



AIM : ARS

# ASIAMET RESOURCES

## **COPPER TO POWER ASIA'S ENERGY TRANSITION**

**BUILD READY PROJECT + EXCITING GROWTH PIPELINE**

Perfectly timed to meet rising demand

Annual General Meeting

June 2023

---



# FORWARD LOOKING STATEMENT



The information contained in this confidential document (the “**Presentation**”) has been prepared by Asiamet Resources Limited (the “**Company**” or “**Asiamet**”) solely for informational purposes.

Information contained herein does not purport to be complete and is subject to certain qualifications and assumptions and should not be relied upon for the purposes of making an investment in the securities or entering into any transaction. The information and opinions contained in the Presentation are provided as at the date of this Presentation and are subject to change without notice and, in furnishing the Presentation, the Company does not undertake or agree to any obligation to provide recipients with access to any additional information or to update or correct the Presentation.

Except as required by applicable law or regulation, none of the Company or any of its directors, officers, partners, employees, agents, affiliates, representatives or advisers undertakes or agrees any obligation to update or revise any forward-looking or other statement or information in this Presentation, whether as a result of new information, future developments or otherwise and the Company or any of its directors, officers, partners, employees, agents, affiliates, representatives or advisers or any other party undertakes or agrees or is under a duty to update this Presentation or to correct any inaccuracies in, or omissions from, any such information which may become apparent or to provide you with any additional information. No statement in this Presentation is intended as a profit forecast or profit estimate (unless otherwise stated).

To the fullest extent permitted by applicable law or regulation, no undertaking, representation or warranty or other assurance, express or implied, is made or given by or on behalf of the Company or any of its parent or subsidiary undertakings or the subsidiary undertakings of any such parent undertakings or any directors, officers, partners, employees, agents, affiliates, representatives or advisers, or any other person, as to the accuracy, sufficiency, completeness or fairness of the information, opinions or beliefs contained in this Presentation. Save in the case of fraud, no responsibility or liability is accepted by any person for any errors, omissions or inaccuracies in such information or opinions or for any loss, cost or damage suffered or incurred, howsoever arising, directly or indirectly, from any use of, as a result of the reliance on, or otherwise in connection with, this Presentation. In addition, no duty of care is owed by any such person to recipients of this Presentation or any other person in relation to the Presentation.

This presentation contains “forward-looking statements” including but not limited to, statements with respect to the Company’s plans and operating performance, the estimation of Mineral Reserves and Mineral Resources, the timing and amount of estimated future production, costs of future production, future capital expenditures, and the success of exploration activities. Generally, these forward-looking statements can be identified by the use of forward-looking terminology such as “expects”, “expected”, “budgeted”, “forecasts” and “anticipates”. Forward-looking statements, while based on management’s best estimates and assumptions, are subject to risks and uncertainties that may cause actual results to be materially different from those expressed or implied by such forward-looking statements, including but not limited to: risks related to the successful integration of acquisitions; risks related to international operations; risks related to general economic conditions and credit availability, actual results of current exploration activities, unanticipated reclamation expenses; changes in project parameters as plans continue to be refined; fluctuations in prices of metals including gold; fluctuations in foreign currency exchange rates, increases in market prices of mining consumables, possible variations in ore reserves, grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes, title disputes, claims and limitations on insurance coverage and other risks of the mining industry; delays in the completion of development or construction activities, changes in national and local government regulation of mining operations, tax rules and regulations, and political and economic developments in countries in which the Company operates.

Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements.





# COMPANY OVERVIEW

Quality Assets with the right metals at the right time

## HIGH QUALITY PORTFOLIO

- Rare portfolio of base and precious metal projects with district scale upside
- BKM – Heap Leach SXEW copper cathode project FS updated – financing progressing
- BKM – Significant Primary Copper Resource to exploit
- BKZ – High grade Zn-Pb-Cu-Ag-Au deposit growth potential
- Beutong – large copper gold porphyry deposit with 2.4Mt in JORC compliant resource.

