

NICKEL ASIA CORP. Investor Presentation

09/22/2023

NAC OVERVIEW





OUR INVESTMENT STORY

We are well-positioned to achieve our twin goals of being included in the PSE's Top 25 companies in terms of market capitalization and becoming a Premier ESG investment by 2025:

- 1 Leading, growing, profitable, and rewarding mining business underpinned by structurally supportive industry outlook and green mega-trends such as electric vehicles and renewable energy.
- 2 Growing renewable energy business diversifies NAC's revenue stream and accelerates its next leg of growth.
- 3 ESG is ingrained in our DNA, affirmed by the lasting impact we leave in the communities we touch and the recognition we receive from our sustainable business operations.

NIKL AT A GLANCE

The largest nickel ore producer in the Philippines, accounting for 39% of Philippine and 5% of global production in 2022 and a forerunner in the Philippine RE industry with 1 GW aspiration by 2028.

COMPANY FACTS

7

Mines

436 mWMT*

Total nickel resources as of 2022

*395m WMT is measured and indicated, remaining balance is inferred.

15.625% and 10%

Interest in Coral Bay and Taganito HPAL plants, respectively.

1 GW

Installed renewable energy capacity by 2028 from current 100 MW solar capacity.

PERFORMANCE*

P28B

Revenue

51%

EBITDA Margin

*as of YE 2022

P79.6B

Market capitalization

- 0.5x

NET DEBT / EBITDA

OUR PARTNERS

 **SUMITOMO METAL MINING CO., LTD.**

 **PACIFIC METALS CO., LTD.**

 **Shell**

 **TBEA 特变电工**

SUSTAINABILITY EFFORTS*

7M

Trees planted

1,250

Hectares rehabilitated

*2017-2022

\$422M

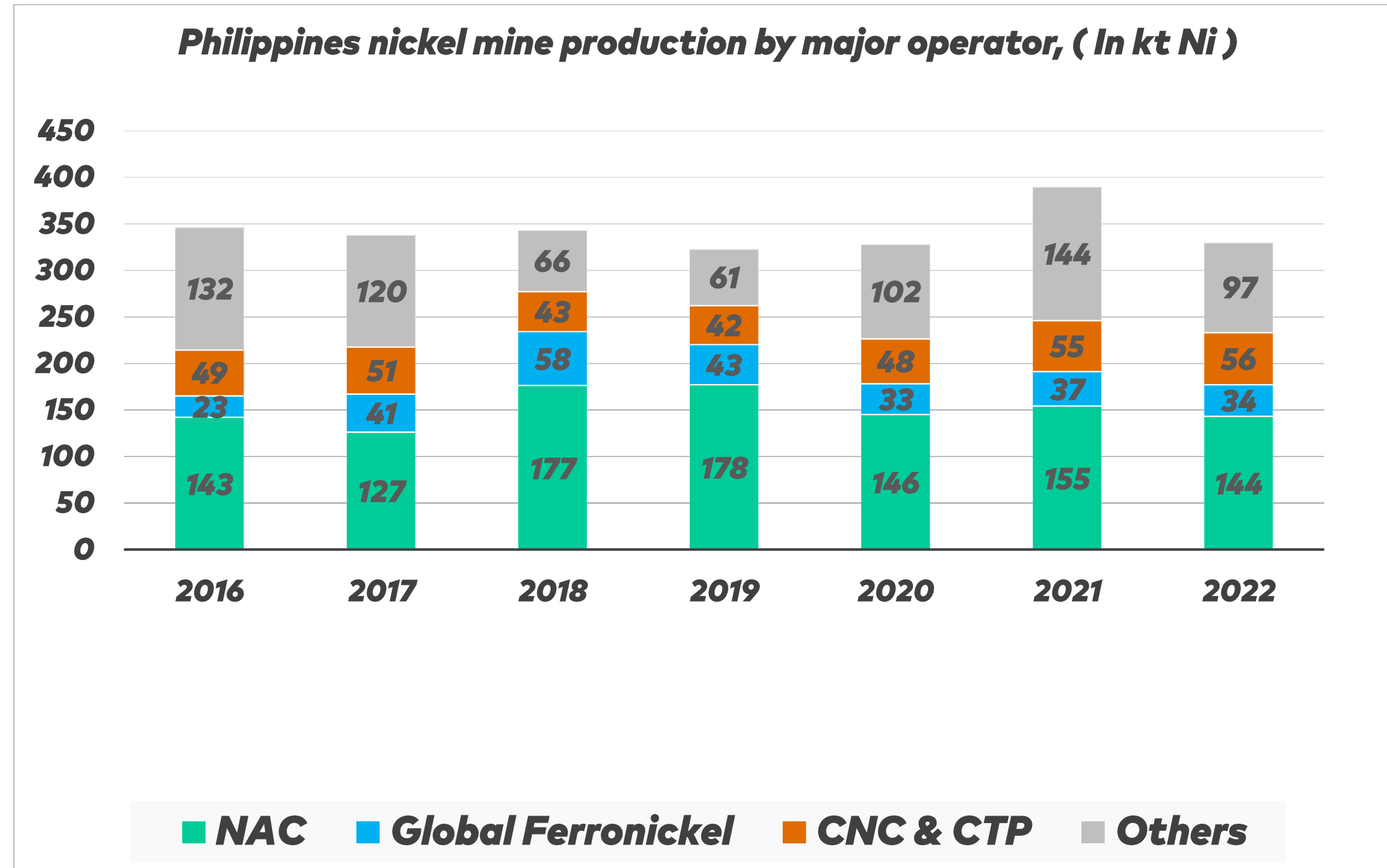
Taxes and royalties paid

\$53M

Expenditures for Environmental Protection

LEADING AND STABLE MINING BUSINESS

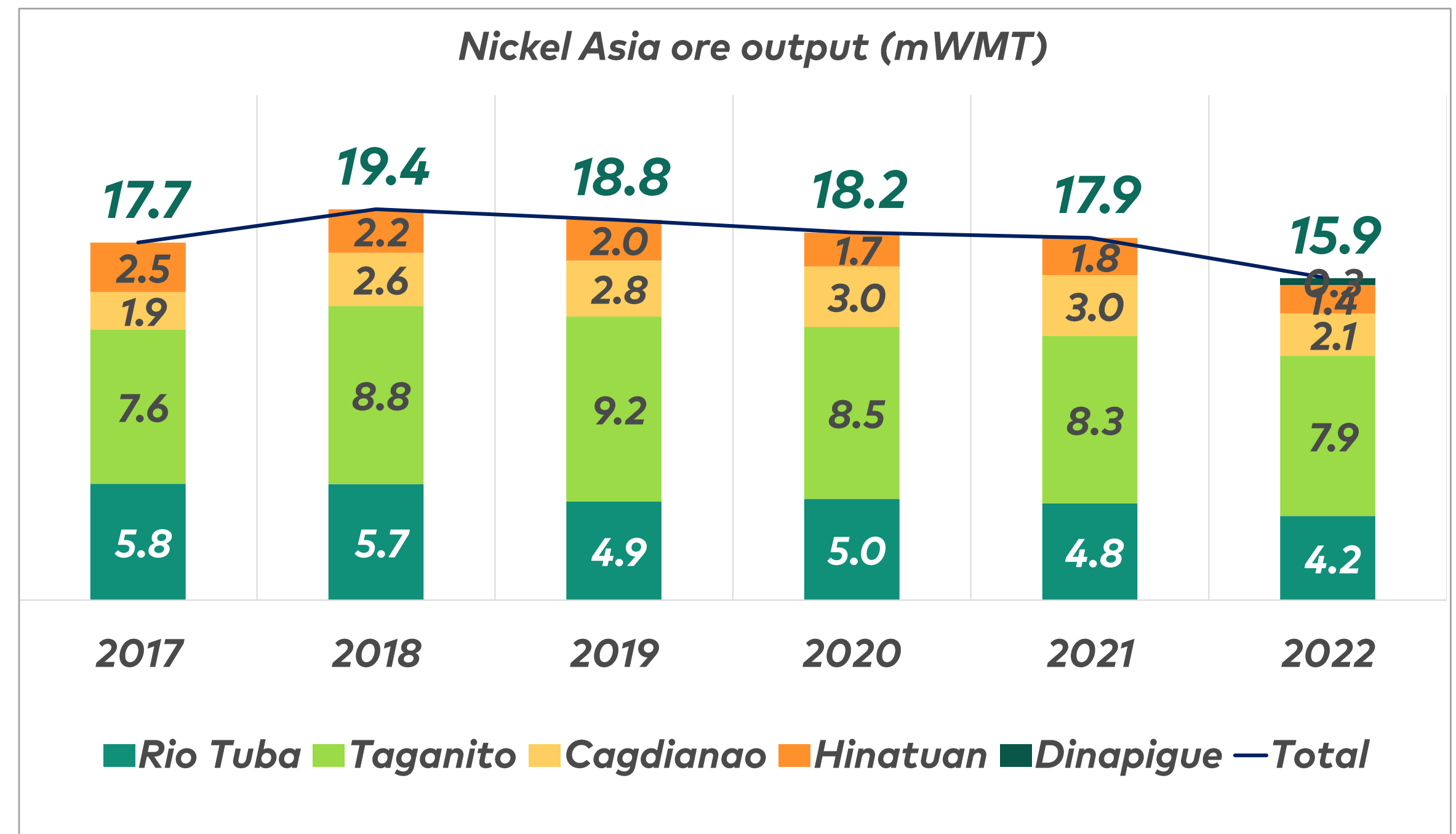
Largest Philippine nickel ore producer



NAC is one of the largest suppliers of lateritic nickel ore globally and the **largest nickel ore producer in the Philippines**.

Source: CRU, Philippines Mines and Geosciences Bureau

Established supplier



Stable long-term nickel ore output due to long remaining mine life of its operating mines and exploration mines, Bulanjao and Manicani, scheduled to commence in 2024.

THE NICKEL CLASS DIVIDE

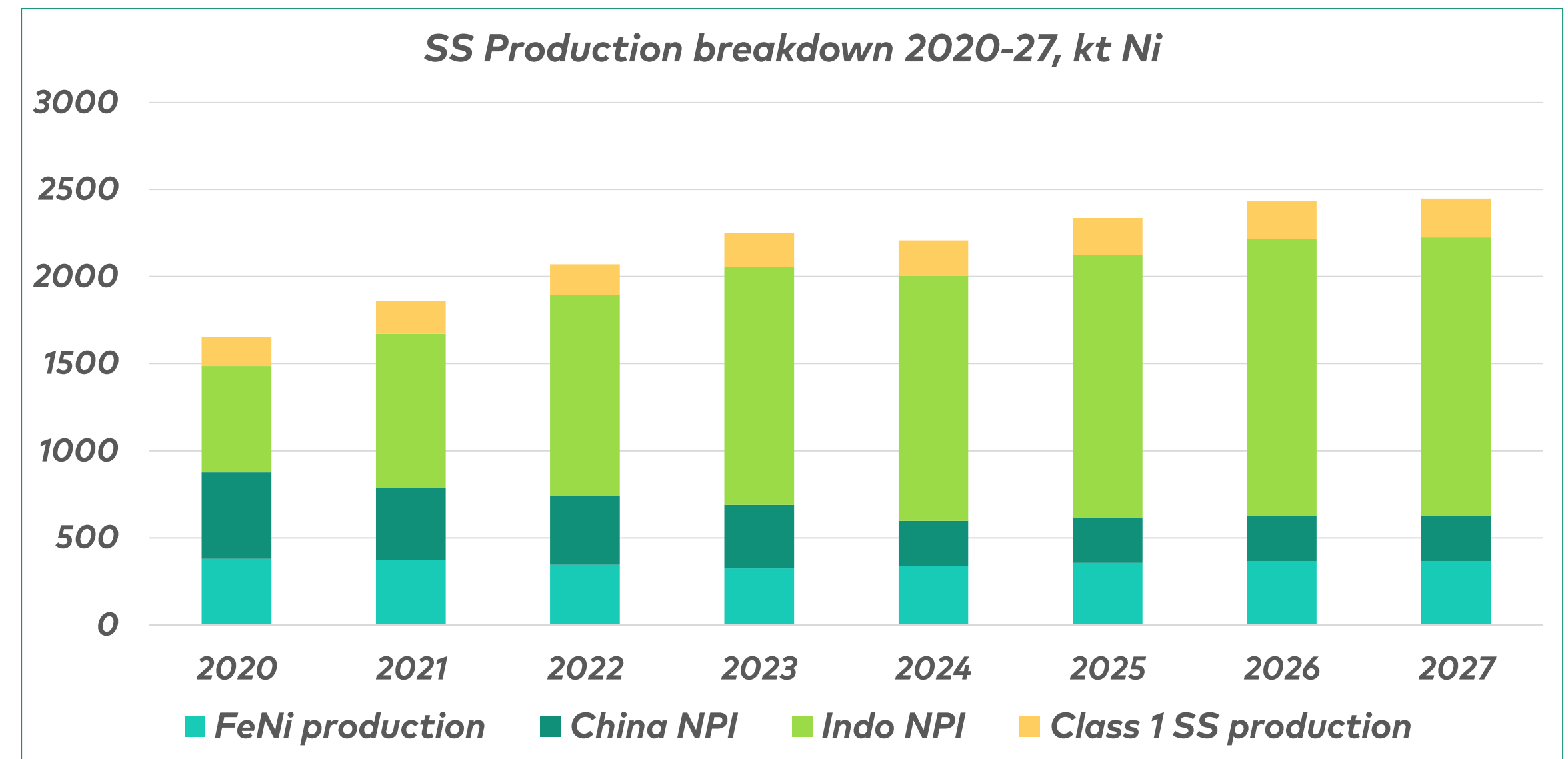
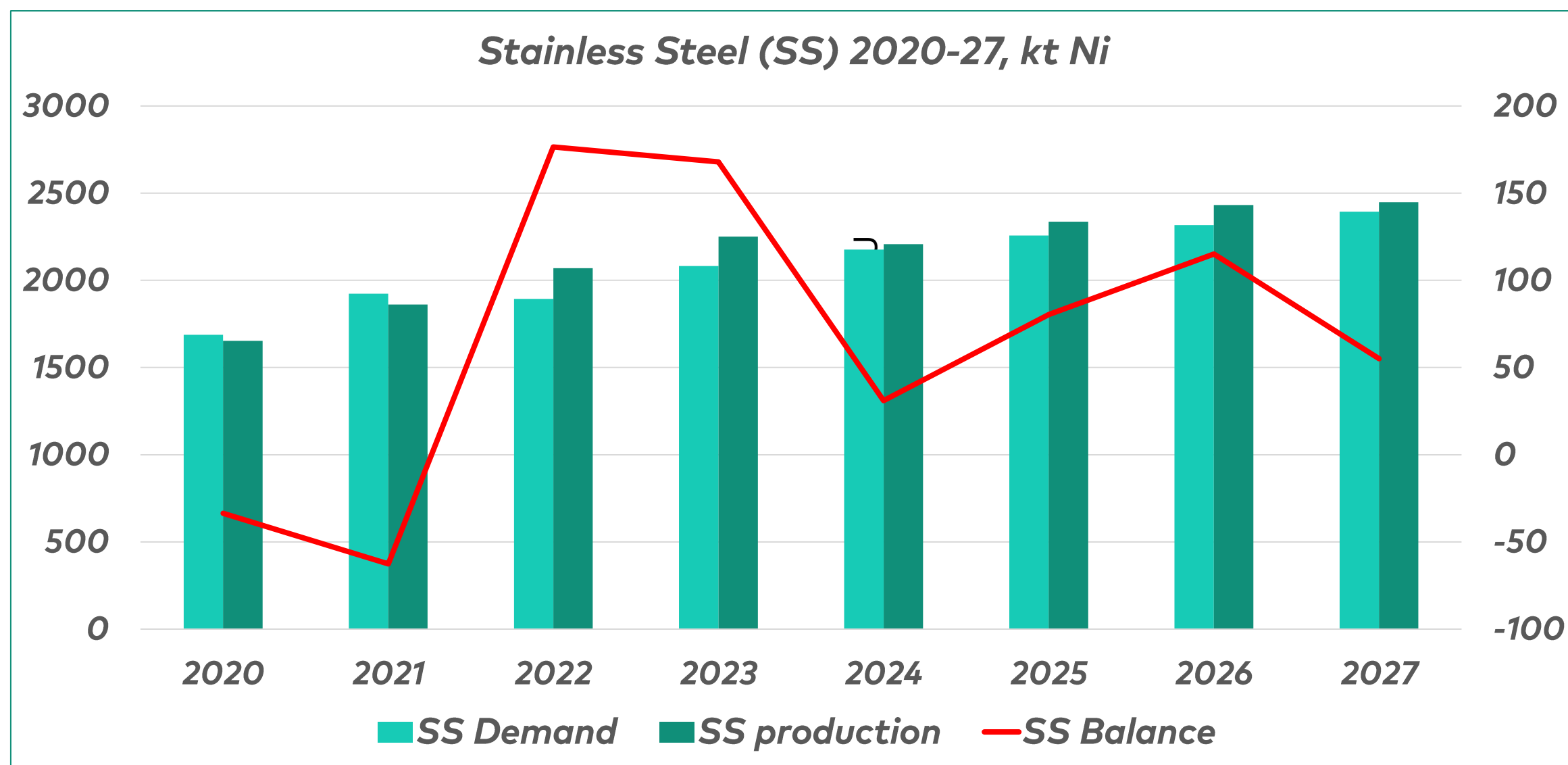
1. CLASS 2 surplus persists.
2. CLASS 1 market is growing, but there are supply chain risks.
3. Nickel deficit is inevitable which implies Ni price upside.

