INVESTOR PRESENTATION

November 2023



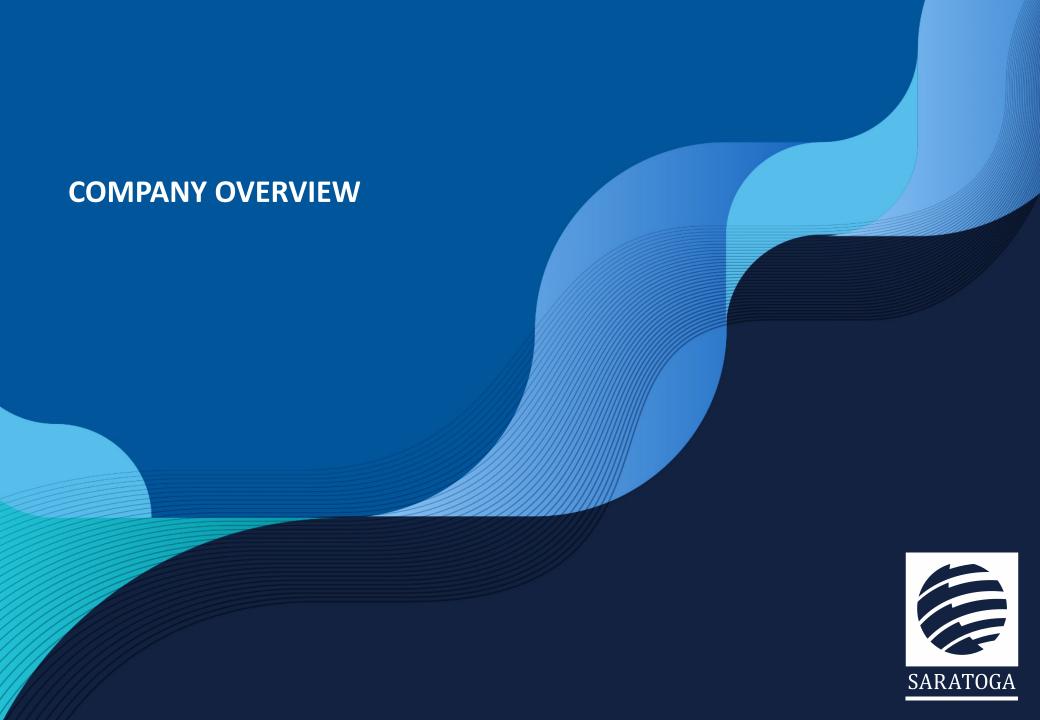
Disclaimer



"These materials have been prepared by PT Saratoga Investama Sedaya, Tbk (the "Company") from various internal sources and have not been independently verified. These materials are for information purposes only and do not constitute or form part of an offer, solicitation or invitation of any offer to buy or subscribe for any securities of the Company, in any jurisdiction, nor should it or any part of it form the basis of, or be relied upon in any connection with, any contract, commitment or investment decision whatsoever. Any decision to purchase or subscribe for any securities of the Company should be made after seeking appropriate professional advice.

These materials contain embedded statements that constitute forward-looking statements. These statements include descriptions regarding the intent, belief or current expectations of the Company or its officers with respect to the consolidated results of operations and financial condition of the Company. These statements can be recognized by the use of words whether or not explicitly stated such as "expects," "plan," "will," "estimates," "projects," "intends," or words of similar meaning. Such forward-looking statements are not guarantees of future performance and involve risks and uncertainties, and actual results may differ from those in the forward-looking statements as a result of various factors and assumptions. The Company has no obligation and does not undertake to revise forward-looking statements to reflect future events or circumstances.

No representation or warranty, expressed or implied, is made and no reliance should be placed on the accuracy, fairness or completeness of the information presented or contained in these materials. The Company or any of its affiliates, advisers or representatives accepts no liability whatsoever for any loss howsoever with respect to any use or reliance upon any of the information presented or contained in these materials. The information presented or contained in these materials is subject to change without notice and its accuracy is not guaranteed."



