New Medium-term Management Plan "NCI KIRARI 2025"









A corporate group of outstanding value that contributes to a sustainable society



Review of the Medium-Term Management Plan "NCI-2021"

(FY2019-FY2021)



We are ready for full-fledged growth, once again taking steps toward growth.

- Financial targets were not met due to delays in the expansion of strategic businesses caused by the U.S.-China trade friction and the COVID-19 pandemic crisis, and so on.
- + Improved financial structure through reduction of interest-bearing debt, increase in equity ratio, and halving of cross-shareholdings.
- + Reinforcement of business foundation through implementation of BCPs including but not limited to withdrawal from unprofitable businesses, review of assets held such as purchase of leased land for business use, development of domestic bases and enhancement of facility.
- + Strengthening of the governance system from a group perspective through a quality management system that oversees all group companies and crisis management response.
- + Establishment of a work style compatible with the new normal by promoting work style reforms including but not limited to introduction of working from home arrangements.
- + Strengthening of the human resource development management system by enhancing existing human resource development programs and introducing new programs.

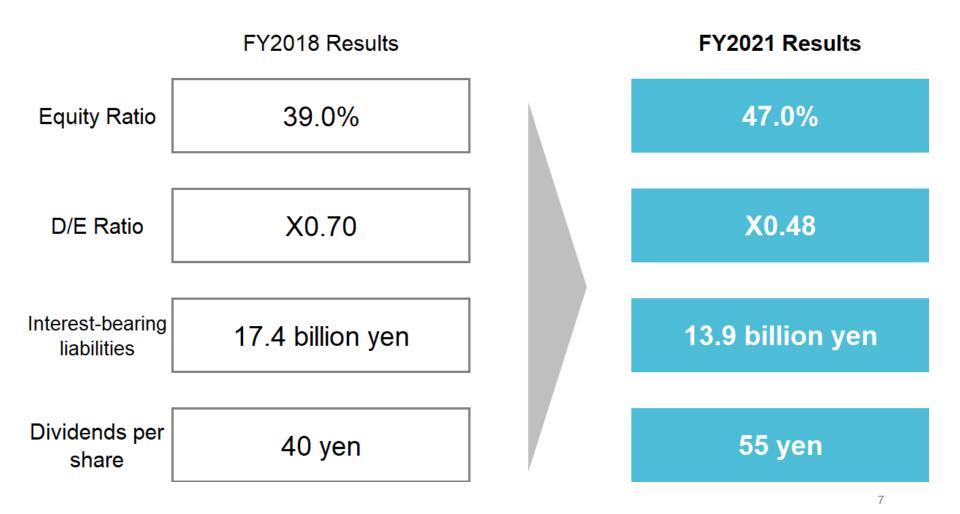


Due to various factors including the COVID-19 pandemic crisis, none of the financial targets for the final fiscal year (FY2021) were met.

		NCI-2021	FY 2021 Results	Difference
	Consolidated	57 billion yen	47 billion yen	▲10 billion yen
Net sales	Core business units	42 billion yen	36.6 billion yen	▲5.4 billion yen
Operating profit	Core business units	4.5 billion yen	3.1 billion yen	▲1.4 billion yen
Operating profit/net sales	Core business units	10%	8.5%	▲1.5 point
ROA	Consolidated	4%	3.0%	▲1.0 point



Financial structure has improved significantly over the past three years. We are now ready to deploy new growth strategies.





Business Strategy

Among the core businesses, position functional polymers and functional films as strategic areas (businesses) and strengthen initiatives targeting focus areas and growth regions.

Strategy	Results	Review	
Expansion of strategic businesses	Company-wide strategic business sales ratio	 Significant changes in market conditions due to various factors including the COVID-19 pandemic crisis caused delays in the expansion of strategic businesses. Decision was taken to expand facility for retroreflective 	
Functional polymers Functional films	FY2018: 55% FY2021: 56%	 sheetings and next-generation functional films. + Launch of decorative film and retroreflective sheetings products with improved functionality. 	
Expansion of sales of strategic businesses to focus areas	Ratio of sales of strategic businesses in focus areas	 + Aerial display reflectors to non-contact panels were adopted. + Temperature-sensitive mascara materials were 	
Safety Mobility	FY2018: 35% FY2021: 42%	developed and launched jointly with customers.	
Expansion of sales of strategic businesses to growth regions		 Establishment of a research and sales structure for functional polymer products in China in response to the expansion of LCD products in the Chinese market. 	
Asian	FY2018: 44% FY2021: 46%	+ Development base for globally expanding functional film technology has been established in Vietnam.	



