki Group has developed its new five-year Medium-term Management Plan "Resilience 2025

# Basic policy

In response to various changes in the business climate expected to occur on a large scale and at a fast pace, our organization strives to take flexible action as one based on prompt and appropriate decision making, aiming to grow into a sustainable corporate group.

# **Business environment**

- Impact of trends in public investments and government policies (disaster prevention, disaster mitigation and national resilience)
- Economic impact of natural disasters, infectious diseases, etc.
- Fluctuations in raw material prices and supply
- Social changes brought about by autonomous driving society and DX
- Changes in business practices such as decar-
- Expansion of corporate social responsibilities such as ESG, SDGs, etc.
- Changes in the labor market such as new working style, a declining workforce and an increasing portion of the elderly

# **Priority measures**

# Expand and cultivate our business markets, and penetrate markets

- In Resilience 2025 (Shinayaka 2025), we continue to expand and cultivate our business markets and firmly establish inhouse developed/manufactured products and construction methods for our customers and markets.
- We will boost sales of eco-friendly products and construction methods developed/manufactured in-house, which offer performance and functionality, such as long-lasting, recycling, CO<sub>2</sub> reduction, and safety.

# ■ Enhance R&D capabilities and improve productivity • In order to respond to various changes in the business

- environment, we will actively bring in new technologies and digital technologies from other industries and then evolve our own ones to tackle the development of innovative products and construction methods.
- We will strengthen the organic connection of human resources and other management resources to improve the productivity of the entire corporate group. In addition, we will strive to establish an advanced logistics network based on the concept of supply chain management.

# Strengthen the Group's management foundation

- We will build a robust financial and managerial foundation to fulfill our corporate social responsibility and continuously enhance corporate values under any circumstances.
- Aiming to achieve further growth, we will promote the development and training of human resources that will support sustainable growth.
- We will promote the sophistication and expansion of ICT and advance DX to improve our work environment and increase operational efficiency.

#### Boost environmental investments to contribute to the creation of a decarbonized society

 As a strategic move for the future, we will build an eco-friendly, advanced production and distribution site in Tsukubamirai City, Ibaraki Prefecture to accelerate our efforts suitable for the transition to a decarbonized society.



• We will strive to reduce energy consumption by upgrading the Group-owned vehicles to hybrid vehicles and renovating existing buildings and facilities.

# Numerical targets -

Financial targets	FY2020 financial results	FY2025 targets
Consolidated net sales	¥71,471 million	¥77,000 million
Consolidated operating profit	¥9,140 million	¥7,800 million
Consolidated ordinary profit	¥9,574 million	¥8,000 million
ROIC	11.2%	6.5% or more
ROA	8.2%	5.0% or more

Non-financial targets	FY2020 financial results	FY2025 targets	FY2043 targets	Target stakeholders and SDGs mapping	d		
Sales ratio of eco-friendly products and construction methods <sup>1</sup>	12.6%	30% or more 80% or more				7 minorative 9 languagements  \$\sigma_{\sigma} \square{2}\$	11 SECURIAL CIT
Number of launches of newly developed (improved) products and construction methods <sup>2</sup>	10	10 or more	40 or more	Customers  12 (Stronger of Bartin of			
Ordinary profit margin	13.4%	10% or more	10% or more	Shareholders 9 Marinage Branch	9 section beyonds		
Dividends payout ratio	17.3%	Approx. 25%	Approx. 30%	and investors			
Number of products of joint research and development rolled out <sup>3</sup>	2	2 or more	10 or more	Suppliers 12 topsaid 17 minoses			
Annual overtime <sup>4</sup>	640 hours or less 77.8%	640 hours or less	360 hours or less	4 despires 8 minimum and 10 minimum			
Days of annual paid leave taken <sup>5</sup>	50% or more of the number of paid vacation days given 52.4% (9.6 days on average)	50% or more of the number of paid vacation days given	90% or more of the number of paid vacation days given	Employees			

2. The cumulative number of new products and construction methods (including those improved) to be launched from FY2021 onward. The figures of FY2020 financial results are the cumulative totals from

3. The cumulative number of developed products to be launched from FY2021 onward as a result of joint R&D projects. The figures of FY2020 financial results are the cumulative totals from FY2016 to FY2020.

It covers all Group employees

It covers all employees who have been given 10 or more days of annual paid leave.

# Boost environmental investments to contribute to the creation of a decarbonized society

# Eco-friendly, Advanced Production and Distribution Site



Envisioning our future business development, the Nichireki Group decided to expand into the land readjustment project area in Fukuoka Industrial Park in Tsukubamirai City, Ibaraki Prefecture. The decisive factors are convenient access to the networks of road and railroad, low disaster risk and remarkable growth with large labor force population.

We will construct an aesthetically pleasing, eco-friendly, advanced production and distribution site and a hub functioning as a center of construction and surveys, while proactively working on interaction with local community among others as well as contributing to efficient development of infrastructure in Tsukubamirai City and across the country.

## Concepts

Construct a new plant with an eye to the 100th anniversary of the Group Build a decarbonization-conscious, eco-friendly production base that is capable of manufacturing new products to deal with various changes in the business environment and to accommodate future needs

# Strengthen BCP

Strengthen our production system by having two main hubs in light of diversification of risks while fulfilling our responsibility in providing products (Double-core strategy)

Establish a core hub for distribution, vehicles and equipment
Put in place a group of warehouses for products, a center for
efficient nationwide delivery system, and a vehicle yard for
vehicles for paving survey and construction along with other
equipment

Initiatives to contribute to community revitalization
Develop business activities responsible for local environment
and aesthetically pleasing, as well as contribute to local economic and social development through the creation of employment and CSR activities, etc.



# **Environment**

To sustain rich global environment



# **Environmental Policy**

The Nichireki Group acquired the certification for integrated management system including environmental management system (ISO 14001) in February 2012, in addition to the certification for quality management system (ISO 9001) that has been implemented. Five efforts are specified in our environmental policies that form the backbone of environmental management system. Under those policies, we promote development and provision of eco-friendly products and construction methods, with reducing wastes, saving natural resources and energy, and recycling, while of course complying with laws and regulations, in mind.

## **Environmental Policies**

As a corporate group that is indispensable for creating "roads," we will strive to preserve the global environment, improve the local living environment and contribute to the realization of a sustainable society.

April 1, 2021

Manabu Obata, Representative, Nichireki Group

- 1. We comply with environmental laws and regulations, and promote an environmental management system.
- 2. We promote the reduction of waste products, saving of natural resources, energy conservation, and recycling activities.
- 3. We develop eco-friendly products and construction methods, and provide them to the society.
- 4. We promote environmental protection activities and strive to prevent pollution.
- 5. We strive to further improve environmental awareness through education and business activities to reduce the impact on our environment.



