# SUMITOMO METAL MINING 3-Year Business Plan 2027 (3-Year Plan 27)

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MINING THE FUTURE



# In the past, 3-Year Business Plan names have included the fiscal year in which the plan was composed. To focus the plan periods, the final fiscal year of the plan is added to the plan name starting with the current 3-Year Business Plan.

FY	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY202	
Title	2018 3-\	Year Busin	ess Plan	2021 3-`	2021 3-Year Business Pla		3-Year Business Plan 20			
	(18	8 3-Year Pla	an)	(21 3-Year Plan)		(3-	Year Plan	27)		





# 3-Year Plan 27 Executive Summary -1

- Enhance our MONOZUKURI-RYOKU to regain profitability and rebuild a foundation to sustainably increase corporate value

# <u>Strong headwind expected in the business environment during 3-Year Business Plan 2027</u>

- Prolonged oversupply due to increased nickel production in Indonesia
- Slumping copper concentrate purchase terms (TC/RC) due to supply shortages and new copper smelter opens
- Drastic changes in the battery materials business environment

# Tailwind expected in the medium to long-term business environment

- withstand the price level will be eliminated (balance after 2030)
- products

## Work to enhance corporate value from a long-term perspective while overcoming current issues

- Rebuilding of battery materials business
- Operating Smelting and Refining business under adverse conditions (nickel, copper)
- **Business portfolio management (ROCE management)**
- Prepare for future growth

- Focus on MONOZUKURI
- Management with an awareness of capital costs stock prices
- Strengthen and enhance shareholder returns Corporate governance

A critical juncture for realizing long-term vision of "becoming the world leader in the non-ferrous metals industry"

• Demand for non-ferrous metals (copper/nickel) continues to grow; supply will also increase, but suppliers who cannot

• TC/RC will also return to a level where supply (production of smelters) can be maintained to meet demand (after 2030) • Trends such as carbon neutrality, xEVs, hydrogen economy, and AI are certainties, increasing uses for materials business

 Sustainability management (material issues and Vision for 2030, KPIs)





# **3-Year Plan 2027 Executive Summary**

# **Profit before tax**

# **FY2027**

# **¥140 billion**

(+¥108.6 billion against FY2024 results)

- Realization of contributons of **Quebrada Blanca Copper Mine and Côté Gold Mine**
- Establishment of a system for the **Smelting & Refining Business aimed** at realizing a circular economy
- **Battery Materials Business** undergoing structural reform
- **Growth of the Functional Materials Business**

# **Capital expenditures**/ Investment and financing

# **3-Year Plan 2027 total**

# ¥437 billion

Future Investment\*: ¥46 billion **Growth investment: ¥150 billion** Investment in maintaining and updating facilities: ¥241 billion

# **Ensure steady execution for** the next stage of growth

\*Green innovation + DX investment

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# **Strengthening and enhancement** of shareholder returns

 In principle, dividends from surplus shall be paid at a consolidated dividend payout ratio of 35% or more, with a lower limit indicator of

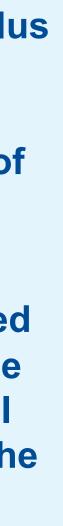
# **DOE2.5%**\*

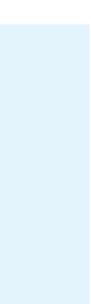
\*Annual total dividends ÷ (consolidated net assets attributable to owners of the parent at the end of the previous fiscal year - other components of equity at the end of the previous fiscal year)

> Flexible **Acquisition of** own shares

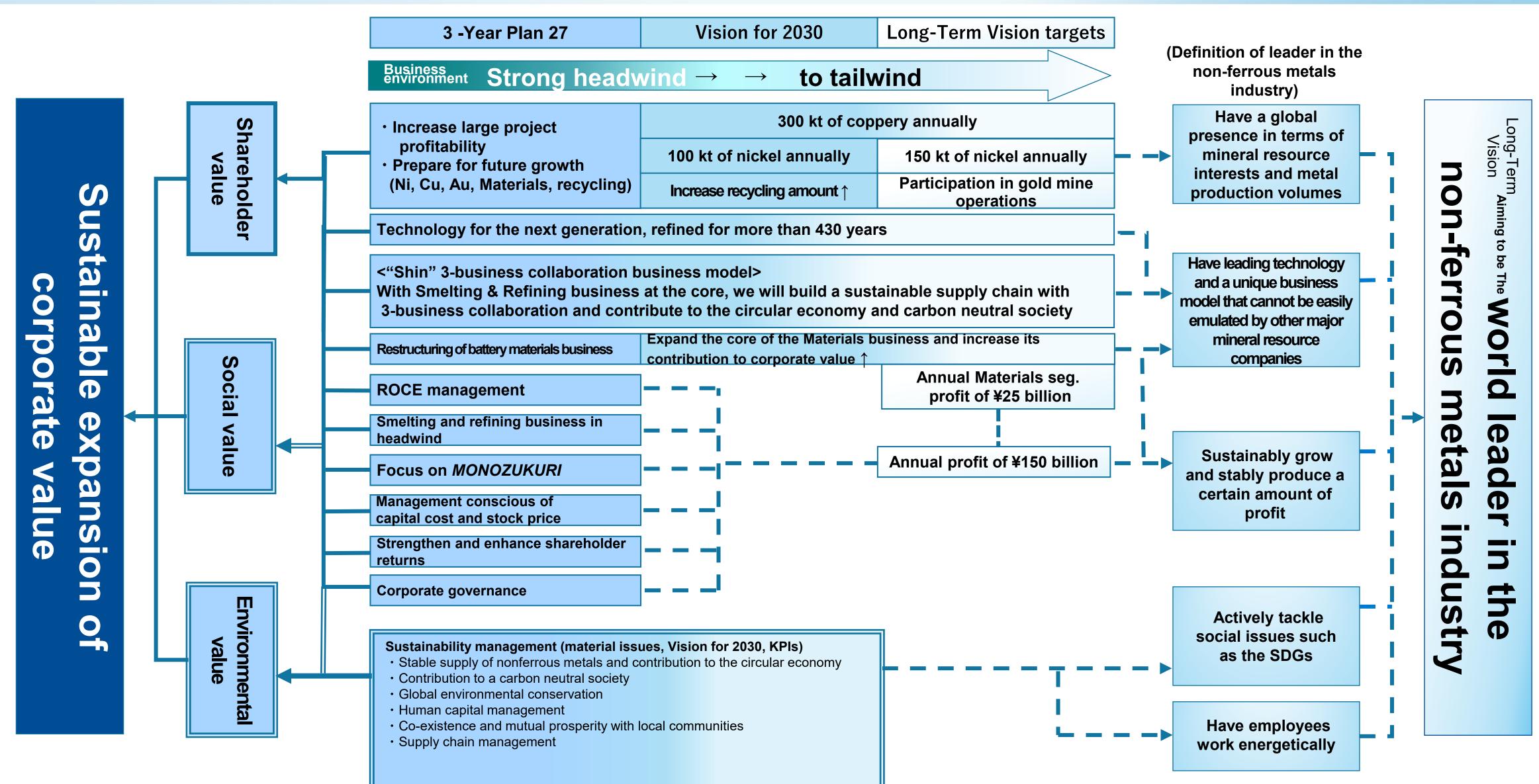








# 3-Year Plan 27 Executive Summary Overall Picture of Long-Term Plan (Positioning of 3-Year Plan 27)







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## - Overview of 3-Year Plan 27

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- 2. Preparing for Future Growth
- 3. Assets, Technology, and Human Resources to Support Sustainable Growth
- 4. Maintain and Strengthen the Management Base
- 5. Goal of 3-Year Plan 27 and Subsequent Outlook

Conclusion







# What Does Long-Term Vision of **U** "Becoming the World Leader in the **Non-ferrous Metals" Industry** Mean?





• What Does Long-Term Vision of "Becoming the World Leader in the Non-ferrous Metals Industry" Mean? What Does Long-Term Vision of "Becoming the World **Leader in the Non-ferrous Metals Industry" Mean?** 

Nickel

Copper

Gold

**Materials** 

Profit

# Definition

•Have a global presence in terms of mineral resource interests and metal production volumes

•Have leading technology and a unique business model that cannot be easily emulated by other major mineral resource companies

•Grow sustainably and stably produce a certain amount of profit

•Actively tackle social issues such as the SDGs

•Have employees work energetically

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# Targets

- Annual production capacity of 150 kt
- Annual production interest of 300 kt
- Participation in new mine operations through the acquisition of superior interest
- Achievement of annual profit before tax of ¥25.0 billion through portfolio management
- Annual net income attributable to owners of the parent of ¥150.0 billion

- Production volume in the global top five
- Contribution to the SDGs through stable supply
- The amount necessary to continue full operation of the Toyo Smelter & Refinery while maximizing risk offsets through collaboration between the mineral resources business and smelting and refining business
- Stable source of earnings
- Improved experience as an operator
- Level sufficient to a stand out as a core business
- Reduced volatility in the mineral resources and smelting and refining businesses due to lower susceptibility to metal price fluctuations
- Profit level sufficient to maintain and enhance company's presence as the world leader in the non-ferrous metals industry and to continue to provide appropriate value to stakeholders















# II Review of 2021 3-Year Business Plan





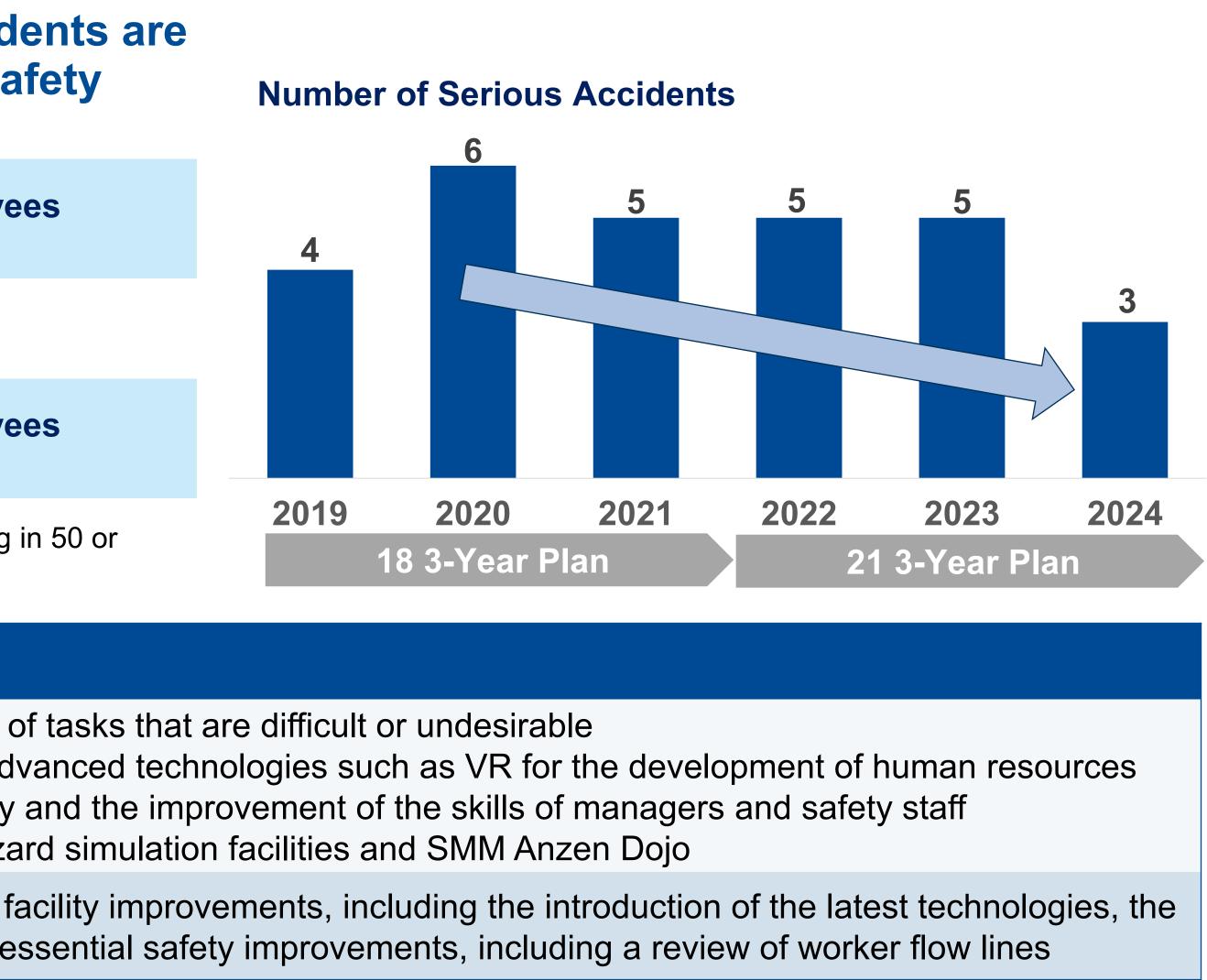
Review of 2021 3-Year Business Plan

# **1. Safety Performance**

The plan goal was not achieved, but serious accidents are on the decline due to progress in implementing safety measures.

21 3-Year Plan Goal	Zero serious accidents* involving employe in SMM group globally and contractors				
3-Year Plan 27 Goal	Zero serious accidents* in SMM group globally a				
	*Serious accident more days of m	: An accident resulting i issed work			
Priority item Measures					
Elimination of a recurring accid	<ul> <li>Improvement o</li> <li>Leveraging adv who act safely</li> <li>→ Use of haza</li> </ul>				
Preventing con	<ul> <li>In addition to face</li> </ul>				

machinery and	automated equipment	promotion of





#### Review of 2021 3-Year Business Plan

# 2.4 Challenges

Challenge

1

Increasing corporate value – Promotion of large-scale projects

- Expanding production capacity for battery cathode materials
- Quebrada Blanca (QB) 2 project
- Côté gold mine development project
- Pomalaa Project (discontinued)

### **Evaluation**



- Construction of the new battery materials plant proceeded as planned, and the start-up of production on some lines was accelerated.
- The startups of both the QB2 and Côté gold mine development project were delayed due to COVID-19 movement restrictions and adverse weather conditions. In addition, costs were higher than planned due to global inflation. The full contribution of earnings was also delayed into the 3-Year Plan 27 period.

#### Challenge

2

# Improving core business sustainability

- 3-business collaboration to strengthen the value chain for Ni-batteries
- Shifting Hishikari Mine to sustainabilityoriented operation
- Enhancing competitiveness of coppersmelting business
- Strategy for advanced materials business expansion

### **Evaluation**

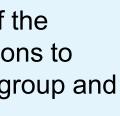
- Made the decision to construct a recycling plan for lithium-ion secondary batteries.
- Completed new hot water treatment equipmen Hishikari Gold Mine and started mining of lower body. Continues exploration nearby mine to extent ore reserves.
- Systematically expanded Toyo Smelter & Refi facilities and implemented GHG reductions.
- Made decision to build SiC 8-inch mass production line.
- Developed new markets for near-infrared absorbing materials (launched the SOLAMEN material technology brand).

(	Challenge	Challenge
	3 Adapting to changes in the social environment	4 Strengthening the foundation business management
e S	<ul> <li>Reducing greenhouse gas (GHG) emissions</li> <li>Promoting the development of products, technologies and processes that can help achieve carbon neutrality</li> <li>Adaptation to digital transformation (DX)</li> <li>Initiatives for securing, fostering and utilizing human capital</li> </ul>	<ul> <li>Strengthening safety initiatives</li> <li>Reorganizing and enhancing sustander promotion framework</li> <li>Corporate governance</li> </ul>
	Evaluation	Evaluation
nt nt at r	<ul> <li>Released roadmap for carbon neutrality by 2050.</li> <li>Promoted energy-saving activities, LNG conversion, introduction of biomass fuels, and switch to electricity derived from renewable energy sources, etc.</li> <li>Formulated and created a DX infrastructure grand design for the next generation, and deployed generative AI company-wide.</li> <li>Strengthened recruitment of new graduates and implemented strategic mid-career hire recruiting.</li> </ul>	<ul> <li>Serious accidents are decreasing, but the was not achieved.</li> <li>Began granting shares to members of the Employee Stock Ownership Association increase sense of belonging with the grant interest in its management.</li> <li>Reviewed material issues and Vision for (March 2025).</li> <li>Adopted return on capital employed (RC an indicator for business portfolio management)</li> </ul>
T™	<ul> <li>Reviewed and revised the managerial track personnel system.</li> <li>Brushed up the human resource development program in line with personnel system revisions.</li> </ul>	<ul> <li>and started its operation.</li> <li>PBR has remained below 1.0x for a pro period of time.</li> </ul>

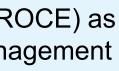












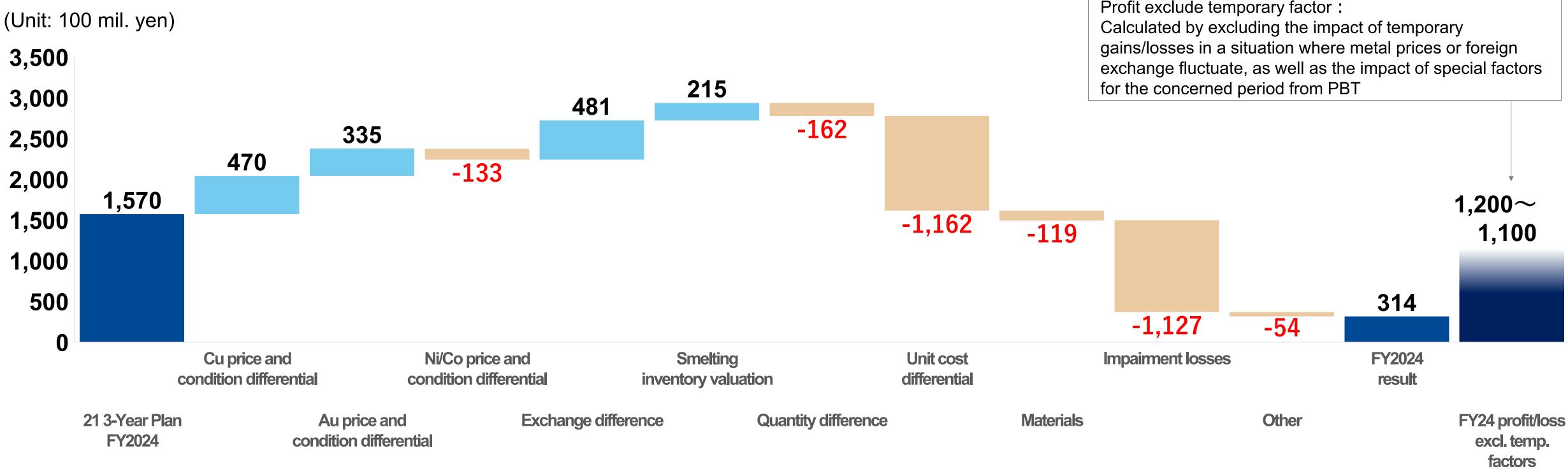


# 3. Summary of FY2024 Business Results (vs. 21 3-Year Plan FY2024)

# **Profit/loss before tax deteriorated by ¥125.6 billion**

This was caused by cost increases\* and impairment losses due to changes in the business environment despite metal prices and foreign exchange rates being better than assumption

\*Worsened unit cost due to production reductions, including project delays, and higher operating material and energy costs due to the impact of inflation



	Copper (\$/t)	Ni (\$/lb)	Gold (\$/toz)	Exchange (¥/\$)
FY24 result	9,370	7.51	2,585	152.58
21 3-Year Plan	8,000	7.50	1,600	115.00

Profit exclude temporary factor :