Process Reform

Strategy	Review	
 One-NCI and work style reforms to increase productivity and revitalize the organization. Establishment of a cooperative system within the group Improved productivity through a complete review of operations Environmental arrangements for diverse working styles and initiatives for health management. 	 New product development traversing the group Complete renewal of core system Promotion of working from home arrangements and introduction of flextime system 	
Establishment of human resource development management system • Developing a diverse workforce • Strengthening training for management personnel	 Conducting workshops by young employees (Theme: work style reform/new business creation) Strengthen global human resources development programs Launch of next generation management personnel development program 	

• Strengthening Governance Structure from a Group Perspective

 Strengthening the group-wide quality control system Strengthening the group-wide quality control system Group-wide operation of crisis mnagement Strengthening the compliance adherence system in response to changes in the external environment 	Strategy	Review		
		 system Group-wide operation of crisis mnagement Strengthening the compliance adherence system in response to changes in the external 		



Medium-term Management Plan "NCI KIRARI 2025"



What we want to be in 2030

A group of companies with outstanding values that contribute to a sustainable society

New medium-term management plan "NCI KIRARI 2025" has been established with an aim at "Sustainable Growth in the New Normal Era" * KIRARI means Outstanding values

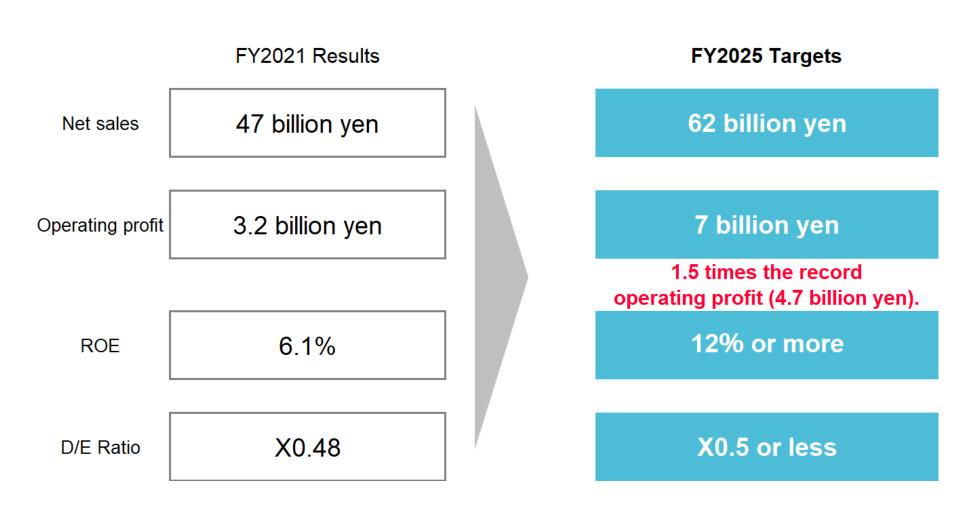
Pursuit of "Outstanding values = One & Only"

Contribute to a sustainable society and achieve growth by pursuing technologies of outstanding values and providing products of outstanding values.