Investment Approach



Strategy

Focus on early-stage, growth-stage, specialsituation opportunities



Focus on growing sectors that cater to the rising demand of the largest market in SE Asia

Geography

Indonesia, South East Asia and opportunistic on other markets

Why Saratoga

- ✓ Proven investment track record across key businesses
- ✓ Ability to **transform** early and growth-stage companies into established enterprises
- ✓ Access to value accretion from unlisted and listed entities
- ✓ Strong balance sheet and low operating costs
- ✓ Partner of choice of international renowned co-investors
- ✓ Deep knowledge about the local investment landscape

Target annual capital deployment

USD 100 - 150mn



Investment Horizon

Medium to long-term

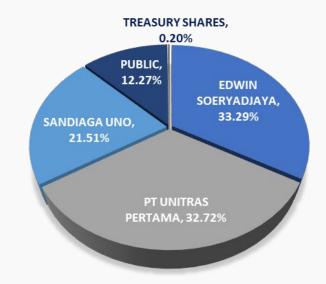
Saratoga - A Leading Active Investment Company



Company Overview

- Founded in **1997**, listed on IDX with ticker **SRTG** in 2013.
- Leading investment company in Indonesia with Net Asset Value of IDR 45.5tn (USD 2.8bn).
- Focus on early-stage, growth-stage, and special situation opportunities.
- Actively engage with investee companies' management to unlock value and enhance growth quality.
- Invest in growing sectors that drive the Indonesian economy, including prominent sector players such as ADRO, MDKA, TBIG, and MPMX.

Ownership Structure



Quality Investment Portfolio Diversified Across Key Businesses



Growth Focused		Blue Chip Companies		
Mitra Pinasthika Mustika Tbk.	Automotive	Adaro Energy Indonesia Tbk.	Energy and Resources	
Samator Indo Gas Tbk.	Industrial Gas	Merdeka Copper Gold Tbk.	Precious Metals	
City Vision	Digital Advertising	Bersama Digital Infrastructure Asia*	Digital Infrastructure	
Deltomed	Herbal Supplement			
Forest Carbon	Carbon Offset Developer			
MGM Bosco Logistics	Cold-Chain Logistics			
Xurya	Solar Energy			
ZAP	Beauty and Health Clinic			

Digital Technology			
Fuse	Insuretech		
Julo	Fintech		
Provident Growth Fund	Technology Fund		
SC Tech Investment	Technology Fund		

YTD 2023 Highlights



Saratoga (SRTG):

- Invested in ZAP: Indonesia's leading beauty and health clinic chain, boasting more than 73 branches throughout the country. Founded in 2009 as a pioneer in permanent hair removal treatments, ZAP has evolved into a comprehensive laser clinic that offers routine care services with an online booking and data system across all branches, providing customers with seamless access to treatments at any ZAP location.
- Increased its ownership in the cold chain logistics portfolio-MGM Bosco Logistics (MBL) to 62.9% from previously 32.0%.
- Generated cash flow of IDR 3.7tn from dividend receipts and monetization proceeds in 9M23.

Adaro Energy (ADRO):

- ADRO booked 9M23 revenue of USD 5bn (-16% Y-Y) with operational EBITDA reaching USD 1.9bn (-49% Y-Y) as 11% Y-Y higher sales volume was offset by a 25% Y-Y decline in ASP.
- ADRO's balance sheet remains healthy with a net cash position of USD 1.8bn in 9M23.

Merdeka Copper Gold (MDKA):

- MDKA recorded an improved gold sales of 49.2kt in 3Q23 (+32% Y-Y, +66% Q-Q) with a 7% Y-Y higher ASP of USD 1,946/oz, while copper sales reached 3.1kt (-46% Y-Y, -27% Q-Q) due to temporary delays in the delivery of explosives.
- NPI production increased to 21.7kt in 3Q23 (+110% Y-Y, +83% Q-Q) along with higher margin due to ZHN commissioning and lower costs.
- SCM Mine commenced saprolite ore delivery to MBMA's smelter in mid-Aug with volume reaching 44kt in 3Q23, increasing to 600-800kt in 4Q23 and 6mt by 2024.

Mitra Pinasthika Mustika (MPMX):

- MPMX recorded solid revenue of IDR 10.5tn (+23% Y-Y) driven by 2W volume and ASP improvement, leading to GP margin improving to 8.9% (vs. 8.6%) and core profit increasing to IDR 422bn (+5% Y-Y)
- 2W distribution sales volume grew 22% Y-Y to 518k units in 9M23 due to recovery of the semiconductor shortage. Additionally, 2W retail sales also increased to 129 units (+34% Y-Y).
- MPM Rent's maintained a high fleet utilization of 95% in 9M23 with total fleet growing by 10% Y-Y. Used car sales volume also increased by 21% Y-Y, contributed mainly by external units.