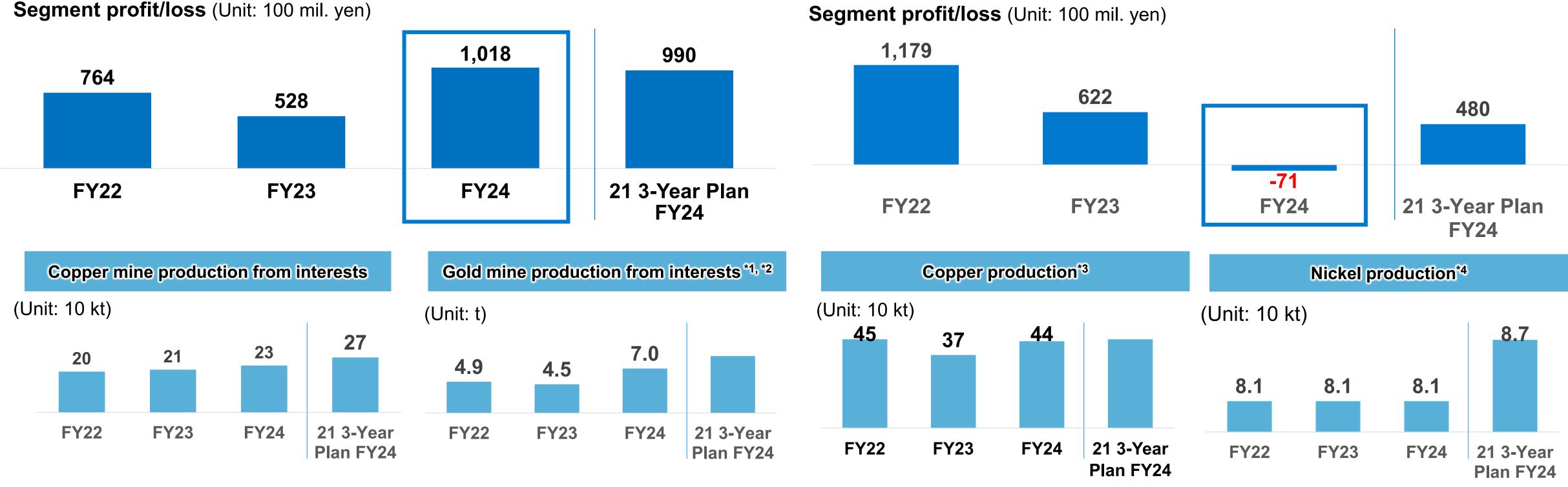


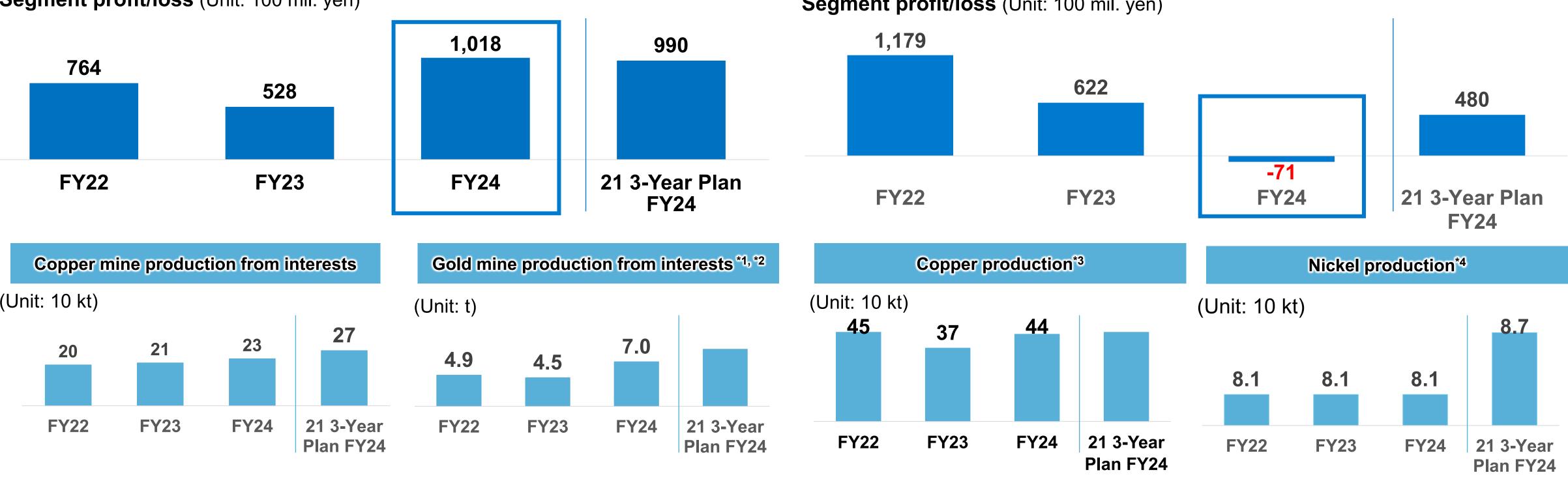
Review of 2021 3-Year Business Plan

# **4. Segment Profit, ROCE**

# **Mineral Resources**

This segment exceeded the 3-Year Plan target despite cost increases due to low production volume and the impact of inflation because of rises in the prices of copper and gold, and the yen weakened against the U.S. dollar (the full contribu of large projects will appear from FY2025 onward)





\*1 Including by-products of mines in which the company holds interests

\*2 Hishikari Mine was shifted to sustainability-oriented operation in FY22

	Smelting & Refining
wer	This segment fell below the 3-Year Plan target due to higher costs from inflation
ution	and lower nickel and cobalt prices as well as impairment losses of -¥55.4 billion from CBNC

\*3 The Toyo Smelter & Refinery underwent its first large-scale furnace repairs in 12 years in FY23 \*4 The total production of electrolytic nickel, nickel sulfate, ferronickel, and nickel in nickel chemical products





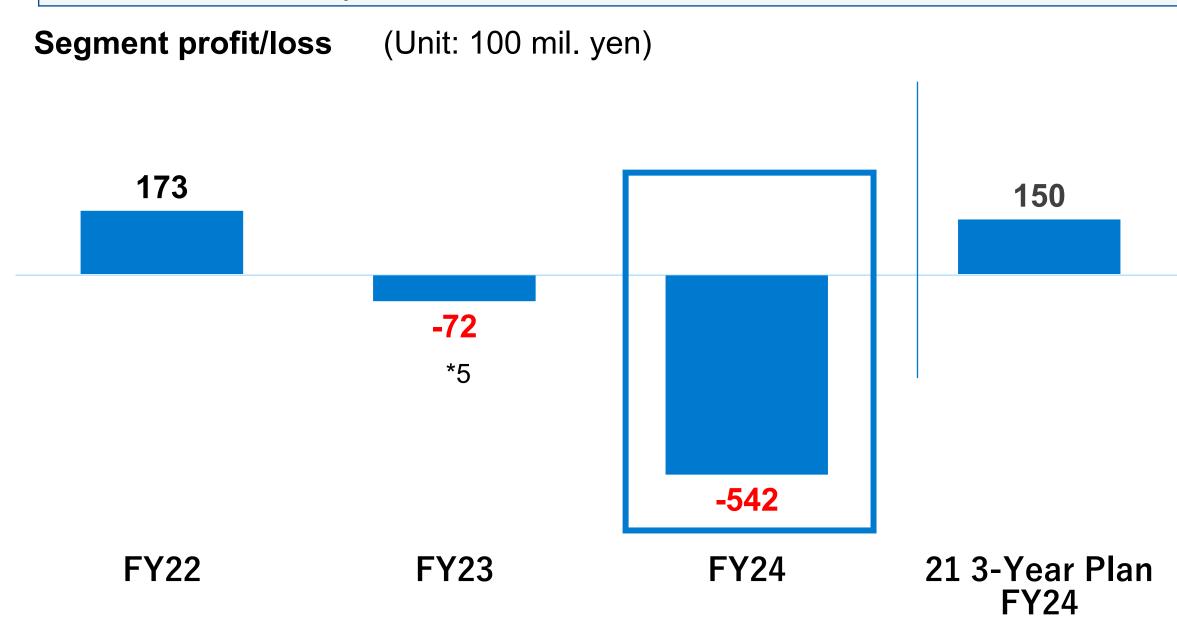


# 4. Profit by Segment, ROCE

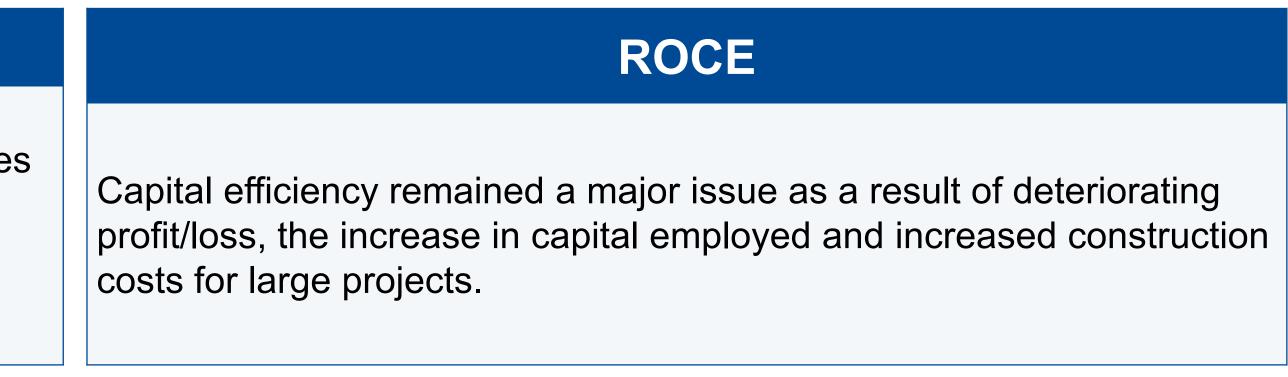
# **Materials**

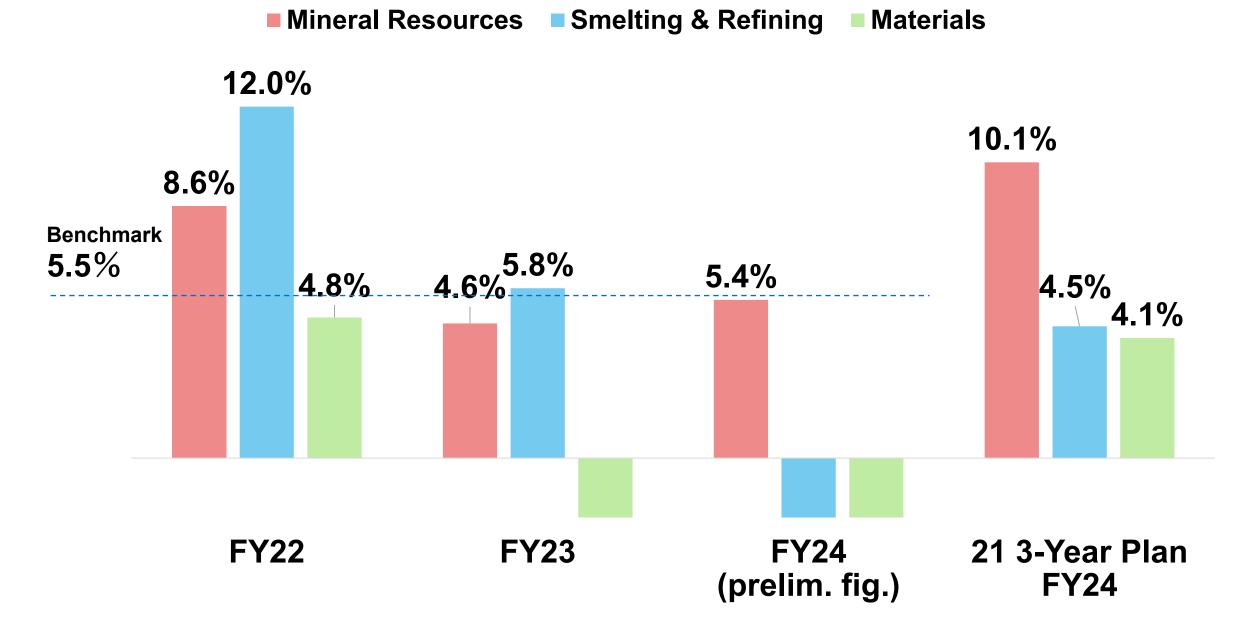
The battery materials business posted an impairment loss of - $\pm$ 57.3 billion due to future product switching, in addition to lower metal prices and increased costs for the start-up of the new plant. Also, although its worst period is now over, the advanced materials business fell short of the 3-Year Plan target due to it making only a

moderate recovery.



\*5 FY23 includes loss on sale of construction material business (-¥6.4 billion)







# **5. Business Portfolio Management**

# **Basic policy regarding business portfolio**

- consolidated basis).
- businesses assigned this designation.

# Ferronickel business (Smelting & Refining segment) $\Rightarrow$ We will approach these as businesses

 LT/LN business (Materials segment) requiring changing in 3-Year Plan 27

(Quoted from the Corporate Governance Report)

• The Company manages its business portfolio based on return on capital employed (ROCE) for each business unit (on a

In the event that ROCE falls below its benchmark value during the medium-term management plan period, it will be designated as a "business requiring confirmation of continuation." In principle, during the following two years the continuity of the business will be verified and improvements and changes implemented, with a final decision on continuation of the business to be made in the year after. The Board of Directors periodically monitors the status of

In the Medium-Term Management Plan starting in 2021, the Company has set the benchmark value for ROCE at 5.5%.





Review of 2021 3-Year Business Plan

# 6. Key Management Indicators

Capital expenditure & investment/lending, R&D expenses (3-year totals during 21 3-Year Plan period)

#### Capital expenditure & investment/lending

- **Discontinued Pomalaa Project**
- Because of delays caused by COVID-19 and other factors, as well as higher costs due to inflation, the investments in the QB2 and Côté gold mine development projects were much higher than planned

### Plan

# •Capital expenditure ¥494.0 billion

•Investment/lending ¥109.0 billion Total ¥603.0 billion

### Result

- •Capital expenditure ¥408.1 billion
- Investment/lending ¥335.3 billion
- ¥743.4 billion Total

### **Approx. ¥140.0 billion increase from plan**

### **R&D** expenses

Plan

•Approx. ¥26.0 billion

Result •¥30.6 billion



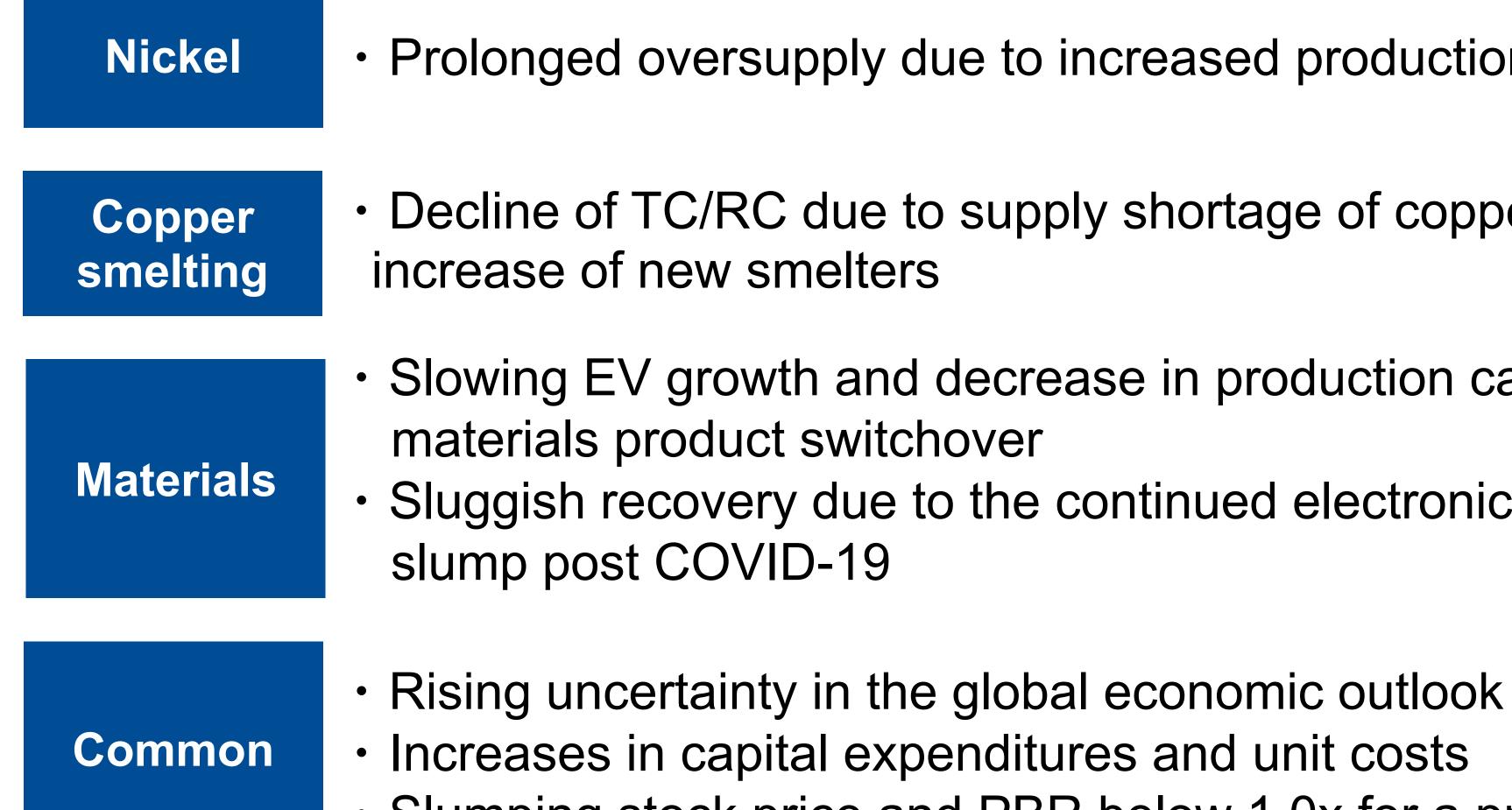
# Business Environment and Management Issues



Business Environment and Management Issues

# **1. Recognition of Current Issues**

# Facing changes unprecedented in scale, rapid decline in earning power



- Prolonged oversupply due to increased production in Indonesia
- Decline of TC/RC due to supply shortage of copper concentrate and
- Slowing EV growth and decrease in production capacity due to battery
- Sluggish recovery due to the continued electronic components market

- Slumping stock price and PBR below 1.0x for a prolonged period of time



# 2. Market Conditions (Non-Ferrous Metals, Exchange Rates, Materials Business)

# Supply-demand balance for non-ferrous metals will be excess supply for the time being

	[3-Year Plan 27 price				nd exchange rate assumptions]			
Nickel	<ul> <li>Oversupply situation will continue due to increased production in China and Indonesia and declining EV penetration rate</li> </ul>		Copper (\$/t)	Ni (\$/lb)	Gold (\$/toz)	Co (\$/lb)	Exchange (¥/\$)	
MICKEI	<ul> <li>Price will be sluggish, situation expected to improve after 2030</li> </ul>		9,400	7.50	2,400	—	140.00	
		FY24 results	9,370	7.51	2,585	10.89	152.58	
	<ul> <li>Copper metal production capacity is expected to increase</li> </ul>			Ni	INSG Fo	orecast (Ap	or 2025)	
	<ul> <li>On the other hand, we expect copper concentrate supply</li> </ul>		( <b>kt</b> )	2023	2024	2025		
Copper	growth to be limited and the recovery in smelting margins	overy in smelting margins			3,360	3,526	3,735	
	(TC/RC) to take place after 2030	Usage	3,193	3,347	3,537			
						+179	+198	
Materials business recovery will be patchy and lacking strength					ICSG Fo	orecast (Ap	or 2025)	
				( <b>kt</b> )	2024	2025	2026	
Battery materials	<ul> <li>Slowing EV demand and the rise of foreign battery materials pr</li> <li>Price and technology competition for cathode materials will interval</li> </ul>	Slowing EV demand and the rise of foreign battery materials producers				28,293	28,731	
materials	become more widespread	11511y as XC	V 5	Usage	27,348	28,004	28,522	
				Balance	+138	+289	+209	
Advanced materials	· In an a singly up a statisty about the future, including the day alappeart of a black							





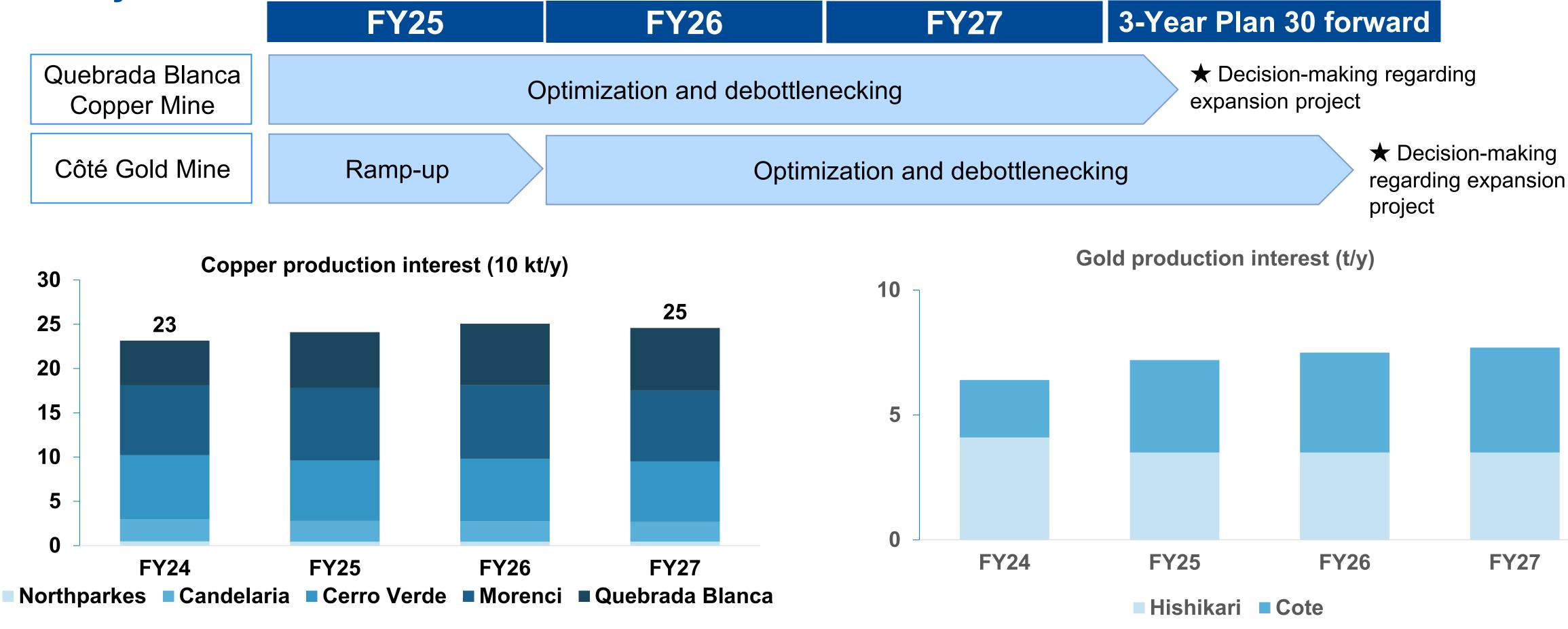
### 1. Coping with Changes in the Business Environment