1. CLASS 2 SURPLUS PERSISTS

Stainless steel surplus is due to Indonesia's increased NPI production

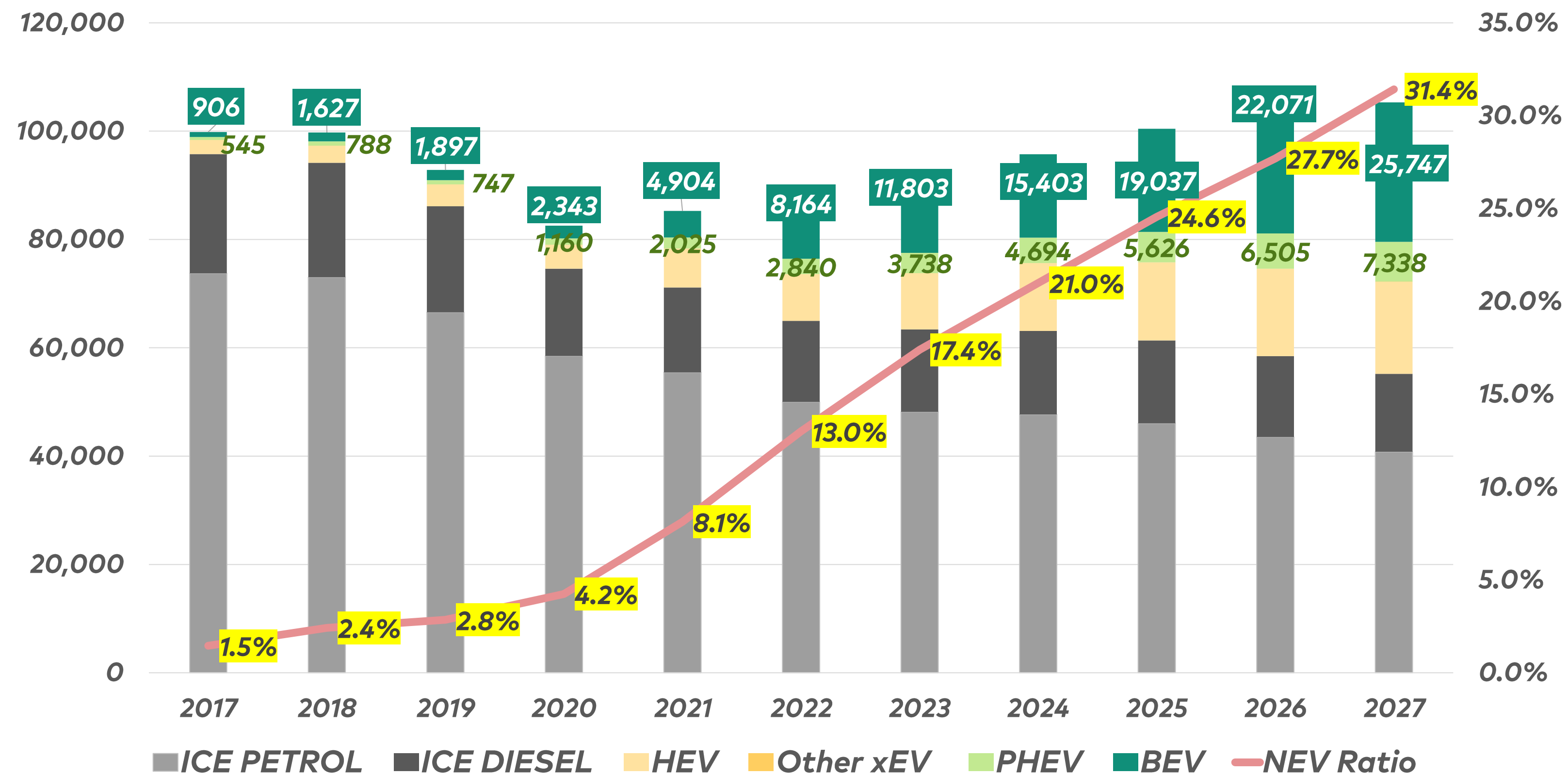
SS will see steady growth and surplus will persist

Indonesia NPI production growth accelerates



2. CLASS 1 NICKEL MARKET IS GROWING: EV MASS ADOPTION IS HAPPENING

Global NEV sales penetration in '000's units and EV share as % of total vehicles



EV mass adoption

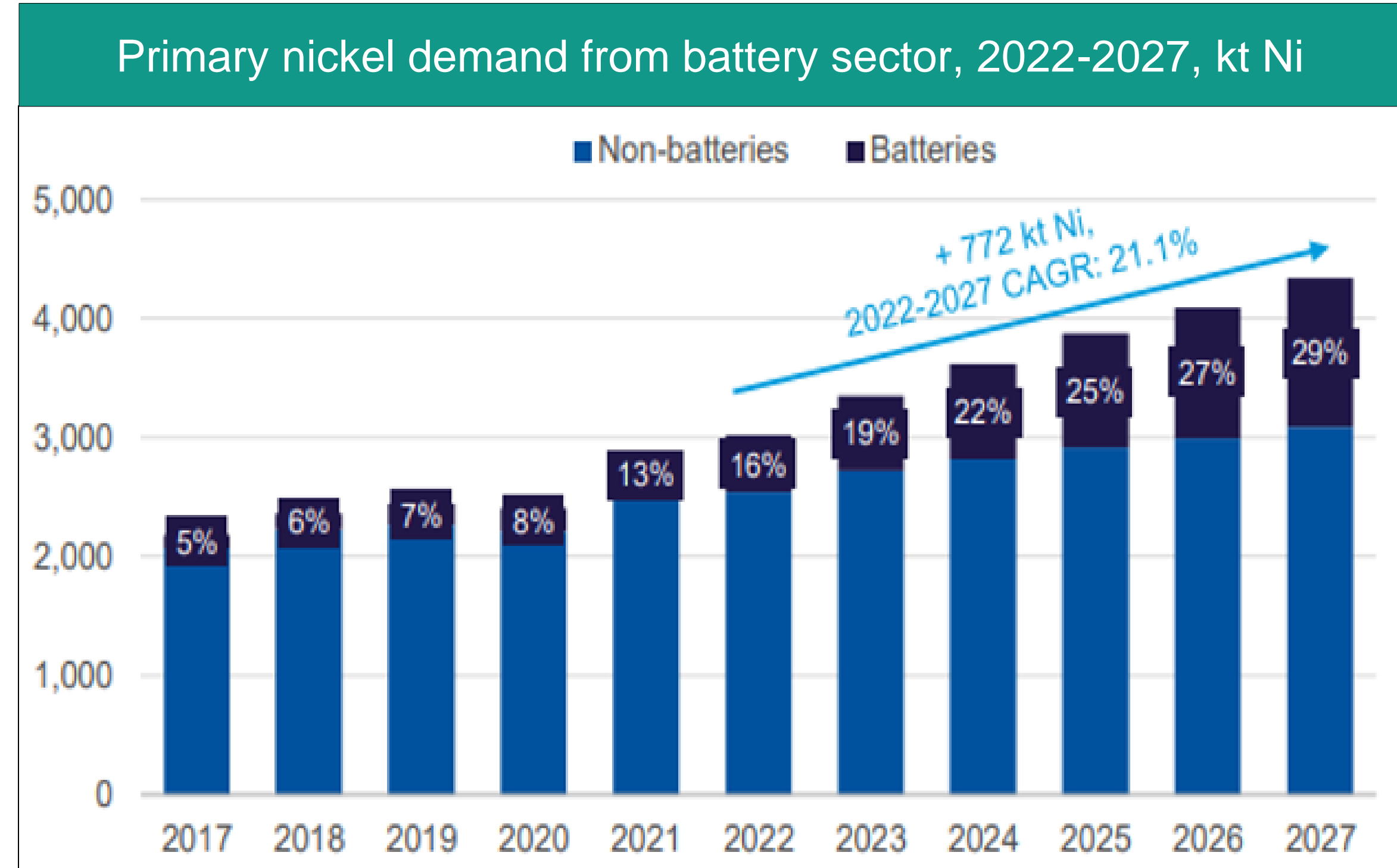
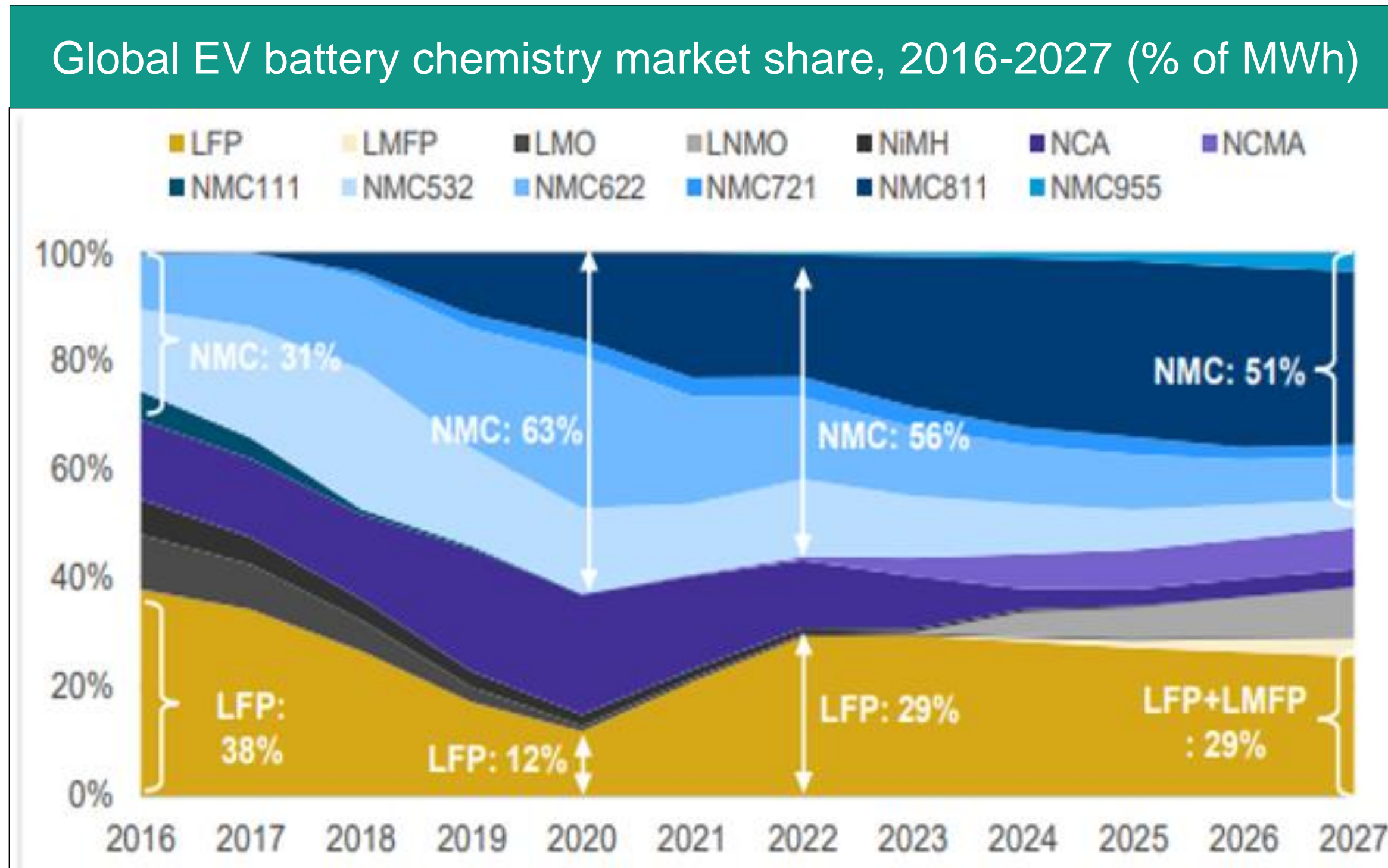
Research indicates NEV sales to reach 33 million units in 2027 for 31% of total global vehicle sales as supportive policies spur the industry.

Source: CRU

2. CLASS 1 NICKEL MARKET IS GROWING: NICKEL IS A KEY BATTERY MATERIAL

By 2027, nickel-containing EV batteries will account for 71% of total EV batteries

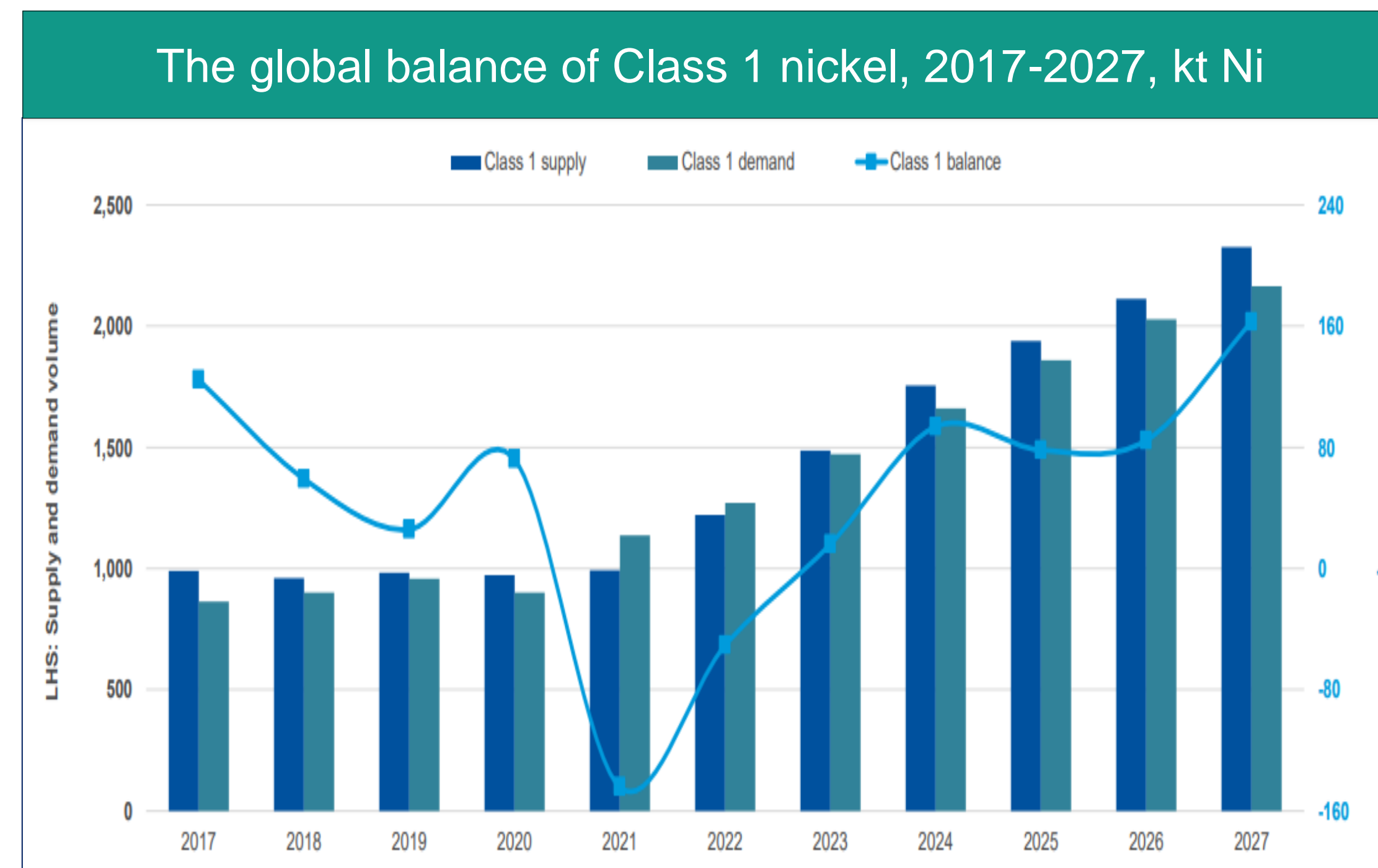
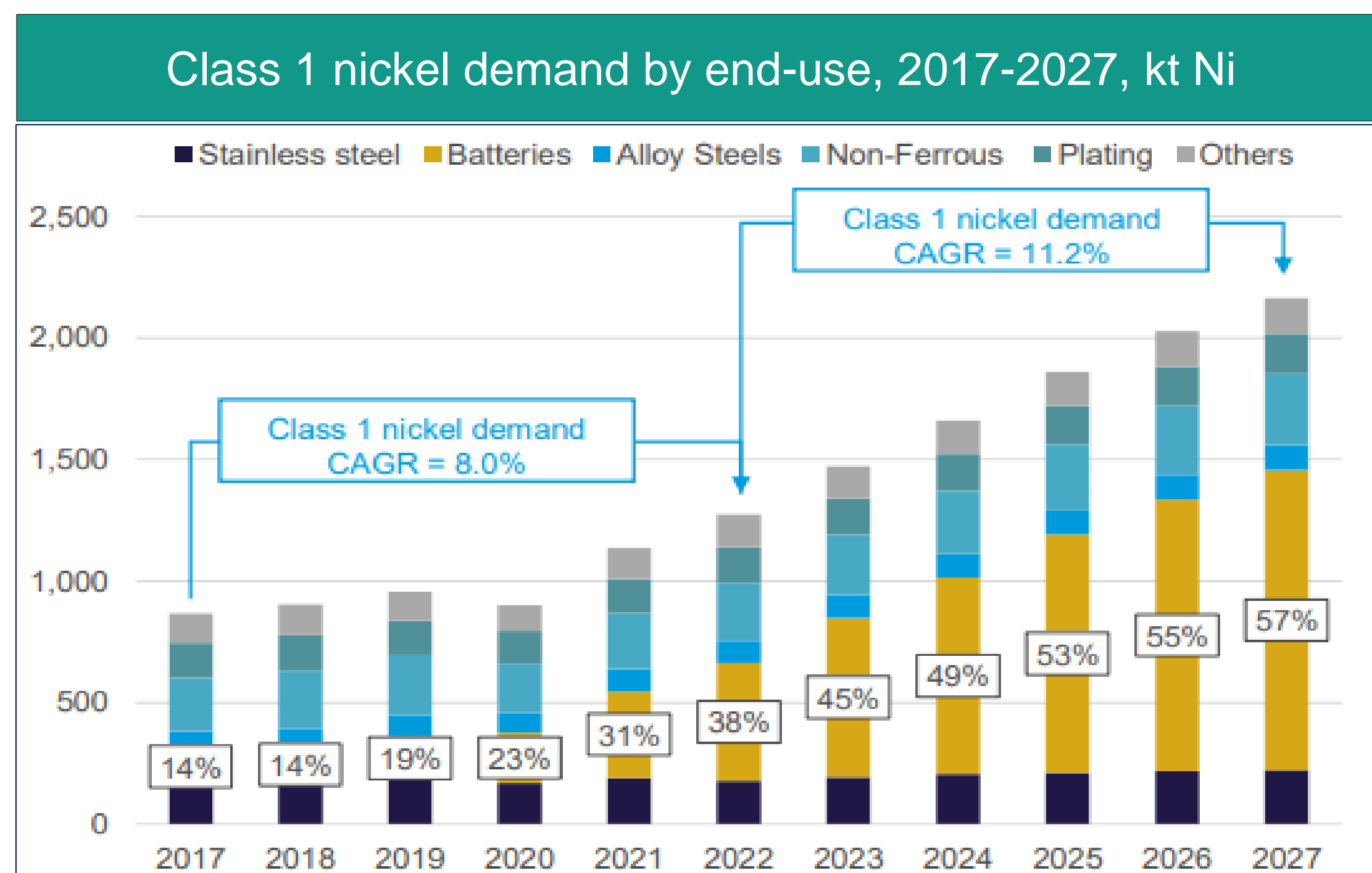
By 2027, battery market will account for 29% of global nickel demand



Source: CRU

2. CLASS 1 NICKEL MARKET IS GROWING NICKEL DEMAND FOR BATTERIES WILL DOUBLE

- Class 1 demand and supply projected to almost double due to EV adoption and Indo HPAL projects.
- Class 1 surplus can provide relief to NiSO4 tightness, caused by battery materials demand.



2. CLASS 1 NICKEL MARKET IS GROWING BUT THERE ARE SUPPLY CHAIN RISKS

Nickel ore supply is limited

Indonesian average mine life is limited relative to mine production forecasts

	<i>Reserves (In kt Ni)</i>
United States	370,000
Australia	21,000,000
Brazil	16,000,000
Canada	2,200,000
China	2,100,000
Indonesia	21,000,000
New Caledonia	7,100,00
Philippines	4,800,000
Russia	7,500,000
Other countries	20,000,000
WORLD TOTAL	> 100,000,000

Source: <https://pubs.usgs.gov/periodicals/mcs2023/mcs2023-nickel.pdf>

Indonesian mine production boost continues due to investments in downstream processing

<i>Mine Production Forecast</i>	<i>Unit</i>	2023	2024	2025	2026	2027
Indonesia	Kt Ni	2,048	2,271	2,503	2,749	2,947
Philippines	Kt Ni	376	343	326	325	325

Source: CRU

Indonesia's 8-year average mine life is limited based on USGS resources data relative to CRU's mine production forecasts. Philippine average mine life is longer at 14 years.

2. CLASS 1 NICKEL MARKET IS GROWING BUT THERE ARE SUPPLY CHAIN RISKS

Dynamic regulatory developments

BBC NEWS INDONESIA
News Indonesia World Viral In-Depth Coverage Magazine

'The country was deceived by naughty businessmen and rulers' - Nickel mining conspirators drag out former Director General of Mineral and Coal

Former Director General of Mineral and Coal at the Ministry of Energy and Mineral Resources, Ridwan Djamaluddin, was named a suspect in the illegal nickel mining case on Wednesday (10/8/2023).

August 11, 2023

Source: <https://www.bbc.com/indonesia/articles/c06elxp0g22o>

How long is the lifespan of Indonesia's nickel reserves?

AUGUST 8, 2023 #INDONESIA #INDONESIA #nickel

The Geological Service of the Ministry of Energy and Mineral Resources (ESDM) estimates that **Indonesia's nickel reserves will be depleted in only 9 years**, especially for high-grade nickel ores (sapolite) of 1.5% and above.