Source: Company information 7

Green Economy and Downstream Initiatives



Adaro Energy Indonesia (ADRO):

In March 2023, the groundbreaking of the Mentarang Induk Hydropower Plant project in Kaltara took place. The power plant will generate 1,375 MW of electricity with estimated investments of USD 2.6 billion and is operated under PT Kayan Hydropower Nusantara (KHN), owned by ADRO (50%), Sarawak Energy Berhad (25%), and PT Kayan Patria Pratama (25%).

Merdeka Battery Materials (MBMA):

- In Sep 2023, MBMA has signed a definitive agreement with Gem to construct a High-Pressure Acid Leach (HPAL) plant with a capacity of 30,000 tonnes per annum of contained nickel in Mixed Hydroxide Precipitate (MHP). The HPAL plant will be constructed in Indonesia Morowali Industrial Park (IMIP) and operated under PT ESG New Energy Material (MBMA owns 55% and GEM owns 45%) with a target commissioning date of end of 2024 for stage 1 and mid-2025 for stage 2. The plant will procure and process laterite nickel ore from MBMA's SCM Mine under a 20-year agreement.
- In June 2023, MBMA has acquired 60% stake (40% Tsingshan) in PT Huaneng Metal Industry (HNMI) for USD 75mn, a high-grade nickel matte (HGNM) conversion facility located within the Indonesia Morowali Industrial Park (IMIP). HNMI processes low-grade nickel matte (LGNM) produced by RKEF smelters to HGNM products containing more than 70% nickel. Historically, HNMI has sustained an annual production rate of 50kt.

Forest Carbon (FC)

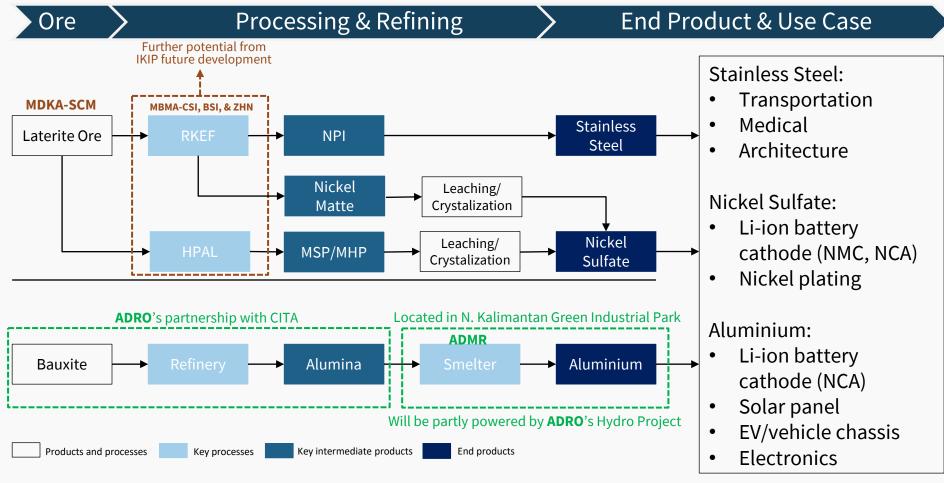
- FC is a premium carbon project developer established in 2012, which specializes in the full lifecycle of project development from securing investment, designing and delivering the project, and securing carbon sales.
- FC flagship project, the Sumatra Merang Peatland Project, is now a successful business model for peatland restoration. The 22,000 Ha project has increased forest cover in the area by 23%, protected endangered species, and supported local communities with health, education, and job opportunities.

Xurya Daya Indonesia (Xurya)

- Xurya is a leading renewable energy company that provides ease of transition to solar energy for industry players through long-term lease contract.
- Operates 117 rooftop solar assets with another 46 sites in construction from various sectors (manufacturing, logistics, hotels, and shopping malls).
- Offers a one-stop-solution for solar energy needs from feasibility study and installation to operation and maintenance.

End to End Play on the Growing EV Supply Chain in Indonesia





SCM-Sulawesi Cahaya Mineral; CSI-Cahaya Smelter Indonesia; BSI-Bukit Smelter Indonesia; ZHN-Zhao Hui Nickel; IKIP-Indonesia Konawe Industrial Park; CITA-Cita Mineral Investindo Tbk.