(Union of Japanese Scientists and Engineers ISO Registration Center)

# **Eco-friendly Products and Construction Methods**

The Nichireki Group will strive to develop eco-friendly products and construction methods, which offer performance and functionality, such as long-lasting, recycling, CO2 reduction and safety, and continue to deliver peace of mind to road users and residents living along roads.

# Long-lasting performance

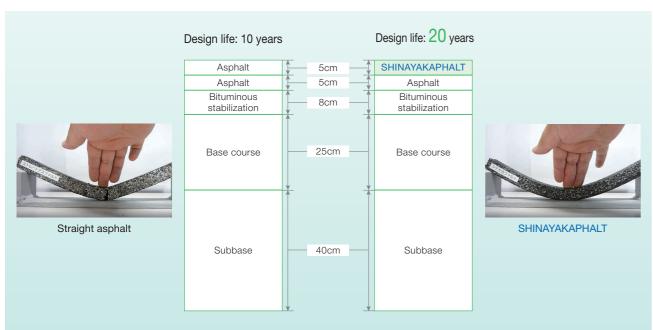
# SHINAYAKAPHALT

20-year design life for asphalt paving

This material with 1.7 times greater performance than the traditional asphalt mixture helps prevent damage caused by cracks. Accordingly, SHINAYAKAPHALT enables paving to last much longer than the traditional asphalt mixture when used in the same road. This material was adopted in roads used for the cycling road race course in the Tokyo 2020 Olympic Games.







# Long-lasting performance

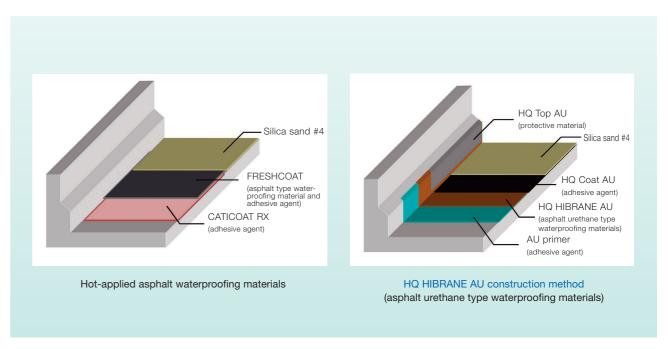
# **HQ HIBRANE AU construction method**

30-year design life for bridge deck slab waterproofing layer

This method meets the standards for waterproof performance with assumed durability of 30 years. It prevents bridge deck slab from deteriorating due to the intrusion of water and de-icing agent for a long period of time. This method is adopted in expressways and national roads to help make them last longer.







# Recycling

# STABI-CEMENT RC construction method

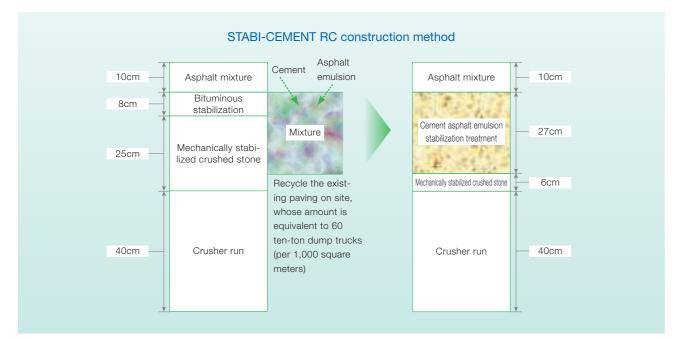
Amount of existing paving recycled at present location (27 cm in thickness of recycled paving)

# Equivalent to 60 ten-ton dump trucks (per 1,000 square meters)

We recycle a damaged road and re-construct a new road at present location. This enables a significant reduction in paving debris from the site. It also helps shorten a construction period and limit CO<sub>2</sub> emissions from traffic jams, etc. This method enables us to construct a stronger base course than the traditional crushed stone base course, making the road last longer.







# Recycling

# **ASWOOD** paving

# Amount of forest-thinning materials used: 10 tons (4 cm thickness per 1,000 square meters)

This method makes effective use of resources such as forest-thinning materials. The method is used for sidewalks and other paths in national parks, historical parks and public parks. We had constructed a total of 26,063 square meters of sidewalks and other paths for five years from FY2016 to FY2020, and used 218 tons of forest-thinning materials in total. The method has outstanding cushioning property and water permeability, giving walkers and joggers comfort, and puddles are unlikely to form. In addition, the mellow texture of the materials brings healing.





Forest-thinning materials

# **ASWOOD** paving 3~5cm

10cm Base course

**ASWOOD** paving

# CO2 reduction

# Super Clean 50

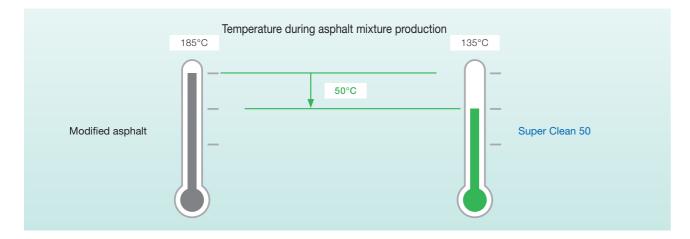
# **20**% reduction in CO<sub>2</sub> emissions during asphalt mixture production

The temperature during asphalt mixture production can be lowered by 50 °C. This enables a reduction in fuel consumption during mixture production, cutting CO<sub>2</sub> emissions by 20%. It also reduces a period of time until traffic opening after completion of construction.









# Safety

# Porous paving (CHEMIPHALT MX)

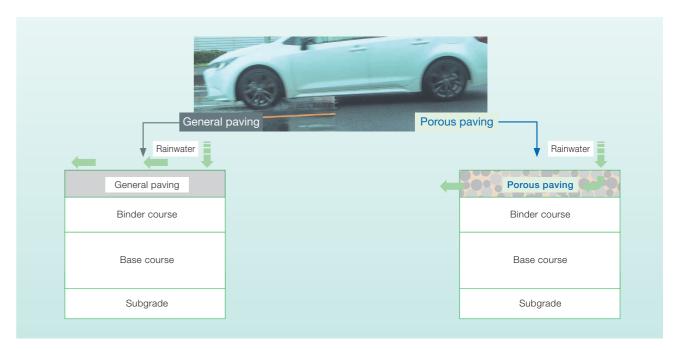
# 85% decrease in car accidents on rainy days

As this porous paving helps let rainwater drain on paved road surface on a rainy day, it prevents car skidding, rainwater splashing and poor visibility during driving, ensuring driving safety to reduce car accidents. It also reduces roadway noise during driving. CHEMIPHALT MX offers superior aggregate scattering resistance and high durability, which extend the life of paving.