According to the Industry Experts Association (Perhapi), the life of Indonesia's nickel reserves can still be extended if already built processing and refining facilities (smelters) are restructured.

Perhapi Chairman Rizal Kasli said his agency estimated that storage of high-grade nickel ore (humus) could last up to seven years, assuming supply to all pyrometallurgical smelters in Indonesia.

He explained to CNBC on Monday (7/8/2023): "We think that if all the smelters, especially the pyrometallurgical smelters, are built, the current reserves will last about 5-7 years, because if all the smelters are built, Once completed, the total demand for nickel will reach 460 million tons.

1.5% low-grade nickel ore (limonite) can extend the service life of nickel reserves. He estimated that by using HPAL technology, the service life of nickel reserves could be extended to at least 33 years.

Source: <https://yinnilaodu.top/?p=7388>

REUTERS World Business Markets Sustainability Legal Breakingviews

Commodities

Indonesian nickel smelters turn to Philippines for ore as local supply tightens

By Mai Nguyen and Siyi Liu

August 30, 2023 5:38 PM GMT+8 · Updated 15 days ago

Source: Reuters

REUTERS World Business Markets Sustainability Legal Breakingviews Tec

Asia Pacific

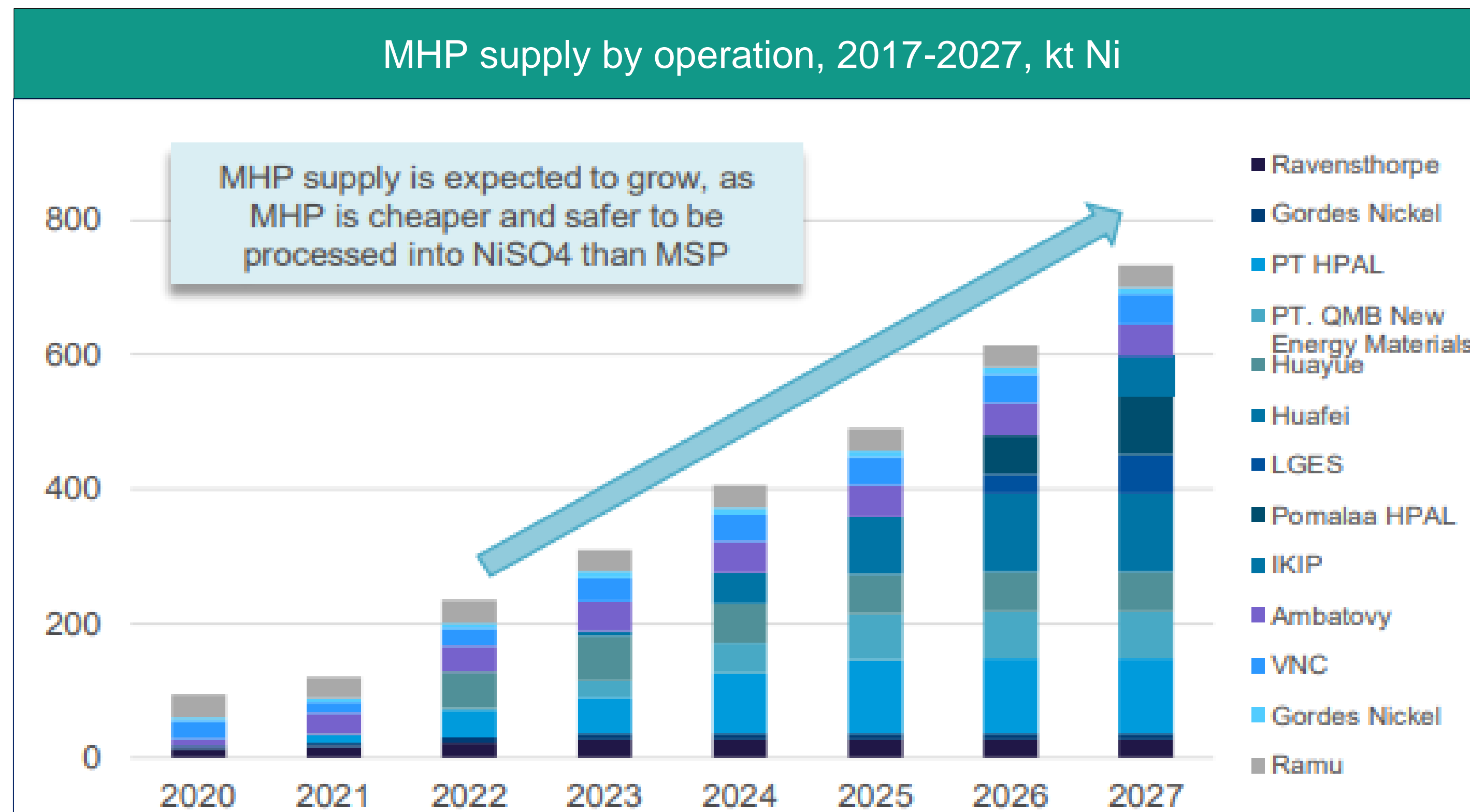
Indonesia arrests former top official accused of aiding illegal mining

Reuters

August 10, 2023 10:21 AM GMT+8 · Updated a month ago

2. CLASS 1 NICKEL MARKET IS GROWING BUT THERE ARE SUPPLY CHAIN RISKS

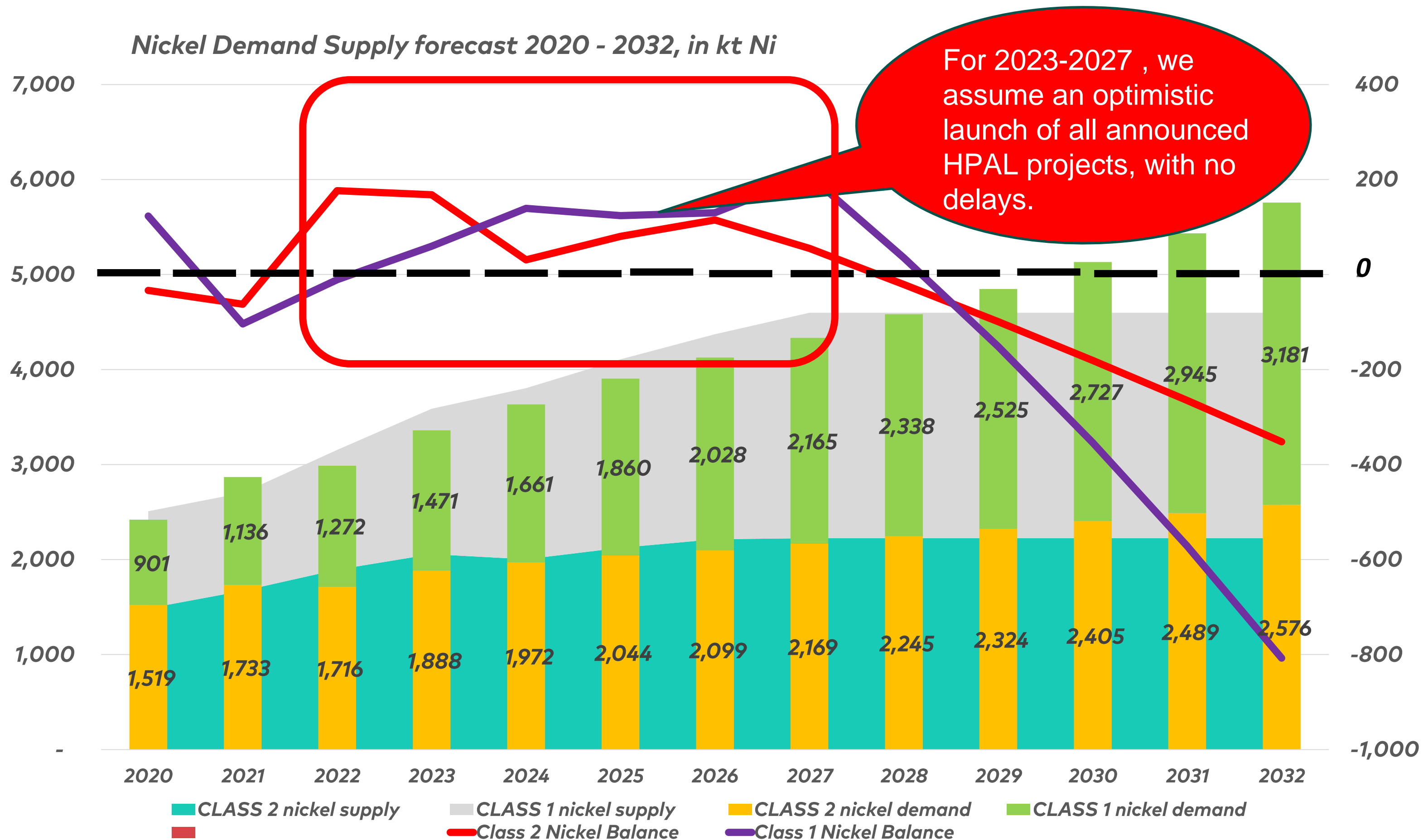
Timeline of HPAL Project Execution



HPAL pipeline is large, but will these projects finish on time and on budget, or operate as expected?

Execution risk is an issue.

3. NICKEL DEFICIT IS INEVITABLE BEYOND 2027 IMPLIED UPSIDE TO NICKEL PRICES



1. Mass adoption of NEVs and increase in nickel demand will continue into the next decade.
2. Nickel supply visibility beyond 2027 is limited considering the availability of ore supply, regulatory challenges, and execution risks of processing projects.

Our view: Upside to nickel prices given the inevitable scarcity of the commodity to fill the demand from stainless steel and NEV sectors.

REGULATORY UPDATES

House Bill No. 8937 was approved on second reading last September 18. This would still go through the Bicameral Committee.

Legislative features	Existing	“Philippine Mining Fiscal Regime Act” or House Bill No . 8937	Comments																						
1. Royalty Rate for operations within mineral reservations <u>of the gross output of minerals extracted</u>	5.00%	4.00%	NAC mines benefit. NAC’s three mine sites, TMC HMC and CMC will benefit from a 1% reduction in royalty.																						
2. Margin-based Royalty rate not exceeding 5% of <u>taxable income (before corporate tax)</u> for operations outside of mineral reservations	None	<table border="0"> <thead> <tr> <th>MARGIN</th> <th>RATE</th> </tr> </thead> <tbody> <tr><td>1% UP TO 10%</td><td>1.00%</td></tr> <tr><td>ABOVE 10% UP TO 20%</td><td>1.50%</td></tr> <tr><td>ABOVE 20% UP TO 30%</td><td>2.00%</td></tr> <tr><td>ABOVE 30% UP TO 40%</td><td>2.50%</td></tr> <tr><td>ABOVE 40% UP TO 50%</td><td>3.00%</td></tr> <tr><td>ABOVE 50% UP TO 60%</td><td>3.50%</td></tr> <tr><td>ABOVE 60% UP TO 70%</td><td>4.00%</td></tr> <tr><td>ABOVE 70%</td><td>5.00%</td></tr> </tbody> </table> <p><i>Source: HB 8937</i></p>	MARGIN	RATE	1% UP TO 10%	1.00%	ABOVE 10% UP TO 20%	1.50%	ABOVE 20% UP TO 30%	2.00%	ABOVE 30% UP TO 40%	2.50%	ABOVE 40% UP TO 50%	3.00%	ABOVE 50% UP TO 60%	3.50%	ABOVE 60% UP TO 70%	4.00%	ABOVE 70%	5.00%	Government benefits. NAC’s two mine sites, RTN and DMC will face additional royalty taxes on their taxable income.				
MARGIN	RATE																								
1% UP TO 10%	1.00%																								
ABOVE 10% UP TO 20%	1.50%																								
ABOVE 20% UP TO 30%	2.00%																								
ABOVE 30% UP TO 40%	2.50%																								
ABOVE 40% UP TO 50%	3.00%																								
ABOVE 50% UP TO 60%	3.50%																								
ABOVE 60% UP TO 70%	4.00%																								
ABOVE 70%	5.00%																								
3. Margin-based windfall profits tax on mining operations <i>(assumption: taxable income margin before tax)</i>		<table border="0"> <thead> <tr> <th>MARGIN</th> <th>RATE</th> </tr> </thead> <tbody> <tr><td>MORE THAN 35% UP TO 40%</td><td>1.00%</td></tr> <tr><td>MORE THAN 40% TO 45%</td><td>2.00%</td></tr> <tr><td>MORE THAN 45% TO 50%</td><td>3.00%</td></tr> <tr><td>MORE THAN 50% TO 55%</td><td>4.00%</td></tr> <tr><td>MORE THAN 55% TO 60%</td><td>5.00%</td></tr> <tr><td>MORE THAN 60% TO 65%</td><td>6.00%</td></tr> <tr><td>MORE THAN 65% TO 70%</td><td>7.00%</td></tr> <tr><td>MORE THAN 70% TO 75%</td><td>8.00%</td></tr> <tr><td>MORE THAN 75% TO 80%</td><td>9.00%</td></tr> <tr><td>MORE THAN 80%</td><td>10.00%</td></tr> </tbody> </table> <p><i>Source: HB 8937</i></p>	MARGIN	RATE	MORE THAN 35% UP TO 40%	1.00%	MORE THAN 40% TO 45%	2.00%	MORE THAN 45% TO 50%	3.00%	MORE THAN 50% TO 55%	4.00%	MORE THAN 55% TO 60%	5.00%	MORE THAN 60% TO 65%	6.00%	MORE THAN 65% TO 70%	7.00%	MORE THAN 70% TO 75%	8.00%	MORE THAN 75% TO 80%	9.00%	MORE THAN 80%	10.00%	Government benefits. All of NAC’s mine sites will face the new windfall tax scheme.
MARGIN	RATE																								
MORE THAN 35% UP TO 40%	1.00%																								
MORE THAN 40% TO 45%	2.00%																								
MORE THAN 45% TO 50%	3.00%																								
MORE THAN 50% TO 55%	4.00%																								
MORE THAN 55% TO 60%	5.00%																								
MORE THAN 60% TO 65%	6.00%																								
MORE THAN 65% TO 70%	7.00%																								
MORE THAN 70% TO 75%	8.00%																								
MORE THAN 75% TO 80%	9.00%																								
MORE THAN 80%	10.00%																								

DEVELOPMENT PIPELINE



MINING DEVELOPMENT PIPELINE

	BULANJAO	MANICANI
Resources as of 12/31/2022	70M WMT @1.61% Ni	47M WMT @1.55% Ni
Percent of MPSA Area Drilled	22% of 3,553 hectares	38% of 1,165 hectares
Target Annual Production	4M+ WMT	2M+ WMT
Target Annual Product Mix	35% Saprolite 65% Limonite	50% Saprolite 50% Limonite
Pending Issues	Regulatory	Regulatory
Target Start Date	2024	2024

PUJADA PROJECT DISCLOSURE – 17 FEB 2023

NAC or its wholly-owned subsidiary is the exclusive mining service contractor for Hallmark Mining Corporation and Austral-Asia Link Mining Corp's MPSA's (Mineral Production Sharing Agreement)

- Conduct feasibility study to establish HPAL or equivalent mineral processing plant

Mining Asset 1: Hallmark's MPSA spans 4,999.71 hectares located in Mati and San Isidro, Davao Oriental

Mining Asset 2: Austral-Asia's MPSA spans 5,000 hectares located in Mati and Gov. Generoso, Davao Oriental

FINANCIAL HIGHLIGHTS



NIKL AND EPI 1H2023 HIGHLIGHTS

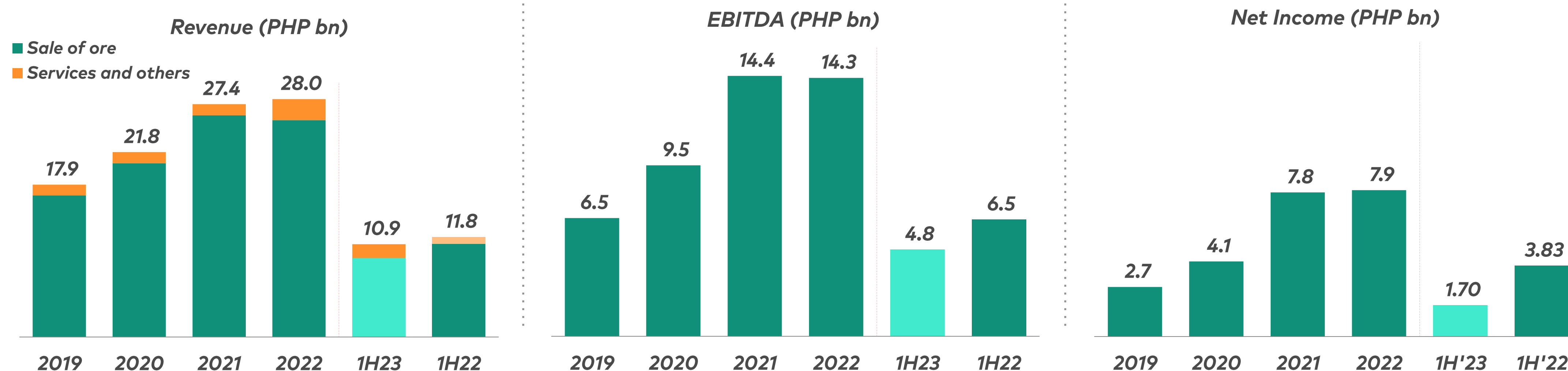
NICKEL MINING

- Revenues decreased by 8% YoY to P10.9 billion due to lower nickel ore prices which weighed down the positive impact from higher shipment (+17% more exports) and favourable FX rates.
- The lower nickel ore prices in the 2nd quarter are due to the oversupply of Class 2 nickel from Indonesia and the weaker than expected Chinese stainless-steel demand. The narrowing deficit in Class 1 nickel world supply has also impacted Nickel LME prices.
- Consolidated EBITDA totaled P4.79 billion, down 25.7% YoY.
- Reported attributable net income is P1.7 billion, down 56% YoY due to lower ore prices in 2Q-23 impacting both ore revenues and the profitability of our investments in the HPAL plants.
- Excluding the company's equity interest in the two HPAL projects, attributable net-income (net of minority interest) declined by 33% to P1.8 billion YoY due to lower nickel ore prices. The losses incurred by the HPAL plants were due to lower YoY nickel and cobalt prices and maintenance costs related to plant maintenance.
- HPAL operations registered loss of P77M due to lower nickel and cobalt prices, as well as additional repairs and maintenance costs incurred.

RENEWABLE ENERGY (EMERGING POWER INC.)

- Jobin-SQM Inc. (JSI) now operating a total capacity of 100-MW from 62 MW YoY; generation up 54% YoY to 76,375-megawatt hours.
- JSI's 1H-23 Revenues up 81% YoY to P390.6 million.
- JSI's EBITDA up 86% YoY to P330.8 million; net income up 19% YoY to P56.45 million.
- JSI's additional 72 MW in Subic site on track to commercially operate by 4Q2023.
- 145-MW plant pre-development activities underway with EPI's other long-term lease agreement with the Subic Bay Metropolitan Authority (SBMA), with construction expected to begin in early 2024.
- Leyte Phase 1 - 120 MW project under Greenlight Renewables (JV with Shell) to start construction in 3Q2023.
- Ongoing discharge testing for 2 MW pilot of Biliran Geothermal. Finalizing development of 10-20 MW, with the goal of achieving 50 MW.