## COMPELLING VALUE BIG GROWTH

- JORC (2012) Resources contain 2.9Mt Cu, 2.1Moz gold, 22Moz silver, 101kt Zn, 40kt Lead (100% basis)
- >US\$80m exploration and evaluation expenditure
- All deposits open in multiple directions – huge upside
- Significantly undervalued on any valuation metric
- Clear path to Copper Cathode production.
- Phased development of KSK
- Beutong previous studies 25-30ktpa starter project.

## PROVEN TEAM

- Internationally recognised team with proven track record of building and operating mines
- +30 years Asian regional mine development and operations experience e.g. Sepon, Martabe, Nui Phao, Mt Muro
- Supportive Major Shareholder – PT Delta Dunia Makmur
- Management with a substantial holding in the Company



# CORPORATE PROFILE

-  **Energy transition metals**
-  **Path to production**
-  **Indonesia – right place, right time**
-  **Direct presence in Indonesia**
-  **Leadership invested 10% of share capital**

## SHARE PRICE

 **1.15p**

Share price 09/06/23

## MARKET CAPITALISATION

 **£24.1m**  
**\$31.5m**

2,187.1 million shares on issue

## CASH

 **US\$5.18m**  
**Million**

No Corporate Debt  
Cash (as at 31 Dec 2022)

## MAJOR SHAREHOLDERS



Delta Dunia Makmur Tbk	<b>24.18%</b>
Asipac	<b>5.63%</b>
Board and Management	<b>4.46%</b>

Delta Dunia Makmur last reported 31/12/22    ASIPAC position as at 31/12/22

## COPPER RESOURCES (JORC 2012) ATT. TO ASIAMET

**2.4 Mt Total**  
**0.5 Mt BKM**  
**1.9 Mt Beutong**

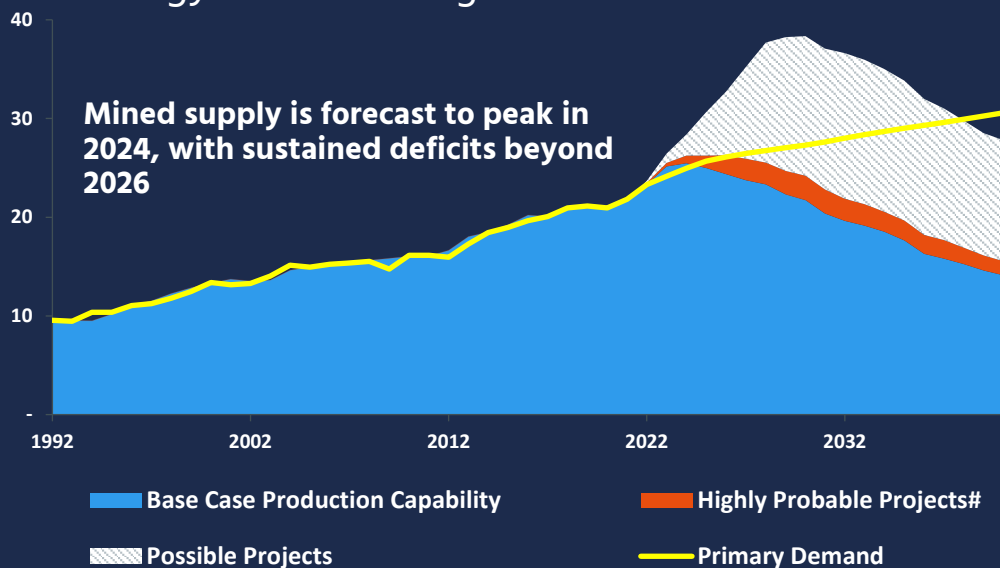
\*Board and Management excludes Director Bruce Sheng who has a beneficial ownership through his interest in Asipac Group