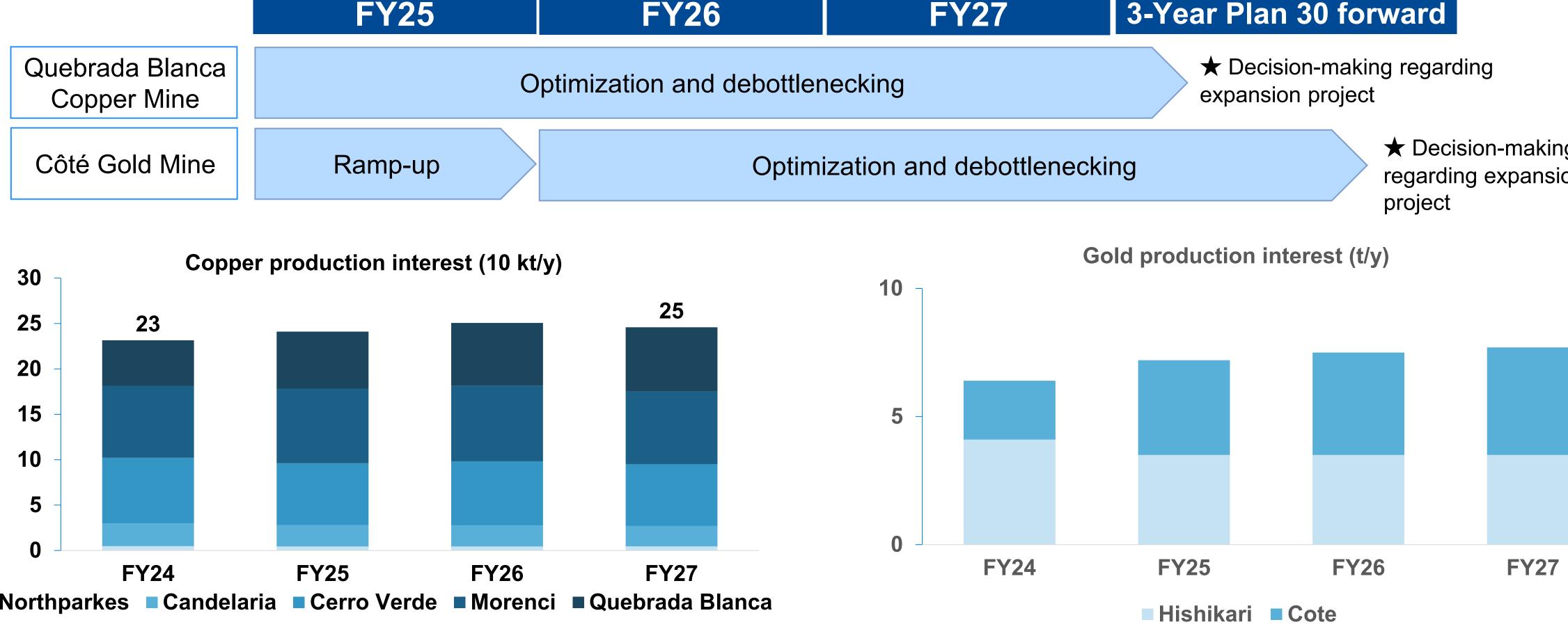
- 2. Preparing for Future Growth
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# **1. Coping with Changes in the Business Environment** 1) Realizing contributions of the Quebrada Blanca Copper Mine and Côté Gold Mine

**Construction of both mines completed during the 21 3-Year Plan period** efficiency





- We will work with joint venture partners to stabilize operations and further improve production



# **1. Coping with Changes in the Business Environment** 2) Rebuilding the Battery Materials Business I

# **Drastic changes in the battery materials business environment**

## (1) Expansion strategy to date

- Expand production capacity to meet strong demand Amid increasing pressure for cost reductions and improved battery performance with the adoption of EVs, establishment of 5,000 t/month system and while continuing full operation
- Initiation of partial production from January 2025 at the Niihama Plant—a cost-competitive  $\bullet$ facility with DX utilization, labor saving, etc.—with an eye toward a 7,000-ton/month capacity

## (2) Switch to High-Ni cathode materials

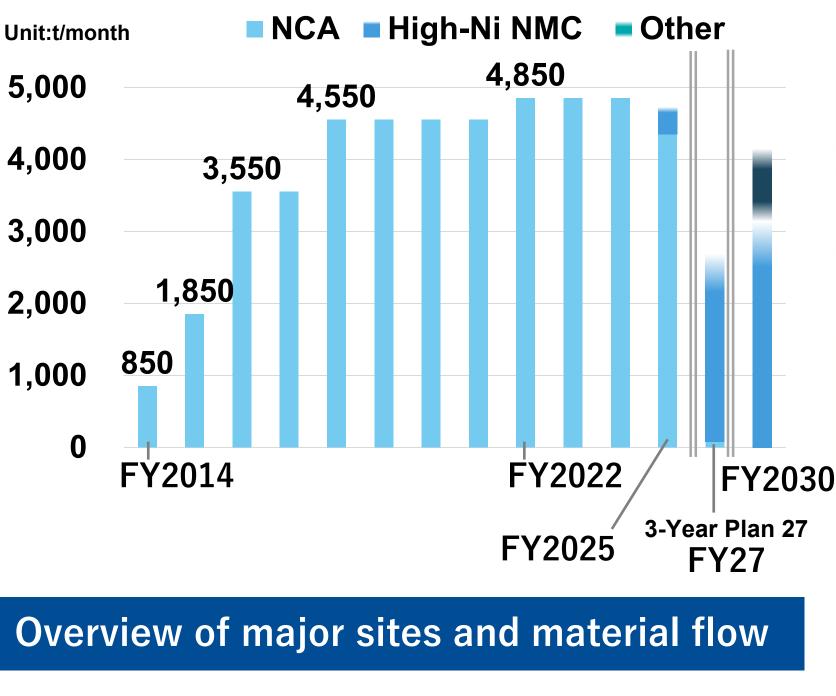
- Amid the demand for improved battery performance, a rapid shift in cathode materials (from  $\bullet$ NCA to NMC materials) is expected (from 2026)
- We will need a change in the production process regarding the crystallization stage, ulletindispensable for controlling particle size as required for NMC, from continuous crystallization to batch crystallization
- The crystallization process became a bottleneck in existing facilities, resulting in a decrease in production and sales of Ni-based cathode materials (-¥57.3 bn in impairment losses recorded in FY2024)

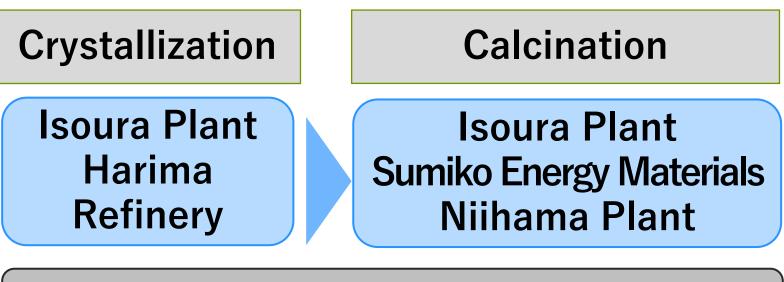
## (3) xEV market outlook

- Although there has been a temporary slowdown, the major trend of market expansion remains unchanged
- Cathode material price and technology competition will intensify as xEVs become more widespread

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NCA production capacity (including contractors, etc.)



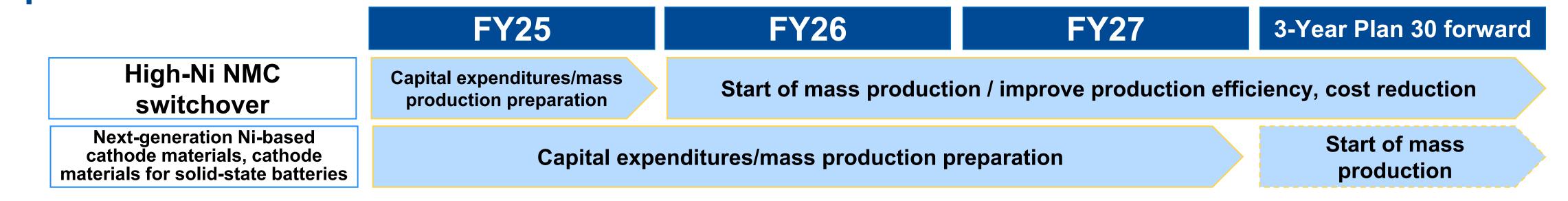


Contractors, etc.



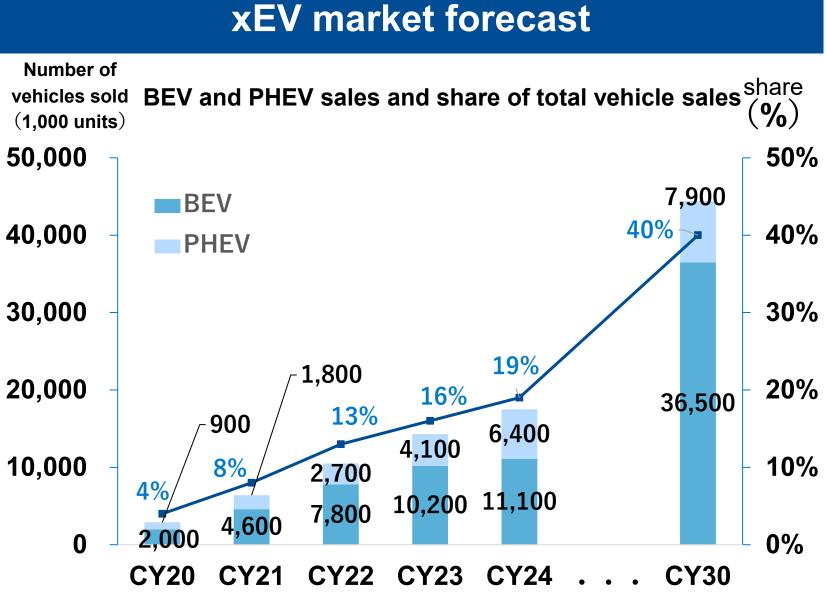
# **1. Coping with Changes in the Business Environment** 2) Rebuilding the Battery Materials Business II

Rebuilding the structure to match the business scale and focusing on thorough efficiency improvements and cost reductions



### (4) Initiatives during the 3-Year Plan 27 period

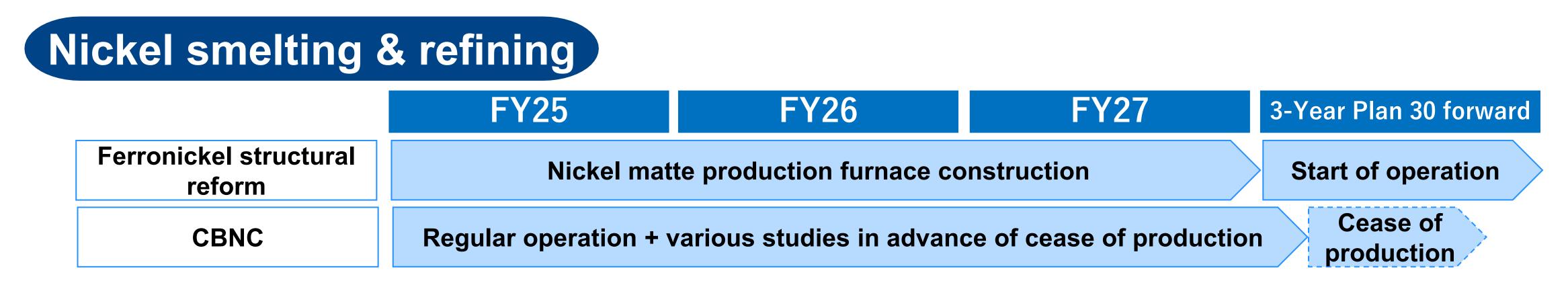
- Cathode materials is a business which can contribute to a carbon-neutral society through the utilization of our powder synthesis and surface treatment technology, and pyrometallurgical smelting and hydrometallurgical refining technologies. We will rebuild the business through a thorough review of the production system in line with the scale of the business.
- > Review the expansion plan for production capacity of 15 kt/month (by 2030) and shift to a production system centered on in-house resources
- $\succ$  Eliminate bottlenecks, improve productivity, reduce costs
- We will refine our MONOZUKURI-RYOKU and open avenues to fields in which we can leverage our strengths.
- > Further improvement of core technologies (particle size control, surface treatment, etc.)
- $\succ$  Strengthen competitiveness with a focus on Ni-based cathode materials that can take advantage of our accumulated technologies
- > Continued development of cathode materials for solid-state batteries/next-generation Ni-based cathode materials, LFP cathode materials, etc.



\*Compiled by us based on data from IEA Global EV outlook 2024 and Marklines.



# **1. Coping with Changes in the Business Environment** 3) Strengthening the Competitiveness of the Smelting and Refining Business I



### (1) Ferronickel structural reform

- New nickel matte production furnace (construction to be completed in FY2027) ۲
- Y Production of nickel matte in addition to ferronickel to improve the capacity utilization of existing facilities
- Diversification of raw material procurement and circulation of the sulfur to strengthen the supply chain of our entire nickel  $\checkmark$ business and improve its overall strength

## (2) CBNC

- Work to reduce costs and further improve production efficiency  $\bullet$
- With the final stage of the CNBC project, cease of production is expected in 3-Year Plan 30 •



# **1. Coping with Changes in the Business Environment** 3) Strengthening the Competitiveness of the Smelting and Refining Business II



**Toyo Smelter &** Refinery

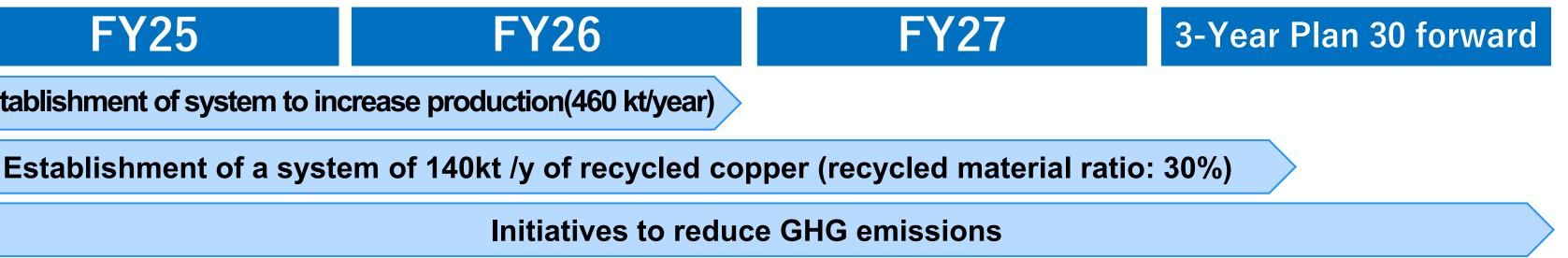
### We will be forced to operate under TC/RC expected to remain at historically low levels, but the overall impact on our copper business will be offset through collaboration with our mineral resources business

### Our positioning of copper smelting as the cornerstone of our supply chain will remain unchanged

- ۲ at full capacity
- We will also make proactive efforts to utilize recycled materials and take measures to reduce GHG  $\bullet$

### Enhancement of MONOZUKURI-RYOKU and technological capabilities to strengthen competitiveness

- Pursuit of high-efficiency and low-cost operations
- Strengthening our ability to handle high impurity raw materials with favorable ore purchase terms
- Continued improvement of facilities to increase electrolytic copper production (450 kt/year  $\rightarrow$  460 kt/year)



The Toyo Smelter & Refinery, which has one of the world's largest flash furnaces and high production efficiency, will continue to operate



**1. Coping with Changes in the Business Environment** 4) Business Portfolio Management (Promotion of ROCE Management)

# (1) Actions to be taken for businesses that do not achieve the ROCE benchmark during the **21 3-Year Plan period**

Ferronickel business (Smelting & Refining) Business environment: Continued low sales prices due to oversupply, resulting in lower capacity utilization Response: Building a new nickel matte production furnace and improve its overall strength

 $\rightarrow$  Full-scale operation of the nickel matte production furnace is scheduled to begin at the end of FY2027

#### LT/LN business (Materials)

Business environment: Intensification of competition due to entry of new manufacturers in addition to the maturity of the smartphone market Response: Improve production efficiency and reduce costs by consolidating production bases and utilizing proprietary production processes

 $\rightarrow$  Key to reaching the target is the effects of base consolidation and the expansion of applications beyond smartphones

## (2) Review of ROCE benchmark

We will set the ROCE benchmark for the 3-Year Plan 27 period at 6.5% based on current conditions

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Supplying the nickel matte the furnace produces to our nickel refineries will strengthen our entire nickel business supply chain

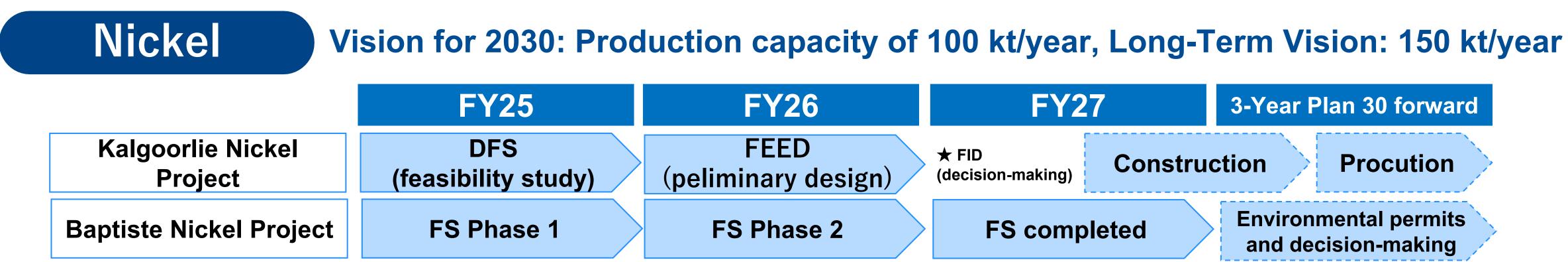


### 1. Coping with Changes in the Business Environment

- 2. Preparing for Future Growth
- 3. Assets, Technology, and Human Resources to Support Sustainable Growth
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- 5. Goal of 3-Year Plan 27 and Subsequent Outlook



#### **2. Preparing for Future Growth** 1) Promotion of Growth Strategies I



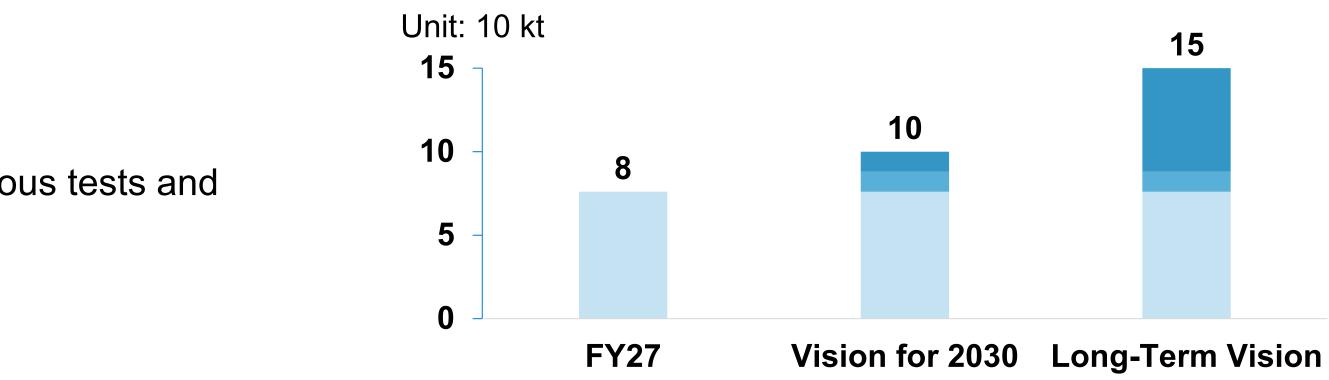
### (1) Promotion of the Kalgoorlie Nickel Project Goongaree Hub (Australia)