"NCI KIRARI 2025" Financial Targets





Growth image



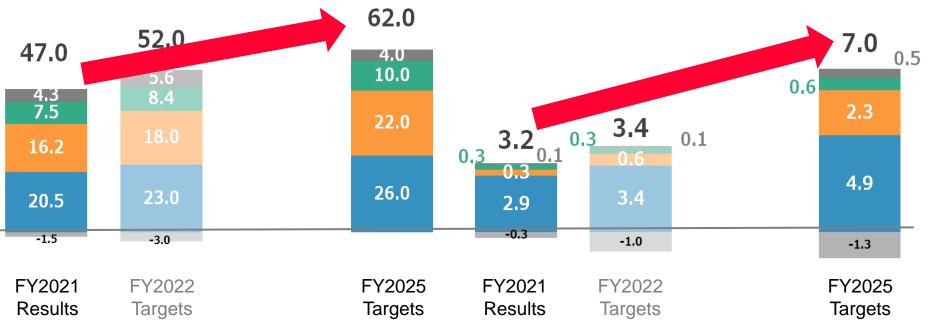
Focus on improving profitability, aiming to increase operating profit by 2.2 times compared to FY2021

Net Sales

Operating Profit

Electronics & Functional Products
 Films & Sheetings Products
 Construction Materials Related
 Engineering
 Adjustments

Unit: Billion Yen





"NCI KIRARI 2025" Growth Strategy



Creating new value with our technological capability, we help make society more prosperous.

MoreMore convenient societyprosperousSafer and more securesocietysociety

Strategy



Growth Strategy

- Chemical electronics materials used in the manufacturing process of semiconductors and electronic devices that make the world more convenient. Film materials that play an active part in safe mobility markets and the drug substance, both contribute to the safety and security of the world. We have designated these products, which are the Group's strengths, as growth drivers, and have set "Electronics" and "Safety" as our focus areas.
- Identification of semiconductors and electronic components as the strategic markets for "Electronics", and environment, life, and mobility as the strategic markets for "Safety".
- Achieve <u>business growth</u> by strengthening our ability to respond to high-value-added products in high-growth markets including semiconductor and electronic device markets, and <u>improve profitability</u> by deploying engineering technologies and establishing a solid business foundation in the environment, life, and mobility markets.

focus areas	Electronics		Safety		
strategic markets	semiconductors	electronic components	environment	life	mobility

Initiatives to Support Growth Strategies

Reinforcement of R&D Structure

Promotion of SDGs Management

Promotion of DX Measures



External Environment

- Growing demand for semiconductors and electronic device due to the spread of 5G and IoT and the evolution of ICT technologies.
- Growing demand for car electronics with the development of "CASE" and "ADAS".
- Growing demand for consumer products represented by PCs, smartphones, game consoles, etc. in the New Normal.

For chemical electronics materials, which support high functionality in semiconductors and electronic devices, we aim to expand the scale of business by further improving the level of technology and expanding supply capacity.

Examples of specific strategies

Focus resources on existing growth drivers

Chemicals for semiconductor materials / Chemicals for manufacturing of electronic components / Additives for semiconductor photoresists / Semiconductor mold cleaner / Binders for electronic components / Circuit boards substrates for electronic components

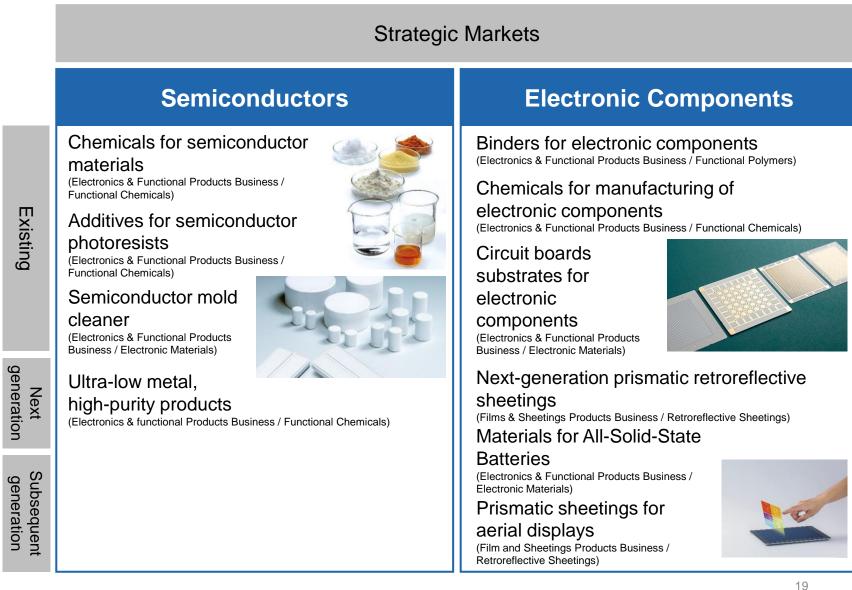
- Promote Commercialization of next-generation growth drivers Next-generation prismatic retroreflective sheetings / Ultra-low metal, high purity products
- Strengthen R&D capabilities to create new growth drivers Materials for all solid-state batteries / Prism sheetings for aerial displays