RKEF-Rotary Kiln Electric Furnace; HPAL-High Pressure Acid Leaching; NPI-Nickel Pig Iron; MSP/MHP-Mixed Sulphide/Hydroxide Precipitates; NMC-Nickel Manganese Cobalt; NCA-Nickel Cobalt Aluminium Source: Company information, McKinsey & Company, Roland Berger

Investments in Technology and Digital Companies





- Owns and operates in-town carrierneutral data center in multiple strategic locations.
- Strategically located and highly interconnected within the Jakarta area.
- 2 sites with total design capacity of up to 60MW (10MW for Phase 1) and more than 20k sqm of data hall space.



- Fintech lending with technology enabled underwriting process.
- Implements big data technology, machine learning, and cuttingedge algorithms in its underwriting assessment.
- Mutiple usage channels: online, offline merchants, and bank transfer.



- Leading and most innovative outdoor digital media company in Indonesia.
- Leader in Public
 Transportation
 (Transit) Media with
 the acquisition of the
 biggest and busiest
 Commuter Line Train
 Stations in the Greater
 Jakarta area.

Transforming Early and Growth Stage Companies Into Established Enterprises



Adaro Energy Indonesia

2002	2008	2010	2016	2018	2022
Coal production	Listed on IDX	Acquired 25% of	Commenced	Jointly acquired 80% of	Coal production of 63mt
of c.20mtpa	Raised IDR12.2tn	IndoMet Coal Project	construction of 2x1GW	Kestrel Coal Resources	USD 5.0bn record EBITDA
		(100% stake in 2016)	Batang Power Plant	with EMR Capital	IDR123tn mkt.cap.

Tower Bersama

2004	2010	2012	2017	2018	2022	
Founded with 7	Listed on IDX	Acquired 2,500	13.5k sites with 23k	Acquired 50% of	22k operating sites with	
operating towers	Raised IDR1.1tn	towers from Indosat	tenants	GHON and 51% of	41k total tenants	
				GOLD	IDR52tn mkt. cap.	

Merdeka Copper Gold

٦	2012	2015	2017	2018	2019	2022	
	Single undeveloped	Listed on IDX	Tujuh Bukit Gold	Acquired 68% of Wetar	MoU with	Acquired leading nickel	
	gold project	Raised IDR839bn	produced 141k oz	Copper and 67% of Pani	Tsingshan on Acid	project, consolidated in MBM	
			of gold	Gold Project	Iron Metal Project	IDR99tn mkt. cap.	

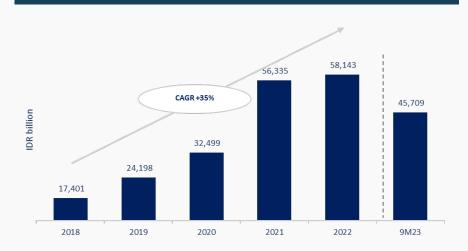
Primaya Hospital

2016	2017	2018	2019	2020	2022
4 hospitals und	der Launched RS	Launched RS Awal	Launched RS Awal Bros	Rebranding to	Listed on IDX
the Awal Bros I	brand Awal Bros East	Bros Palangkaraya	Inco Sorowako and North	Primaya Hospital	IDR11tn mkt. cap.
c. 800 beds	Bekasi		Bekasi	9 hospitals, 1k beds	15 hospitals, over 2k beds

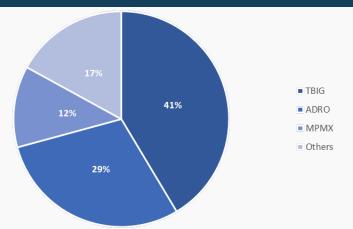
Delivering Growth from Both Listed and Unlisted Investee Companies



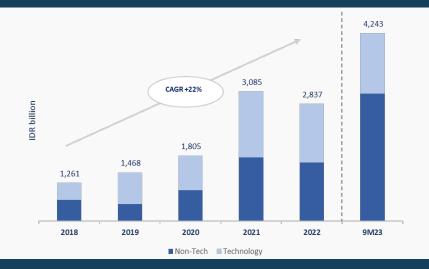
Robust Growth of Listed Portfolio



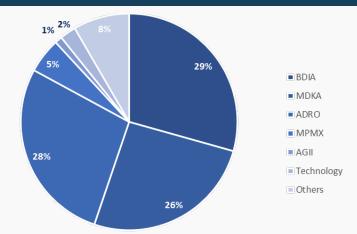
Dec 2013 - IDR 20.1tn Portfolio Breakdown