FINANCIAL HIGHLIGHTS (1H'23 VS 1H'22)



		2019	2020	2021	2022	1H2023	1H2022
EBITDA margin		36%	43%	53%	51%	44%	55%
Net income margin		21%	26%	39%	38%	26%	45%
Ave. Ni LME price per pound (US\$)		6.32	6.25	8.39	11.21	10.70	12.54
Average price in US\$/WMT	Ore Exports	23.52	33.99	40.40	39.39	28.22	42.24
	HPAL Deliveries	8.19	8.33	12.03	18.72	16.72	20.55
Effective Ni Pay factor¹	Ore Exports	16.94%	25.18%	24.11%	18.02%	14.16%	17.14%
	HPAL Deliveries	8.21%	8.33%	8.81%	9.63%	10.1%	9.63%
Dividend Yield²		2.4%	10.8%	8.2%	7.2%	N/A	N/A
Cash dividend payout ratio of PY earnings		32%	152%	151%	79%	N/A	N/A

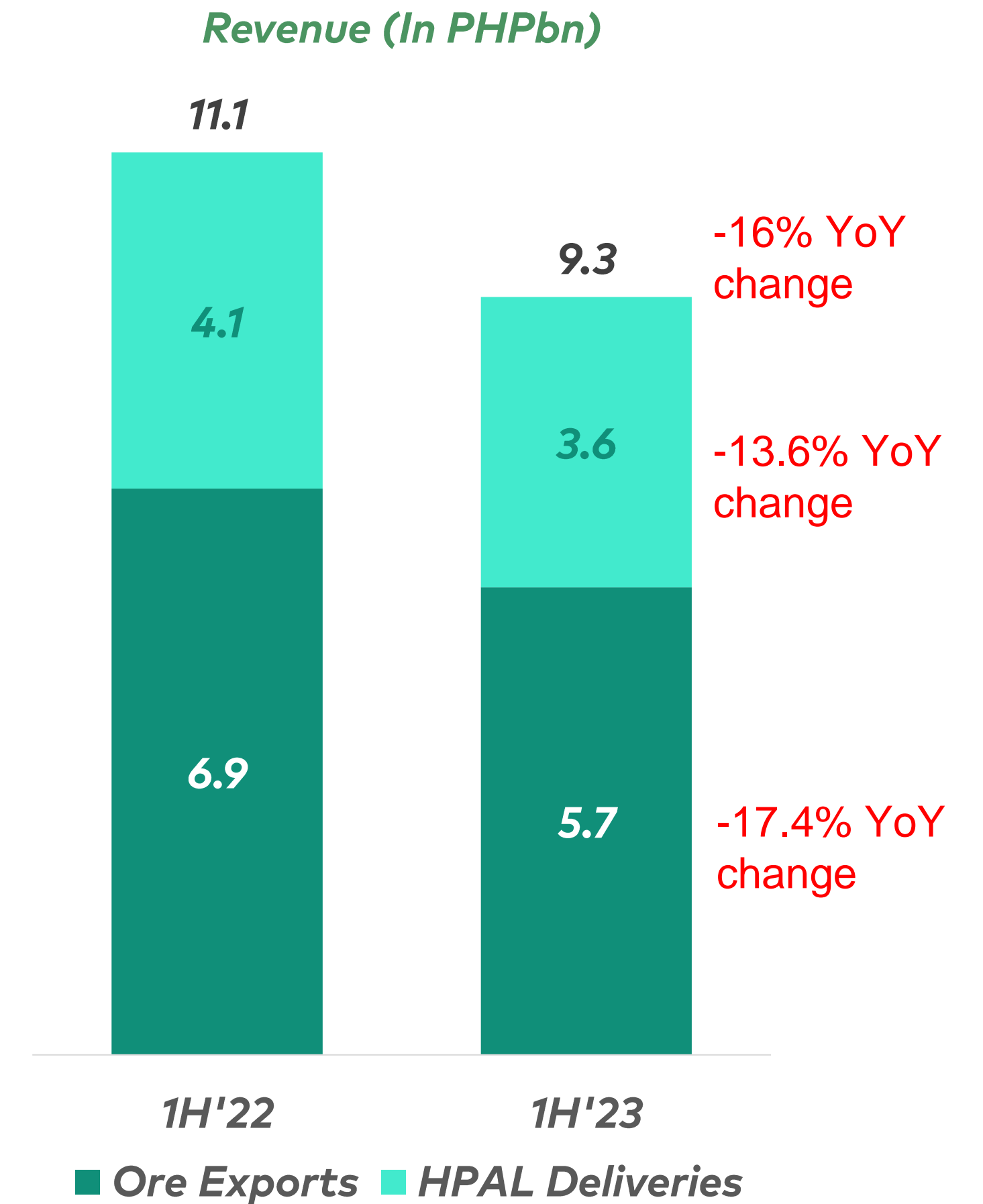
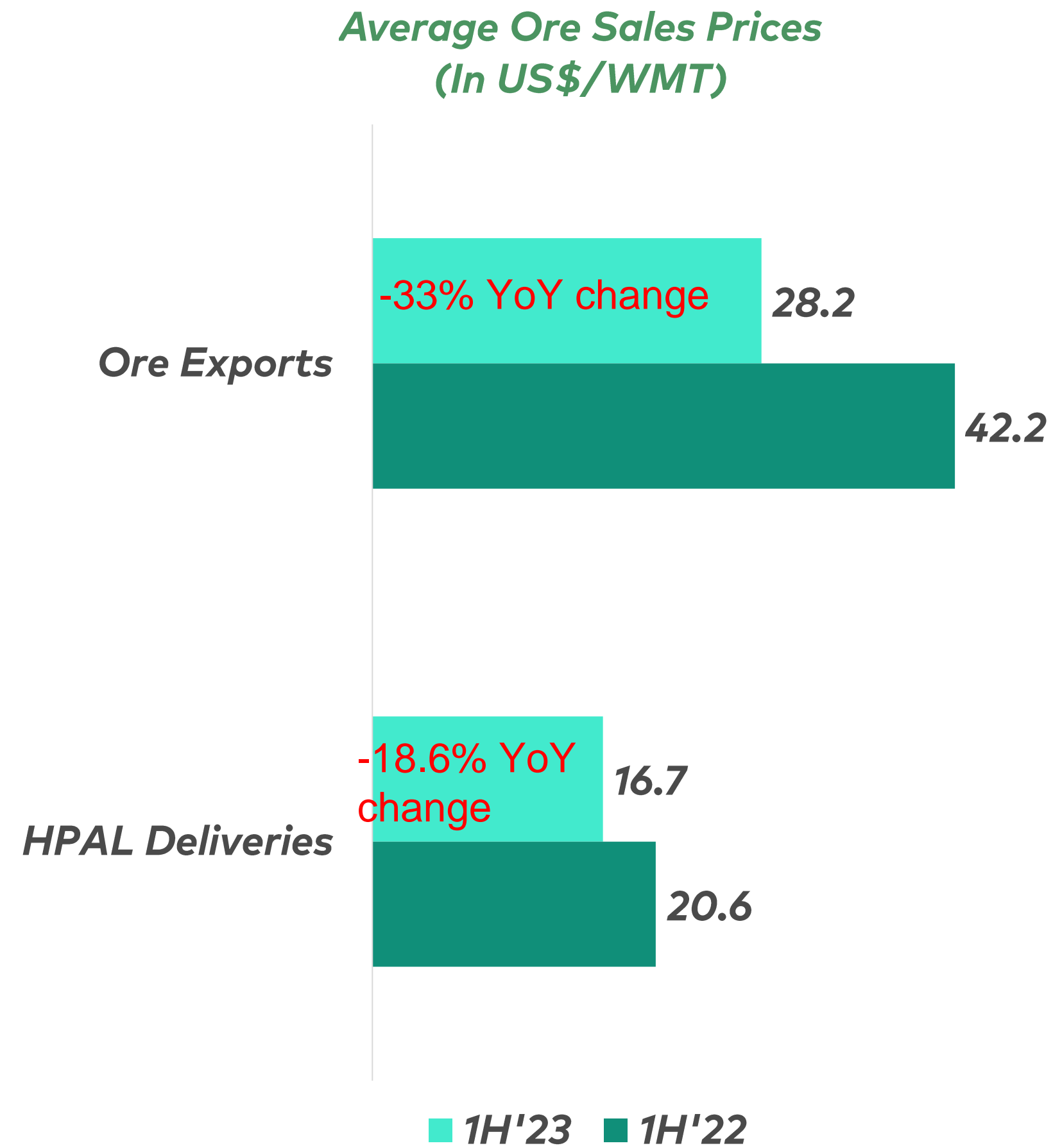
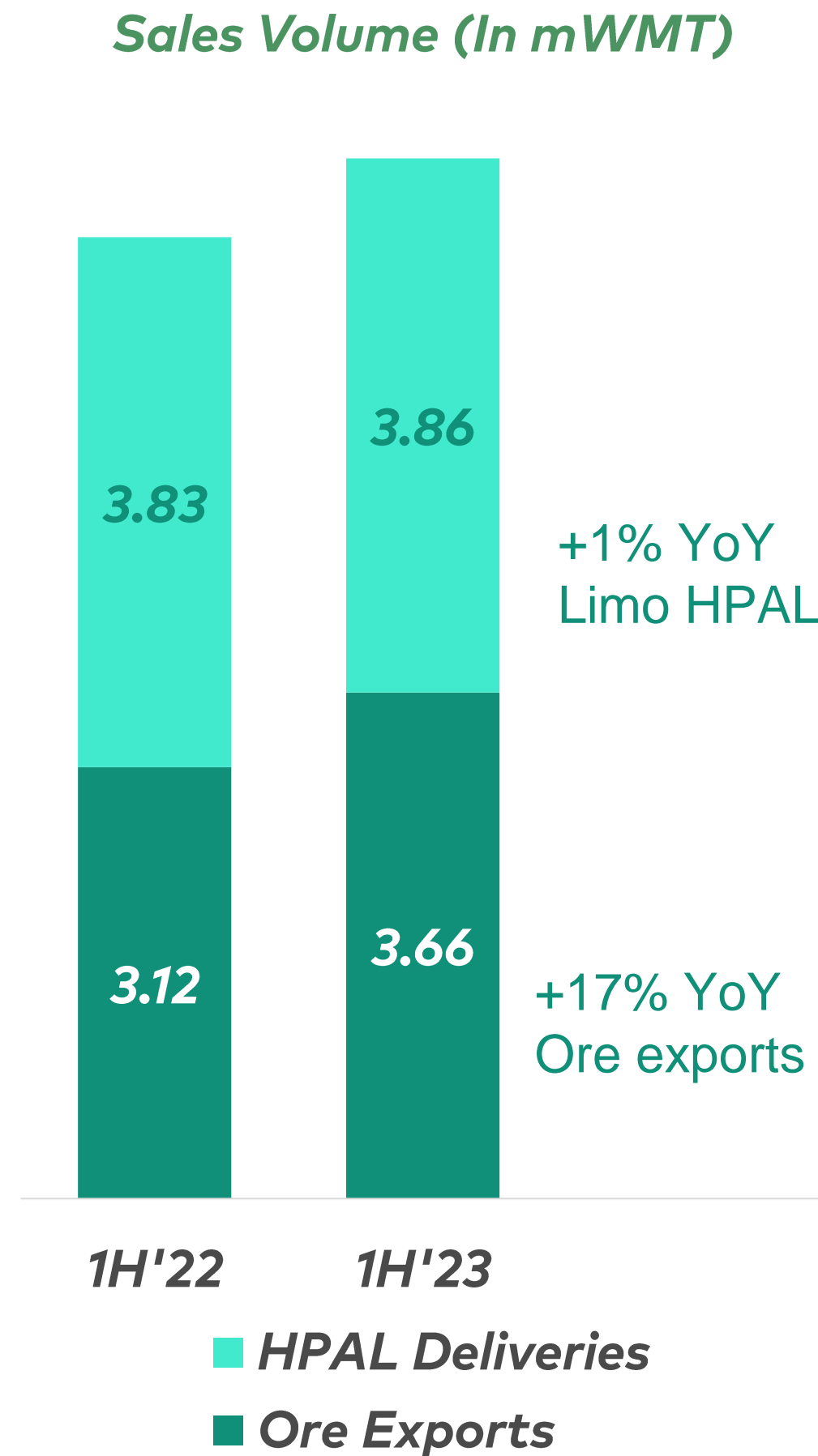
Source: Company Data

Ni Pay factor is the ratio of revenue to LME price for each unit of contained nickel sold.

Dividend yield is computed as dividend per share divided by average NIKL price per share

SHIPMENTS AND REVENUES BY ORE TYPE

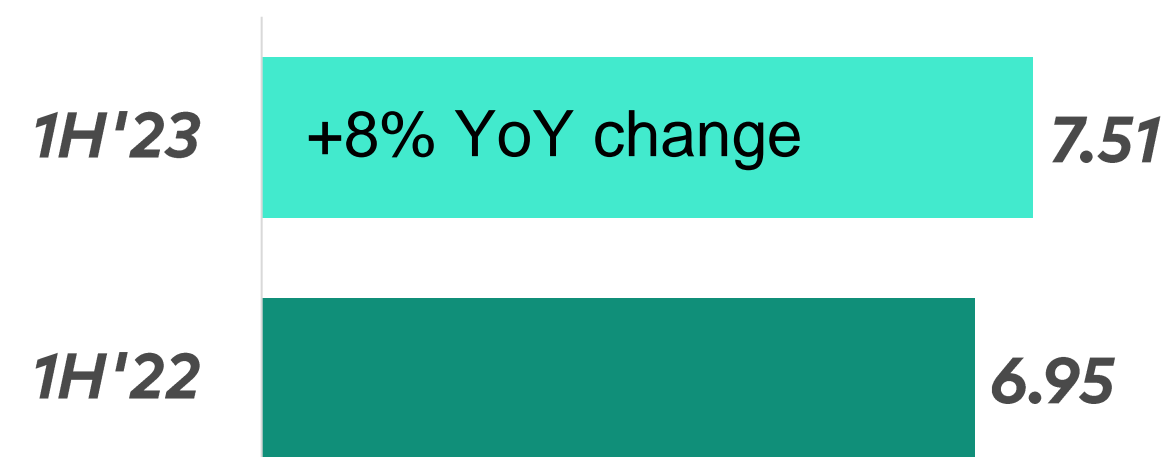
FULL-YEAR COMPARISON



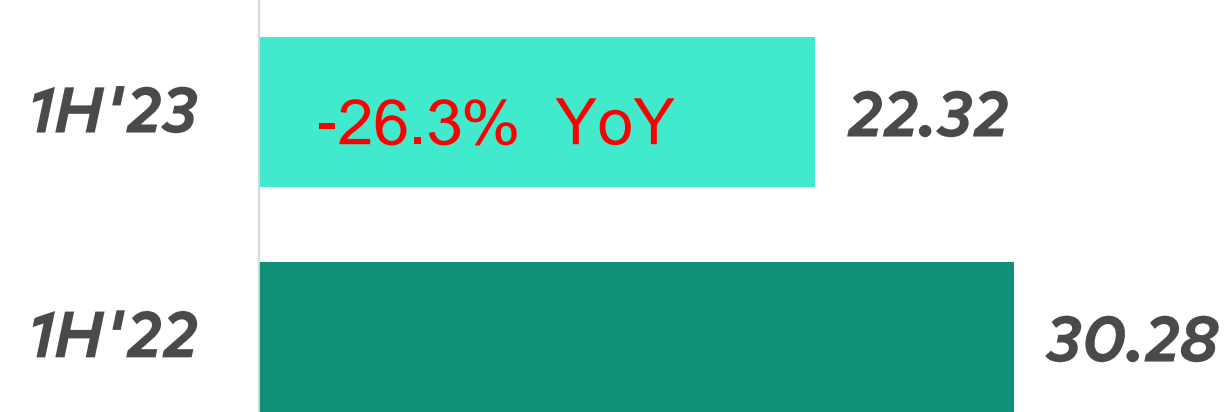
REVENUE – VARIANCE ANALYSIS

FULL-YEAR COMPARISON

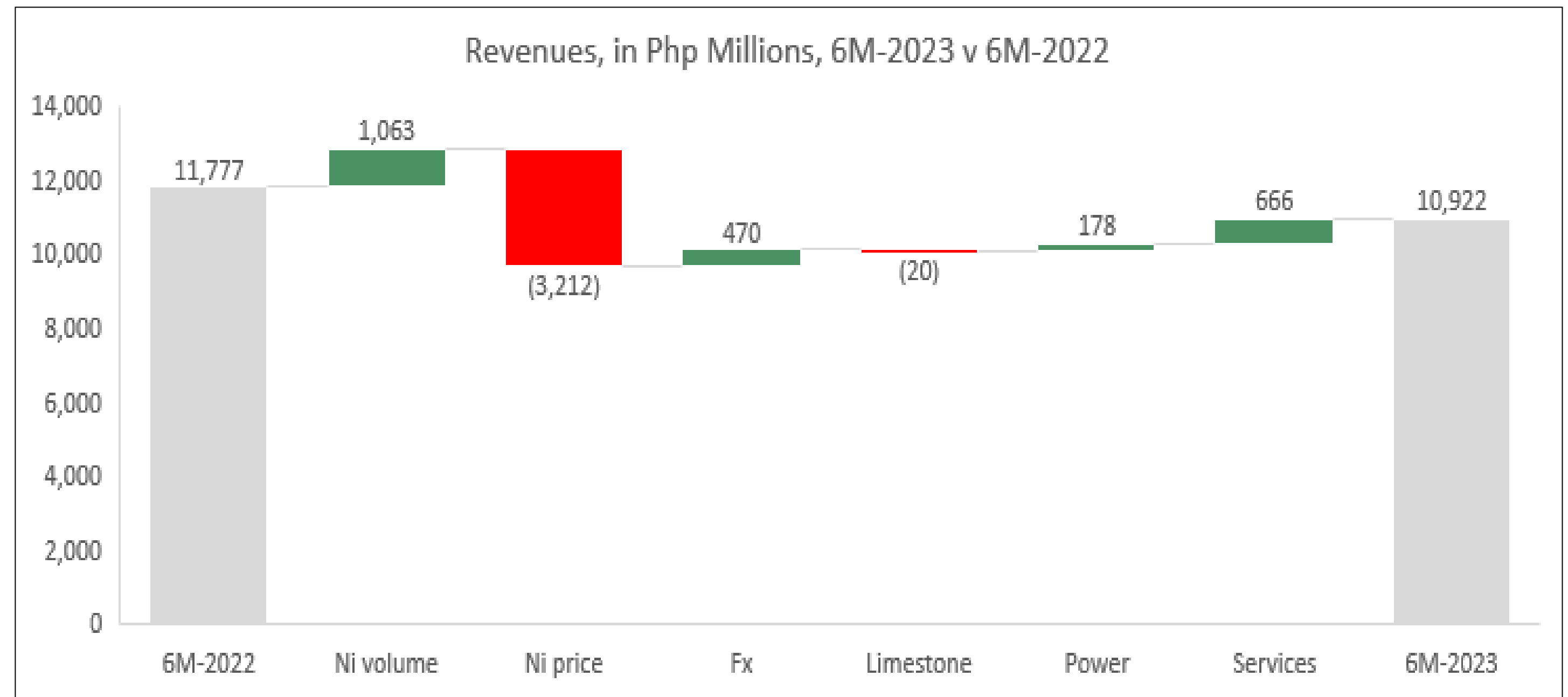
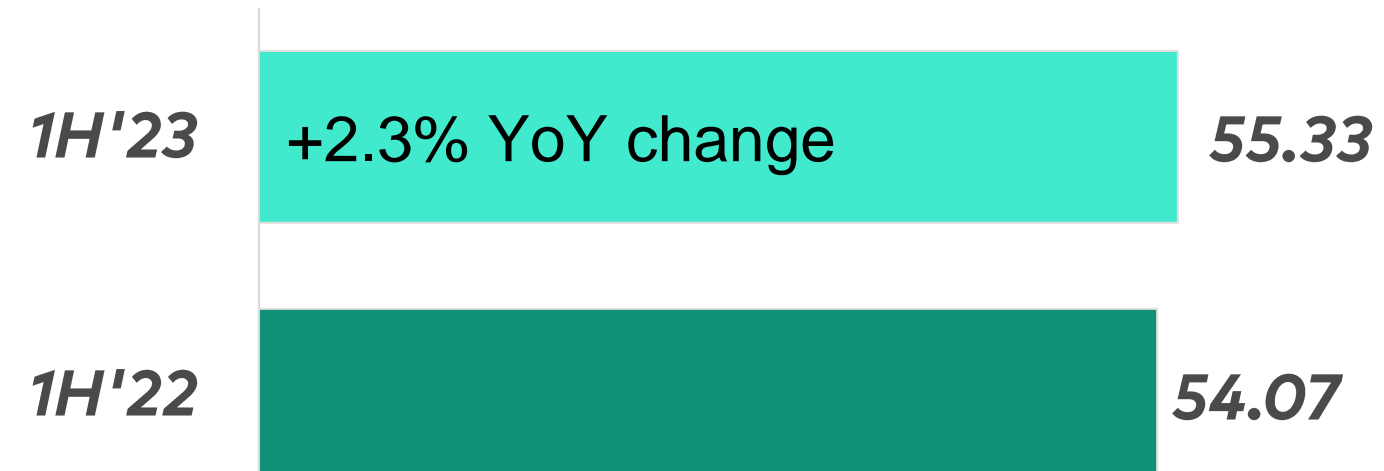
Sales Volume (mWMT)