Growth drivers Electronics Focus area

Examples

of Growth Drivers







External Environment

Environment

Growing interest in and demand for SDGs & carbon neutrality Life Global aging Extension of healthy life expectancy **Mobility** Evolution of automated driving technology Development of transportation infrastructure in emerging countries

Contribute to the development of a safe, secure and sustainable society through high value-added film functions and the application of engineering technology to carbon neutral transitions.

Examples of specific strategies

Deployment of engineering technology Carbon-neutral transition facility Development of new products and technologies to improve quality of life Drug substances / Raw materials for medical and cosmetic products

Multi-functional and high-functional films and sheetings

Environmentally friendly decorative mold products / Next generation high functional films / Retroreflective sheetings for license plates



Strategic Market

Environment

Carbon-neutral transition facility (Engineering Business)



Life

Drug substances (Electronics & Functional Products Business / Functional Chemicals)

Raw materials for medical and cosmetic products

(Electronics & Functional Products Business / Functional Polymers)



High-strength, high-functional handrails

(Construction Materials Related Business)



Mobility

Retroreflective Sheetings for license plates

(Films & Sheetings Products Business / Retroreflective Sheetings)



Next generation high functional films (Films & Sheetings Products Business / Films)

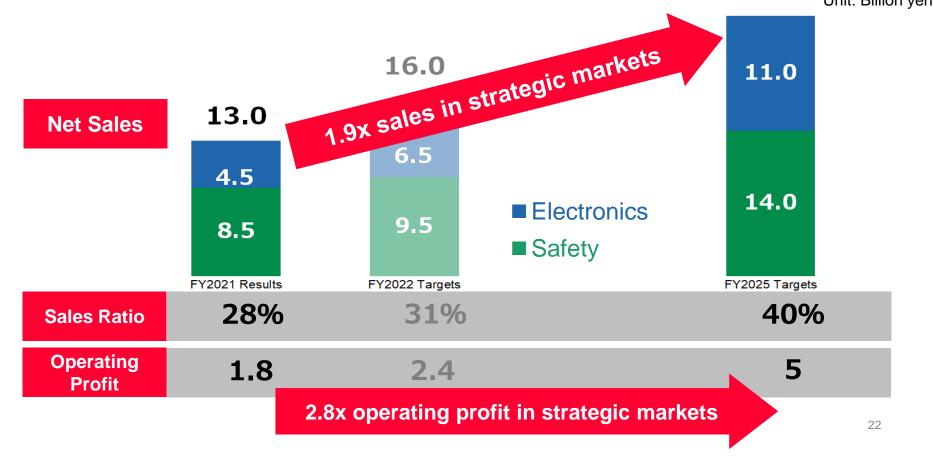
Environmentally friendly decorative mold products (Films & Sheetings Products Business / Films)



Strategic markets Performance image



- Targeting sales of 11 billion yen in the electronics strategic market, 14 billion yen in the safety strategic market, and combined sales of 25 billion yen for the strategic markets as a whole FY2025.
- Targeting combined operating profit of 5 billion yen for the strategic markets as a whole in FY2025.
 Unit: Billion yen





Aim to further improve profitability by addressing segment-specific key issues

Electronic & Functional Products	 Adding more value to products by utilizing polymerization and sintering technologies. (Adhesives for optical applications, ceramic substrates for electronic components, etc.) Improving profitability by reconfiguring the business portfolio. 		
Films & Sheetings	 Adding more value to products by deepening high-functional film manufacturing and printing technologies. 		
Products	 Developing new markets by utilizing the NCI Group's global sales bases. 		
	 Adding value to products by exploring customer needs. 		
Construction Materials Related	 Developing high value-added products by combining the technological capabilities of the NCI Group. Louvers with metallic luster effect utilizing NCI's film and sticker technologies (sample) 		
Function	 Providing equipment for higher functionality and enhanced safety through the use of DX. 		
Engineering	 Developing new fields such as the pharmaceutical industry. 		