# COPPER IN THE GLOBAL CONTEXT

## Growing mismatch between supply and demand

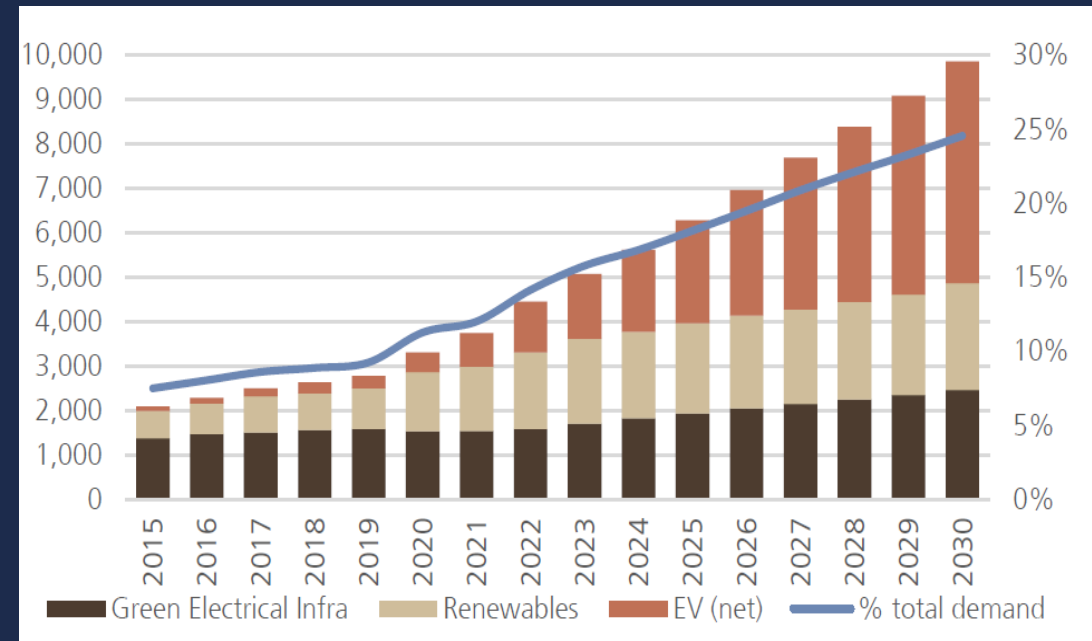


- Forward outlook for copper is strong
- Mine production moving into structural deficit
- Energy transition significantly increases future copper consumption over and above base level demand
- New copper supply must be incentivised to meet Energy transition targets.