Sales Price (mWMT)



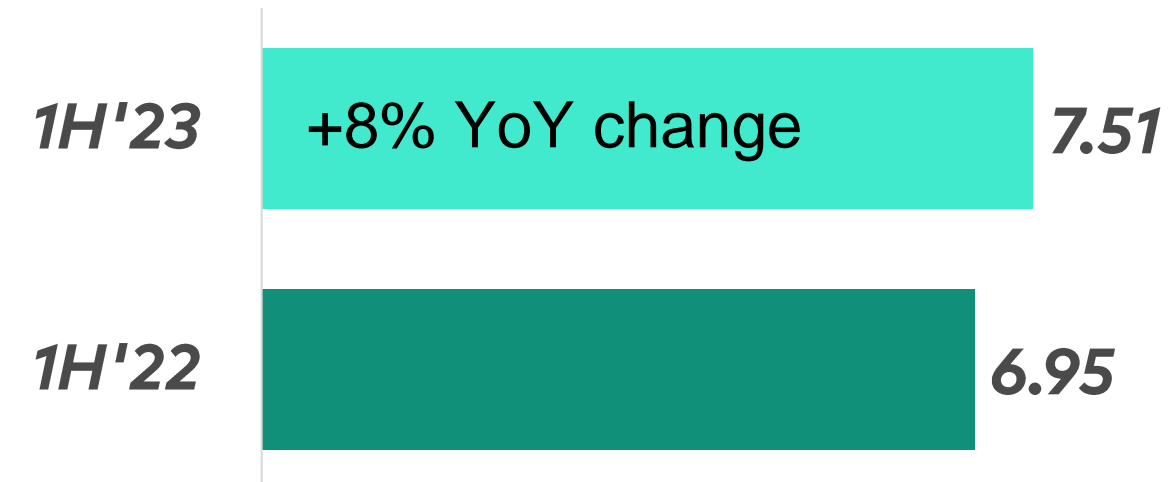
FX Rate (PHP/USD)



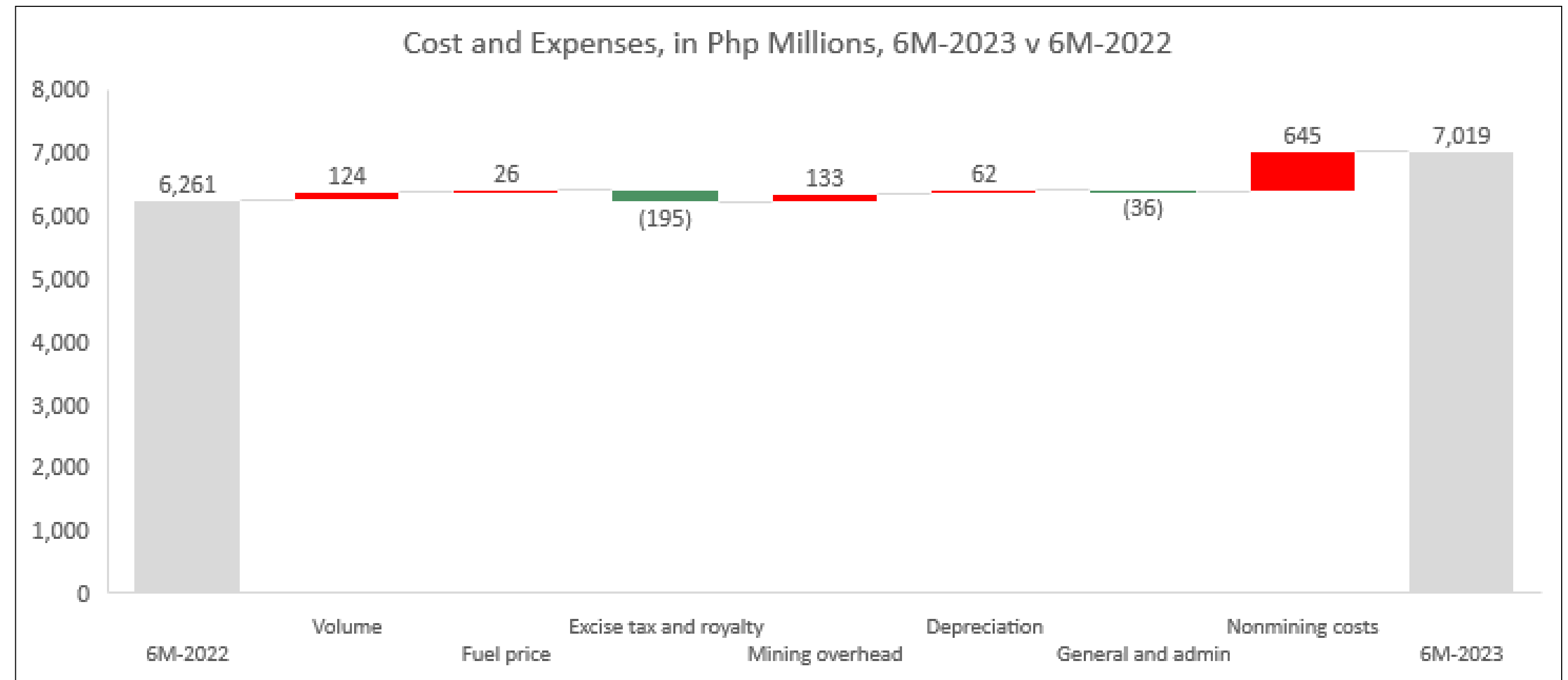
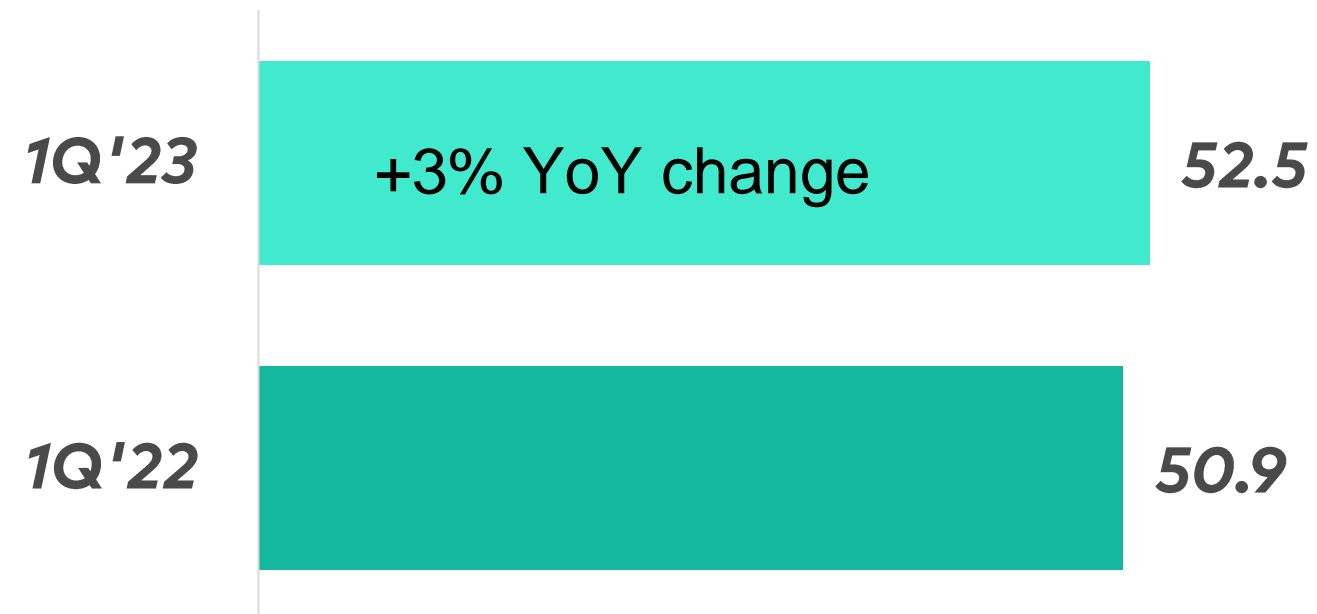
COST & EXPENSES – VARIANCE ANALYSIS

FULL-YEAR COMPARISON

Sales Volume (mWMT)

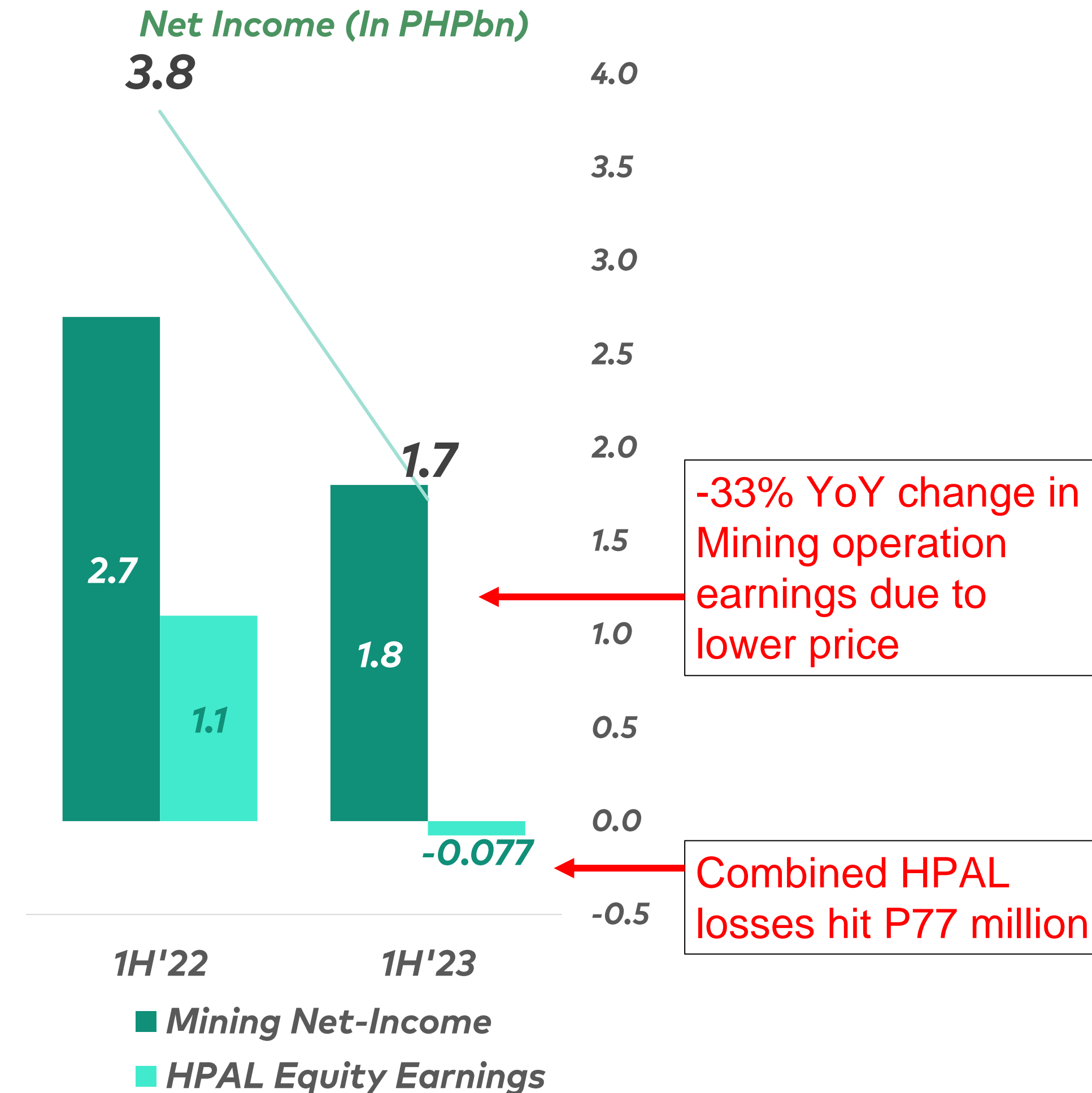


Fuel Prices (P/liter)



NET INCOME – VARIANCE ANALYSIS

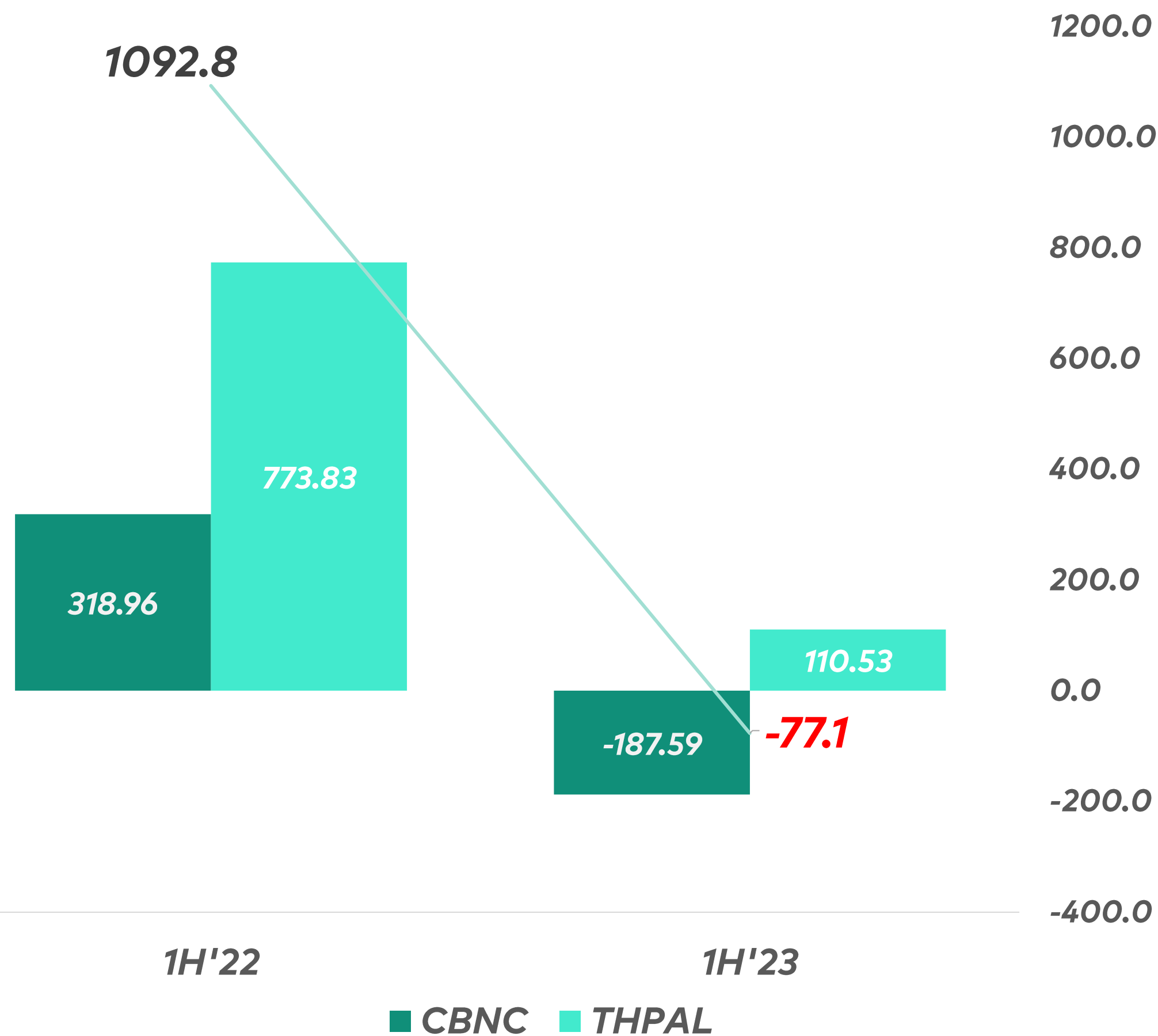
FIRST SEMESTER COMPARISON



- Reported attributable net income at P1.7 billion, down 56% YoY due to lower ore prices in 2Q-23 impacting both ore revenues and the profitability of our investments in the HPAL plants.
- Excluding the company's equity interest in the two HPAL projects, attributable net-income (net of minority interest) declined by 33% to P1.8 billion YoY due to lower nickel ore prices. Losses incurred by the HPAL plants were likewise due to lower YoY nickel and cobalt prices.
- HPAL operations registered loss of P77M due to lower nickel and cobalt prices, as well as additional repairs and maintenance costs incurred.

INVESTMENT IN HPAL EQUITY EARNINGS

Equity Earnings, in PHP Millions (1H-23 comparison)

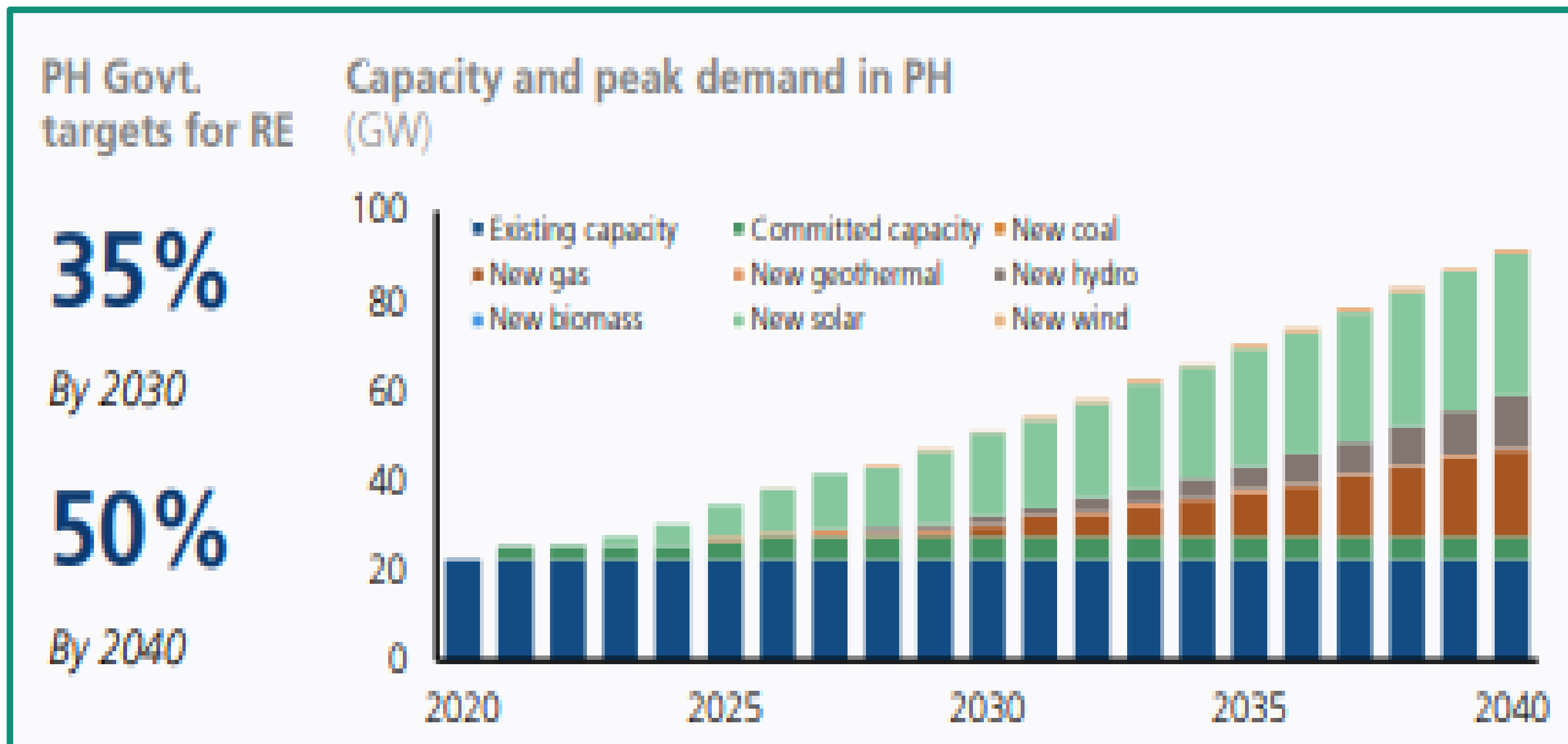


- The reduced Nickel and Cobalt prices had impacted Equity earnings from investments in the HPAL operations

RENEWABLE ENERGY



PHILIPPINE SHIFT TO RENEWABLE ENERGY



- At least 50% of electricity demand to be supplied by RE by 2040, half of which coming from solar, wind, and geothermal.