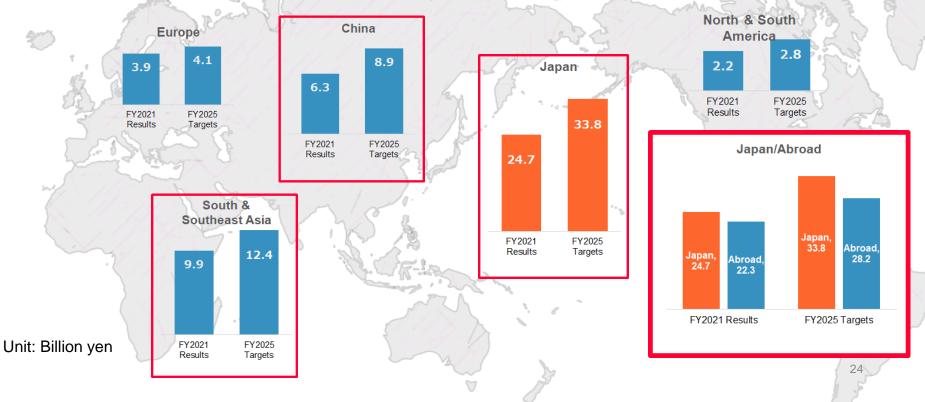
In view of the need to address country and supply chain risks, although overseas sales are expected to increase, the ratio of overseas sales to total sales is expected to fall slightly from 47% to 45%.

Japan: Electronics

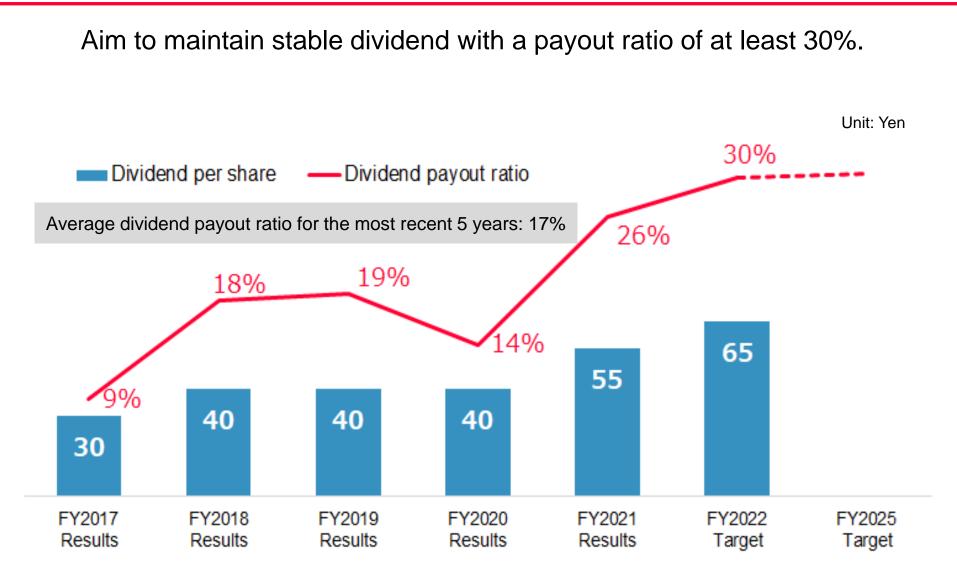
Japanese companies with high technology level have large shares in semiconductor material and electronic component markets, and our Group will continue to aim for growth in the electronics field as a partner company.

China/South Asia & Southeast Asia: Safety, Electronics

Mobility-related products will be targeted to the worldwide market due to the development of global motorization. In China, we will fully utilize our local production bases to meet the needs of adhesives and bonding agents for the electronics field.