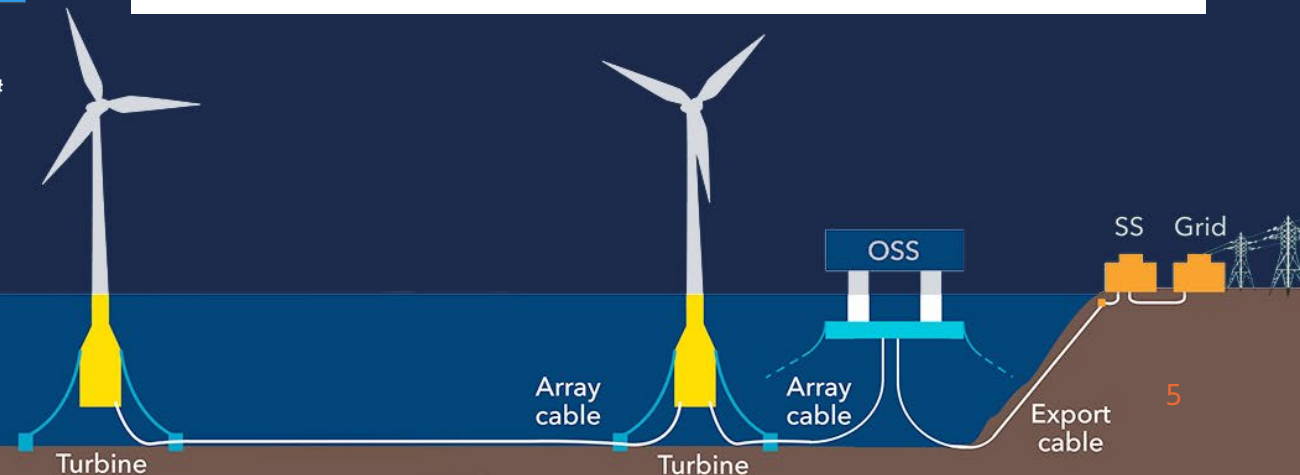


### Copper Demand Growth for the Energy Transition

Inflection point reached 2021 - The tipping point in take-up of EVs



Source: Various Company Research, UBS Research.



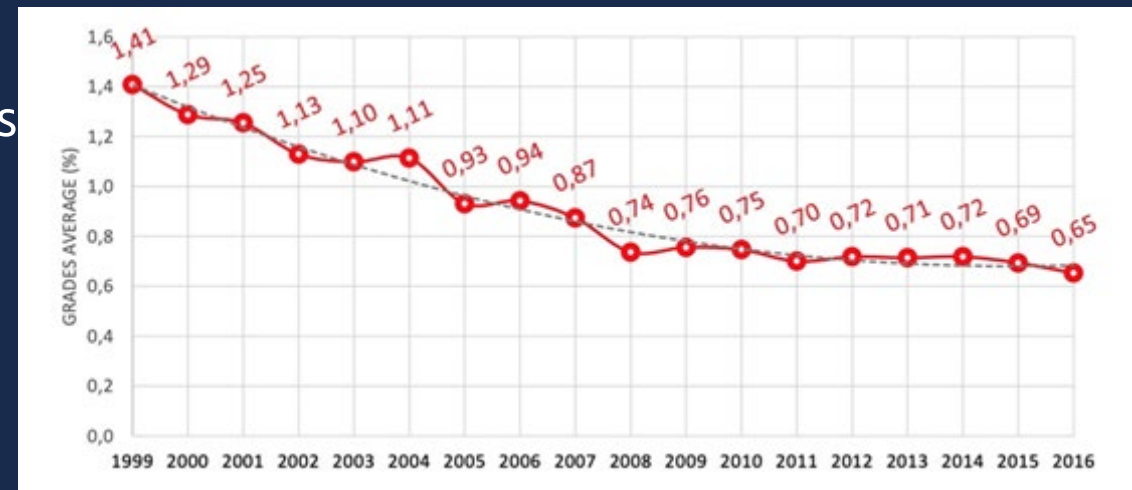
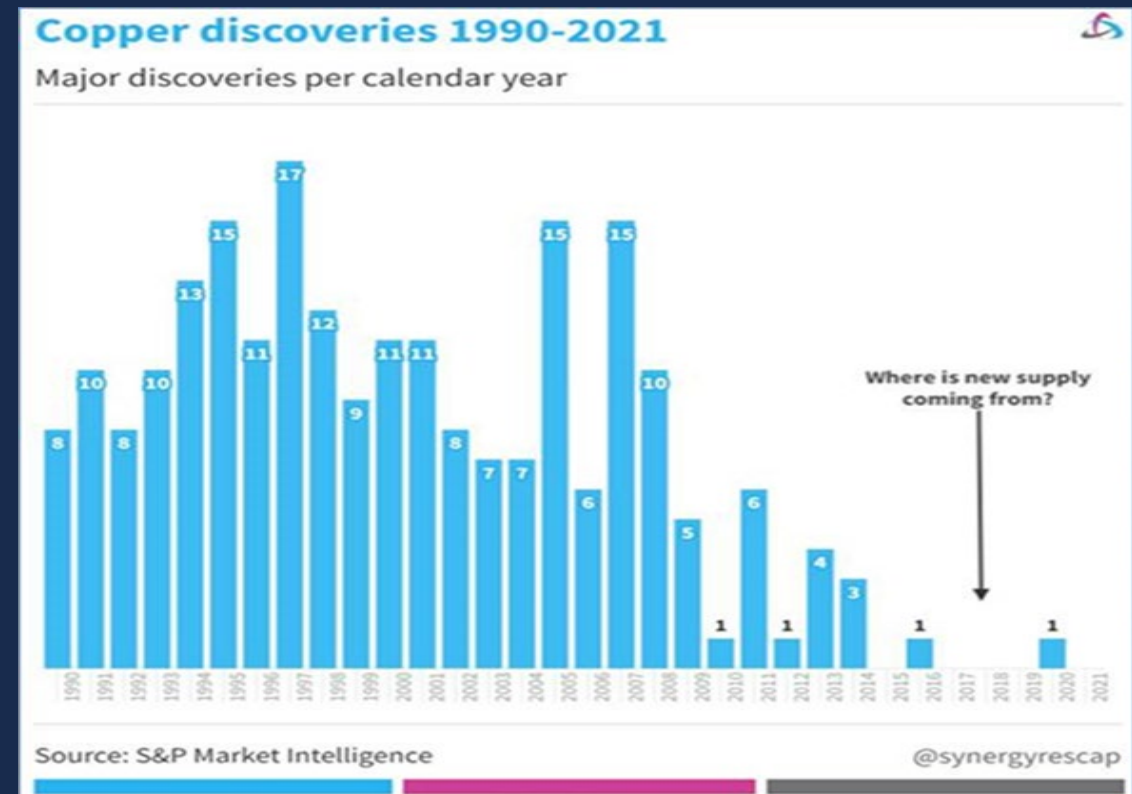