\* Institute for Traffic Accident Research and Data Analysis: ITARDA INFORMATION No. 25, March 2000







# Toward a realization of Sustainable, Eco-friendly Society

The Nichireki Group promotes activities to contribute to the achievement of SDGs, such as initiatives to reduce CO2 emissions by normal temperature construction methods and high durability construction methods among others, initiatives for "3Rs (Reduce, Reuse, Recycle)" centered on recycling construction methods, initiatives in biodiversity conservation that make efficient use of timber from forest thinning, etc. Toward the realization of carbon neutrality (eliminating emissions of greenhouse gas including CO<sub>2</sub>) by 2050, we will further accelerate our efforts.

# SUSTAINABLE GALS



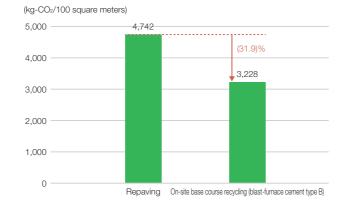
# Low Carbon Society

One of the Nichireki Group's main construction methods is STABI-CEMENT RC construction method (onsite base course recycling construction method).

This method, used as a substitute for the repaving construction method, enables us to reduce CO2 emissions by approximately 30%. The Nichireki Group positions STABI-CEMENT RC construction method as an "eco-friendly method" and, through expanding sales of this method, we strive to realize a low carbon

In our plants, we work on saving energy required for manufacturing products as well as on reducing CO<sub>2</sub> emissions. Both energy use (oil equivalent) and CO<sub>2</sub> emissions for the past five years indicate a downward trend.

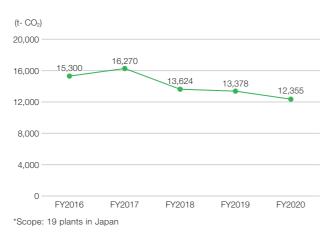
# CO<sub>2</sub> emissions by construction type (per 100 square meters)



# Energy use (oil equivalent)\*



# CO<sub>2</sub> emissions\*

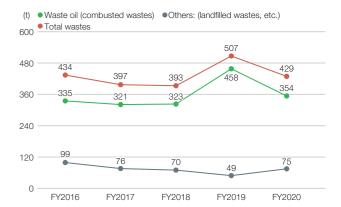


# Recycling Society

Resources are efficiently used based on the policy of 3Rs, namely Reduce, Reuse and Recycle. Specifically, the Nichireki Group recycles materials of existing paving by the above STABI-CEMENT RC construction method. Industrial wastes generated through business activities are appropriately disposed of based on the applicable laws and regulations.

The volume of wastes discharged from the plants remained almost flat at approximately 400 to 500 tons per year in the past five years. From FY2017 onward, waste oil combusted accounts for more than 80%, whereas other wastes landfilled remain to account for less than 20%.

# Disposal amount of waste discharged from the plants



# Society living in harmony with nature



One of the efforts to regenerate a forest is forest thinning. Cutting trees in an intact dense forest at appropriate intervals creates space required for trees to grow as well as increases the penetration of solar radiation, which enables undergrowth to grow.

Thinning is thus essential to form a healthy forest. Timber from forest thinning is widely used, but there is still more room for further utilization. ASWOOD paving is normal temperature paving using wood chips made from timber from forest thinning, which can be utilized for walking trails in parks and more.

ASWOOD paving (wood chip paving)

#### Construction results



# Social

# Toward a Rewarding Work Environment

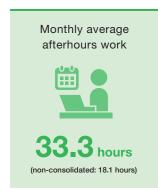


# Workstyle reforms

The Nichireki Group has appropriate labor management in place and is working to reduce long working hours. In FY2020, we introduced an attendance management system using ICT, and efficiently manage employees' clock-in, clock-out, working hours, afterhours work, night work, and work on days off.

We also systematically encourage employees to take more paid leave than is statutorily required by having them report in advance to the Human Resources Department when they plan to take paid leave at the beginning of each fiscal year.

As part of the initiative to offer more ways of working, we are pushing ahead with the introduction of remote working. Our employees engaged in sales or construction used to go back to the office after finishing work outside to make a daily report and complete other tasks. To ease their burden, we lent a portable laptop to these employees, and partially introduced a system that allows them to complete their tasks on the day on site and go home directly without returning to the office. We are seeing some positive results in reducing their working hours and improving their work-life balance.









# Medium- to long-term targets

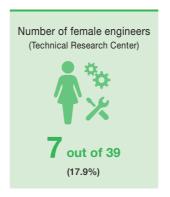
Item	FY2020 result	FY2025	FY2043	SDGs mapping
Annual after- hours work*1	640 hours or less 77.8%	640 hours or less	360 hours or less	4 DUALITY 8 HOOM WARE AND EDWARD STORY
Number of days of annual paid leave taken*2	50% or more of number of days granted 52.4%	50% or more of number of days granted	90% or more of number of days granted	

<sup>\*1</sup> Covers all Group employees

# Promotion of diversity and inclusion

The Nichireki Group has developed and is managing various systems for employees, such as a parental leave system and a short working hour system for parenting workers, so that they can raise their children with peace of mind. We continue to flexibly design systems in a way that always accords with Japan's legal system and meets the demands of the times. For example, an amendment of the Ordinance for Enforcement of the Act on Childcare Leave, Caregiver Leave, etc. took effect in January 2021. In response to the amendment, we changed internal rules so that all workers can take childcare leave and caregiver leave on an hourly basis.

Furthermore, we focus on cultivating an organizational climate and culture that is geared to diversity and inclusion. We will embrace diversity in religion, gender, age, nationality, disabilities, values, workstyle, career and other aspects, and focus our efforts on developing a work environment where employees can deliver their full potential.









# Establishment of systems for talent development

In the recruitment and selection process, we give detailed explanations of our business to job seekers to facilitate their understanding of us. We focus on providing careful guidance and consideration to new hires under our OJT system after they join us. We are currently preparing to roll out a new HR system in April 2022, which will help raise employee motivation to develop skills and strengthen the Group's management foundation.

In addition to improving the Group's training programs, we hold internal seminars to support the learning of employees to acquire qualifications such as Professional Engineer and First-Class Civil Engineering Works Execution Managing Engineer, which are essential for our business.

# Group training programs













<sup>\*2</sup> Covers employees who are granted 10 or more days of annual paid leave.

# Building an Occupational Health and Safety System

# Policy on health and safety

Under its Health and Safety Management Policy, the Nichireki Group has prepared a manual covering its occupational health and safety management system titled Nichireki Cosmos, to eliminate accidents and disasters and prevent incidents caused by a third party. To further promote safety initiatives, the Nichireki Group has upgraded its Head Office's Safety, Quality and Environment Management Office into a department in November 2020, and established the Health and Safety Section in each branch as a separate organization.