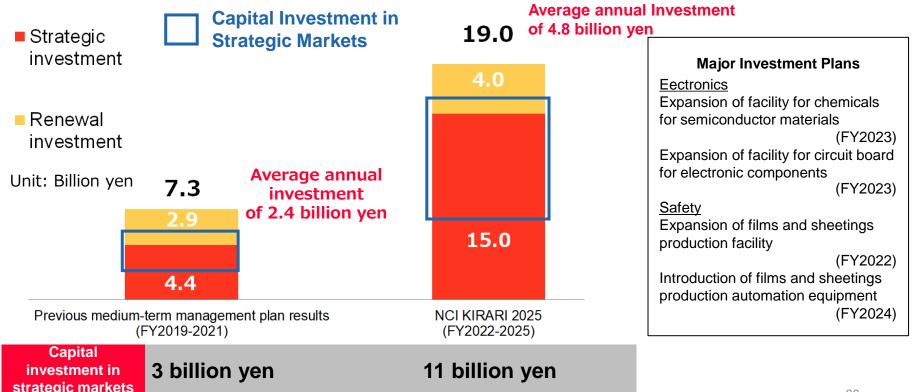




Capital investment



- Total investment during the period of the medium-term management plan was 19 billion yen, with average annual investment doubling from the previous medium-term management plan period to 4.8 billion yen.
- Aggressive investment of 11 billion yen in strategic markets of electronics and safety.
- Strategic investment includes investment in DX and carbon neutrality, where more than 15% of strategic investment have been invested.





Reinforcement of R&D Structure



The aim is to achieve a new product sales ratio of at least 15% in 2025 from 7% in 2021 and a new product sales ratio in strategic markets of at least 35% in 2025 from 25% in 2021.

Provide solutions for a sustainable society through the creation and integration of technologies.

Examples of R&D initiatives that contribute to SDGs

Development of functional polymers whose raw materials have been changed from petrochemical-derived raw materials to biomass raw materials.

Development of film and sheet products with decorative and functional properties as alternatives to paint and plating products.

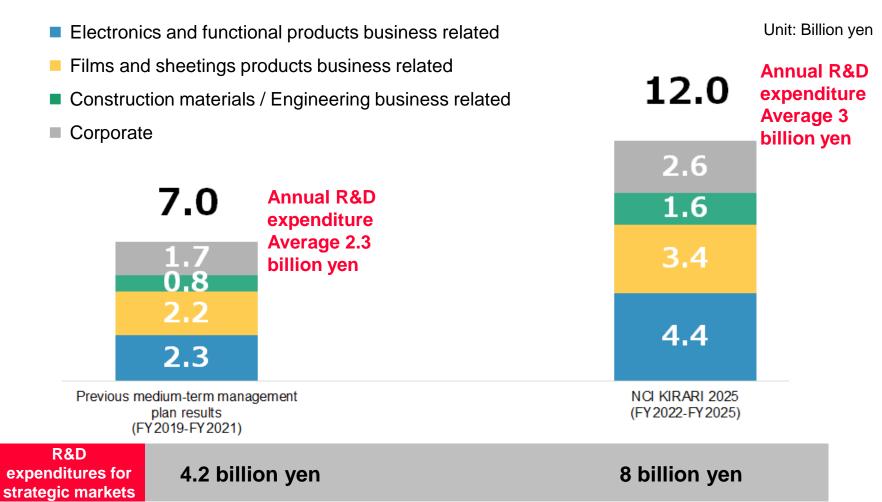
Development solvent-free high-performance polymers that replace solvent-based polymers that have a large environmental impact.

- Elimination of sources of environmental pollution
- Reduction of environmental impact
- Reduction of energy use





Investment of 8 billion yen in R&D expenditure for strategic markets over 4 years starting in 2022





Promotion of SDGs Management



Our Mission Creating new value with our technological capability, we help make society more prosperous.

In view of the changing interests and needs of society, five materialities (key issues) have been identified that are closely related to the realization of the Group's mission.