Access to Upside Potential from Unlisted Portfolio

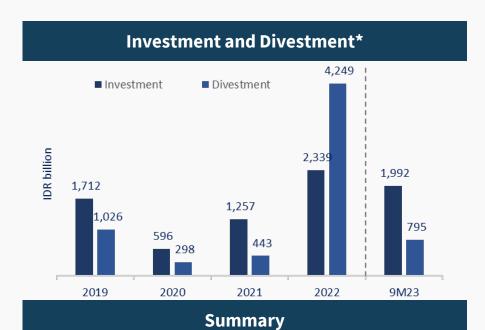


Sep 2023 - IDR 50tn Portfolio Breakdown*



Active Investment and Divestment with Diversified Dividend Stream





Saratoga increased its stake in MBL to 62.9% from 32.0% and invested in one new company, ZAP.

 Received dividend income of IDR 1.7tn in 9M23 driven by ADRO, MPMX, and TBIG.

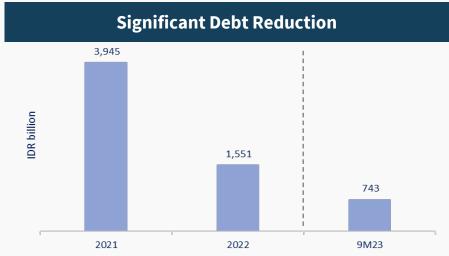


^{*}For 2022, investment and divestment related to TBIG restructuring are netted Figures are in IDR billion, unless otherwise stated Data as of September 2023

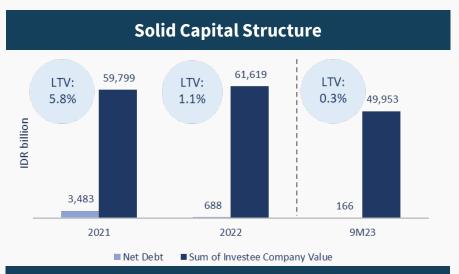
Source: Company information

Strong Financial Profile and Multiple Sources of Funding









Access to Multiple Sources of Funding

Banking partners for revolving credit facility and bilateral loans:













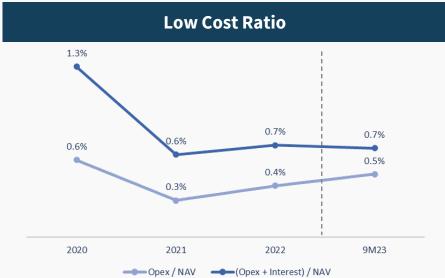


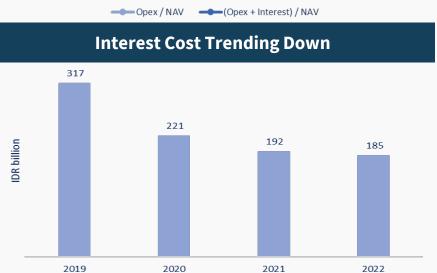


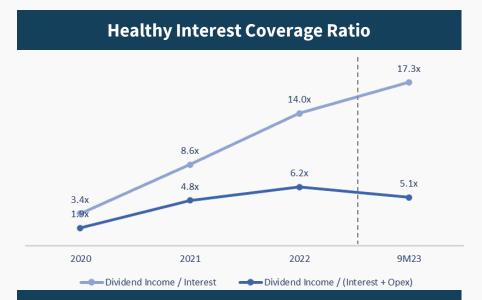


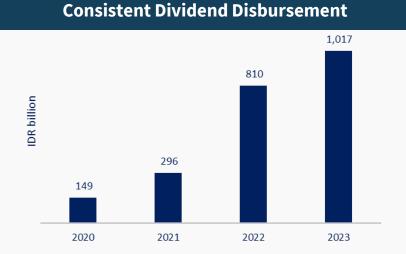
Low Cost-Structure and Healthy Coverage Ratio Allow Consistent Dividend Disbursement

















NAV is calculated using the sum of the parts methodology, adjusted for debt and cash balance; Listed companies were valued based on market price for the day; Unlisted companies were valued based on cost method (investments under one year) and fair value (beyond one year); FX rates used were based on Bank Indonesia mid rates as published during the day