# Health and Safety Management Policy

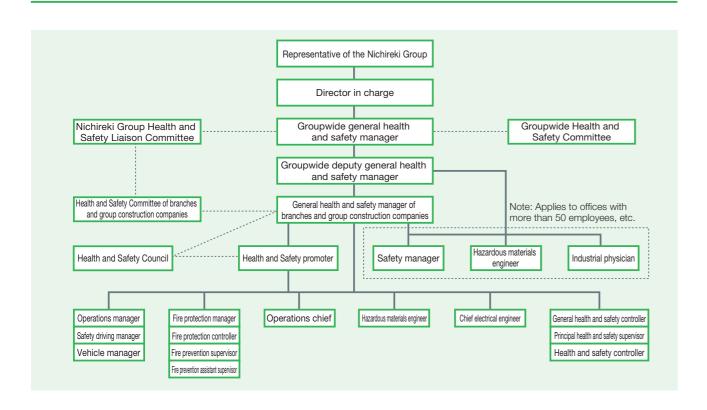
We will diligently manage the occupational health and safety management system, eliminate accidents and disasters, and create a safe and comfortable work environment.

April 1, 2021

Manabu Obata, Representative, Nichireki Group

- 1. We will comply with laws, regulations, ordinances, and internal rules on occupational health and safety
- 2. We will improve the effectiveness of safety assemblies, and establish a safety
- 3. We will improve meetings before work and Kiken Yochi (hazard prediction; "KY") activity to prevent hazards and improve safety
- 4. We will strengthen safety patrols so that safe behavior becomes the norm
- 5. We will ensure that workers use finger pointing and calling and wheel chocks to prevent human errors
- 6. We will promote the 5S practice (Seiri, Seiton, Seiso, Seiketsu, and Shitsuke in Japanese or Sort, Set in order, Shine, Standardize, and Sustain in English)
- 7. We will implement the one, two, three practice (slow down by one tenth, inter-vehicle distance by two times, and depart three minutes earlier than scheduled)

# Health and safety management system



# Status of accidents and workplace injuries and mitigation measures

We have not been able to reduce the number of accidents in any category.

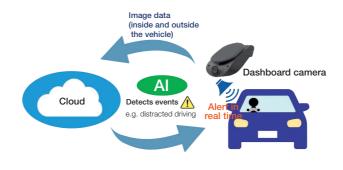
# Number of accidents

	FY2016	FY2017	FY2018	FY2019	FY2020
Accidents involving damage to the public	12	5	15	13	15
Equipment-related accidents	3	8	5	4	5
Car accidents*1	6	5	0	2	10
Workplace injuries*2	3	2	2	3	5

<sup>\*1</sup> Work accidents resulting in injury

At the Nichireki Group, employees and subcontractors make concerted efforts to reduce accidents, aiming to achieve the goal of zero accidents. Specific initiatives are as follows:

- · Compile a health and safety management rule book and make updates
- · Always comply with procedures stipulated in the rule book and constantly perform basic practices such as finger pointing and calling
- · Improve the effectiveness of health and safety management by standardizing relevant forms
- · Promote safety patrols by the Safety, Quality and Environment Management Department nationwide and en-
- · Install Al-powered dashboard cameras in sales cars and road surface measuring vehicles





Al-powered dashboard camera

Safety patrol on website

<sup>\*2</sup> Injuries resulting in four or more lost workdays

# **Enhancing the Supply Chain Management**

# Policy for ensuring quality

Under its quality policy, the Nichireki Group constantly pursues the creation and supply of products and construction methods that meet the needs of customers as efforts in compliance with ISO9001.

# **Quality Policy**

Based on its spirit of sowing the seeds embodied by "Sowing the seeds, giving them water, letting them flower, and reaping the fruits", the Nichireki Group is constantly creating and supplying products and construction methods that gain customer satisfaction and trust in order to contribute to the society through creating "roads".

> April 1, 2021 Manabu Obata, Representative, Nichireki Group

- 1. We will create new customers by supplying competitive products and construction methods
- 2. We will meet customers' demands by developing attractive products and construction methods
- 3. We will develop and utilize survey technologies tailored to customers and markets



ISO Certificate of Registration (Union of Japanese Scientists and Engineers ISO Center)

# Acclaim for quality (projects commended)

Received the Excellent Construction Work Award for the work performed under the 2018 Kokubunji-jurisdiction Road Surface Repair Project (Part 2). (Construction period: March 21 to October 31, 2019)

New National Route 4 paving work in Tochigi Prefecture was selected as an excellent construction work by the Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism, and Nichireki Group's NICHIREKI ROAD CO., LTD. received the Excellent Construction Work Award from the Bureau's Director General.

In this project, we made many offerings of materials and construction methods to extend the life of road pavements. Those adopted include SHINAYAKAPHALT paving binder for longer life pavements, CONTAINERPHALT SUPER polymer modified asphalt that excels in load deformation resistance, and SUPER TACKZOL rapid breaking asphalt emulsion, and STABI-CEMENT RC construction method that recycles onsite materials. Also, the execution of construction was highly regarded for its fine finishing achieved under appropriate construction management.





# Cooperation with suppliers in procurement

The Nichireki Group has been promoting ESG-oriented procurement activities throughout the entire supply chain in cooperation with suppliers so as to grow into a sustainable corporate group.

For the procurement of items that have an impact on product quality, we conduct a supplier evaluation for registration and certification at least once a year. For suppliers that are ranked low as a result of the evaluation, we recommend that they take necessary measures for improvement.

We actively communicate with suppliers so that we can build relationships of trust.

# Medium- to long-term targets

Item	FY2020 result	FY2025	FY2043	SDGs mapping
Percentage of suppliers evaluated	100%	100%	100%	12 EDROGET 17 FARMINISHS AND PRODUCTION AND PRODUCT

# Taking on Initiatives as an R&D-oriented Company

# Development of new products and construction methods

Under the previous Medium-term Management Plan "Next 2020," we expanded our customer base and business markets through the development and improvement of products and construction methods that contribute to environment and longer life of paved roads, as well as the implementation of design and sales activities in a simple and honest manner, based on our policy of "expanding and cultivating our business markets." We are currently required to practice more environmentally friendly and sustainable corporate activities so as to achieve a decarbonized society with the aim of "achieving net-zero emissions of greenhouse gas by 2050." Under such circumstances, while continuing with the above policy, we are pursuing the development and improvement of environmentally friendly and innovative products and construction methods, which offer performance and functionality, such as long-lasting, recycling, CO<sub>2</sub> reductions, and safety, under our new Medium-term Management Plan "Resilience 2025 (Shinayaka 2025)."