- Implementation of DFS and FEED for decision-making in FY2027
- Production of approximately 30 kt/year of nickel and 2 kt/year of cobalt over approximately 40 years planned (on a 100% basis\*)

\*Based on the results of the pre-feasibility study released in July 2023

### (2) Securing new nickel ore sources

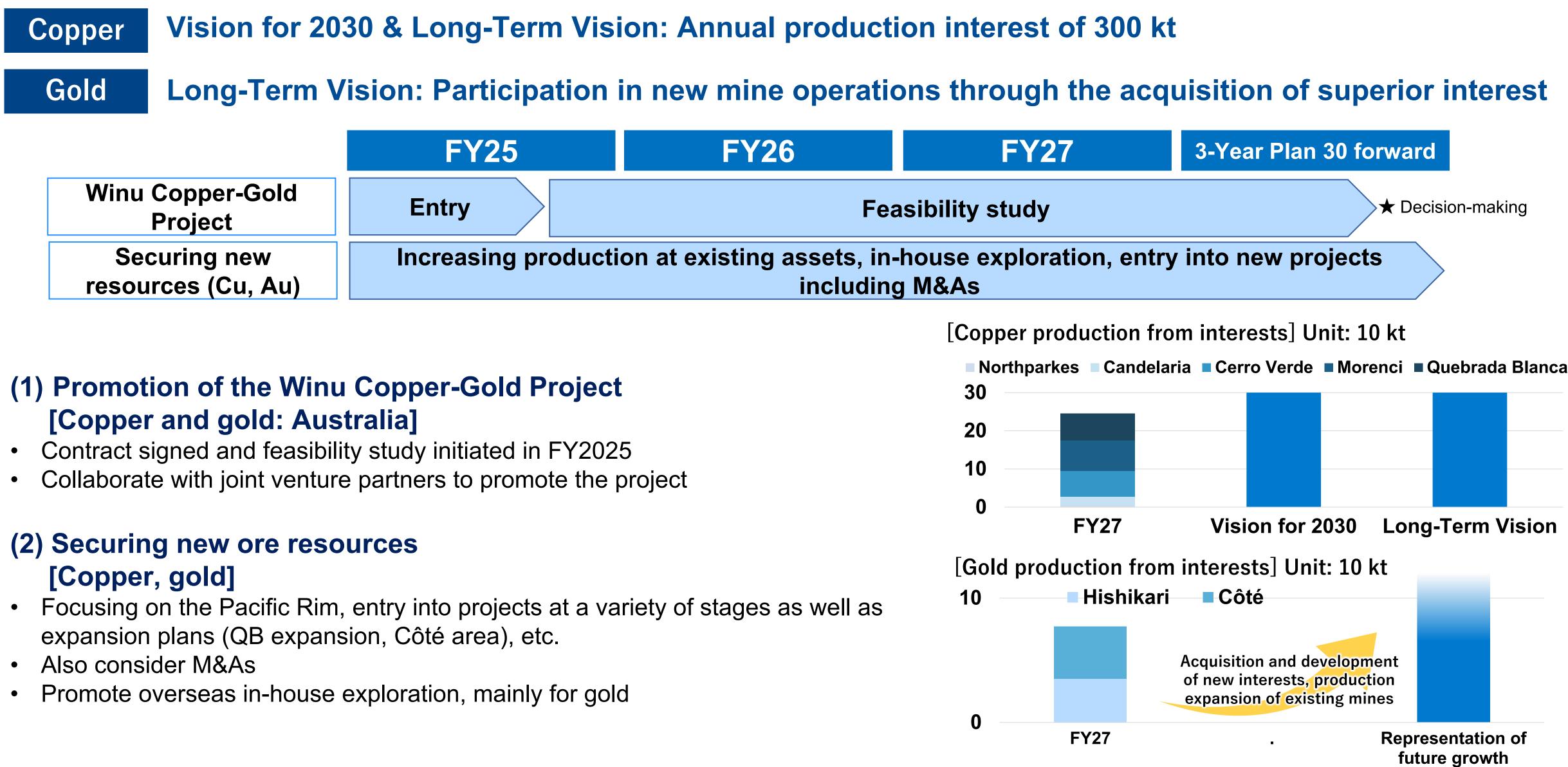
- Not only oxide ores predicated on HPAL but also sulfide ores
- Also consider M&As
- Plan for the Baptiste Nickel Project (Canada) is to conduct various tests and complete feasibility study







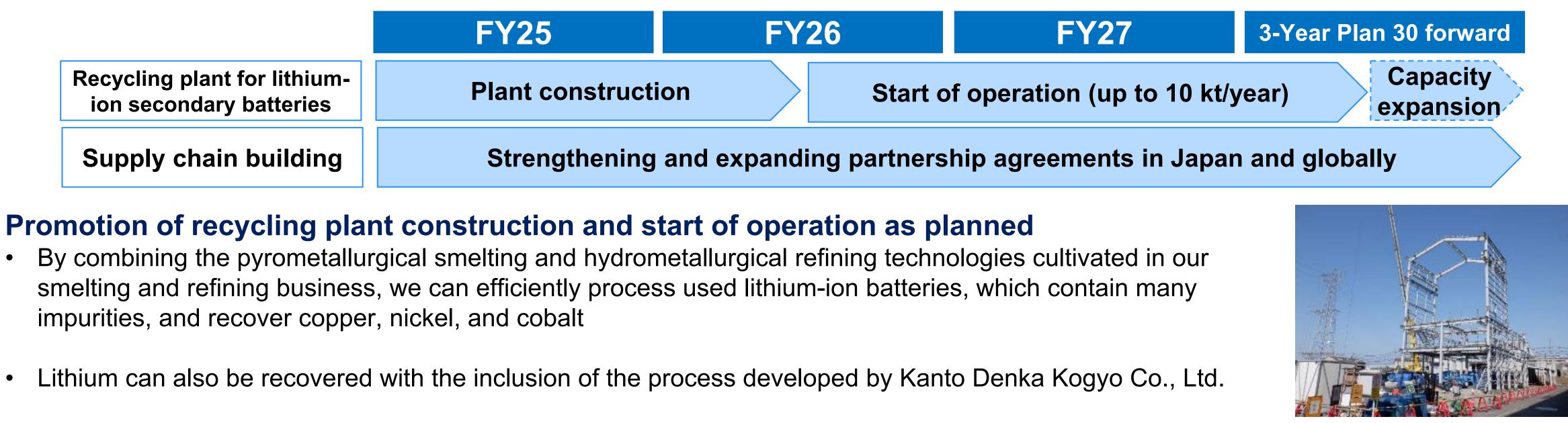
#### 2. Preparing for Future Growth 1) Promotion of Growth Strategies II





#### 2. Preparing for Future Growth 2) Lithium-ion Secondary Battery recyling

# Vision for 2030: Lithium-ion battery recycling capacity of 10 kt/year\*



- impurities, and recover copper, nickel, and cobalt
- Lithium can also be recovered with the inclusion of the process developed by Kanto Denka Kogyo Co., Ltd.
- Processing capacity on a lithium-ion cell basis is equal to 10 kt/year and will ramp-up after completion of construction in June 2026
- We will accumulate technology and know-how and build a supply chain with an eye to future market  $\bullet$ expansion
- By realizing horizontal "battery to battery" recycling with Japan and global partner companies, we will contribute to the formation of a sustainable circular economy

### \*Lithium-ion battery equivalent

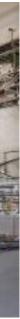
**Construction underway** 



The interior under construction







#### 3) SiCkrest<sup>®</sup> Bonded SiC Substrate **2. Preparing for Future Growth**

# Aiming to rapidly strengthen SiCkrest<sup>®</sup> bonded SiC substrates

	FY25	
SiC bonded substrates	Construction of 8-inch mass production line	SiCk
SiC polycrystalline substrates		

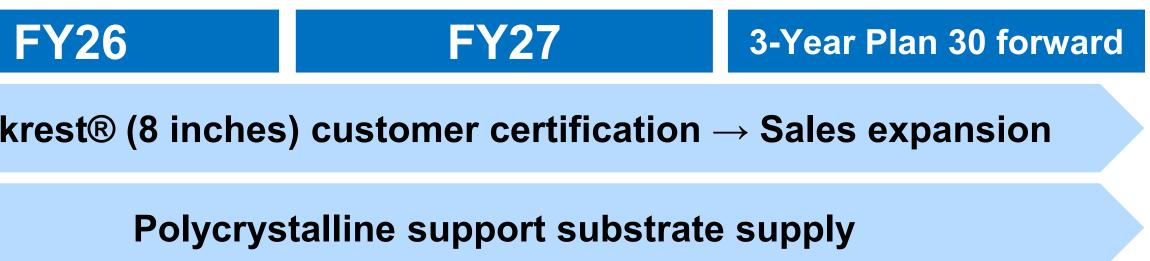
## 1) Expanding sales of 8-inch SiCkrest® bonded SiC substrates

- Construction of an 8-inch mass production line to be completed in FY25 expanding lacksquareproduction to approx. 6,000 substrates/month (6-inch equivalent: 10,000 substrates)
- Sales are expected to begin in earnest in FY27 after customer certification ullet

## 2) Expanding licensing of bonding technology

## 3) Expanding sales of polycrystalline SiC (8-inch) for bonded support substrates

In line with the expansion of licensing, we are building a supply system for polycrystalline support substrates







#### 4) SOLAMENT<sup>™</sup> Near-Infrared Absorbing Material **2. Preparing for Future Growth**

# **SOLAMENT<sup>™</sup>** is the brand name for a **Sunlight** control technology

We will further expand its application areas as a s control material

# 21 3-Year Plan <brand recognition, penetration>



 Touting the heat generation, unwanted photography prevention, health/beauty, and other applications of SOLAMENT<sup>™</sup>, we will promote the global expansion of the brand and increase its recognition and penetration, starting with the apparel market.

 With its adoption by apparel brands around the world, SOLAMENT<sup>™</sup> products have won numerous international design and creativity awards

un	lia	ht
uII	IIY	ΙΙ

Example a	Light shielding
Example applications	Photothermal conversion

Window films (cars and buildings)

Thermal insulation sheets for agriculture

Apparel (heat generation, unwanted photography prevention, health/beauty)

**Securing water resources** 

## **3-Year Plan 27 < social implementation >**



Through X-MINING<sup>®</sup>, we are exploring new application areas and contributing to solving social and environmental issues

• With global warming causing rising average temperatures which thus affect farming, we will leverage the characteristics of SOLAMENT<sup>™</sup> and promote entry into the agricultural sector. We will contribute to solving social issues such as declining harvests, food shortages, and hunger. • Launch of the ReFarm Project, an industry-academia collaborative effort to support agriculture.









- 1. Coping with Changes in the Business Environment
- 2. Preparing for Future Growth
- 3. Assets, Technology, and Human Resources to Support Sustainable Growth

4. Maintain and Strengthen the Management Base

5. Goal of 3-Year Plan 27 and Subsequent Outlook



# SUMITOMO METAL MINING 3. Assets, Technology, and Human Resources to Support Sustainable Growth 1) Focus on MONOZUKURI

# Refining MONOZUKURI-RYOKU (earning power) not only at manufacturing sites but also across all **business** activities



	Evolving a	nd deepening	<u>g busi</u> ı	<u>iess i</u>	nodel		
anagement strategy	busine	sses collaborate	e aroun	d the f in" 3-b	que business model in which three ocal point of smelting and refining to pusiness collaboration business model		
<i>Kaikaku</i> Project rmation, legacy,			Maintaining and strengthening relati <u>trust with partners</u> →Sumitomo's approach to business operate on the Sumitomo Business Spirit and long-former relationships of trust built on a high-level ex- technology related to metals create further opportunities				
oital mana en comm nent-oriente	unicatio	n	R&D		Securing lucrative raw mater Sustainable procurement Procurement cost redu		
eness impi		usness,			Development of efficient manufa processes →Realization of highly-efficient operation enhanced ability to handle impurities		
DX ness reform le creation	,	Production	n	Aca	E.g.: The Toyo Smelter & Refinery, which has one world's largest production capacity for a copper sm refinery with a single flash furnace		
quipment anagement			en	ducti ergy o	on of environmental impact by in efficiency ion of production lines and work		
ccupational cident reduc		duction cost uction	ost →Introduction and promotion of Toyota Product (TPS) in the materials business				



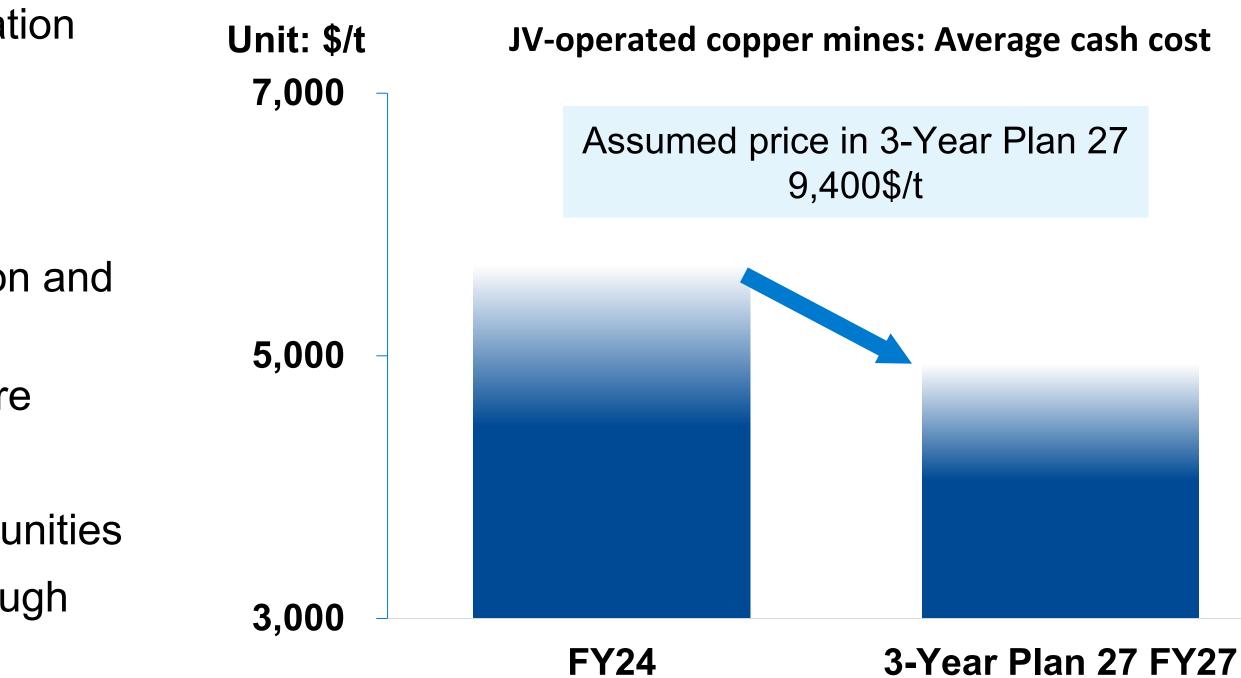
# 3. Assets, Technology, and Human Resources to Support Sustainable Growth 2) Mines in Which we have Interests

Despite the increasing challenges associated with resource development, namely resource nationalism, the higher altitudes, remoteness, greater depths, and increasingly lower grades of mines, relationships with local communities, environmental regulations, and rising costs, the mines in which we hold interests are all extremely important high-quality assets that will support our business foundation over the medium to long term.

- Long mine life based on abundant resources and exploration potential
- Excellent cost competitiveness
- Proactive initiatives to reduce GHGs
- Experienced JV partners with a robust financial foundation and shared values
- Politically stable regions with well-developed infrastructure Good labor-management relations

Co-existence and mutual co-prosperity with local communities

Realization of risk offsetting for our Copper Business through collaboration with the Smelting & Refining Business









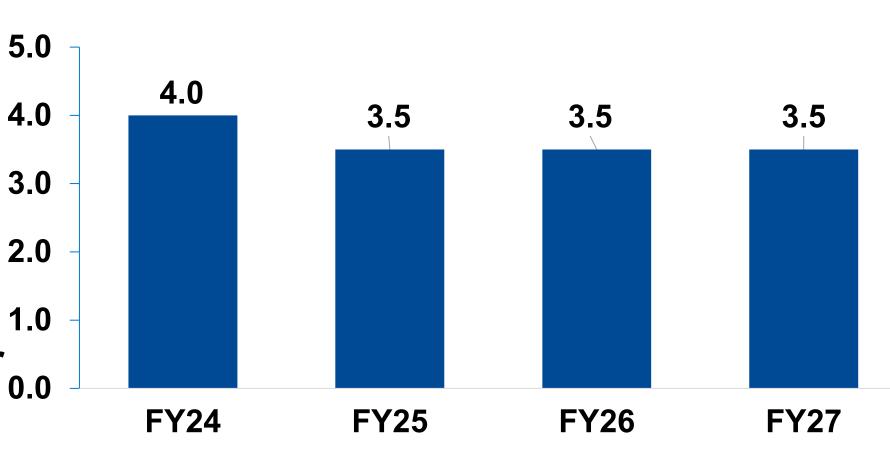
# 3. Assets, Technology, and Human Resources to Support Sustainable Growth 3) Hishikari Mine

# **Continuation of sustainability-focused operations**

Hishikari Mine, which started operating in 1985, is Japan's largest gold mine and boasts a world-class gold content ratio. Not only is it an important revenue base for the company, but it is also a center for the creation of human resources and technology that will be responsible for future business operations.

- Mined at average grade, the amount of gold sales annually during 3-Year $_{0.0}$  $\bullet$ Plan 27 will be 3.5 tons.
  - ✓ From FY28, we will continue to make the best use of this precious resource over the long term based on average grade mining.
  - $\checkmark$  Together with this, we will also focus on exploration to acquire new mineral resources.
- We will continue to build an operational structure that incorporates the latest technologies such as DX, etc.
  - $\checkmark$  Realization of clean, safe underground mines that are the world's most advanced.
  - Improved productivity and cost reduction through operation automation and  $\checkmark$ efficiency improvement, etc.
- By continuing operations for the next approximately 60 years, we will aim for total mine life of 100 years.