Five Materialities

Development of social and industrial digital infrastructure

Realization of healthy living and a safe and secure society

Achieving carbon neutrality Coexistence and coprosperity with local communities Increased feeling of satisfaction and reward for employees



(1) Realization and contribution through business activities

NCI Group Focus Areas	Society's interests and needs	Materiality	NCI Group Business Activities	Related SDGs Targets
Electronics	 Responding to the New Normal and Promotion of DX. Development of automated driving and control technology Development of ICT society 	Development of social and industrial digital infrastructure	 Materials for semiconductors Substrates for electronic devices High-intensity retroreflective sheetings 	9 манистики 11 жалинан санк 12 жалинан санк Электексе Элексе Электексе Элексе Элексе Элексе Элексе Электексе Э
Safety	 Responding to infectious diseases Extension of healthy life expectancy 	Realization of healthy living and a safe and secure society	 Drug substances Binders for medical and cosmetic products High-strength, high-functional building materials 	3 6000 MAX99 2000 MAX99
	 Use of renewable energy Proliferation of Evs 	Achieving carbon neutrality	 Carbon-neutral engineering facilities 	7 станова и прости именания Состанования



(2) Realization and contribution through corporate activities

Areas	Society's interests and needs	Materiality	NCI Group Corporate Activities	Related SDGs Targets
Environment	 Consideration for the natural environment Reduction of environmental impact Disclosure of environmental indices. 	Achieving carbon neutrality	 Use of renewable energy Reduction of greenhouse gas emissions Compliance with the TCFD 	7 ATTRACTOR OF the mean Addressed Address
Community	 Revitalization of local community Creation of employment in local community Addressing environmental issues in local community 	Coexistence and co-prosperity with local communities	 Securing employment in local community Recognition of NCI through community interaction Elimination of environmental accidents 	
Employee	 Human capital management Achieving work-life balance Promotion of diversity Promotion of health management 	Increased feeling of satisfaction and reward for employees	 Increasing value through human resources development Appropriate staffing and work style reform Use of personnel of diverse nationalities, genders and ages Development of a safe and secure working environment 	4 RALITY TIDECIDIN 5 ROOM 5

Carbon neutral initiatives



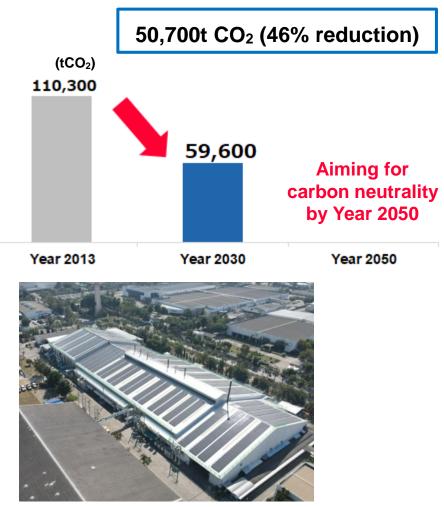
(1) Examples of Group Initiatives

- Use of renewable energy (e.g., solar power generation at Uozu Plant)
- Promote MFCA activities and process efficiency reforms
- Recovery and reuse of waste heat
- Fuel conversion
- Switch to energy-efficient equipment
- Conversion to green power



Solar panels installed at Uozu Plant

CO₂ Reduction Target in our Group



Solar panels installed at a plant in Thailand (ECT)

Carbon neutral initiatives



(2) Examples of initiatives toward transition to carbon neutral through the Group's business operations

- Development of environmentally friendly products
 - Functional polymers whose raw materials have been changed from petrochemical-derived raw materials to biomass raw materials.
 - Films and sheetings products with decorative and functional properties as alternatives to paint and plating products.
 - Solvent-free high-performance polymers that replace solvent-based polymers that have a large environmental impact.
- Steelmaking (zero carbon steel)
 - Powder transport and injection technology for equipment shifting from coal to alternative raw materials.
 - High-temperature, high-pressure equipment fabrication technology for carbon-recycling blast furnaces and hydrogen direct reduction furnace facilities.
- Electric power (Innovative low-emission coal-fired power generation)
 - Pulverized coal transport and injection technology to enable oxygen-blown integrated gasification combined cycle (IGCC).
- Hydrogen production (low-grade coal gasification for hydrogen production)
 - Pulverized coal transport and injection technology for the production of hydrogen by low-grade coal gasification.