# Medium- to long-term targets

Item	FY2020 result	FY2025	FY2043	SDGs mapping
Sales ratio of environ- mentally friendly products and construction methods <sup>1</sup>	12.6%	30% or more	80% or more	7 SITEMBRIE IN 9 MOUTEN INCOMPS  11 SECTIONAL CHEE  12 SECTIONAL CHEE  13 SECTIONAL CHEE  14 SECTIONAL CHEE  15 SECTIONAL CHEE  16 SECTIONAL CHEE  17 SECTIONAL CHEE  18 SECTIONAL CHEE  18 SECTIONAL CHEE  18 SECTIONAL CHEE  19 SECTIONAL CHEE  10 SECTIONAL CHEE  10 SECTIONAL CHEE  11 SECTIONAL CHEE  11 SECTIONAL CHEE  12 SECTIONAL CHEE  13 SECTIONAL CHEE  14 SECTIONAL CHEE  15 SECTIONAL CHEE  16 SECTIONAL CHEE  17 SECTIONAL CHEE  18 SECTIONAL CHEE
Number of newly developed (improved) products and construc- tion methods launched <sup>2</sup>	10	10 or more	40 or more	12 storeday consumption of the stored of the

- 1. Eco-friendly products and construction methods refer to those more conscious of environment than existing ones. Sales ratio refers to a ratio to consolidated net sales.
- 2. The cumulative number of newly developed (improved) products and construction methods to be launched in FY2021 or later. The figure for the FY2020 result is the cumulative total from FY2016 to FY2020.

# Joint research and development with external partners

In research and development activities, Nichireki has been proactively promoting external alliances and open innovation with external partners so as to meet increasingly sophisticated and diversified technological needs and increase the investment efficiency in technological development. Those external partners include client entities; research institutions including universities, companies in different industries, including manufacturers of chemical materials and construction equipment, and industry peers.

As a result of these efforts, we have jointly developed a modified asphalt for bridge levelling guss asphalt (BLG) pavement, which can be applied to concrete bridge decks, with Nippon Expressway Research Institute Company Limited and Kajima Road Co., Ltd. We have also jointly developed POLIMASTER, a self-driving grinding and polishing machine, with a construction equipment manufacturer. The machine is used in the surface preparation process of bridge deck waterproofing work necessary for increasing the adhesion performance of the deck's waterproof

We will continue proactively pursing joint research and development activities with external partners.

# Medium- to long-term targets

Item	FY2020 result	FY2025	FY2043	SDGs mapping
Number of joint research and development projects	2	2 or more	10 or more	12 stockets consumers are reaction.

\*The cumulative number of developed products to be launched in FY2021 or later as a result of joint R&D projects. The figure for the FY2020 result is the cumulative total from FY2016 to FY2020

# Communicating with Society

# Social contribution activities

The Nichireki Group, a group of companies engaged in public works, proactively participates in disaster recovery activities and community contribution activities though many of its locations across the country extending from Hokkaido to Kyushu.

#### · NICHIREKI ROAD CO., LTD.

Nichireki Road cleaned up the Chiba-Togane Road (expressway) after a typhoon as part of a construction project. The primary contractor of the project was East Nippon Expressway Company Limited. Nichireki Road received a certificate of appreciation from the Kanto Director General of East Nippon Expressway Company Limited



#### Kanto Branch

The branch gave a special class on civil engineering technology at Tochigi Prefectural Utsunomiya Technical High School.



## • TOHOKU NICHIREKI CONSTRUCTION CO., LTD.

Tohoku Nichireki Koji engaged in an activity to support the restoration of typhoon damage.



# • IWATE NICHIREKI CO., LTD.

Iwate Nichireki gave a class to study a certain theme at Iwate Prefectural Kurosawajiri Technical High School.



#### · Chubu Branch

The branch outlines its business for second-grade students of Inazawa City Inazawakita Elementary School who visit the branch on a field trip every year.



# · SAITAMA NICHIREKI CO., LTD.

Saitama Nichireki belongs to the "Sainokuni Road Support Program (Saitama Prefecture)," an initiative to volunteer to clean up roads (involving 805 organizations). Saitama Nichireki engages in the cleaning activity twice a year.



# Topics

We Win the Environment Minister's Award/Grand Award in the Environment Category of the 69th Nikkei Advertising Awards

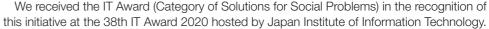
Our series of advertisements placed on the morning edition of the Nikkei over three weeks, on July 14, July 21 and July 27, 2020, received the Environment Minister's Award/Grand Award in the Environment Category of the 69th Nikkei Advertising Awards.

We aimed to further instill the Nichireki Group's corporate brand by putting its corporate attitude of pursuing new performance in the creation of "roads" as well as our strong motivation for social contribution into a self-questioning phrase "Are roads friendly to them?"



# We Win the 38th Information Technology Award 2020

Together with NIPPON TELEGRAPH AND TELEPHONE EAST CORPORATION and NTT COM-WARE CORPORATION, we produced and began offering the "Smart Road Surface Inspection Service," a service to provide high-quality road surface inspection and diagnosis service at low price, by adding communications, Al and ICT technologies to the road surface inspection and diagnostic technologies that Nichireki has cultivated to date.





Integrated Report 2021 Nichireki Group



# Governance

# Corporate Governance

# Basic approach to corporate governance

The Nichireki Group implements all its management plans based on its corporate philosophy. To that end, we are pursuing sound, transparent and efficient management by establishing a corporate governance structure appropriate for the Group's business and constantly checking the structure for further enhancement.

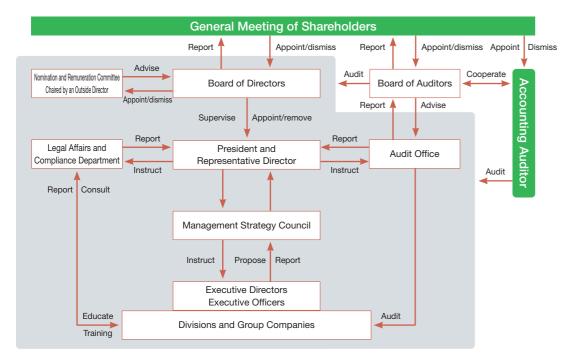
# Responses to the Corporate Governance Code

Recognizing that the Corporate Governance Code is what our society requests and expects us to be like, we intend to conduct our business by placing the code at the heart of business management in order to achieve sustainable growth of the Nichireki Group and increase its corporate value over the medium to long term.

# Corporate governance system

To ensure quick and accurate decision-making as well as the supervision of the performance of duties by Directors, Nichireki's Board of Directors is composed of Executive Directors who are well versed in the Company's business and independent Outside Directors. Further, the Company has set the Board of Auditors so that Auditors can audit the performance of duties by Directors in a fair and objective manner from an independent standpoint, and properly perform their management oversight functions. The Company considers that such a system will increase the soundness and efficiency of management and it is effective for the Group's sustainable growth and enhancement of corporate value over the medium to long term.