#### SUMITOMO METAL MINING

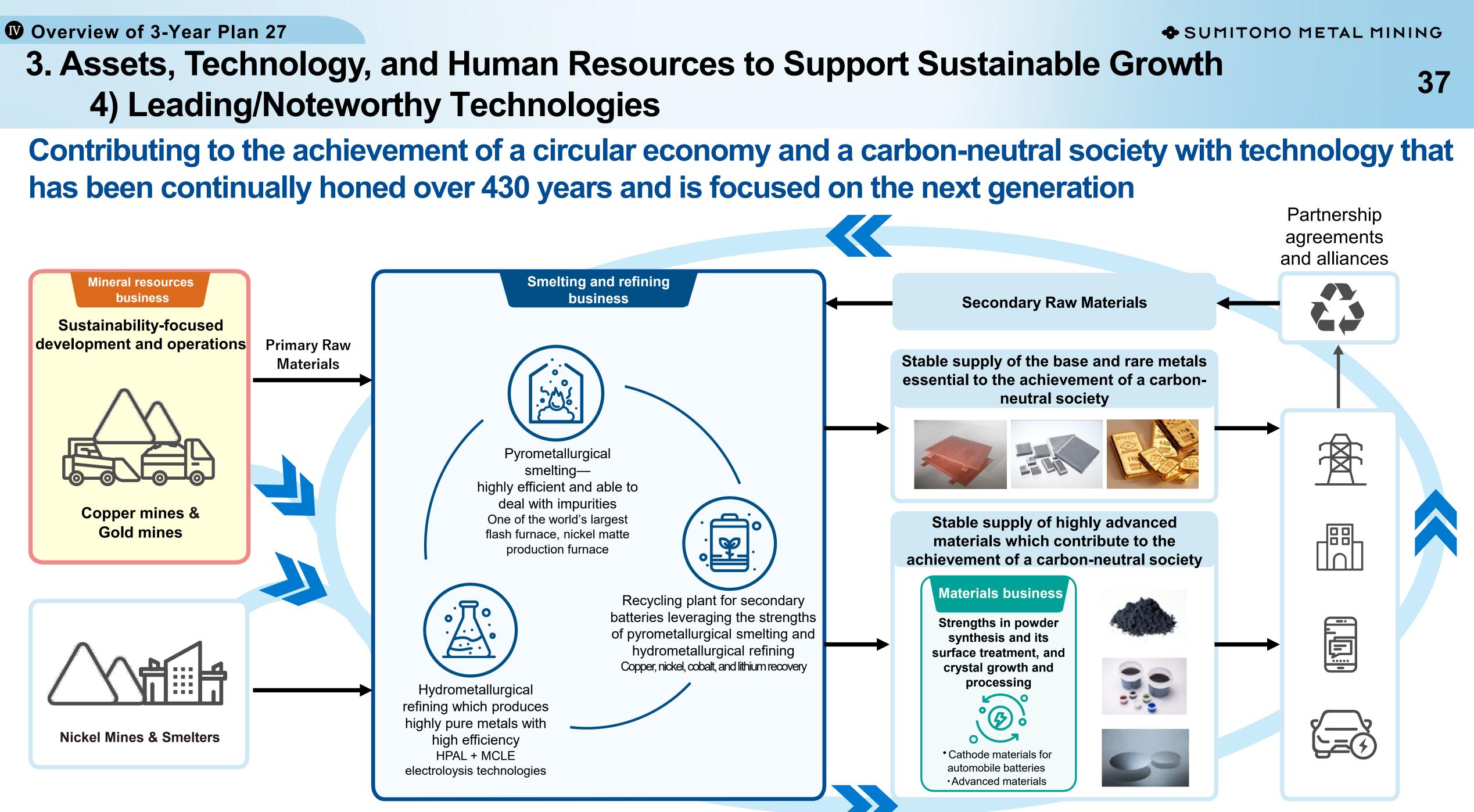


[Hishikari Mine gold production] Unit: t/y





# 4) Leading/Noteworthy Technologies



### 3. Assets, Technology, and Human Resources to Support Sustainable Growth 5) **DX (Digital Transformation)**

### **DX deployment for business reform**

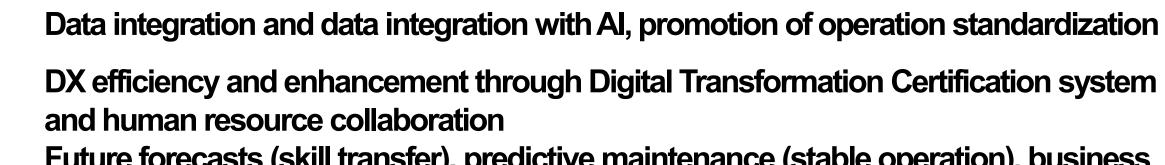
- Group-wide digital data utilization •
- Group-wide DX human resource development and establishment of an internal human resource network
- In-house deployment of digital technologies with a focus on AI, and their use in business operations

#### **DX** promotion investment during the 3-Year Plan 27 period: ¥6 billion

【Roadmap】	21 3-Year Plan			3-Year Plan 27		3-Year Plan 30			
	2021	2022	2023	2024	2025	2026	2027	2028	2029
Improvement of	Promoti	on of data coll	lection and u	utilization	Utili	zation in management deo	cisions		
management efficiency	De	evelopment of	DX human i	resources	(	Group-wide deployment of	DX		
Business reform and	Group-	wide DX foun	dation devel	lopment	Expansion and functional Enhancement of DX foundation		New busine	ess creation	
creation of new businesses					Strengthening of inform	Strengthening of information security		Shift in bus	iness model
Human resource response					Achievement of diverse	e work styles		Business re	eform
in an age with a declining birthrate •Employees •DX human resources		nancement of e	employees' d	ata literacy	Transform	nation of corporate climate	e and culture		
					Development of DX hu	man resources			
		DX foundation	developme	nt		Deployment of DX		Business transf	formation through DX

#### SUMITOMO METAL MINING













### 3. Assets, Technology, and Human Resources to Support Sustainable Growth 6) Human Capital Management

Material issues in 3-Year Plan 27			
Business/ organization	Construct a sustainable human resources/organizational structure to realize growth strategies		
Corporate culture	Foster a unifying corporate culture based on the SMM Group Corporate Philosophy		
Employees	Create an environment where employees can continue to grow with peace of mind		
Human resources functions	Build an effective and efficient human resources infrastructure		

### Continue to secure, develop, and utilize human resources who will support our growth strategy.

### Key measures

- Recruitment activities linked to brand communication
- Diversification of recruitment channels and strengthening of global recruitment
- Establishment of a structured system for nurturing successors (introduction of succession plans)
- Promotion of women's empowerment (formulation of individual career development plans for female managers and introduction of a mentoring system)
- Activities to improve employee engagement (PDCA cycle centered on survey results)
- Promoting and putting into practice DE&I culture (education to raise awareness, incorporation into evaluation criteria, etc.)
- Reskilling (utilization of self-development programs)
- Expansion of human resource development program (encouraging internal mobility, cross-boundary learning)
- Continuous improvement of managerial track personnel system
- Enhancement of alumni recruitment aimed at retirees and candidates who have declined job offers
- Consideration of restructuring human resources system infrastructure (promoting data utilization through DX)







- 1. Coping with Changes in the Business Environment
- 2. Preparing for Future Growth
- 3. Assets, Technology, and Human Resources to Support Sustainable Growth
- 4. Maintain and Strengthen the Management Base
- 5. Goal of 3-Year Plan 27 and Subsequent Outlook



# 4. Maintain and Strengthen the Management Base 1) Sustainability Management 41

Material issues	Vision for 2030	KPI	Targets
		Nickel production volume <sup>*1</sup>	100 kt/year (nickel)
Stable Supply of Non-Ferrous Metals and Transition to a Circular	A company that contributes to building and maintaining a circular economy by providing a stable supply of non-	Copper mine production from interests	300 kt/year (copper)
Economy	ferrous metal resources through its high technological capabilities	Lithium-ion battery recycling volume	10 kt/year *2
		Copper recycling volume	140 kt/year (copper)*3
Realizing a Carbon Neutral Society	A company that actively works to reduce greenhouse gas (GHG) emissions and develop technologies that	GHG emissions (Scope 1 and 2)	38% reduction compare FY2015
Realizing a Carbon Neutral Society	contributes to low carbon emissions in order to achieve a carbon neutral society.	Development and supply of low-carbon products Helping to reduce GHG emissions through the supply of products	1.1 million tons of $CO_2$
Conservation and Restoration of Nature	A company that contributes to a nature-positive future	Prevention of serious environmental accidents Number of serious environmental accidents	0 cases
		Engagement score in engagement surveys	Deviation value 55
Human Capital Management	A company that attracts a diverse workforce and allows them to grow and thrive	Number of serious accidents	0 cases
		Percentage/number of female managers	Consolidated 18% Non-consolidated 7% (50 pe
Co-Existence and Mutual Prosperity with Local Communities and Indigenous People	A company that grows with the community as a trusted partner	Dialogue with local communities/indigenous peoples Dialogue leading to the resolution of local issues Responding to consultations from external stakeholders (grievance mechanism)	Ongoing implementation Appropriate operation
	A company that builds a quateinable supply chain	Percentage of our Group's smelters and refineries that comply with international certification	100%
Supply Chain Management	A company that builds a sustainable supply chain	IncalLithium-ion battery recycling volumeCopper recycling volumese gasGHG emissions (Scope 1 and 2) Development and supply of low-carbon products Helping to reduce GHG emissions through the supply of products Number of serious environmental accidents Number of serious environmental accidentsurePrevention of serious environmental accidents Number of serious accidentslowsEngagement score in engagement surveyslowsNumber of serious accidentsstedDialogue with local communities/indigenous peoples Dialogue leading to the resolution of local issues Responding to consultations from external stakeholders (grievance mechanism)Percentage of our Group's smelters and refineries that comply with	Implementation and disclosu results by the end of FY2026

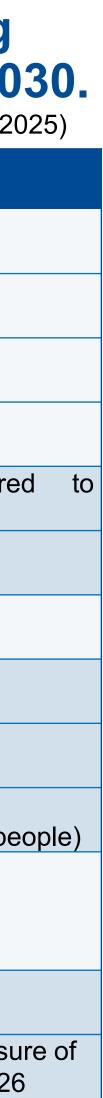
\*1 Production volume of electrolytic nickel, nickel sulfate, ferronickel, and nickel chloride; nickel contained in cathode materials for automotive secondary batteries (excluding those supplied by our company; includes nickel derived from recycling). \*2 Lithium-ion battery equivalent \*3 Recycling rate of 30% for 460,000 tons of electrolytic copper per year

SUMITOMO METAL MINING

#### We will work to achieve continued growth in our businesses and enhanced corporate value by tackling management issues that contribute to the ongoing development of society in line with our Vision for 2030.

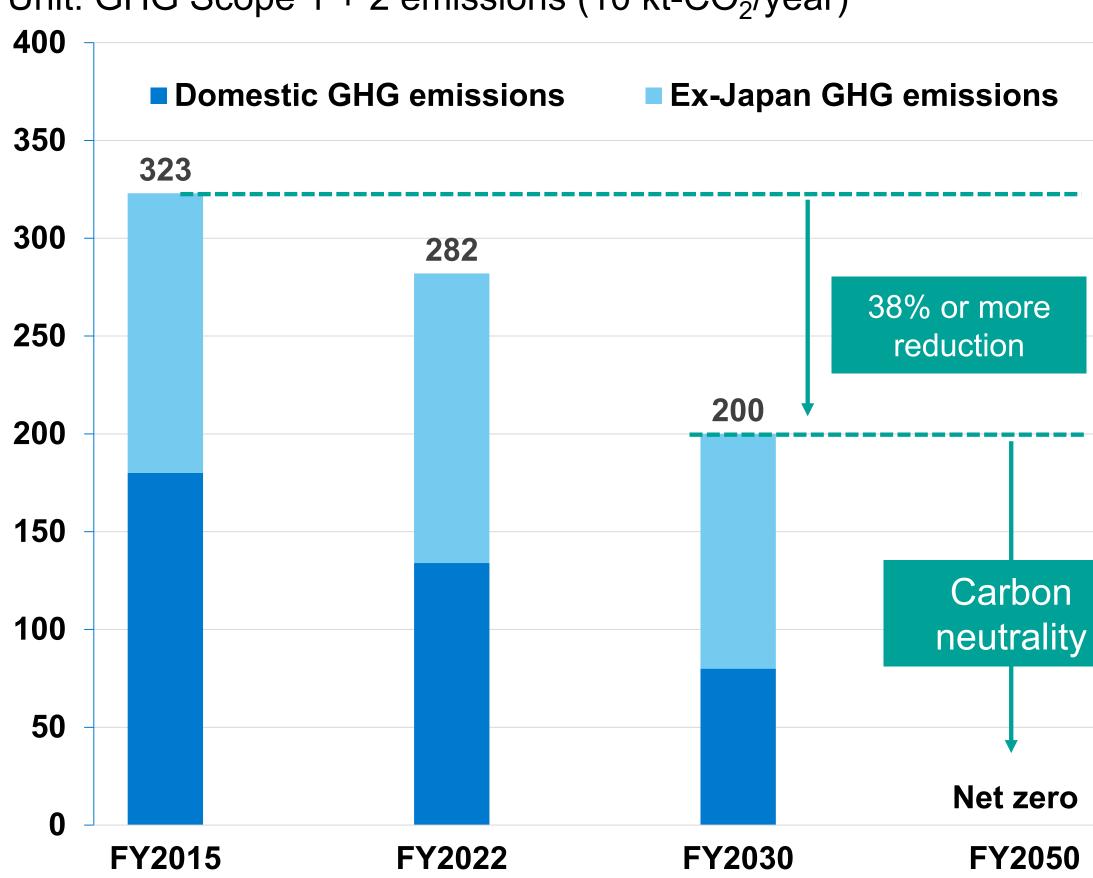
KPI/targets (as of March 3, 2025)





## 4. Maintain and Strengthen the Management Base 2) Carbon Neutrality

### We will take action to ensure the implementation of measures based on the medium-term targets and roadmap to achieve carbon neutrality.



Unit: GHG Scope 1 + 2 emissions (10 kt-CO<sub>2</sub>/year)

#### Investment aimed at reducing GHG emissions

Continue make investments that contribute to GHG emission reductions to realize CN

**Investment related to Green Inovation: ¥40.0 billion (27 3-year Total)** 

#### **Development of products, new technologies, and processes** that contribute to CN

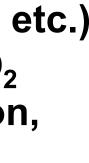
- Functional materials (functional inks, Ni powder, SiC, etc.)
- **Direct reduction of GHG from existing processes (CO<sub>2</sub>** fixation, reduction of neutralizers, biomass conversion, etc.)
- **Direct reduction of GHG through innovative processes** (hydrogen reduction technology for nickel oxide ore, etc.)
- **Reduction in GHG through new businesses (lithium-ion** recycling, lithium refining, cathode materials for solidstate batteries, artificial photosynthesis photocatalyst materials)

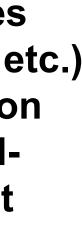












# 4. Maintain and Strengthen the Management Base3) Management with an Awareness of Capital Costs and Stock Prices

<ul> <li><b>Policion</b></li> <li>There are several factors behind the continued decline in PB strategy promoted in the 2021 3-Year Business Plan, and a doutlook for non-ferrous metal and the advanced materials may.</li> <li>Over the course of the 2021 3-Year Business Plan, we have of strategy is still only half complete. Consequently, we have be and our explanations regarding this matter have been inaded.</li> <li>Our current WACC is in the range of 6-7%, and our cost of edduring the 3-Year Plan 27 period, we expect ROCE and ROE during the 3-Year Plan 27 period, we expect ROCE and ROE during the 3-Year Plan 27, which positions the next foundation for achieving our Long-Term Vision.</li> <li>Aim to improve capital efficiency while maintaining a sort investment.</li> <li>With the smelting and refining business at the core, we will achievement of a circular economy and carbon-neutral societe. Strengthen and enhance shareholder returns based on our fit.</li> <li>Invest in growth areas while maintaining financial soundness.</li> <li>Enhance MONOZUKURI-RYOKU, and thoroughly eliminate on Pursue capital efficiency by promoting ROCE management.</li> <li>Strengthen sustainability management to achieve our Vision.</li> </ul>		
<ul> <li>Foundation for achieving our Long-Term Vision.</li> <li>Aim to improve capital efficiency while maintaining a sou investment.</li> <li>With the smelting and refining business at the core, we will achievement of a circular economy and carbon-neutral societe.</li> <li>Strengthen and enhance shareholder returns based on our finitiation of the second state of the</li></ul>	Current situation	<ul> <li>strategy promoted in the 2021 3-Year Business Plan, and a doutlook for non-ferrous metal and the advanced materials materials.</li> <li>Over the course of the 2021 3-Year Business Plan, we have do strategy is still only half complete. Consequently, we have be and our explanations regarding this matter have been inaded.</li> <li>Our current WACC is in the range of 6-7%, and our cost of education.</li> </ul>
<ul> <li>Enhance MONOZUKURI-RYOKU, and thoroughly eliminate of Pursue capital efficiency, including reducing inventory asset</li> <li>Improve capital efficiency by promoting ROCE management</li> <li>Revise our shareholder return policy.</li> <li>Strengthen sustainability management to achieve our Vision</li> </ul>	Policies	<ul> <li>foundation for achieving our Long-Term Vision.</li> <li>Aim to improve capital efficiency while maintaining a sou investment.</li> <li>With the smelting and refining business at the core, we will achievement of a circular economy and carbon-neutral socie</li> </ul>
	Initiatives	<ul> <li>Enhance MONOZUKURI-RYOKU, and thoroughly eliminate of Pursue capital efficiency, including reducing inventory asset</li> <li>Improve capital efficiency by promoting ROCE management</li> <li>Revise our shareholder return policy.</li> <li>Strengthen sustainability management to achieve our Vision</li> </ul>

**BR to below 1.0x**, including the time needed to reap the benefits of the growth decline in the assessment of our business model amid growing uncertainty about the narket.

concentrated our management resources on growth investments, but our growth been unable to sufficiently respond to recent calls for enhanced shareholder returns, equate.

equity is in around 8-9%. Taking into account the challenging business environment for FY2027 to fall short of the cost of capital.

xt three years as a period for overcoming the current challenges and establishing a

ound financial position (equity ratio of over 50%) with a view to the next growth

build a sustainable supply chain with **3-business collaboration** and contribute to the ety. (establish and strengthen "Shin" 3-Business Collaboration Business Model). financial strategy and cash allocation.

ss. overburden, waste, and unevenness. ets and cross-shareholdings. t.

n for 2030. disclosure of information on growth businesses.



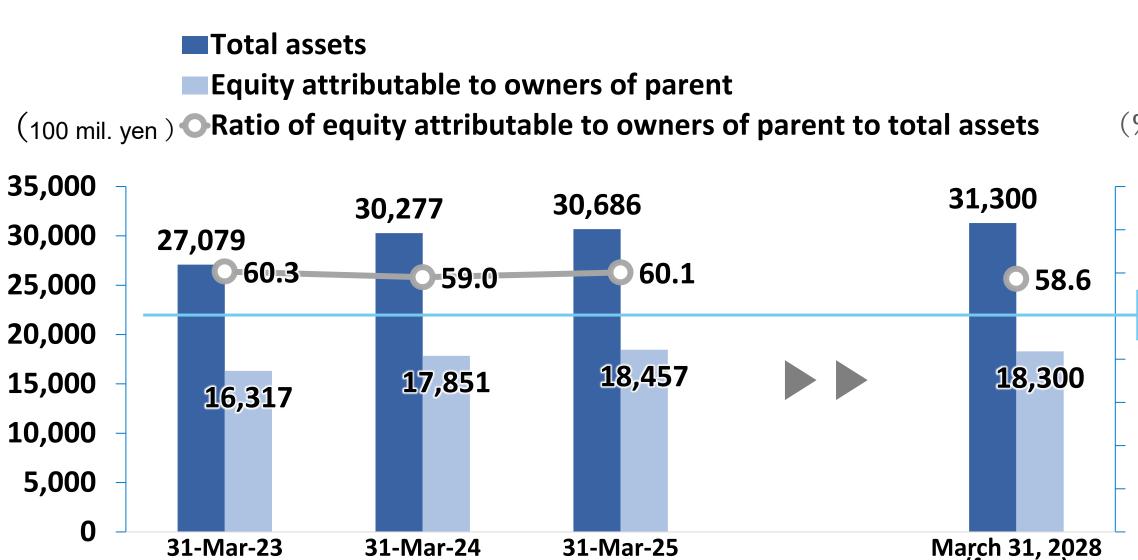


### 4. Maintain and Strengthen the Management Base 4) **Basic Policy Regarding Our Financial Strategy**

over 50%.

**Basic approach to financial strategy** 

- participation in large-scale projects or M&A to acquire new resource interests.
- $\bullet$ long periods of time between execution and recovery of investment.
- large temporary cash outflows.



(forecást)

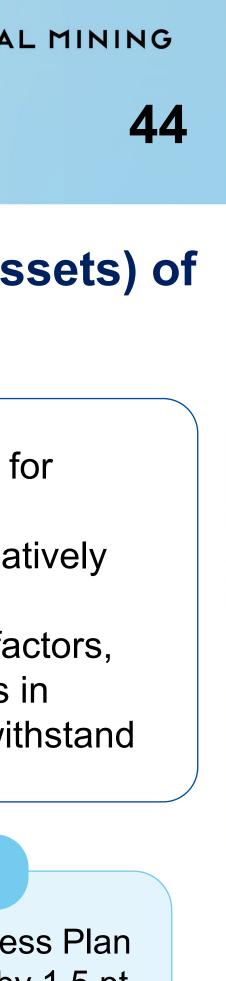
### We will maintain a consolidated equity ratio (ratio of equity attributable to owners of parent to total assets) of

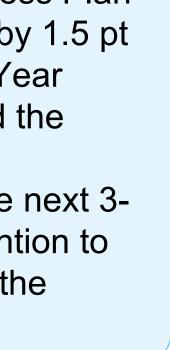
Because the non-ferrous metals that the SMM Group deals in are resources that can become depleted, we must always be prepared for

Mineral resources and smelting & refining development projects, including the construction of new smelters and refineries, involve relatively

The costs associated with constructing new smelters and refineries and acquiring resource rights are on the rise due to a number of factors, including the increasing remoteness and high-altititudes of mines, environmental considerations, soaring energy costs, and difficulties in securing human resources. As such, in order to secure prime projects, it is important to maintain a sound financial position that can withstand

	Response during the 3-Year Plan 27 period
(%) - 80.0 - 70.0 - 60.0 - 50.0 - 40.0 - 30.0	<ul> <li>By March 31, 2028, which is the end of the 3-Year Business P 2027, we expect the consolidated equity ratio to decline by 1.5 compared to March 31, 2025, the end of the previous 3-Year Business Plan, due to increased shareholder returns and the assumption of a stronger yen.</li> <li>We will maintain a ratio of over 50% in preparation for the nex Year Business Plan and beyond, while paying close attention</li> </ul>
- 20.0 - 10.0	what is happening with the launch of QB2 and Côté and the progress of projects currently under consideration.
0.0	





## 4. Maintain and Strengthen the Management Base 5) Capital Allocation

Growth investment, which had been at historically high levels, has peaked. As such, we will proceed with the sale of cross-shareholdings and strengthen shareholder returns (raising the lower-limit dividend on equity (DOE) ratio and implementing flexible treasury share purchases).