Data as of October 2023

Financial Highlights



9M23 .2,871)	9M22 7,582	% Y-Y n.m.
.2,871)	7,582	n.m.
1,699	1,390	22%
(73)	(151)	(52%)
(175)	(163)	7%
.1,405)	8,586	n.m.
802	(1,426)	n.m.
0,603)	7,160	n.m.
M23	9M22	% Y-Y
49,953	65,443	(24%)
577	1,081	(47%)
50,717	66,612	(24%)
734	1,660	(56%)
2,403	4,267	(44%)
1	(175) 1,405) 802 0,603) M23 49,953 577 60,717	(175) (163) 1,405) 8,586 802 (1,426) 0,603) 7,160 1,423 9M22 1,423 9M22 1,426)

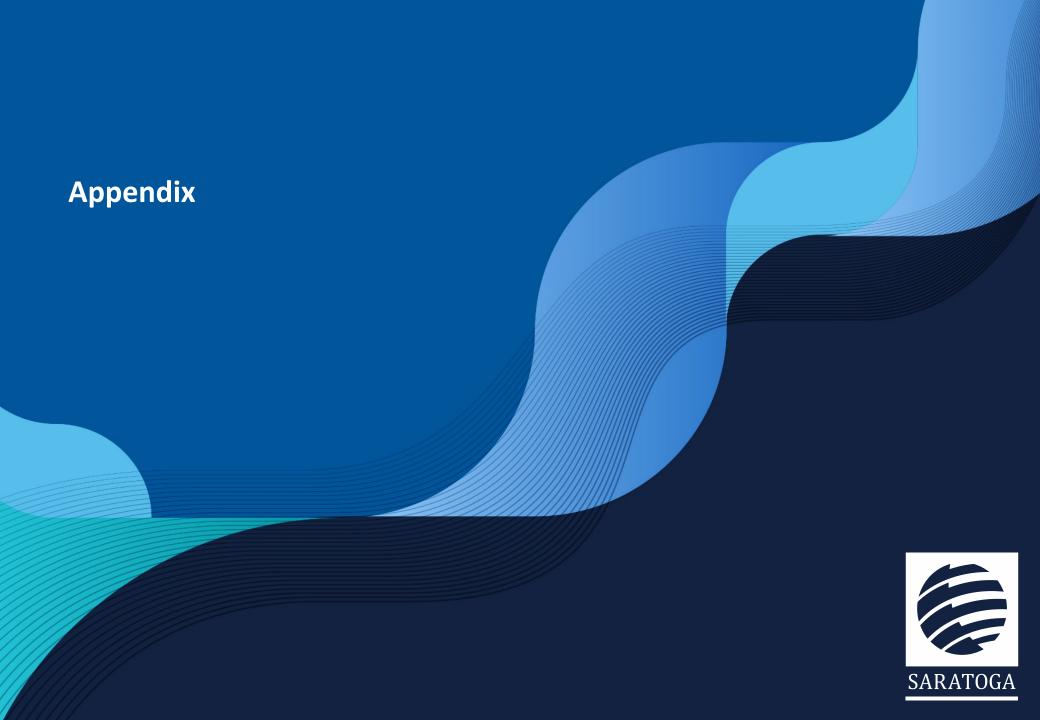
Summary

- SRTG booked a net profit of IDR 1.6tn in 3Q23, improving from the IDR 16.6tn net loss in 2Q23 driven by recovery in the mark-tomarket portfolio value especially ADRO.
- This brings 9M23 net loss to IDR 10.6tn, mainly driven by YTD decrease in ADRO and MDKA share price.
- SRTG further deleveraged its debt position to IDR 743bn in 9M23 from IDR 944bn in 1H23, bringing net debt to IDR 166bn (-72% Y-Y). This also resulted in interest expenses declining 52% Y-Y in 9M23.