The engineering business unit has a dedicated powder transport test facility in Uozu City, Toyama Prefecture, where new technologies are being developed. (Photo) Long-distance transport test facility & Waste plastic transport test facility

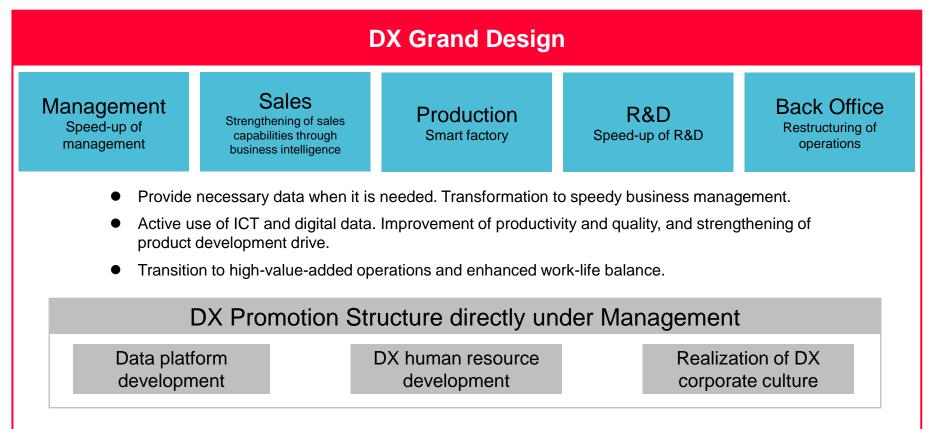


DX Promotion



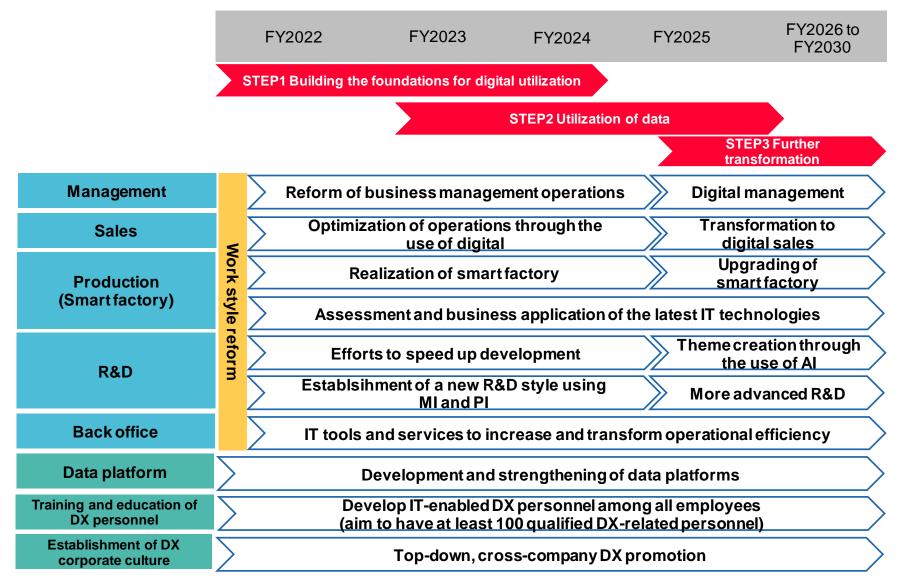
Achievement of "NCI KIRARI 2025" goals through the use of digital technology

Adapt "quickly" to changing business environment



DX promotion roadmap







[Notes related to future prospects] This material is intended solely for the purpose of providing information to investors and is not a solicitation to buy or sell securities. Forward-looking statements in this material are based on targets and forecasts, and are not guarantees or assurances. Further, this material should be used with the understanding that future results may differ from the Company's current expectations. In addition, statements regarding the industry, etc., are based on various data that are believed to be reliable, but the Company does not guarantee their accuracy or completeness. This material is presented on the assumption that investors use it for any purpose at their own discretion and responsibility, and the Company assumes no responsibility whatsoever.