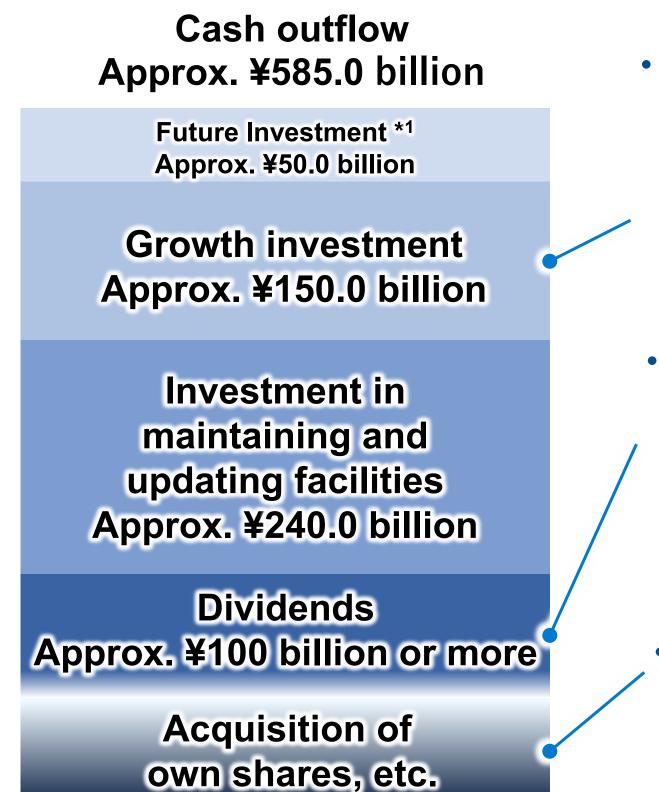
**3-Year Plan 27 (3-year total)** 

**Cash inflow** Approx. ¥585.0 billion

- **Cross-shareholdings will be** sold to reduce the ratio to **10% or less of consolidated** net assets (excluding PTVI).
- **Interest-bearing liabilities are** expected to increase due to increases of debt exceeding repayment obligations of approx. ¥270 billion.

**Operating cash flow** Approx. ¥495.0 billion

Sale of cross-shareholdings, increase in interest-bearing liabilities, etc. Approx. ¥90.0 billion



- **Investment in large-scale** projects (QB + Côté) has peaked, and growth investment is expected to decline compared to the previous 3-Year Plan period.
- Lower-limit dividend on equity (DOE) ratio will be revised from 1.5% in the previous 3-Year Plan period to 2.5% in the current 3-Year Plan period.
- Flexible acquisition of own shares

\*1 Green Inovation + DX investment

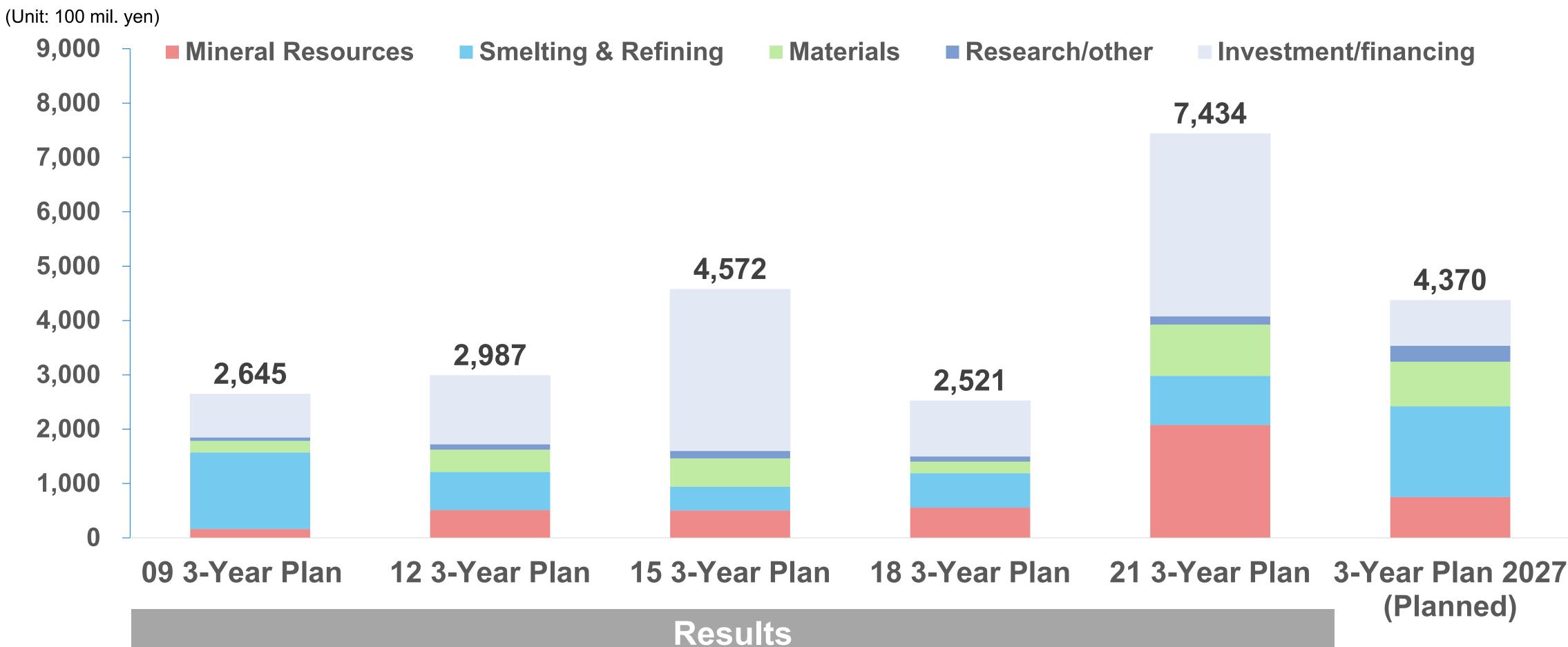






### 4. Maintain and Strengthen the Management Base 6) Capital Expenditures/Investment and Financing (By Segment)

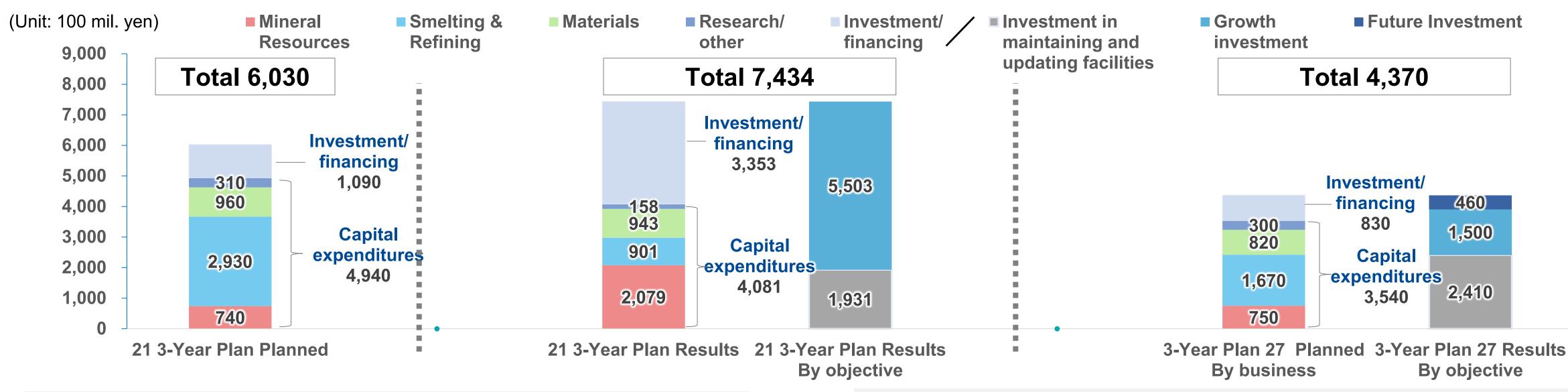
During the 2021 3-Year Business Plan period, we undertook multiple large-scale projects and achieved record-high results. We expect to maintain high level of performance during the 3-Year Business Plan 2027





### 4. Maintain and Strengthen the Management Base 7) Capital Expenditures/Investment and Financing (By Objective)

During the 2021 3-Year Business Plan period, we significantly exceeded our plans due to project delays caused by the COVID-19 pandemic and rising inflation. During the 3-Year Business Plan 2027 period, in addition to our growth strategy, we will steadily make investments related to reducing GHG emissions and digital transformation.



Major projects during the 2021 3-Year Plan period [Smelting & Refining] Pomalaa Project [discontinue] [Mineral Resources] QB2 Project [Mineral Resources] Côté Gold Development Project [Materials] Increased production of cathode materials for automotive batteries

Assumed exchange rate for plan: 1 USD = 115 JPY

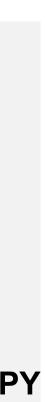
Major projects during the 3-Year Plan 2027 period [Smelting & Refining] Kalgoorlie Nickel Project [Smelting & Refining] Nickel matte production furnace [Smelting & Refining] Recycling plant for lithium-ion secondary batteries [Mineral Resources] Winu Copper-Gold Project [Materials] NMCA conversion for cathode materials for automotive batteries

Assumed exchange rate: 1 USD = 140JPY



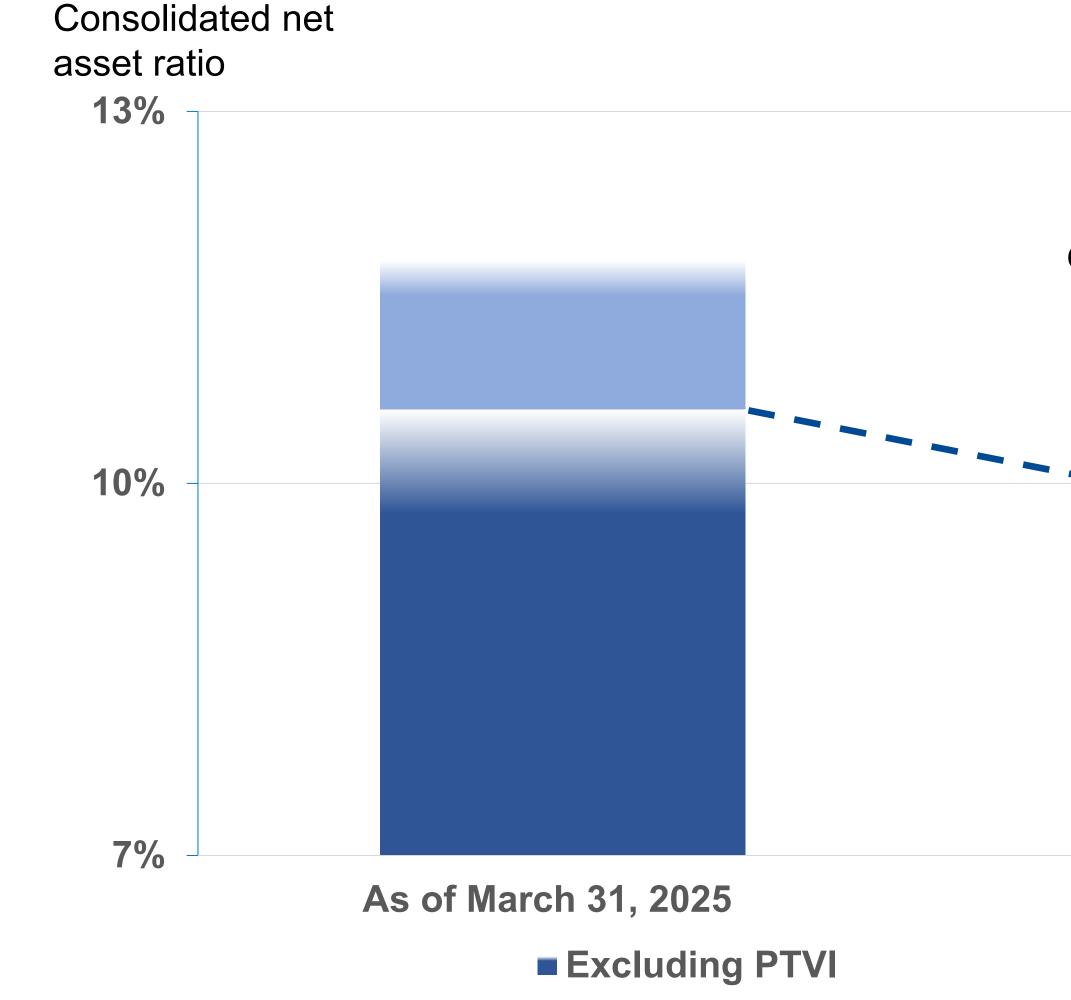






## 4. Maintain and Strengthen the Management Base 8) Cross-shareholdings

### We will reduce cross-shareholdings with the aim of achieving a consolidated net asset ratio of 10% or less.



SUMITOMO METAL MINING

\*PT Vale Indonesia Tbk (PTVI) We have been investing in PTVI since 1972. An important business base in the Republic of Indonesia, it is a major source of the nickel raw materials that we use in our Smelting & Refining Business. In 2020, SMM sold a portion of its shares of PTVI in accordance with the Indonesian government's policy of promoting domestic ownership, and excluded PTVI from its equity-method affiliates.

#### (1) **PTVI\*** Excluding shares Consolidated net asset ratio of 10% or less

(2)PTVI\* Including shares **Consolidated net asset ratio** of 10% or less

By March 31, 2028

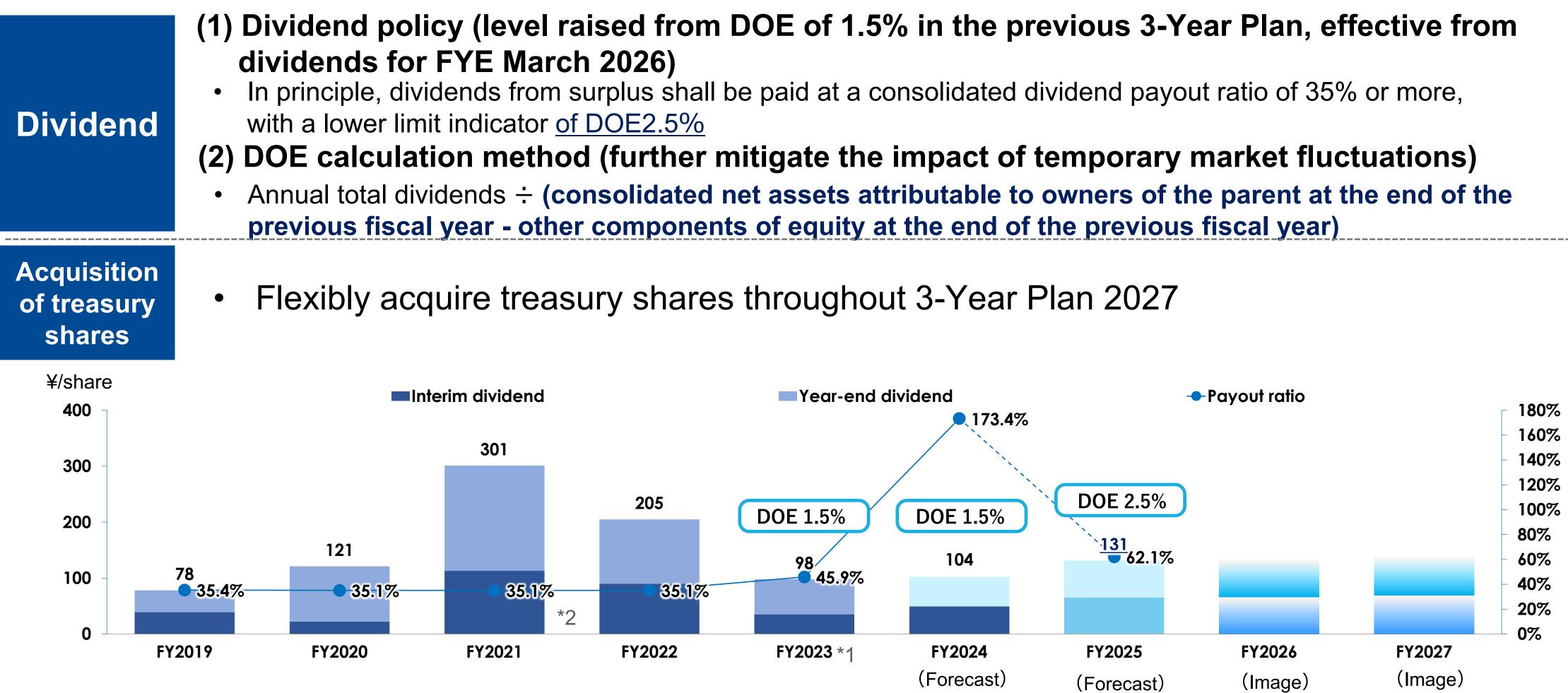
FY2028 onward

Including PTVI



## 4. Maintain and Strengthen the Management Base 9) Shareholder Returns

### We will raise the lower limit indicator of DOE and acquire treasury shares to strengthen shareholder returns.



The lower limit indicator of 1.5% DOE will apply from the dividend for FY2023.

The dividend payout ratio for FY2021 is calculated with adjustments related to the transfer of Sierra Gorda excluded. \*2

SUMITOMO METAL MINING



# 4. Maintain and Strengthen the Management Base 10) Corporate Governance

# (1) **Executive Remuneration System**

We are in preparation for introducing a stock-based remuneration system during the 3-Year Business Plan 2027 period as an incentive for executive officers to contribute to the Group's sustainable growth, as well as the improvement of its corporate value and the strengthening and maintenance of its management foundation over the medium to long term.

### (2) Governance System

In light of discussions we have had concerning changes in the external environment, the effectiveness of the Board of Directors, and other matters, we will conduct a review of our governance structure, including the Board of **Directors, to determine the ideal form it should take.** 









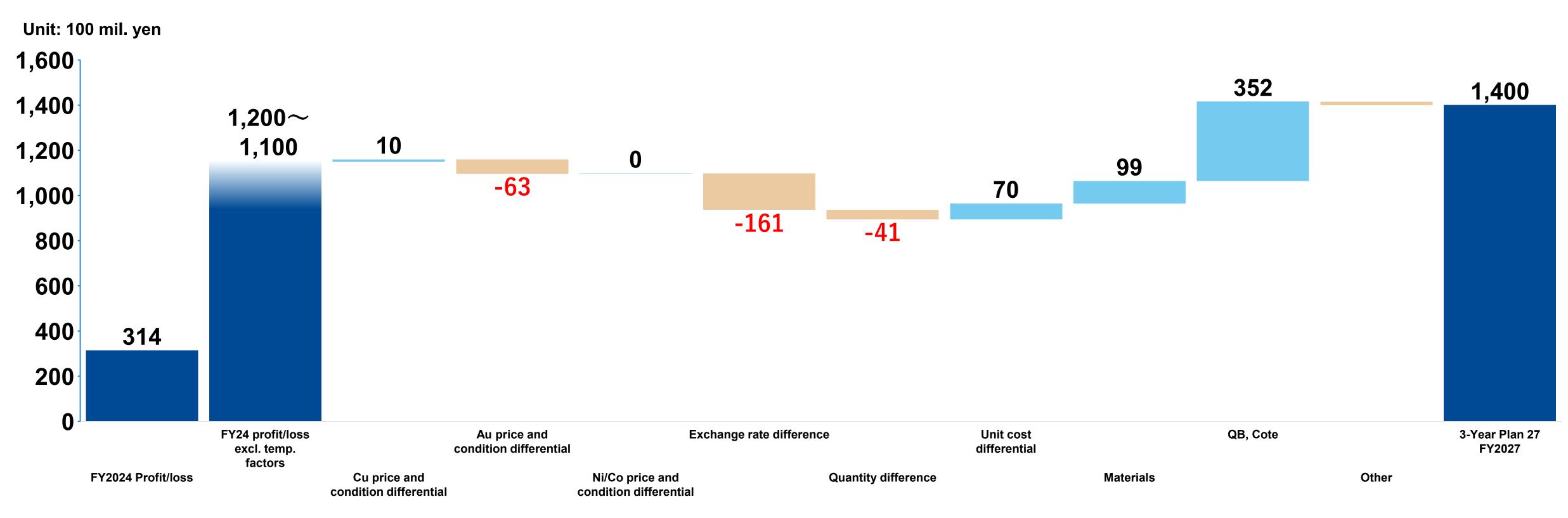
- 1. Coping with Changes in the Business Environment
- 2. Preparing for Future Growth
- 3. Assets, Technology, and Human Resources to Support Sustainable Growth
- 4. Maintain and Strengthen the Management Base
- 5. Goal of 3-Year Plan 27 and Subsequent Outlook



### 5. Goal of 3-Year Plan 27 and Subsequent Outlook 1) Profit Before Tax (vs FY24 Results)

## **Profit before tax improved to ¥108.6bn.**

In addition to the realization of competitiveness of the Quebrada Blanca Copper Mine and the Côté Gold Mine, we expect to see an improvement in the materials segment.