- Key drivers of electricity consumption:



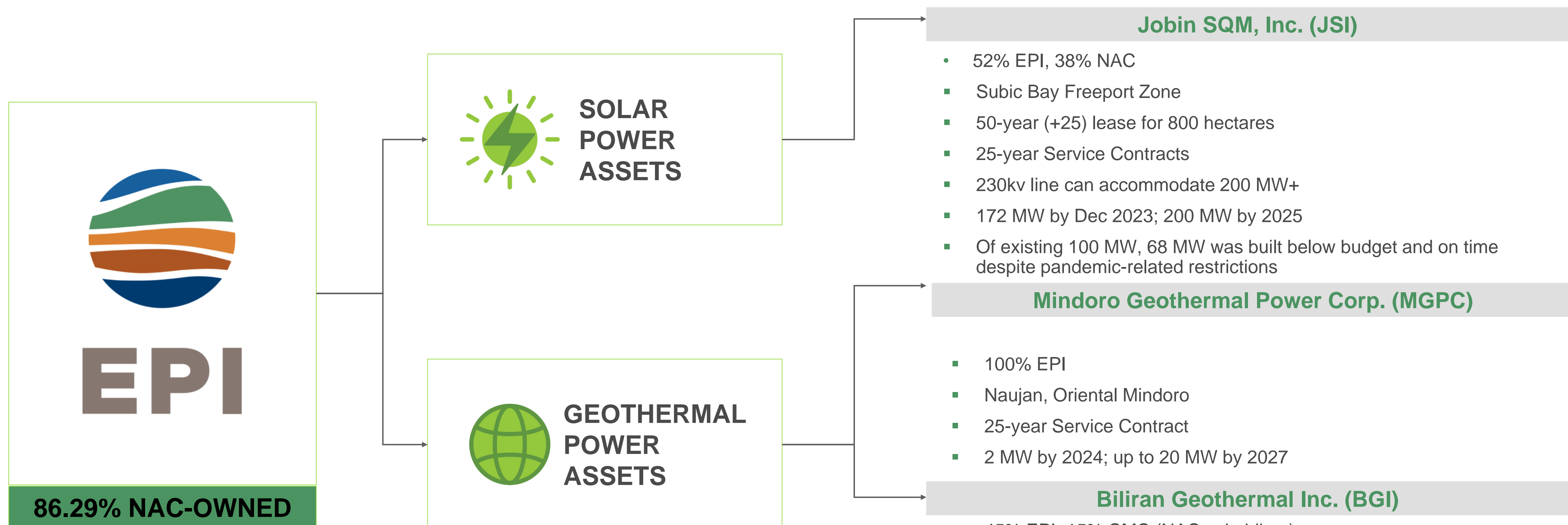
Macroeconomic recovery post-pandemic and strong population growth



Government goal and supporting programs to accelerate and achieve 100% electrification by 2028, and energy sufficiency by 2030

- RE development facilitated by favorable government policies and infrastructure:
 - ✓ RE Act of 2008
 - ✓ “Must (priority) dispatch” for RE resources
 - ✓ Feed-in Tariff
 - ✓ Renewable Portfolio Standards (RPS)
 - ✓ Green Energy Auction
 - ✓ Green Energy Options
 - ✓ Launch of WESM Mindanao

INVESTMENT INTO RENEWABLE ENERGY¹



Source: Company filings.

Notes: (1) NAC standalone renewable plans prior to EPI and Shell Joint Venture partnership for development of renewable energy.

PARTNERSHIP WITH SHELL A SIGNIFICANT MILESTONE

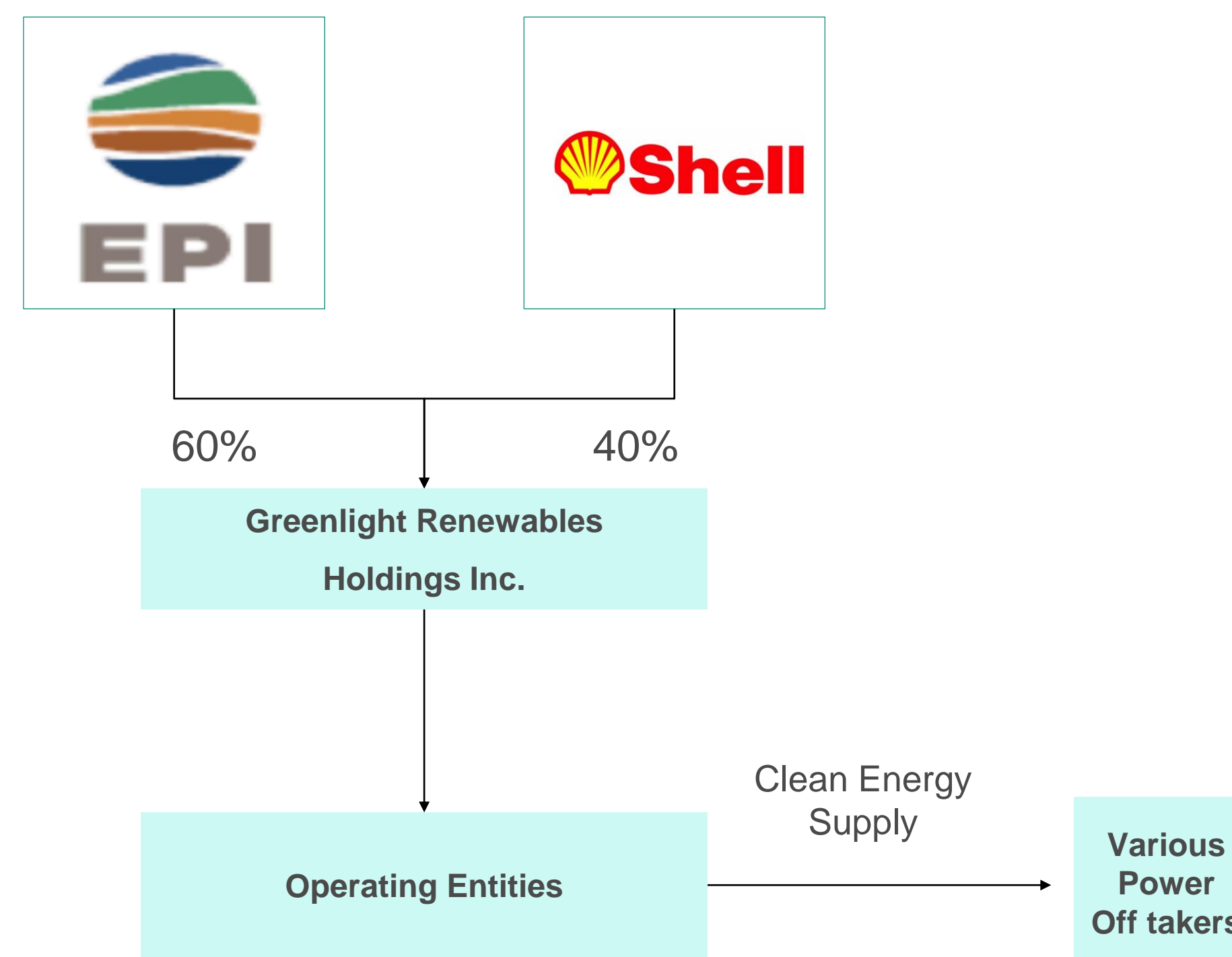
The Joint Venture

- On July 1 , 2022, EPI and Shell signed a Joint Venture (JV) partnership to jointly develop, own, operate, and maintain onshore renewables projects in the Philippines
- Exclusive platform for utility scale grid-connected solar PV, onshore wind and energy storage systems in the Philippines
- Capacity target of 1 GW by 2028 with aspirations of up to 3 GW
- Scheduled to launch its first project in 2023

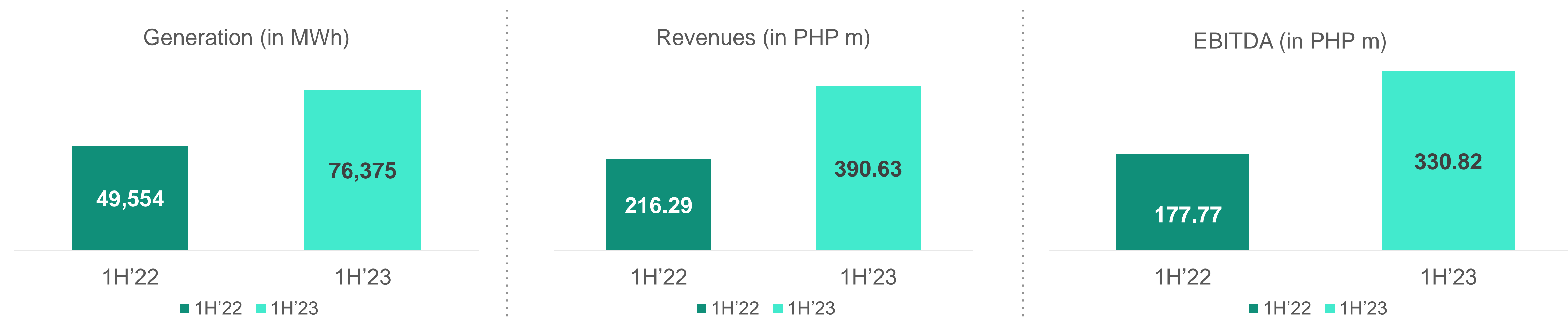
Key Areas of Strategic Partnership and Collaboration

- 1 A strategic partnership with well-established global player like Shell
- 2 Leverages Shell’s technical expertise and integrated solutions as a global energy company
- 3 Exploring synergies with a competitive retail electricity supplier (Shell Energy Philippines)
- 4 Tap into additional areas of synergies and operational collaboration between EPI and Shell

Corporate Structure



JSI FINANCIAL HIGHLIGHTS (1H'2022 to 1H'2023)



	1H'22	1H'23	YoY% change	
Generation (in MWh)	49,554	76,375	54% ↑	Presently operating at 100MW vs 62 MW in previous year
Revenues (Php in millions)	216.29	390.63	81% ↑	Positive impact due to higher generation and WESM prices
EBITDA (Php in millions)	177.77	330.82	86% ↑	within 80-85% target
NIAT (Php in millions)	47.57	56.45	19% ↑	Sustainable profitability for 100MW operations and favorable market conditions.
EBITDA Margin	82%	85%	300 bps ↑	Within 80-85% target
Weighted Realized Tariff (in Php)	4.36	5.11	17% ↑	Tight supply in the Philippines driving prices higher

EPI'S SOLAR PROJECTS UNDER OR TO START CONSTRUCTION IN 2023

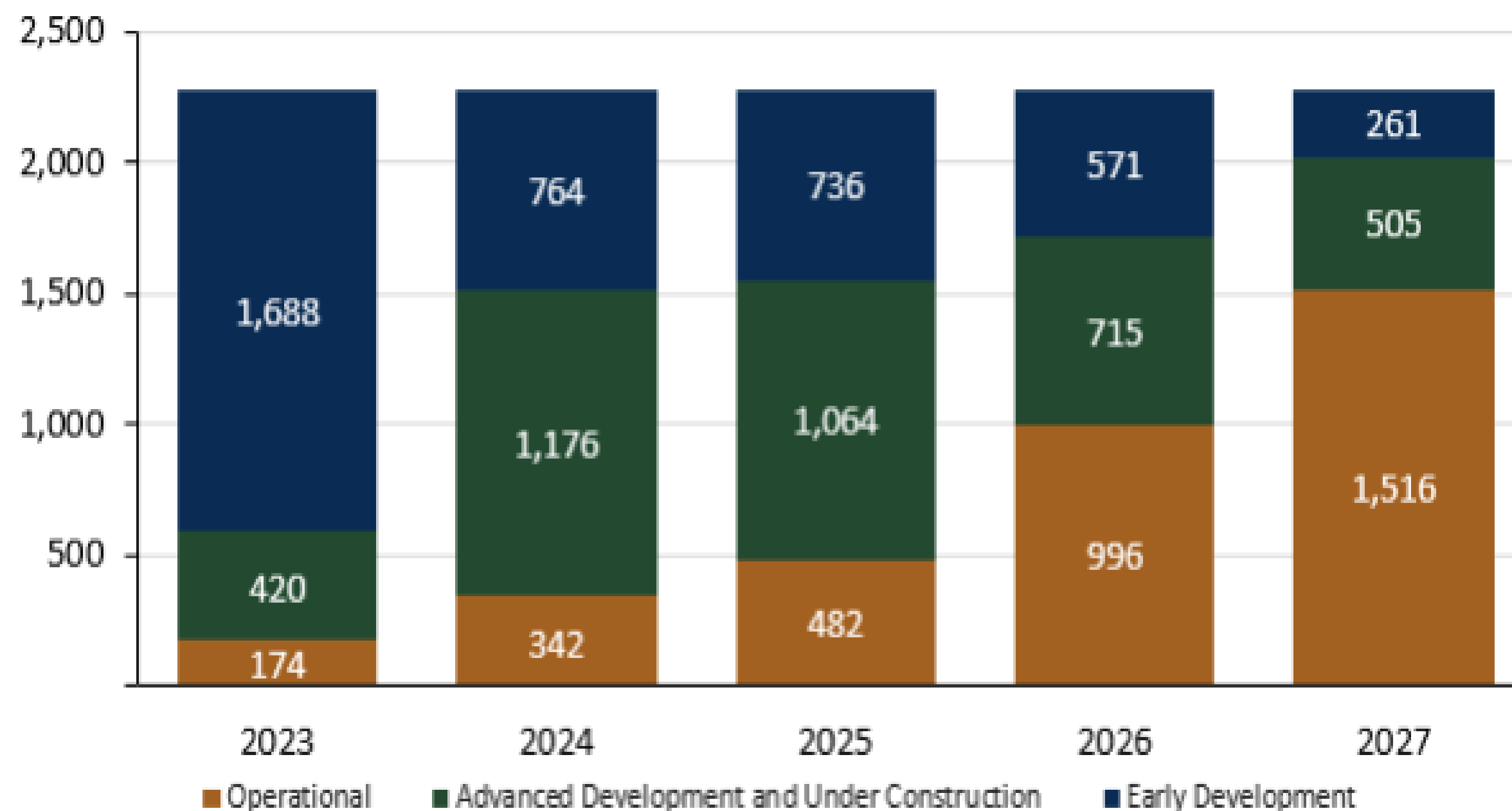
	<i>JSI</i>	<i>Subic Cawag</i>	<i>Leyte Project</i>
<i>Operating Capacity</i>	<i>100 MW</i>		
<i>Capacity Under Construction or For Construction</i>	<i>72 MW</i>	<i>145 MW</i>	<i>240 MW</i>
<i>The incremental Attributable capacity under construction to EPI (in MW)</i>	<i>72 MW</i>	<i>145 MW</i>	<i>144 MW</i>
<i>Pre-development</i>	<i>Completed on Jan 2023</i>	<i>Ongoing, Target completion: 3Q2023</i>	<i>Completed in June 2023</i>
<i>Construction</i>	<i>Ongoing</i>	<i>Start 4Q2023</i>	<i>Start 3Q2023</i>
<i>Commercial Operations Date "COD"</i>	<i>4Q2023</i>	<i>4Q2024</i>	<i>2Q2025 (120MW – Phase 1)</i>

EPI'S GEOTHERMAL PIPELINE

	<i>BILIRAN (BGI)</i>	<i>MINDORO (MGCP)</i>
<i>Capacity</i>	<i>Initially 50 MW (out P50 of 200 MW+)</i>	<i>20 MW (P90 of 20 MW)</i>
<i>Attributable MW to EPI</i>	<i>22MW</i>	<i>20 MW</i>
<i>Proof of Concept Pilot Project</i>	<i>90% Complete; 2 MW Vetted with turbines to be installed</i>	<i>Ongoing Target Completion: 2Q 2024</i>
<i>Development</i>	<i>Next phase: Finalizing development plan for 10-20 MW, leading to 50 MW</i>	<i>Target Completion: 3Q2025</i>
<i>Commercial Operations Date "COD"</i>	<i>4Q2023 for 2 MW 2025-2027 for 10-20 MW</i>	<i>4Q2025 for 2 MW</i>

EPI'S PROJECTED CAPACITY BUILDUP OF SOLAR, WIND AND GEOTHERMAL GENERATION ASSETS

(Gross capacity, MW)



- **Load profile** being developed to **serve solar peak and night peak hours.**
- **PSAs to be against portfolio** (not single plant).
- Does not yet include **NAC-related projects.**

SUSTAINABILITY



PHILIPPINES MINING EXCELLENCE IN 2022



- Presidential Mineral Industry Environmental Award (2019, 2020)
- **Platinum Achievement Award** (2016, 2018, **2022**)
- Titanium Achievement Award (2005, 2006, 2007, 2015, 2017)



- First ASEAN Mineral Awards
- Presidential Mineral Industry Environment Award (2002, 2003, 2015, 2018, 2020)
- **Platinum Achievement Award** (1999, 2000, 2001, 2010, 2016, **2022**)
- Titanium Achievement Award (1998, 2009, 2022)



- **Presidential Mineral Industry Environmental Award** (2021, **2022**)
- Platinum Achievement Award (2017, 2018, 2019, 2020)
- Titanium Achievement Award (2000, 2016)



- **Presidential Mineral Industry Environmental Award** (2003, 2004, 2008, 2021, **2022**)
- Platinum Achievement Award (1999, 2006, 2009, 2017, **2022**)
- Titanium Achievement Award (2007, 2016)

SUSTAINABILITY – AT THE CORE OF NAC KEY BUSINESSES

Our businesses have always been built on a practice of social responsibility – towards our people, towards our communities and towards our environment

Nickel as a key part of the global energy transition

- As the world moves towards green energy, the need for lithium-ion batteries for use in Electric Vehicles (EV) will continue to increase
- In 2021, nickel-based cathodes powered 80% of the battery capacity deployed in new plug-in EVs
- The key ingredients in the batteries of Electric Cars are the New Energy Metals



Typical EV battery composition

<i>NMC 811</i>	<i>NMC523</i>
<i>80% Nickel</i>	<i>50% Nickel</i>
<i>10% Manganese</i>	<i>20% Manganese</i>
<i>10% Cobalt</i>	<i>30% Cobalt</i>

Developing a significant renewable energy business

- In line with our vision, we have increased our commitment to developing a significant renewable energy generation business through Emerging Power, Inc. (EPI), an 86.29%-owned subsidiary
- On July 1, 2022, EPI and Shell signed a Joint Venture (JV) to develop, own, operate, and maintain onshore renewables projects in the Philippines
- EPI's current operation capacity is 100 MW with a target of 1 GW by 2028, which is boosted by our Joint Venture with Shell