# COPPER IN THE GLOBAL CONTEXT

## Growing mismatch between supply and demand



- Where is new copper supply going to come from?
  - Few new discoveries
  - Timelines to production extending  
Many factors impacting (capital availability, environmental, social)
  - Bodes well for prolonged period of elevated copper prices
- 
- Copper mine grades declining
  - Larger, more capital intensive projects to deliver same metal
  - Sustained price incentive and new technology required



# ASIAMET PROJECTS OVERVIEW





# ASIAMET 2022 – 2023 ACHIEVEMENTS



## 2022

- 🦅 BKM FS Update scope of work re-shaped - new pit optimisation and physicals
- 🦅 PPKH Permit processes well advanced with all items excluding final item completed
- 🦅 US\$3M private placement with DOID - shareholding increased to 24.3%
- 🦅 Completed first ESG Materiality Assessment - developed ESG Strategy Platform

## 2023

- 🦅 Declared Updated Economic Ore Reserve as part of BKM FS Update
- 🦅 Delivered BKM FS Update Executive Summary and Financial Model
- 🦅 Engaged potential lead banks (senior debt) and Independent Technical Expert (ITE)
- 🦅 Appointed Grant Samuel as Corporate Advisor for debt-equity process and M&A
- 🦅 China Zenith Capital appointed to source China related debt-equity