	Copper (\$/t)	Ni (\$/lb)	Gold (\$/toz)	Co (\$/lb)	<b>Ех</b> о (
3-Year Plan 2027	9,400	7.50	2,400	—	14
FY24 results	9,370	7.51	2,585	10.89	15

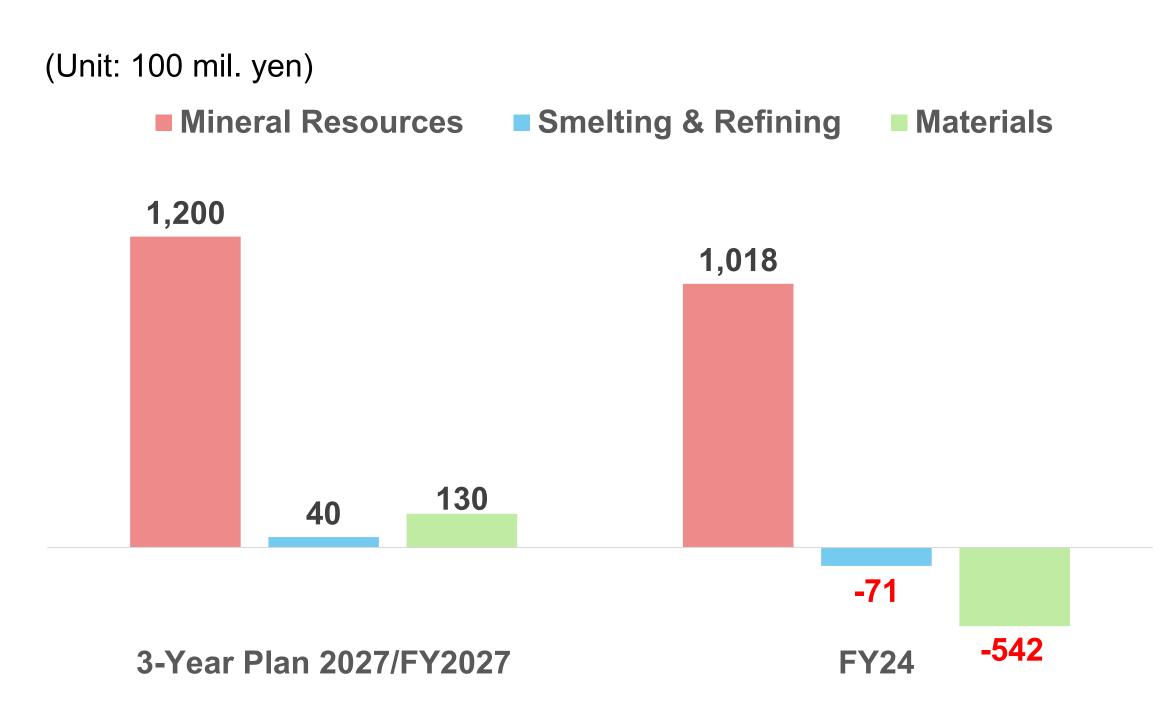




### 5. Goal of 3-Year Plan 27 and Subsequent Outlook 2) Segment Profit/ROCE

#### Segment profit/loss

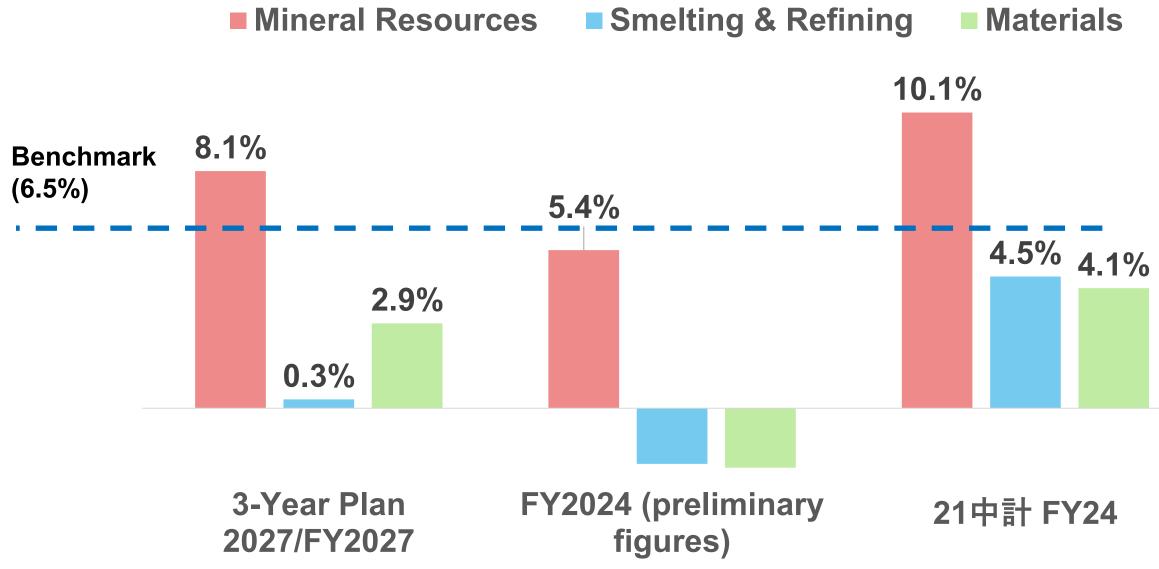
Mineral Resources: Realization of profit contribution of the Quebrada Blanca Copper Mine and the Côté Gold Mine Smelting & Refining: Impact of decline in copper processing income (TC/RC) and Ni and Co prices Materials: Despite an upturn in advanced materials, the effects of structural reforms in battery materials are expected to be seen after 3-Year Plan 2030





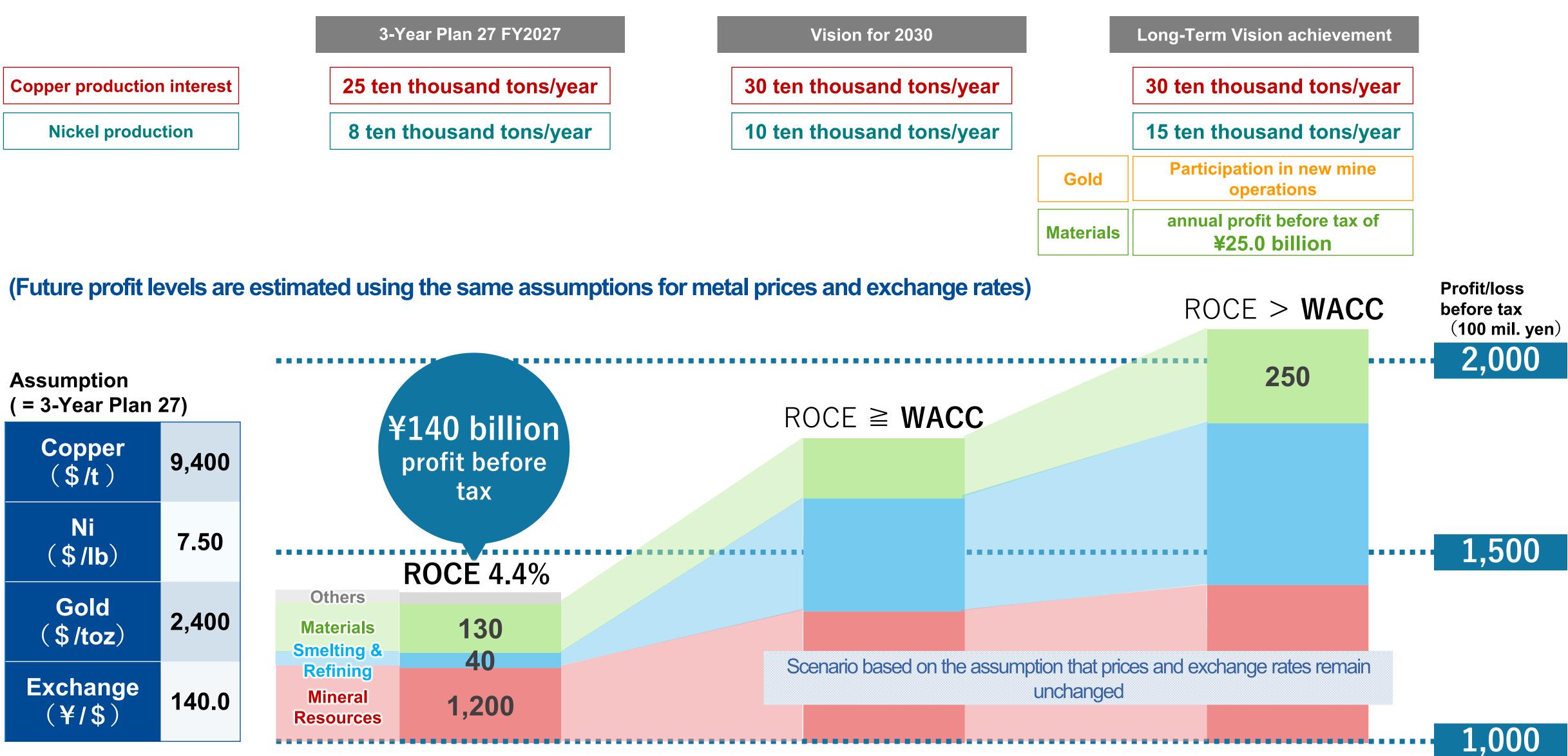
### **ROCE** (3-Year Plan 2027/FY2027)

Both Smelting & Refining and Materials businesses are expected to fall below the benchmark (6.5%)



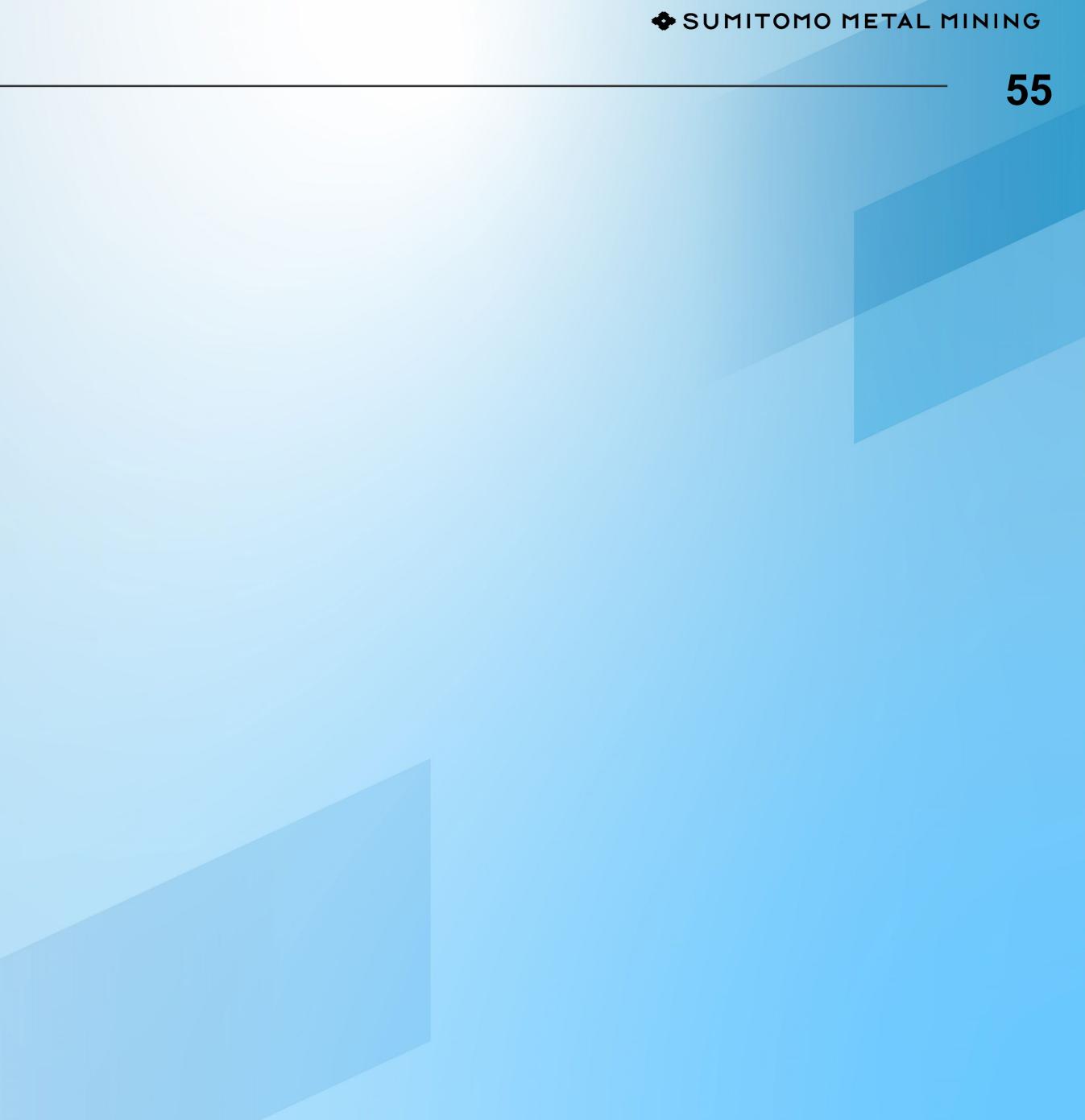


### 5. Goal of 3-Year Plan 27 and Subsequent Outlook 3) Future Vision











### Conclusion

In our 3-Year Business Plan 2027, in addition to focusing on restoring business performance amid a challenging business environment and preparing for the coming recovery, we have also incorporated measures that represent a departure from our previous approach, such as enhancing and expanding shareholder returns and reforming our executive remuneration system. To give you a better picture of our vision, in today's presentation, we have also touched on our plans for beyond the period covered by 3-Year Business Plan 2027.

Amid recent growing uncertainty about the future due to the impact of US tariff policies and other factors, we will remain steadfast in our commitment to manufacturing, striving to restore our earning power based on my personal motto that "it is better to eliminate one negative factor from the past than to pursue profit from starting something new in the present." We will also work to enhance our corporate value on a continuous basis, with the aim of realizing our Vision for 2030 and becoming a global leader in the nonferrous metals industry.

As we move forward, I would like to express my sincere gratitude to all of our stakeholders for their continued support and guidance over the years.

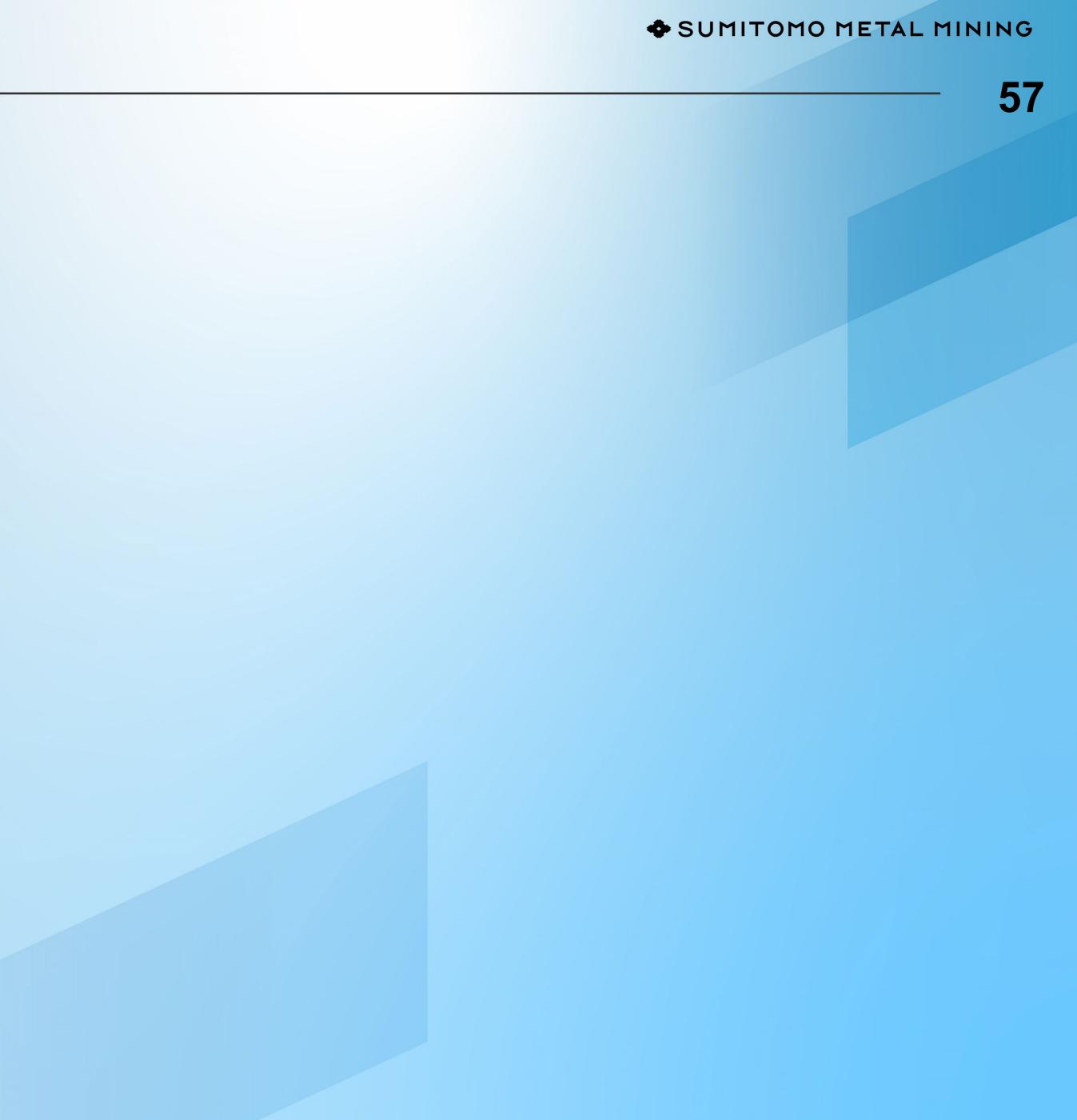
Nobuhiro Matsumoto **President and Representative Director** 





# May 2025





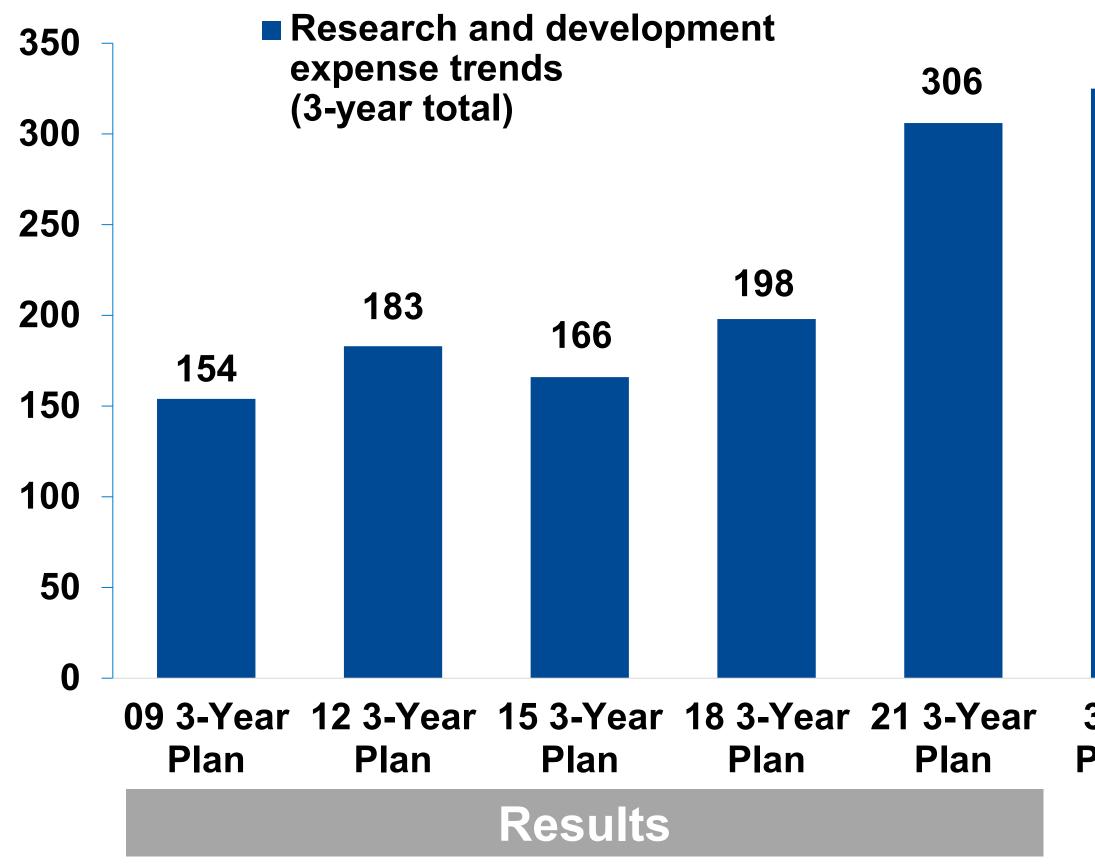


## **Research and Development Expenses**

#### Focus on developing new products and processes that meet social demands

Further strengthen technologies\* that support sustainable growth





#### Major themes during the 3-Year Plan 27 period

**Development of products that contribute to low carbon emissions** 

Hydrogen production catalysts Cathode materials for solid-state batteries, etc.