With NAC's main business in Nickel mining, we will be an enabler for the growth in demand for EV batteries, supporting the decarbonization of the transportation and automobile industry

The renewable energy business represents diversification for NAC and is important towards the pivot towards clean energy which further enhances the company's push for a cleaner and sustainable future

OUR SUSTAINABILITY PERFORMANCE AND TARGETS

ESG is at the forefront of our priority to address material risks with our medium- to long-term targets

Our Sustainability Performance and Targets

SDGs	Metric	2022 Achievements	2025 Targets
 Environment	Renewable Energy Generation	100 MW Operational Capacity	650 MW by 2025
	GHG Emissions (Scope 1 & 2)	389,149 tCO2e Total Greenhouse Gas Emissions in Scopes 1 and 2	10% Reduction in Scopes 1 and 2 GHG Emissions
	Biodiversity Protection	1,192 hectares of terrestrial habitat protected and restored	10,376 hectares of terrestrial habitat protected and restored
	Safe Workplace	Zero (0) Lost Time Accidents	Zero (0) Lost Time Accidents
 Social	Health Care	100% Employees Covered by Annual Physical Exam	100% Employees Covered by Annual Physical Exam
	Mental Health	All Subsidiary Companies with Access to Mental Health Care	All Subsidiary Companies with Access to Mental Health Care
	Gender Equality	33% Women in Supervisory and Managerial Positions	At least 30% Women in Supervisory and Managerial Positions
	Sustainable Communities	22% of Total Households with Access to Level 3 Water System	64% of Total Households with Access to Level 3 Water System
 Governance	Diversity and Inclusion	24% Average Women Representation in Top Level Management Positions	30% Average Women Representation in Top Level Management Positions
	Transparency	\$87mn Taxes & Royalties Paid	\$101mn Taxes & Royalties Paid
	Zero Bribery	Zero (0) Bribery Incidents	Zero (0) Bribery Incidents
	Governance Mechanism	Created Board-level Sustainability Committee and Appointed a Chief Sustainability Officer	Incorporate ESG strategy with Risk Management Framework
	Board Commitments	ESG External Assessment	Evaluation and Updating of Roadmap based on Accomplishment and Assessment

Our Long-Term Targets

- Increase Renewable energy capacity to >1GW
- 42% reduction in scopes 1 & 2 GHG emissions by 2030 vs 2021 baseline*
- 0 waste to landfill by 2030
- Net Zero Carbon by 2050

**Subject to SBTI's certification.*

Our efforts will help minimize material risks and promote sustainable development

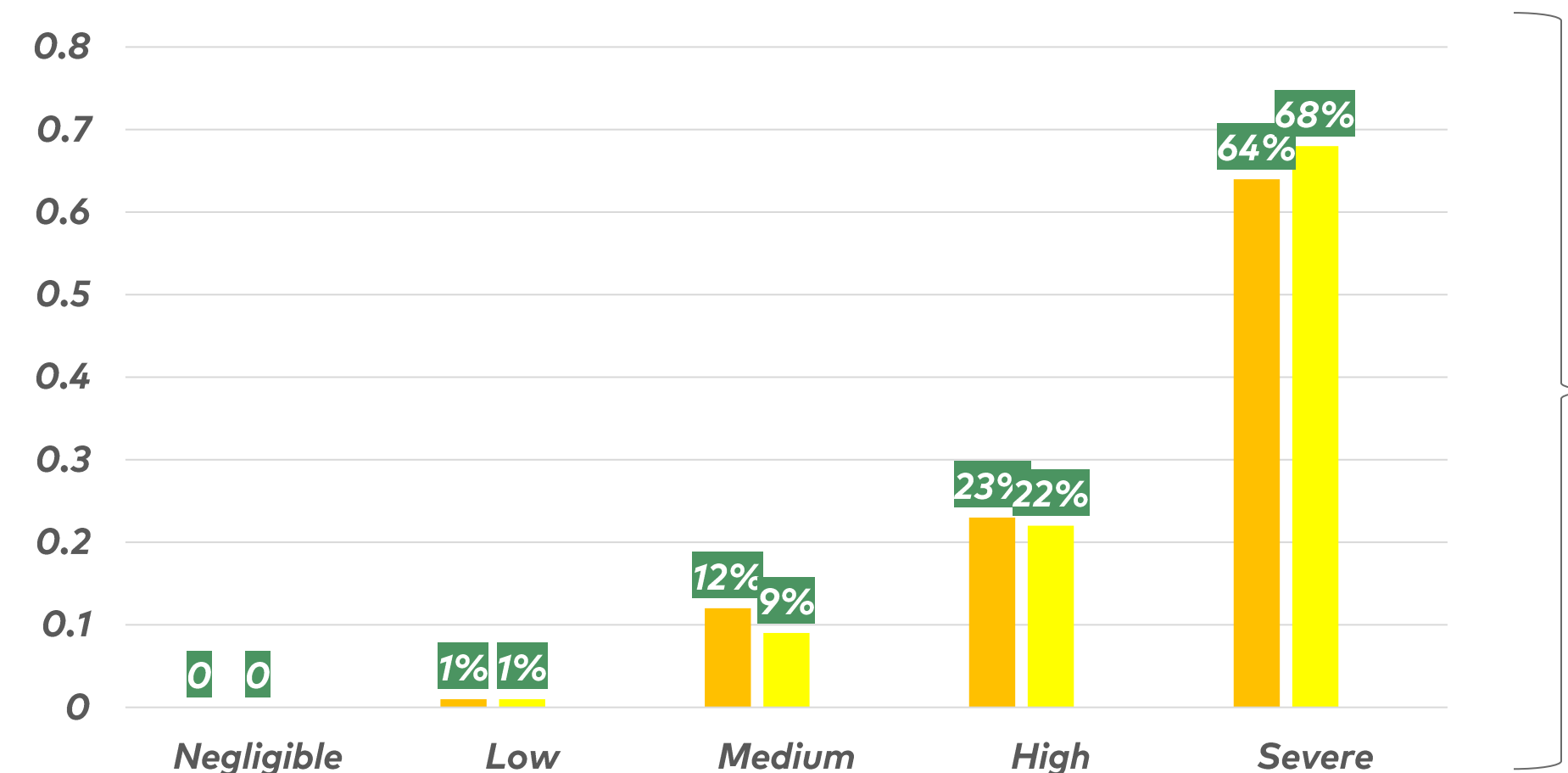
- Secure resources while managing regulatory risks
- Satisfy downstream customers
- Establish sustainable relationships with ecosystem / stakeholders
- Minimize risks of malpractice and catastrophes
- Set path to Net Zero Carbon by 2050
- Optimize capital allocation with EV/RE exposure

ESG SCORE IMPROVED TO 34.8 FROM 43.7

Nickel Asia Corp. Rating Report

Score and Risk Category				
34.8 High Risk				
Negligible	Low	Medium	High	Severe
0-10	10-20	20-30	30-40	40+
<p>The company is at high risk of experiencing material financial impacts from ESG factors, due to its high exposure and strong management of material ESG issues. Notably, its overall risk is higher since it is materially exposed to more ESG issues than most companies in our universe. The company has experienced a moderate level of controversies.</p>				

ESG Risk Rating Distribution



Material ESG Issues

Issue Name	ESG Risk Exposure Score Category	ESG Risk Management Score Category	ESG Risk Rating Score Category	Contribution to ESG Risk Rating
Community Relations	8.1 High	41.2 Average	5.1 Medium	14.7%
Emissions, Effluents, and Waste	8.6 High	45.7 Average	5.0 Medium	14.5%
Corporate Governance	9.0 High	47.2 Average	4.8 Medium	13.7%
Resource Use	7.2 Medium	48.5 Average	4.4 Medium	16.0%
Carbon –Own Operations	5.6 Medium	50.6 Strong	3.3 Low	9.6%
Occupational Health and Safety	8.1 High	71.9 Strong	2.9 Low	8.2%
Human Capital	4.5 Medium	39.9 Average	2.8 Low	8.0%
Bribery and Corruption	5.4 Medium	60.0 Strong	2.3 Low	6.7%
Land Use and Biodiversity	3.8 Low	53.4 Strong	1.8 Negligible	5.1%
Business Ethics	2.7 Low	57.0 Strong	1.2 Negligible	3.6%
Overall	63.0 High	49.2 Strong	34.8 High	100.0%

Legend

- Industry (Diversified Metals)
- Subindustry (Diversified Metals Mining)

Rank | Percentile
(1st = Top Score)
60/223 | 27th
40/184 | 22nd



ESG IN OUR DNA

We deliver responsible mining and make a lasting impact to the communities and environment that we operate in.



EPI SOLAR FARM SUBIC, ZAMBALES

SOLAR FARM CONVERSION OPTION:

Mined-out areas can be transformed into solar farms like this facility in Subic, Zambales, owned and operated by EPI, a NAC subsidiary



URBIZTONDO CROP PRODUCTION COOPERATIVE (UCPC), SURIGAO DEL NORTE

AGRI-PROCESSING CONVERSION OPTION:

After enhancing productivity of local agri-products such as cassava, post-harvest production facilities can be established in partnership with national government agencies and peoples' organizations. Taganito Mining Corporation supported farmers' cooperative, UCPC, is a good example of this.

2017-2022

7M

Trees planted

1,250

Hectares rehabilitated

\$422M

Taxes and royalties paid

\$53M

Expenditures for
Environmental Protection

2022

3,075

Employment generated

\$5.71M

Social Development and
Management Program, Corporate
Social Responsibility

PRESENTATION END

DISCLAIMER

This presentation and the information contained herein as well as the materials distributed herewith ("Presentation") are the sole and exclusive property of Nickel Asia Corporation ("NAC") and shall only be used for the purpose intended herein. This Presentation is not intended to provide any definitive advice or opinion of any kind and should not be relied on for any purpose. This Presentation may not be reproduced, in whole or in part, nor summarized, excerpted from, quoted or otherwise publicly referred to, nor discussed with or disclosed to anyone else without the prior written consent of NAC. Except for historical financial data and operating data and other information in respect of historical matters, statements in this Presentation including those that describe NAC's objectives, projections, estimates, expectations, targets, prospects or plans are "forward-looking statements" within the meaning of applicable securities laws and regulations. The words "believe", "expect", "anticipate", "estimate", "project", "plan", "may", "intend", "will" or other similar words are frequently used to indicate these forward-looking statements. Any such forward looking statement is not a guarantee of future performance and involves known and unknown risks, uncertainties and other factors that could cause the actual performance, financial condition or results of operation of NAC and its subsidiaries to be materially different from any future performance, financial condition or results of operation implied by such forward-looking statement. Among the factors that could cause actual results to differ from the implied or expected results include economic conditions affecting supply/demand, price conditions in the local and overseas markets in which NAC and its subsidiaries operate, exchange rate fluctuations, political risks, changes in government regulations, tax laws and other statutes and incidental factors. NAC accepts no responsibility nor liability from any consequence that may arise from the use of the information or data in this Presentation. Any opinion/data/forward-looking statements in this Presentation may be subject to change by NAC without notice. No representation or warranty, express or implied, is made or given by or on behalf of NAC, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of, the information (including certain data that was obtained from various external data sources or otherwise made available, and which have not been verified with independent sources) or opinions contained in this presentation and no responsibility or liability is assumed by any such persons for any such information or opinions, for any errors or omissions, as to the reasonableness of any assumption contained herein or for any loss howsoever arising from any use of these materials. This document should not be regarded by recipients as a substitute for the exercise of their own judgement. The information contained in this document should be considered in the context of the circumstances prevailing at the time and is subject to change without notice and will not be updated to reflect material developments that may occur after the date hereof. It is not the intention to provide, and you may not rely on these materials as providing, a complete or comprehensive analysis of the financial or trading position or prospects of NAC and its subsidiaries. This presentation is intended to present background information on NAC and its subsidiaries, its business and the industry in which it operates and is not intended to provide complete disclosure upon which an investment decision could be made. Any decision to purchase securities in the context of an offering of securities (if any) should be made solely on the basis of information contained in the offering documentation published in relation to such offering. Further, nothing in this document should be construed as constituting legal, business, tax or financial advice. The merit and suitability of an investment in NAC or any of its or its subsidiaries' securities should be independently evaluated and any person considering such an investment in NAC or its subsidiaries is advised to obtain independent advice as to the legal, tax, accounting, financial, credit and other related advice prior to making an investment.

This Presentation is for informational purposes only and does not constitute or form part of an offer, solicitation, recommendation or invitation of any offer, to buy or subscribe for any securities, nor should it or any part of it form the basis of, or be relied upon in any connection with, or act as an inducement to enter into, any investment decision, contract or commitment whatsoever. These materials are not an offer for sale of the securities in the United States. Securities may not be offered or sold in the United States absent registration or an exemption from registration under the U.S. Securities Act of 1933, as amended. NAC does not intend to register any portion of any proposed offering in the United States or to conduct a public offering of securities in the United States. These materials are not for release, publication or distribution, directly or indirectly, in or into or from the United States or to any person located or resident in the United States. Any failure to comply with the foregoing restrictions may constitute a violation of U.S. securities laws. By attending the meeting where this presentation is made or by accepting a copy of this presentation, you agree to be bound by the foregoing limitations.

APPENDIX

OVERVIEW OF MINING BUSINESS

Nickel Mining

- **Largest nickel mining company in the Philippines and one of the largest suppliers of lateritic nickel ore globally**
 - Accounted for 39% of Philippine nickel mine production and 5% of global nickel mine production in 2022
- **Mining Assets include:**
 - Five operating mines and two development nickel projects
 - 15.6% and 10% equity in, and supplier of low-grade limonite ore to Coral Bay and Taganito HPAL plants, respectively
 - One exploration permit and seven Exploration Permit Applications for copper and gold

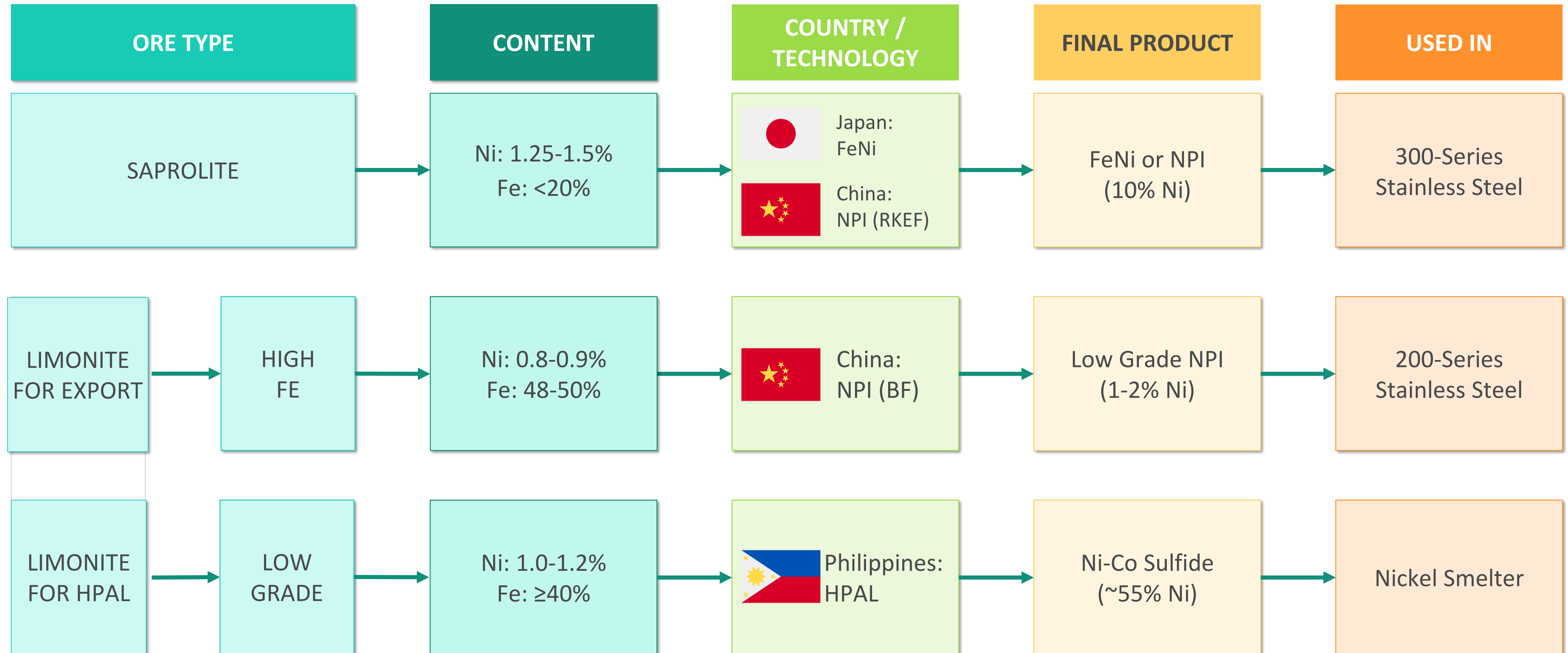
Mining Assets

LEGEND

- Operating mines
- Exploration Projects - Nickel
- Exploration Projects - Gold
- Development Projects - Nickel
- Major Cities