Our corporate governance system is as shown below.



The members of the Company's Board of Directors are eight Executive Directors, four Outside Directors, who are not involved in business execution, and four Auditors (two of whom are Outside Auditors), which ensures sound management. In order to ensure the diversity of perspectives in the Board of Directors' decision-making and enhance its management oversight function by appointing Outside Directors with in-depth knowledge and extensive insights in all aspects of corporate management.

Meanwhile, the Company's Board of Auditors is composed of two Auditors who are well versed in the Company's operations and two Outside Auditors who have abundant experience and in-depth insights in their areas of expertise. Each Auditor strictly audits the status of performance of duties by Directors, Executive Officers and other officers as well as matters such as the status of the Company's assets, in cooperation with the Company's Accounting Auditor (an auditing firm) and the Audit Office, a department of the Company in charge of internal control and internal audits.

Further, the Company provides outside officers (Outside Directors and Outside Auditors) with opportunities to meet with Representative Directors and other officers, as needed, to share managerial challenges and exchange opinions, while establishing a support system for Outside Officers, such as by providing information, so that they can obtain necessary information and fulfill their roles.

# Reasons for the appointment of outside officers, etc.

Title and name	Reasons for appointment	Attendance at meetings (FY2020)	Significant concurrent positions
Osamu Kobayashi	As a certified public accountant and a certified tax accountant, he has abundant experience, an extensive track record, and insight in corporate accounting and tax affairs.	15/15 Board of Directors meetings (100%)	Outside Corporate Auditor of NOK CORPORATION
Director Haruko Shibumura	As an attorney, she has expertise, abundant experience, an extensive track record, and insight in corporate legal affairs including corporate compliance.	15/15 Board of Directors meetings (100%)	Outside Director of TAMURA CORPORATION Outside Director (Director who is an Audit & Supervisory Committee Member) of Astellas Pharma Inc.
Director Takuya Kidokoro	As an attorney-at-law, he has abundant experience and track records in corporate restructuring and corporate legal affairs, as well as considerable knowledge about corporate management.	15/15 Board of Directors meetings (100%) 13/13 Board of Auditors meetings* (100%)	_
Director Mieko Fukuda	She has abundant experience and specialist knowledge gained through her engagement in corporate management and marketing-related divisions. In particular, as a management consultant she possesses a high level of expertise in market research, analysis, and strategy development.	— (Assumed the position in June 2021)	_
Auditor Tsutomu Kanitani	As a certified tax accountant, he has expertise and abundant experience in corporate management including tax affairs.	15/15 Board of Directors meetings (100%) 13/13 Board of Auditors meetings (100%)	_
Auditor Noriko Kawate	As a certified public accountant and a certified tax accountant, she has abundant experience, track records, and insight in corporate finance and accounting.	— (Assumed the position in June 2021)	Outside Director of Ichigo Inc. Outside Corporate Auditor of Sumitomo Bakelite Co., Ltd.

<sup>\*</sup>Before Mr. Takuya Kidokoro assumed the position of Outside Director of the Company on June 29, 2021, he had served as Outside Auditor of the Company since June 2019.

# Internal Control and Compliance

# Internal control

To ensure efficient execution of duties by directors, Nichireki has set the Board of Directors Regulations to clarify the authority, responsibilities and operations of the Board of Directors.

In principle, the Company's Board of Directors meeting is convened once a month. Based on the belief that any material information pertaining to the Company's management strategy must be reported to the Board of Directors adequately and in a timely manner, the Management Strategy Council meets, in principle, twice a month in advance of the Board of Directors meetings so that Board's meetings can be operated efficiently and effectively.

Minutes of the Board of Directors will be prepared to record information on matters to be resolved by and reported to the Board of Directors and kept in accordance with the Document Management Regulations and other internal rules. Meanwhile, the Company has built a system to ensure the swift and precise execution of matters decided by the Board of Directors in accordance with the Administrative Authority Regulations and other internal rules.

To ensure the appropriateness of each Group company's operations, the Group has established the Group Business Management Regulations and built a business management system based on its management philosophy. Under this business management system, the Company performs audits of Group companies and provides them with guidance on their business. At the same time, the Company has a policy to grant a pre-approval for any material matter regarding Group companies by receiving reports from them or discussing with them.

In addition, Group companies have established the Group's uniform internal regulations to promote unity within the Group.

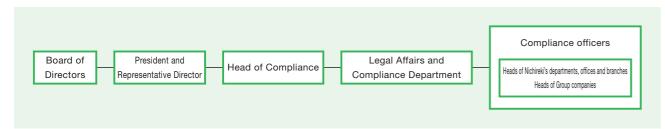
# Promotion of compliance

We have set up the Legal Affairs and Compliance Department as a department in charge of compliance with a director appointed as the Head of Compliance. We have also set internal regulations and prepared the Compliance Manual, thereby making sure everyone in all of our Group companies is aware of the compliance rules.

We have opened a hotline on the Group network as a point of contact for consultation and reporting, which receives reports and provides consultation on compliance directly from and with the Group's employees. The hotline also accepts their opinions and proposals on compliance.

Furthermore, we provide hands-on compliance training, which also introduce cases of other companies, for employees in each area twice a year under the initiative of the Legal Affairs and Compliance Department to raise the awareness of compliance among employees

# Compliance system diagram



# Medium- to long-term targets

Item	FY2020 result	FY2025	FY2043	SDGs mapping
Internal compliance training workshops	Twice a year	Twice a year	Twice a year	16 MOX. MINE No and mine Not Mines.

# Risk Management

# Basic policy

For the Nichireki Group's risk of loss, we have developed various regulations on risk management as part of the Group's business management. We have also established a system where the Company's department responsible for risk management sets rules and guidelines, provides training, and prepares and distributes manuals as needed. In cases where it is necessary to address a new risk, the President shall immediately appoint a director to be responsible for addressing the risk and notify all Group companies of the matter. If the risk is likely to materialize and cause serious damage, the responsible director shall immediately report to the Board of Directors.

# · Management system

For financial and legal risks and those of disasters and other events, the status of risk management is reported to the President and the Board of Directors by departments in charge of these issues in accordance with relevant regulations.

## Major business risks

Major business risks that may affect the Group's operating results and financial position include the following:

1 Raw material prices and supply trends

6 Country risks

2 Trends of public works

6 Information security

Trends of price competition

**7** Risks of natural disasters, infectious diseases, etc.

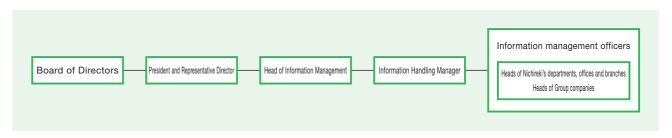
4 Credit risks

8 Risks associated with legal regulations, etc.

# Information security

We have established a system for the centralized management of information security by appointing a director as the Head of Information Management and assigning the Information Handling Manager.