#### **Development of low-carbon smelting technologies**

Lithium refining and recovery process Measures to reduce carbon from existing smelting and refining process Innovative smelting processes such as hydrogen reduction, etc

#### \*Technologies that support sustainable growth

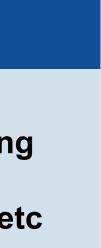
(1) Core technologies
 Exploration, mining, and mineral processing technology
 Smelting and refining process technology
 Powder synthesis and surface treatment technology
 Crystal growth and processing technology

(2) Foundational technologiesEvaluation and analysis technology, computer simulation technology

3-Year Plan 27







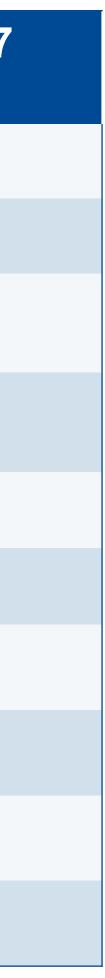


## **Business Result Trends**

	2022 results	
Net sales (100 mil. yen)	14,230	
Profit before tax (100 mil. yen)	2,299	
Profit (loss) based on equity method (100 mil. yen)	365	
Profit attributable to owners of parent (100 mil. yen)	1,606	
ROCE (%)	8.3	
Net income ROE (%)	10.4	
Copper (\$/t)	8,551	
Nickel (\$/lb)	11.63	
Gold (\$/toz)	1,805	
Exchange (¥/\$)	135.48	

2023 results	2024 results	3-Year Plan 27 FY2027
14,454	15,933	13,800
958	314	1,400
331	87	460
586	165	980
4.5	0.8	4.4
3.4	0.9	5.4
8,362	9,370	9,400
8.68	7.51	7.5
1,989	2,585	2,400
144.63	152.58	140.00







### **Business Results (Segment Profit/Loss)**

Unit: 100 mil. yen		2022 results	2023 results	2024 results	3-Year Plan 27 FY2027
	Mineral Resources	764	528	1,018	1,200
	Smelting & Refining	1,179	622	-71	40
Segment income	Materials	173	-72	-542	130
	Other	-30	-15	-12	30
Adjustments (including gain/loss on foreign exchange)		213 (191)	-105 (-106)	-79 (43)	(-)
Profit/loss	before tax	2,299	958	314	1,400

#### SUMITOMO METAL MINING







### **Consolidated Balance Sheet**

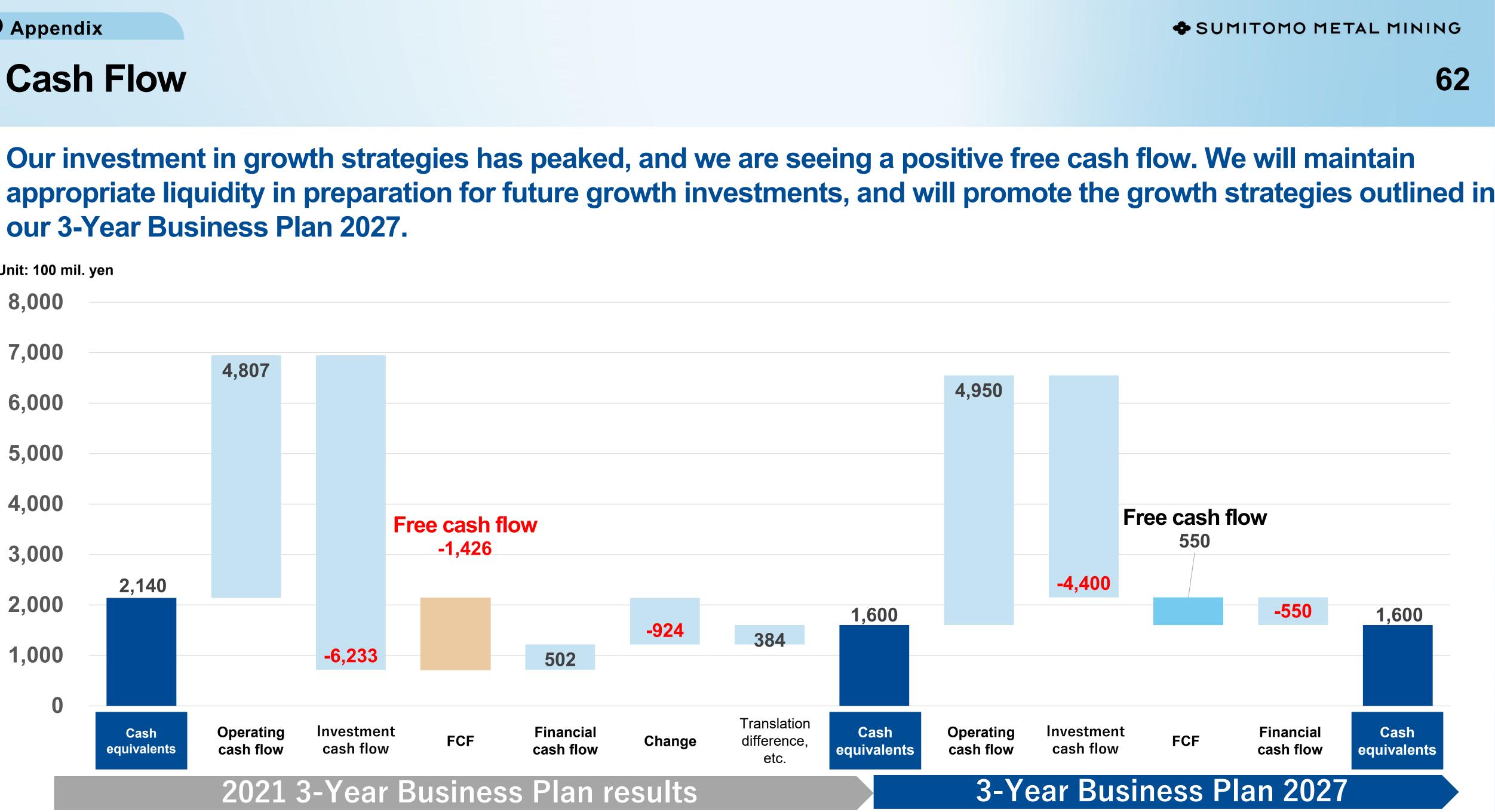
Unit: 100 mil. yen	3-Year Plan 27 FY2027	End of FY2024 (results)	Change
Total current assets	7,900	9,763	-1,863
Total non-current assets	23,400	20,923	+2,477
Total assets	31,300	30,686	+614
Total liabilities	10,600	10,192	+408
Total net assets	20,700	20,494	+206
Total equity liabilities	31,300	30,686	+614
Interest-bearing debt	6,200	5,762	+438
Equity ratio	58.6%	60.1%	-1.5%
D/E Ratio*	0.34	0.31	+0.03

SUMITOMO METAL MINING





Unit: 100 mil. yen





# Metal Volume Under Mineral Resource Interests (1) Copper I

### Major mines in which the SMM Group has interests

### Morenci

#### SMM interest: 25% Mineral volume calculation standards: S-K 1300 (U.S.A.)/as of December 31, 2024

(25%)	Grade (%)	Copper volume (kt)
Proven and probable mineral reserves (Note: 1, 3)	0.21	1,950
(25%)	Grade (%)	Copper volume (kt)
Measured and indicated mineral resources (Note: 2, 3)	0.21	2,380
Inferred mineral resources (Note: 2, 3)	0.20	500

#### Reference

FY2024 production volume (result)

79.3 kt (25%)

### Northparkes

SMM interest: 13.3% Mineral volume calculation standards: JORC Code 2012 (Australia)/as of December 31, 2023

(13.3%)	Grade (%)	Copper vol (kt)
Proven and probable mineral reserves (Note: 1, 3)	0.51	
(13.3%)	Grade (%)	Copper vol (kt)
Measured and indicated mineral resources (Note: 2, 3)	0.55	3
Inferred mineral resources (Note: 2, 3)	0.57	
Reference FY2024 production volume (result)	<b>4.8</b> k	<b>t</b> (13.3%)

(Note) See slide 68 for notes.







# Metal Volume Under Mineral Resource Interests (1) Copper II

### Major mines in which the SMM Group has interests through equity-method affiliates

### **Cerro Verde**

SMM interest: 16.8% (The figures in the table below are on a 100%) Mineral volume calculation standards: S-K 1300 (U.S.A.)/as of **December 31, 2024** 

Grade (%)	Copper volume (kt)
0.34	13,280
Grade (%)	Copper volume (kt)
0.32	5,770
0.34	2,160
431 kt (100%)	
	0.34 Grade (%) 0.32 0.34

#### Candelaria Complex (including Ojos del Salado)

SMM interest: 16% (The figures in the table below are on a 100%) Mineral volume calculation standards: NI-43-101 (Canada)/as of **December 31, 2024** 

(100%)	Grade (%)	Copper volume (kt)
Proven and probable mineral reserves (Note: 1, 3)	0.47	2,890
(100%)	Grade (%)	Copper volume (kt)
Measured and indicated mineral resources (Note: 2, 3)	0.56	8,080
Inferred mineral resources (Note: 2, 3)	0.56	670
Reference FY2024 production volume (result)	157 kt (100%)	
	(Note) Se	e slide 68 for notes.









# Metal Volume Under Mineral Resource Interests (1) Copper III

### Major mines in which the SMM Group has interests through equity-method affiliates

### Quebrada Blanca Copper Mine

SMM interest: 25% (The figures in the table below are on a 100%) Mineral volume calculation standards: NI-43-101 (Canada)/as of December 31, 2024

(100%)	Grade (%)	Copper volume (kt)
Proven and probable mineral reserves (Note: 1, 3)	0.52	7,130
(100%)	Grade (%)	Copper volume (kt)
Measured and indicated mineral resources (Note: 2, 3)	0.37	15,730
Inferred mineral resources (Note: 2, 3)	0.34	13,450
Reference FY2024 production volume (result)	200 kt (100%)	



(Note) See slide 68 for notes.





# Metal Volume Under Mineral Resource Interests (2) Gold I

### Major mines in which the SMM Group has interests

Hishikari Mine		
SMM interest: 100% Mineral volume calculation standards: JIS M 1001:1994 (Japan) /as of December 31, 2024		
(100%)	Grade (g/t)	Gold volume(t)
Gold mineable reserve*	18.4	154

\*Calculated based on the Hishikari Mine Mineable Volume Calculation Standards, which complies with Japanese Industrial Standards (JIS) M1001-1994.

#### Reference

FY2024 production volume (result)

**4.0 t** (100%)









# Metal Volume Under Mineral Resource Interests (2) Gold II

### Major mines in which the SMM Group has interests

### Côté Gold Mine (Côté Deposit)

JV interest: 30% Mineral volume calculation standards: NI-43-101 (Canada)/as of **December 31, 2024** 

(JV 30%)	Grade (g/t)	Gold volume(t)
Proven and probable mineral reserves (Note: 1, 3)	1.00	68
(JV 30%)	Grade (g/t)	Gold volume(t)
Measured and indicated mineral resources (Note: 2, 3)	0.84	110*
Inferred mineral resources (Note: 2, 3)	0.61	11

#### Reference

FY2024 production volume (result)

**2.3t** (SMM interest)

\* For the Côté Gold Mine, in accordance with the operator's reporting classification, the measured and indicated mineral resources (Côté Deposit and Gosselin Deposit) include the proven and probable mineral reserves.

#### Côté Gold Mine (Gosselin Deposit) JV interest: 30% Mineral volume calculation standards: NI-43-101 (Canada)/as of December 31, 2024 (JV 30%) Grade (g/t) Gold volume (t)

Proven and probable mineral reserves (Note: 1, 3)	-	
(JV 30%)	Grade (g/t)	Gold volume
Measured and indicated mineral resources (Note: 2, 3)	0.85	4
Inferred mineral resources (Note: 2, 3)	0.75	

#### Following exercise of repurchase option of interest by IAMGOLD, SMM's JV interest declined from 39.7% to 30% at the end of November 2024



#### **W** Appendix

## Metal Volume Under Mineral Resource Interests (3) Notes

### [Notes]

- The "measured mineral resources," "indicated mineral resources," or "inferred mineral resources" in this ulletpresentation do not necessarily mean that they are or will be economically or legally mineable. Further, "inferred mineral resources" have a great amount of uncertainty as to their existence and as to their economic and legal feasibility. It cannot be assumed that any part or all of an inferred mineral resource will ever be upgraded to a higher category.
- The data set out in this presentation are estimates, and no assurance can be given that the anticipated  $\bullet$ volumes and grades will be achieved.

(Notes)

- 1. Proven and probable mineral reserves represent the volume where mining is economically feasible, calculated based on mineral volume calculation standards of each country.
- 2. The volume of mineral resources represents the volume of minerals discovered, calculated based on mineral volume calculation standards of each country and classified based on the certainty of ore grade and volume. The volume of mineral resources is classified as "measured," "indicated," or "inferred" in the order of precision. To be considered as reserves where mining is economically feasible, the precision needs to be "indicated" or higher.
- 3. Figures for proven and probable mineral reserves, measured and indicated mineral resources, and inferred mineral resources are those as of December 31, 2023 or December 2024.

the operating companies that have the operator rights of the copper mines.

Please note the following points regarding each slide of the metal volume under mineral resource interests.

The classification of proven and probable mineral reserves, measured and indicated mineral resources, and inferred mineral resources is based on reports from





### **Price Sensitivity**

			Unit: 100 mil. yen
Element	Fluctuation	3-Year Plan 27 FY27 Profit before tax	21 3-Year Plan FY24 Profit before tax
Cu	±100\$/t	32	29
Ni	±10¢/lb	15	16
Au	±10\$/toz	3	3
Exchange rate (Yen/USD)	土 <b>1¥/\$</b>	16	17

Note: The monetary value of the impact of exchange rate fluctuations provided above is the sum of the revenue from metal processing operations in Japan and FOREX differences in foreign operations.

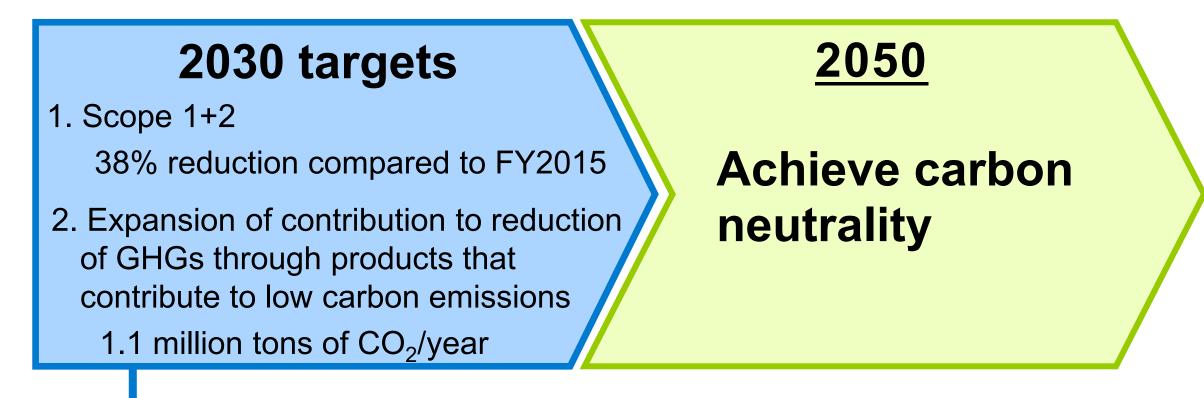
#### SUMITOMO METAL MINING



#### **W** Appendix

## **Contribution to a Carbon-Neutral Society**

#### Roadmap to achieve net zero GHG emissions by 2050



#### 1.Scope 1+2 (own emissions)

- •Energy conservation and increases in efficiency
- •Reconstruction of production processes
- Transition from heavy oil to LNG
- •Switch to renewable energy

#### Scope 3 (value chain)

Assessment of current situation and goal setting: By the end of FY2025

#### Action until FY2030

#### Maximum utilization of available technologies

- Expansion of transition from heavy oil and coal to LNG and woody biomass fuel
- •Electrification of equipment that uses heat
- Expanded introduction of renewable electric power
- •Utilization of carbon credits
- •Expanded use of renewable energy
- •Use of renewable energy certificates

#### 2. Expansion of contribution to reduction of GHGs through products that contribute to low carbon emissions

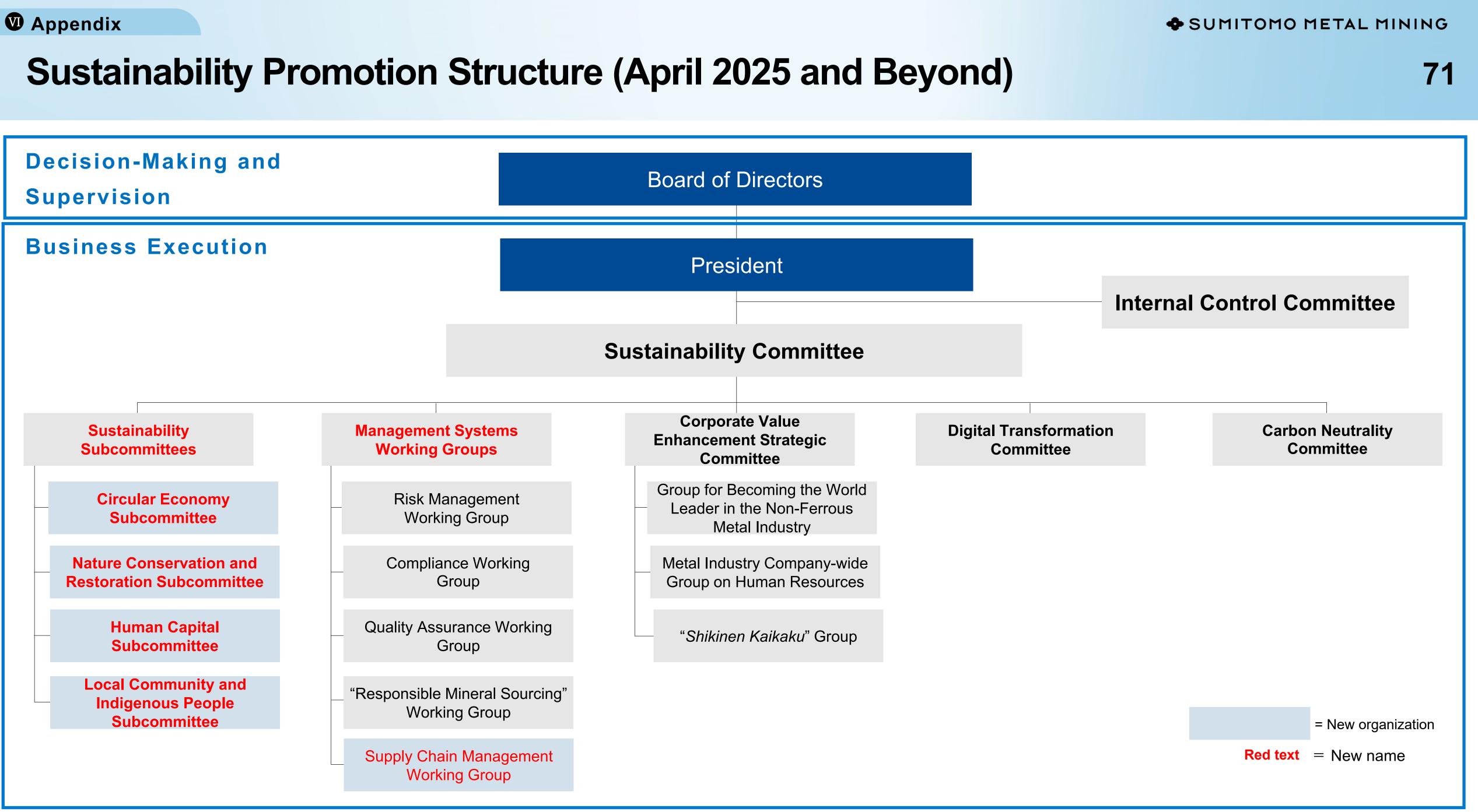
- Development and supply of products that contribute to low carbon emissions
  - •Battery cathode materials (solid-state batteries)
  - •Hydrogen production catalyst materials (Ni powder)
  - Highly advanced materials (functional inks, silicon carbide, etc.)
- 2) Development of low-carbon smelting technologies
  - Hydrogen reduction smelting technology
  - Direct Lithium Extraction technology











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