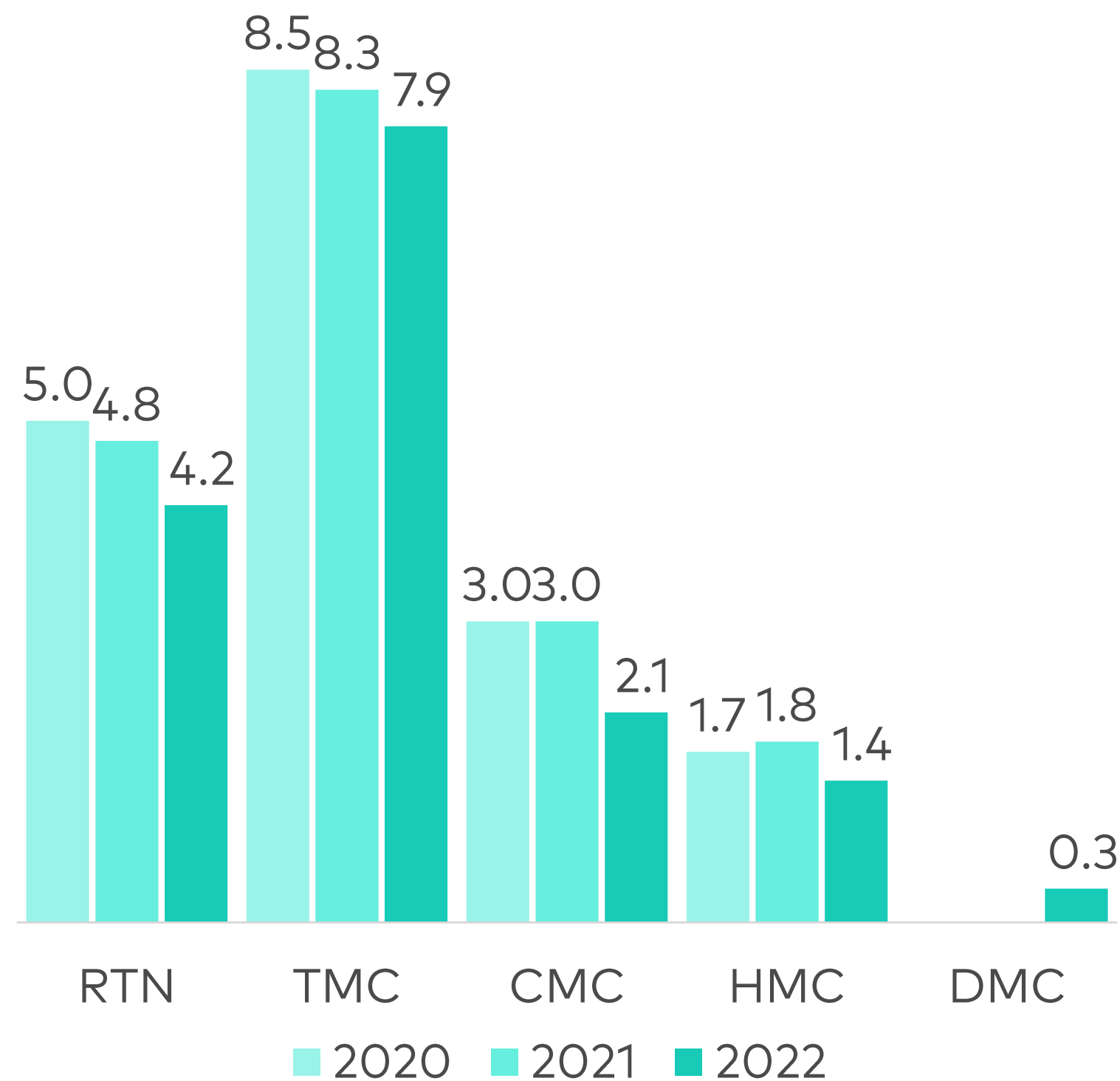
NICKEL ORE PRODUCTS



RESERVES AND MINE LIFE

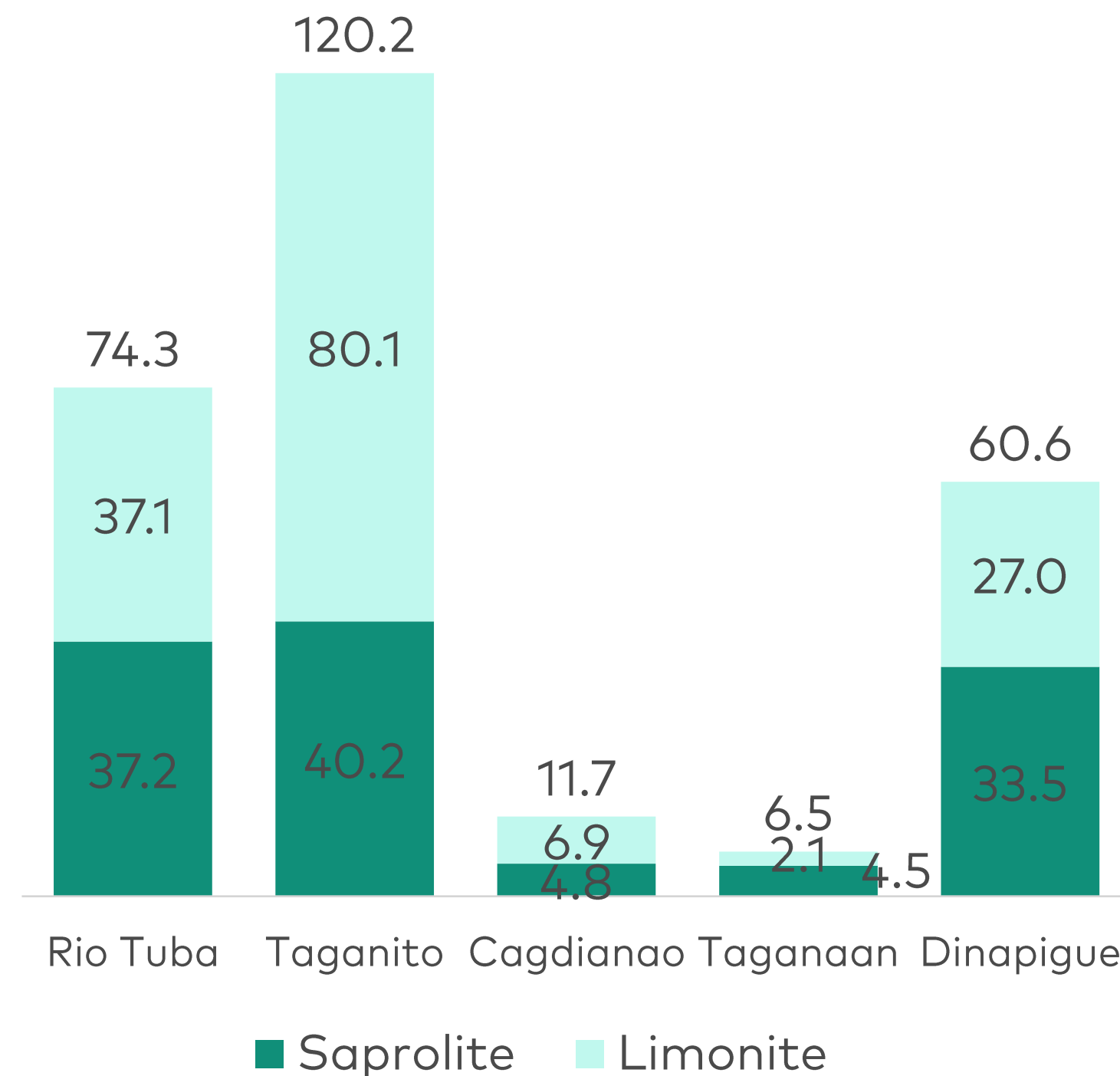
Nickel Asia has the largest nickel reserves and its mines have the longest remaining mine life in the Industry

Shipments by Mine (mWMT)



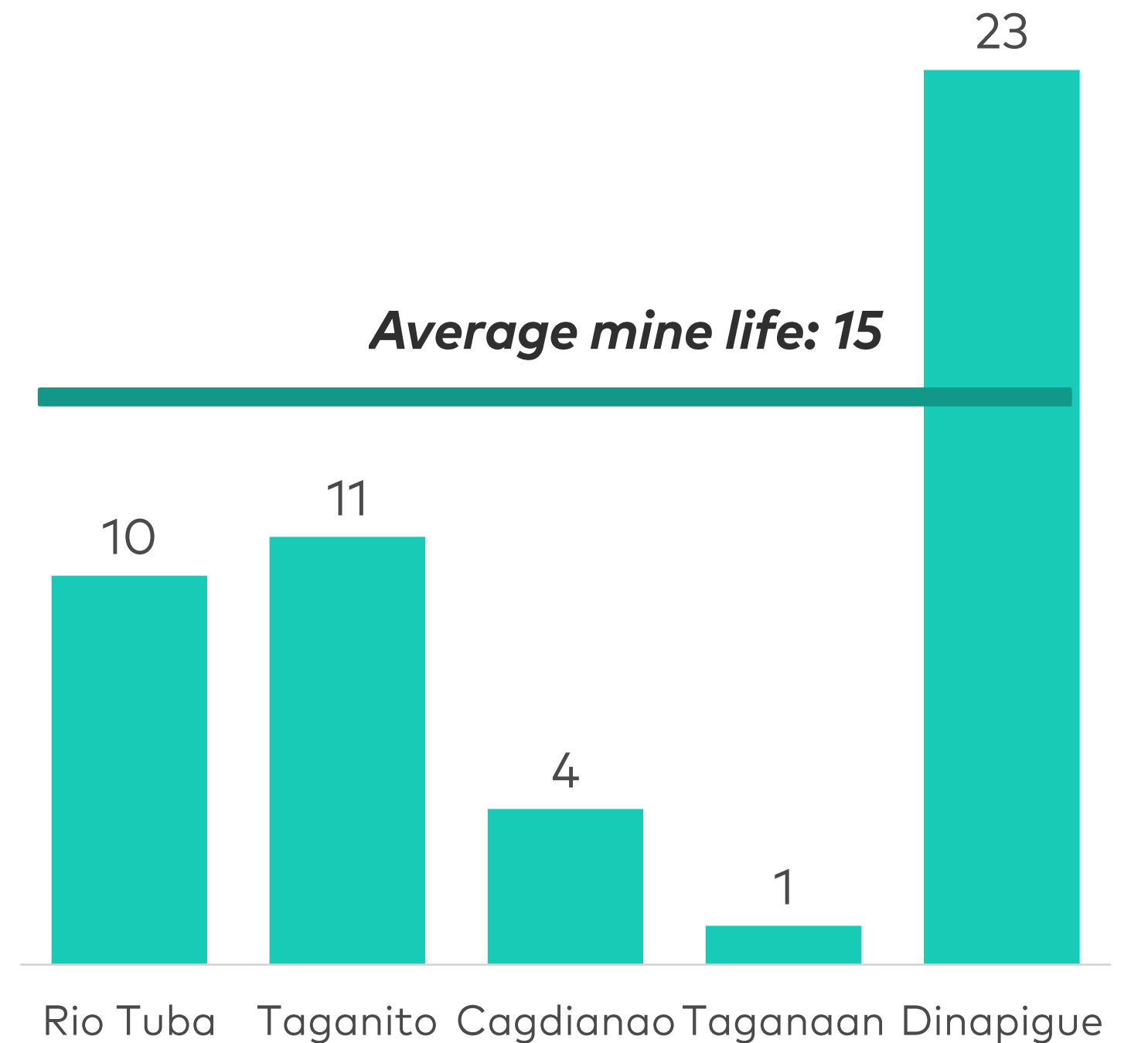
Ore Reserves by Mine (mWMT)

Proved and Probable (as of Dec. 31, 2022)



Mine Life

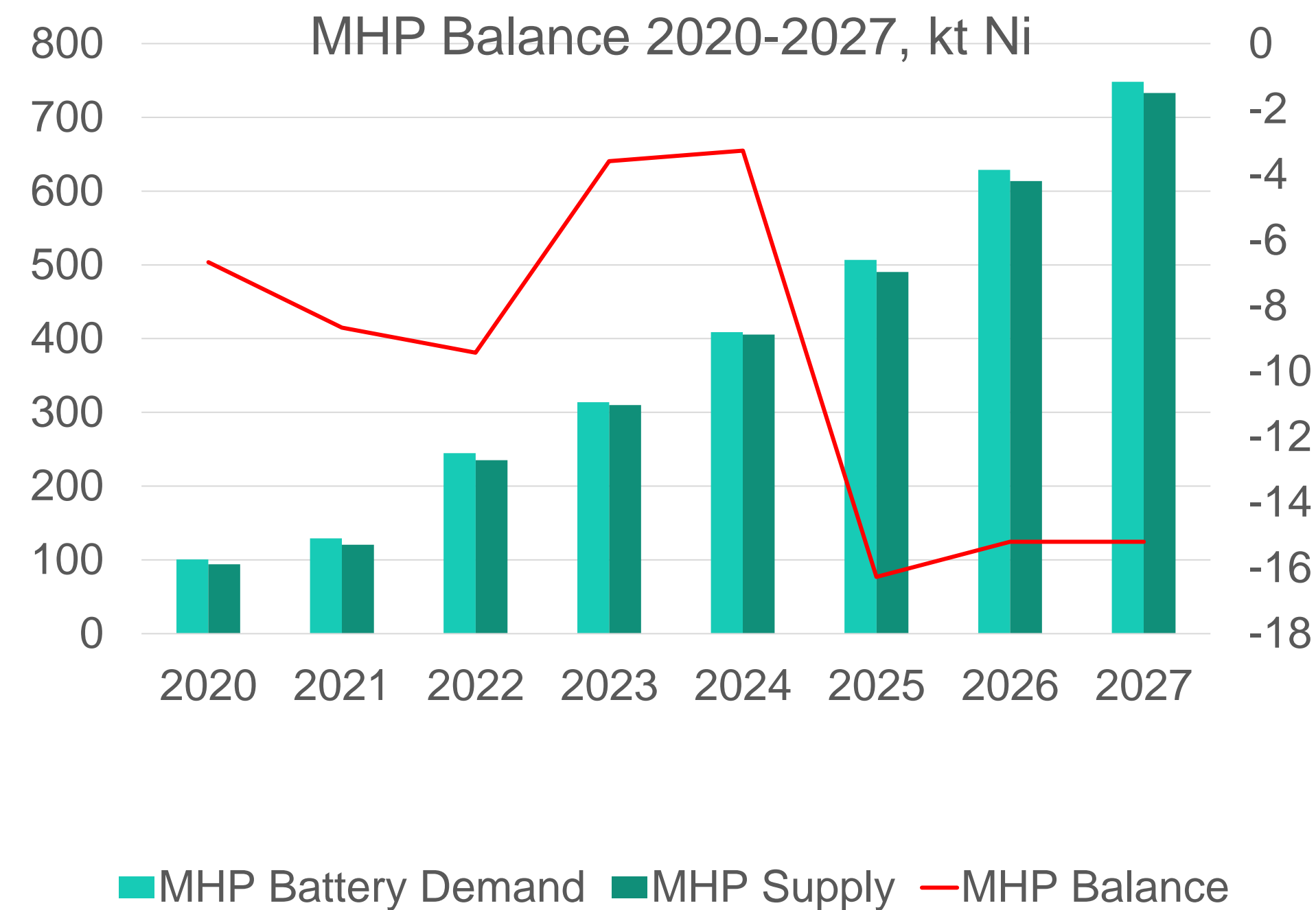
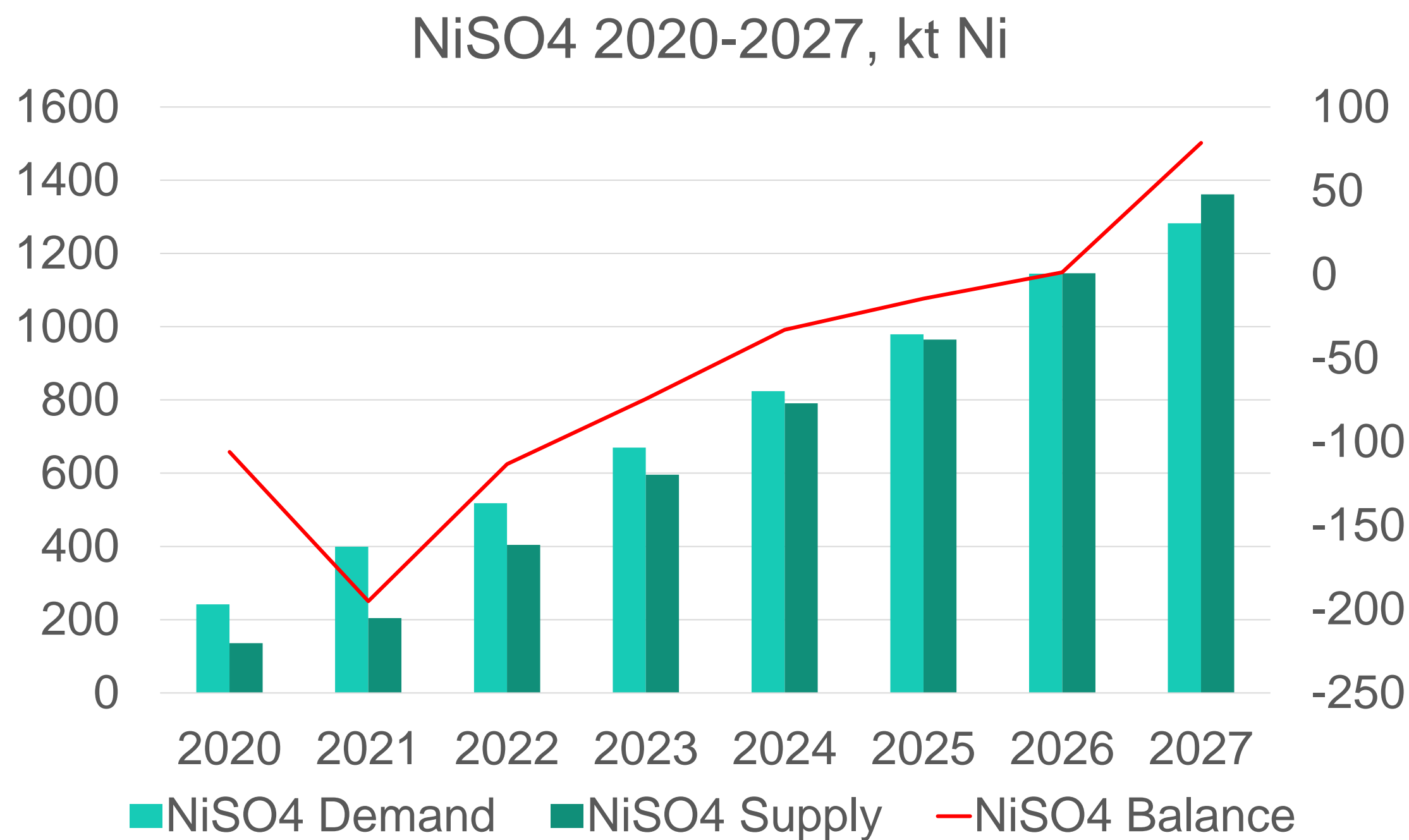
Years from December 31, 2021



...Battery materials supply for Nickel sulphate (NiSO₄) and MHP is tight...

NiSO₄ tightness will improve but will remain tight up until 2026

MHP supply foreseen to be tight despite major HPAL project pipeline



INVESTMENT IN HPAL PROJECTS

- Most successful implementation of HPAL technology in the world.
- End products are refined in Japan by Sumitomo Metal Mining and ultimately utilized in the production of EV batteries.
- Provides captive market for our low-grade limonite ore, that would otherwise end up as waste materials, thereby enhancing the profitability of Rio Tuba and Taganito mines.

	Coral Bay	Taganito HPAL
Location	Palawan, adjacent to Rio Tuba mine	Surigao Del Norte, adjacent to Taganito mine
Equity Ownership	15.625%	10%
Project Cost / Year	\$508 Million / 2005	\$1.59 Billion / 2013
Nameplate Capacity	20,000 Ni-Ton	30,000 Ni-Ton
Ore Supply (2022)	3.1 million WMT	4.4 million WMT
NAC's Equity Earnings (2022)	PHP189.7 million	PHP752.4 million
Technology	High Pressure Acid Leach (HPAL) process licensed from Sumitomo Metal Mining	
Product	Ni-Co sulfide sold exclusively to Sumitomo Metal Mining	

Emerging Power Inc. Solar Plant Tour

- *Eight of the largest Domestic Institutional Investors visited our Sta. Rita Power plant last February 3, 2022*



JSI's Sta. Rita Solar Power Plant has installed capacity of 100 megawatts (MW), with another 72 MW currently in construction.

Investors and fund managers from different firms spent a day touring the Sta. Rita Solar Power Plant in February 2023 to learn about the latest initiatives of Nickel Asia Corporation (NAC) in the area of renewable energy.

The day tour began with a safety orientation followed by a presentation from Jobin-SQM Inc. (JSI) Senior Manager Noel Raza about the plant's capacity, operations, maintenance and performance, among others.

The tour concluded with a drive to the plant's view deck. Together with site engineers, investors were treated with a landscape view of the plant.

Emerging Power Inc. Solar Plant Tour

- *Technical Inspection of the Flywheel Energy Storage System (FESS) by the ERC*



EPI is also piloting two flywheel energy storage units as a means to store and generate power after sunset. This is the first time a flywheel battery has been used in a utility-scale solar plant.

Sustainability. Flywheels are environment-friendly and use minimal chemicals for maintenance compared to battery energy storages.

Advantages. Low maintenance; Long life (30 years); Negligible environmental impact; Reduced CO2 emission; Recyclable Energy Solution; Non-hazardous Materials; No degradation



INVESTMENT PARAMETERS

In selecting sites, we follow these criteria:

- Irradiance, wind, or geothermal resources assessment are better than average
- Possessory rights are clear and robust
- Viable and cost-effective connection solution to the grid
- ESG best practices can be implemented

In developing solar farms, depending on the site, we are targeting:

99% & 16-20%

Availability and Plant Factor

70%

Minimum capacity contracted under long-term PSA

60-80%

Non-recourse PHP Project Loans (10-15 yrs)

85% & 35%

EBITDA Margin and Net Income Margin

12-20%

Equity IRR

An assumed tariff of PHP

5.0/kWh

→
FORECASTED TO YIELD

Net income of PHP

300-350 mm

Per 100 MW of solar capacity