# Information management system diagram



# Disaster management measures

To respond to natural disasters, such as earthquakes, typhoons and floods, we have set the BCP Management Regulations (regulations for the management of business continuity plan) and the Disaster Prevention Regulations. As part of such efforts, we have introduced a safety confirmation system to confirm the safety of employees in times of natural disasters.

# Directors and Auditors (As of June 29, 2021)

# **Directors**



Manabu Obata President and Representative Director

Yuji Kawaguchi

1980 Joined the Company

Senior Managing Director East Japan Supervising Manager

Katsumi Eri

General Manager, Business Division

September 1981 Joined the Company

Managing Director

pril	1982	Joined the Company
1ay	2007	Executive Officer and Tokyo Area Manager of
		the Company
		President and Representative Director of
		Nichireki Tokushu Koji K.K.
uno	2011	Soniar Evacutive Officer and Vice Conoral

- Manager, Business Division of the Company 2013 Managing Director and General Manager,
- Business Division of the Company 2015 President and Representative Director of the Company
- June 2020 President and Representative Director of the Company (to present)

June 2011 Director, Senior Executive Officer, and Kanto Area Manager of the Company

ing Manager of the Company 2018 Senior Managing Director and Tokyo/Kanto

June 2010 Executive Officer and Kansai Area Manager of the Company

Manager of the Company

Nichireki Tokushu Koji K.K.

2013 Senior Executive Officer and Tokyo Area

2014 Senior Executive Officer and Vice General

2015 Managing Director and General Manager.

2020 Managing Director and General Manager,

Business Division of the Company

2013 Managing Director and Kanto Area Manager of the Company

Supervising Manager of the Company 2021 Senior Managing Director and East Japan

Supervising Manager of the Company (to

President and Representative Director of Kinki Nichireki Koji K.K.

President and Representative Director of

Manager, Business Division of the Company

Business Division of the Company (to present)

President and Representative Director of NICHIREKI ROAD CO., LTD.

President and Representative Director of NICHIREKI ROAD CO., LTD. 2018 Managing Director and Tokyo/Kanto Supervis-



Yasumori Takahashi

Executive Vice President and Representative Director

	May	2003	Joined the Company as Advisor
	June	2003	Director and Vice General Manager, Adminis-
			tration Division of the Company
	June	2007	Director, Senior Executive Officer, and Vice
l			General Manager, Administration Division of
ı			the Company
ı	June	2008	Managing Director and General Manager,
ı			Administration Division of the Company
ı	June	2013	Senior Managing Director and General Manager,
			Administration Division of the Company
	June	2017	Executive Vice President and Representative

2020 Executive Vice President and Representative Director of the Company (to present)



Akiyoshi Hanyu

Managing Director General Manager, Technology Development Division

	April	1982	Joined the Company
	June	2011	Executive Officer and General Manager,
			Technical Research Center of the Company
À	June	2013	Director, Senior Executive Officer, and General Man-
			ager, Technical Research Center of the Company
	June	2015	Managing Director and General Manager, Engineer-
			ing and Manufacturing Division of the Company
	April	2020	Managing Director and General Manager, Tech-
			nology Development Division of the Company
	June	2020	Managing Director and General Manager,

Company (to present)

Technology Development Division of the



Seiichi Nemoto

Managing Director Kanto Area Manager

April	1982	Joined the Company
June	2013	Senior Executive Officer and Kyushu Area Manager of the Company
		President and Representative Director of Kyushu Nichireki Koji K.K.
May	2014	Senior Executive Officer and Tokyo Area Manager of the Company
		President and Representative Director of Nichireki Tokushu Koji K.K.
June	2017	Director, Senior Executive Officer, and Tokyo Area Manager of the Company
		President and Representative Director of Nichireki Tokushu Koji K.K.
April	2018	Director, Senior Executive Officer, and Kanto Area Manager of the Company
June	2020	Director and Kanto Area Manager of the Company
June	2021	Managing Director and Kanto Area Manager
		of the Company (to present)



President and Representative Director of NICHIREKI ROAD CO., LTD.



Isamu Nagasawa Director

West Japan Supervising Manager

April	2015	Executive Officer and Hokkaido Area Manager of the Company
		President and Representative Director of Hokkaido Nichireki Koji K
May	2017	Executive Officer and Vice General Manager, Engi-
l .		neering and Manufacturing Division of the Compar
June	2017	Director, Senior Executive Officer, and Vice
		General Manager, Engineering and Manufac-
		turing Division of the Company

2019 Director, Senior Executive Officer, and Kyushu/

Chugoku Supervising Manager of the Company 2021 Director and West Japan Supervising Manager of the Company (to present)



Jun Yamamoto Director General Manager, Administration Division

	March	2020	Joined the Company
			General Manager, Legal Affairs Office and
			General Manager, Compliance Office of the
١			Company
۱	April	2020	Senior Executive Officer and General Manag-
١			er, Legal Affairs and Compliance Department
ı			of the Company
ı	April	2021	Senior Executive Officer, General Manager,
			Legal Affairs and Compliance Department,
			and General Manager, Investment Strategy

Office of the Company

June 2021 Director and General Manager, Administration

Division of the Company (to present)



Outside Director

# Osamu Kobayashi

March 1983 Registered as a certified public accountant 1983 Registered as a certified tax accountant August 1996 Director of Kobayashi Accounting Office (to present)

2004 Outside Auditor of the Company June 2015 Outside Director of the Company (to presen

(Significant concurrent positions) Outside Corporate Auditor of NOK CORPORATION



Outside Director

# Haruko Shibumura

1994 Registered as an attorney-at-law (Daini Tokyo Bar Association) Joined Law Offices of Homma & Komatsu (currently, Homma & Partners)

1999 Partner Attorney, Homma & Partners (to present) 2015 Outside Auditor of the Company

2019 Outside Director of the Company (to present)

# (Significant concurrent positions)

Outside Director of TAMURA CORPORATION Outside Director (Director who is an Audit & Supervisory Committee Member) of Astellas Pharma Inc.