# BKM COPPER PROJECT

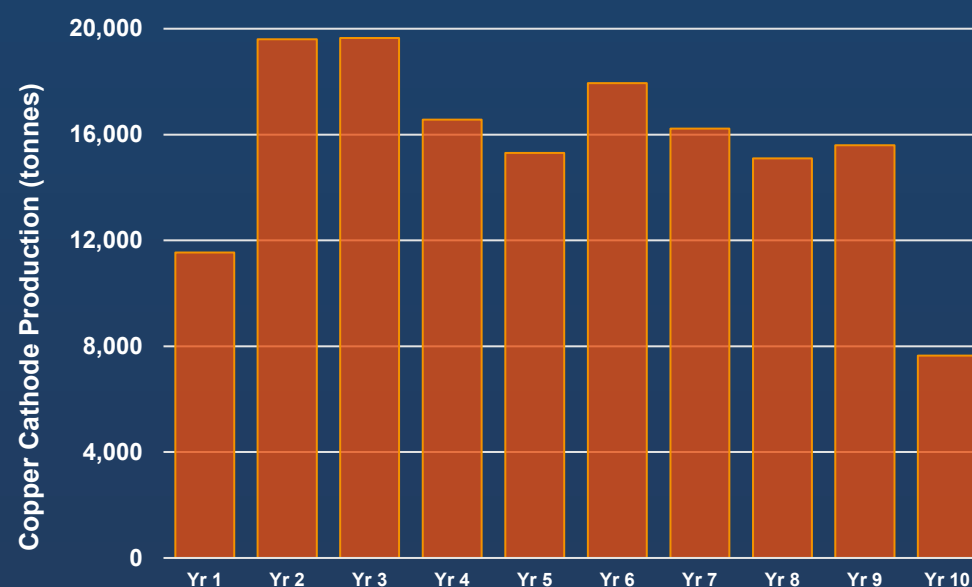
## Physicals and Production Profile



### PROJECT PHYSICALS

Item	Unit	Value
Mine life (initial)	Years	9.2
<b>Mining</b>		
Mining method	-	Open pit
Mined ore tonnes	Mt	38.4
Mined waste tonnes	Mt	52.5
Strip Ratio	Waste:Ore	1.37:1
<b>Processing</b>		
Processing method	-	Heap-leach and SX-EW
Copper grade (soluble)	Cu %	0.51
Soluble Copper recovery (overall LOM)	%	78.6
Copper recovered	kt	156.3

### PRODUCTION PROFILE



- Low 1.37:1 life of mine (LOM) Strip Ratio
- Mining 9.2 yrs, copper cathode production over 10 yrs.
- Higher soluble copper grades delivers strong cash flow in early years enables rapid payback
- Post initial ramp-up ore mined is consistent over LOM

# BKM COPPER PROJECT FEASIBILITY STUDY

## Robust Economics



**\$162.8m**

NPV<sub>8</sub>  
(post tax, excl. closure)

**\$1.4bn**

Initial LOM  
Revenues

**3.4 yrs**

Payback Period

**21.0%**

IRR  
(post-tax, excl closure)

**\$655.3m**

EBITDA (LOM)

**9.2 yrs**

Initial life of Mine

**\$1.91/lb**

C1 Cash Costs

**5.95p**

Project NPV<sub>8</sub>  
per share

**Significant  
Upside**

All references to NPV uses a long-term copper price of \$3.98/lb.

All dollars are US dollars unless otherwise stated.

Project NPV<sub>8</sub> (post tax, excl. closure costs) per share is based on shares outstanding as at 1 May 2023.



# BKM COPPER PROJECT FEASIBILITY STUDY

## Key Sensitivities – Copper Price

Financial and Economic Metrics – Copper price sensitivity				
Item	Unit	Base Case	Avg YTD Copper Price <sup>(1,3)</sup>	Goldman Sachs Incentive Pricing <sup>(2,3)</sup>
Copper price	US\$/lb	<b>3.98</b>	<b>4.06</b>	<b>4.54</b>
Revenue	US\$m	1,396.6	1,415.0	1,580.5
EBITDA	US\$m	655.3	673.2	833.7
NPAT	US\$m	378.6	396.2	552.5
NPV <sub>8</sub> (post-tax, excl. closure)	US\$m	<b>162.8</b>	<b>171.2</b>	<b>260.9</b>
IRR (post-tax, excl. closure)	%	21.0	21.3	27.3
Payback period	Years	3.4	3.4	2.8

1. Average YTD copper price (1 January 2023 to 28 April 2023)

2. Source: "Goldman Sachs Copper Top Projects 2022, A Deficit on the Horizon"

3. No changes were made to FX assumptions from Base Case.

 Forecast strong copper prices expected to deliver significant cash flows

 Initial BKM Project development establishes infrastructure and cashflow – starter project which enables multi-stage development and production expansion within the KSK Contract of Work.