Thank you

For more information please contact investor.relations@saratoga-investama.com





Merdeka Battery Materials Assets Overview





 Mineral resource of 1.1 billion dmt containing 13.8Mt of nickel (77% limonite) and 1.0Mt of cobalt



 Developing multiple HPAL plants in partnership with leading battery material companies such as GEM and CATI



 Three operating plants with a combined nickel in NPI production capacity of 88ktpa



 Nickel matte conversion facility processing low-grade nickel matte to produce on average 50ktpa of highgrade nickel matte



 AIM will produce multiple products including acid and steam for use in HPAL plants



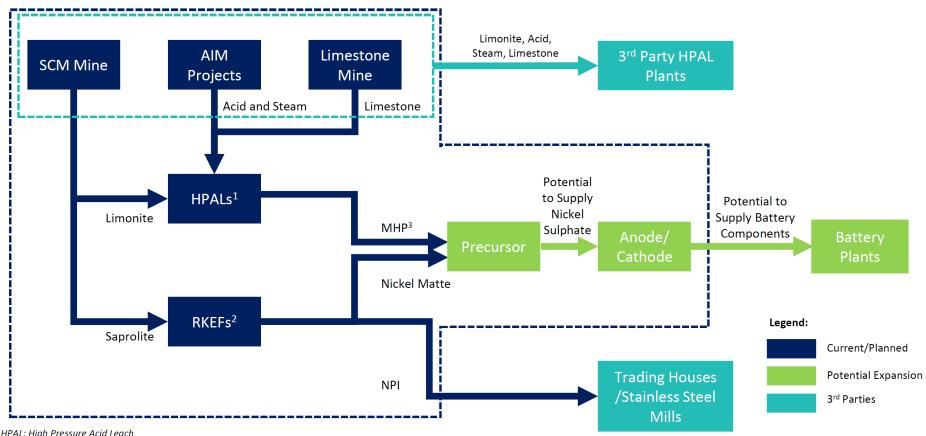
 A battery materials focused industrial park to be constructed inside the 21,100 ha SCM mine concession area Central and South East Sulawesi



- 1. 20km is from SCM's IUP boundary to BDM's haul road; it excludes the roads inside SCM's IUP
- 2. MBM's haul road connects to BDM's haul road, and MBM has signed a long-term agreement to use BDM's haul road for transporting nickel ore
- 3. HPALs future location within IKIP

Merdeka Battery Materials EV Battery Value Chain





- 1. HPAL: High Pressure Acid Leach
- 2. RKEF: Rotary Kiln-Electric Furnace
- 3. MHP: Mixed Hydroxide Precipitate

Adaro Energy Indonesia Business Pillars





Main operating pillar: pit-to-power integration to provide reliable and affordable energy

Core thermal coal operations in Indonesia supported by the group's mining services and logistics contractors Operates coal-fired power plants in several areas in Indonesia

Forest for carbon capture, water treatment and water management



Growth pillar: metallurgical coal and other metals and minerals for green economy

 $Metallurgical\ coal\ operations\ in\ Indonesia\ through\ PT\ Adaro\ Minerals\ Indonesia\ Tbk\ (IDX:\ ADMR)$

Developing green industrial park and aluminum smelter for EV battery ecosystem in Indonesia



Growth pillar: renewable energy to support

Developing green energy sources: hydro, solar, wind

Actively participate in tender of renewable power plants in Indonesia and in the region

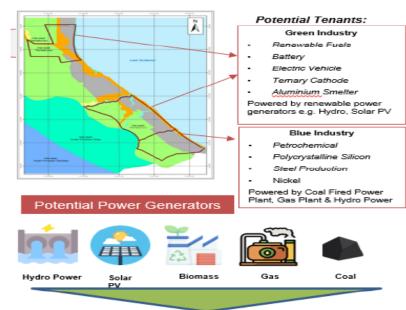


Solid financial position and strong liquidity enable the group to capture growth opportunities across the energy ecosystem

The World's Largest Green Industrial Park – Located in N. Kalimantan



- Located in a very strategic location in terms of export & import, and potential supply of mineral sources and smelting industries.
- Total area of 16,000 Ha, consists of 2 (two) large overlay area 11,500 Ha and 4,700 Ha.
- Potential development of a large-scale public port to support the industrial logistics.
- Huge potential of Hydro Power Plants development to power the industrial estate.



More than 10 GW power potential





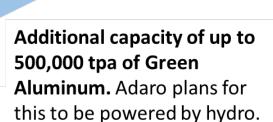


Aluminum Smelter in Kaltara Industrial Park











Production capacity: **500,000 tpa aluminum**. Adaro plans to invest in the smelter's power generation.

Potential replication of Phase I:

Additional production
capacity of up to 500,000 tpa
aluminum. Adaro may invest
in the smelter's power
generation. Power generation
will likely be a hybrid of coal
and renewables