Outside Director

# Takuya Kidokoro

October 2001 Registered as an attorney-at-law (Tokyo Bar Association) Joined Okuno & Partners

April 2011 Partner, Okuno & Partners (to present) 2019 Outside Auditor of the Company 2021 Outside Director of the Company (to present



Outside Director

# Mieko Fukuda

2001 Registered as a small and medium enterprise management consultant (a member of Chuo Chapter, Tokyo Small and Medium Enterprise Management Consultant Association)

November 2019 Executive Officer and Director, NI Marketing Laboratory of Nippon Information Incorporat

2021 Representative, Fukumoku Research Office (to

2021 Outside Director of the Company (to present)

# **Auditors**



Full-time Auditor Masaaki Nohara

1985 Joined the Company April 2013 General Manager, Corporate Planning Department of the Company 2014 General Manager, General Affairs Department

of the Company 2018 Executive Officer and Vice General Manager Administration Division of the Company

2019 Full-time Auditor of the Company (to present)



# Akihiko Kataoka

1982 Joined the Company

2011 General Manager, General Affairs Department and General Manager, Affiliated Business Department of the Company

2013 General Manager, Shikoku Branch of the Company President and Representative Director of Shikoku Nichireki Koji K.K.

2018 Executive Officer and Vice General Manager, Business Division of the Company

June 2018 Auditor of the Company (to present)

Outside Auditor

# Tsutomu Kanitani

August 1996 Joined Akira Nakamura Tax Accountant Office May 2000 Registered as a certified tax accountant Director of Tsutomu Kanitani Tax Accountant Office (to present)

June 2015 Outside Auditor of the Company (to present)



Outside Auditor

# Noriko Kawate

July 2001 Registered as a certified public accountant November 2004 Registered as a certified tax accountant February 2008 Representative Director of Clea Consulting

Co., Ltd. (to present) November 2011 Registered as an U.S. certified public accoun-

February 2015 Partner, Cast Global Group (to present) 2021 Outside Auditor of the Company (to present)

(Significant concurrent positions) Outside Director of Ichigo Inc.

Outside Corporate Auditor of Sumitomo Bakelite Co., Ltd.

# Company Information (As of March 31, 2021)

# Company profile

N a m e NICHIREKI CO., LTD. NICHIREKI CO.,LTD.

Head office location 4-3-29, Kudan-kita, Chiyoda-ku, Tokyo, Japan

Founded October 1943

Established September 1949

Share capital ¥2.919 million

Number of 924 (consolidated) employees 404 (non-consolidated)

# Stock information

Securities code 5011

Listed stock exchange The First Section of the Tokyo Stock Exchange

Shareholder registry administrator Sumitomo Mitsui Trust Bank, Limited

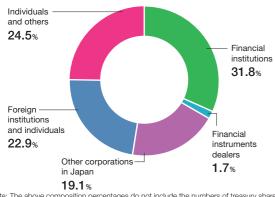
## Status of shares

Total number of shares issued 30,271,368 shares

\* Excluding 1,414,587 treasury shares

Number of shareholders 3,607

## Shareholder distribution



Note: The above composition percentages do not include the numbers of treasury shares (1,414,587 shares) and shares less than one trading unit (16,868 shares).

# Major shareholders

	shares held (Thousand shares)	ratio (%)
The Master Trust Bank of Japan, Ltd. (Trust Account)	2,151	7.11
Nichireki Business Partners Shareholding Association	1,302	4.30
Custody Bank of Japan, Ltd. (Trust Account)	1,172	3.87
Mizuho Bank, Ltd.	1,108	3.66
Sumitomo Mitsui Trust Bank, Limited	1,100	3.63
Hikari Tsushin K.K.	852	2.82
Ikeda Museum of 20th Century Art	630	2.08
MUFG Bank, Ltd.	529	1.75
Nichireki Employees Shareholding Association	527	1.74
Custody Bank of Japan, Ltd. (Portion re-entrusted by Sumitomo Mitsui Trust Bank, Limited for Kajimaroad Co., Ltd. Retirement Benefit Trust Account)	524	1.73

Notes: 1. 1,414,587 treasury shares were excluded from the table above. 2. Treasury shares were excluded from the calculation of shareholding ratio

# Stock price trends

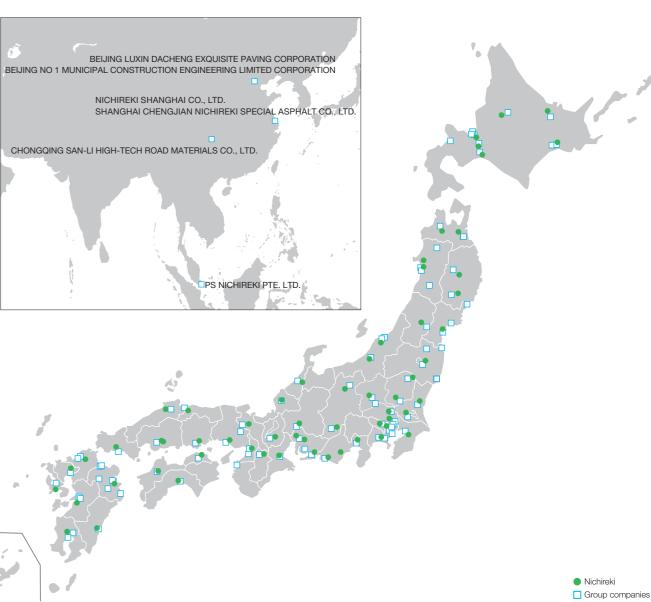


# Global Network (As of August 31, 2021)

# 101 sites in Japan (44 out of 47 prefectures) | 6 sites overseas

Sales Branch: 37 sites Satellite Office: 12 sites Braches: 11 sites

Technical Research Center: 1 site Plant: 19 sites



#### Group companies

HOKKAIDO NICHIREKI CONSTRUCTION CO., LTD. DOREKI KOGYO CO., LTD. TOHOKU NICHIREKI CONSTRUCTION CO., LTD. AOMORI NICHIREKI CO., LTD. IWATE NICHIREKI CO., LTD. AKITA NICHIREKI CO., LTD. FUKUSHIMA NICHIREKI CO., LTD. NICHIREKI ROAD CO., LTD. NAGANO NICHIREKI CO., LTD. CHIBA NICHIREKI CO., LTD.

NICHIREKI SPECIAL CONSTRUCTION CO., LTD. SAITAMA NICHIREKI CO., LTD. CHUBU NICHIREKI CONSTRUCTION CO., LTD. KINKI NICHIREKI CONSTRUCTION CO., LTD. CHUGOKU NICHIREKI CONSTRUCTION CO., LTD. SANIN NICHIREKI CO., LTD. SHIKOKU NICHIREKI CONSTRUCTION CO., LTD. EHIME NICHIREKI CO., LTD. ASAHI KOGYO CO., LTD. KYUSHU NICHIREKI CONSTRUCTION CO., LTD.

NISHIKYUSHU NICHIREKI CO., LTD. KUMAMOTO NICHIREKI CO., LTD. MIYAZAKI NICHIREKI CO., LTD. KAGOSHIMA NICHIREKI CO., LTD LINEPHALT INDUSTRY CO.,LTD. HOKKAIDO LINEPHALT CO., LTD. SHINWA KAKO CO., LTD. HEAT ROCK INDUSTRY CO., LTD.