# BKM COPPER PROJECT

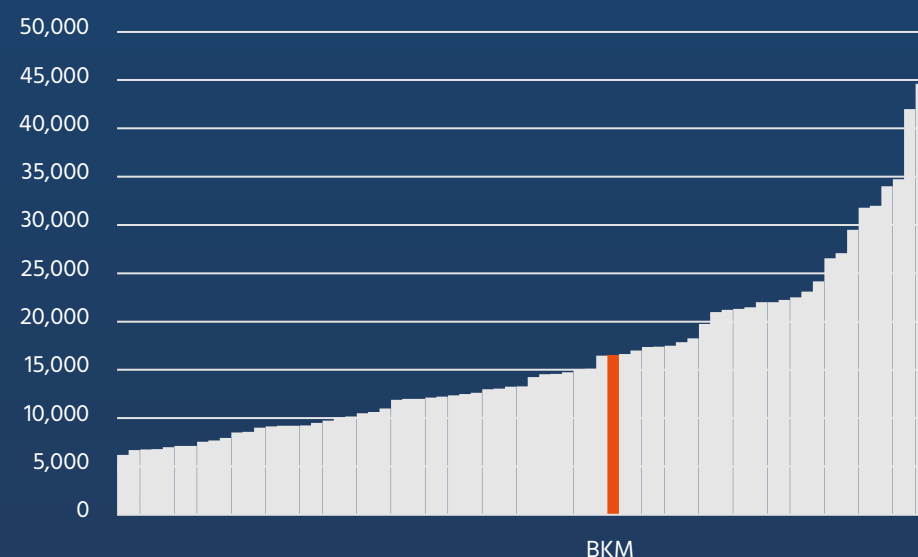
## Capital Expenditure and Capital Intensity



### Capital Expenditure

Item	US\$m
Mining Infrastructure	5.4
Crushing, Agglomeration and Stacking	19.0
Heap-Leach	31.7
SX-EW (incl Neutralisation)	27.1
Process Area, Services and Utilities	17.6
Infrastructure	45.1
Construction indirect	34.6
EPCM & Owners Cost	28.2
Contingency and Growth	26.7
<b>Total</b>	<b>235.4</b>

### Capital Intensity \$/t Cu



- Low capital intensity relative to new project development peers
- Opportunities for reducing capital cost to be further assessed in detailed engineering design phase

Capital cost estimate excludes escalation, mine closure costs and sustaining capital  
 Capital intensity chart source: S&P Global Market Intelligence (2023), Company Data

# BKM COPPER PROJECT

## Next Steps



- 🦅 Complete BKM Mining License Permit (PPKH to PAK) aligned with project finance
- 🦅 Appointed Grant Samuel as lead Corporate Advisor, Zenith Capital Partners leading engagement into China on BKM project financing opportunities.
- 🦅 Appoint lead bank for the senior debt project financing – Bank Reps visiting BKM site in early July
- 🦅 Lead bank appointed Independent Technical Expert completing a detailed review of the 2023 FS – ITE visit to BKM site in early July
- 🦅 Close out outstanding work on capital and operating costs savings opportunities
- 🦅 Commence engineering design works Some site activities in support of detailed engineering design
- 🦅 Continue project finance discussion including engaging parties in relation to bank debt, product offtake, equipment finance, financing through engineering design and supply of equipment, potential export credit finance



# SIAMET CORPORATE DEVELOPMENT



## Grant Samuel

- BKM project financing including debt advisory, prepayment/offtake agreements, alternative financing proposals, evaluate
- Evaluate various alternative financing options for the business
- Assist negotiations with interested parties on potential M&A transaction

## Zenith Capital

- Engagement focused on opportunities within China.
- Engineering and procurement based financing for BKM Copper project
- Introduce and engage parties on potential M&A opportunities, deliver into overall corporate development strategy.

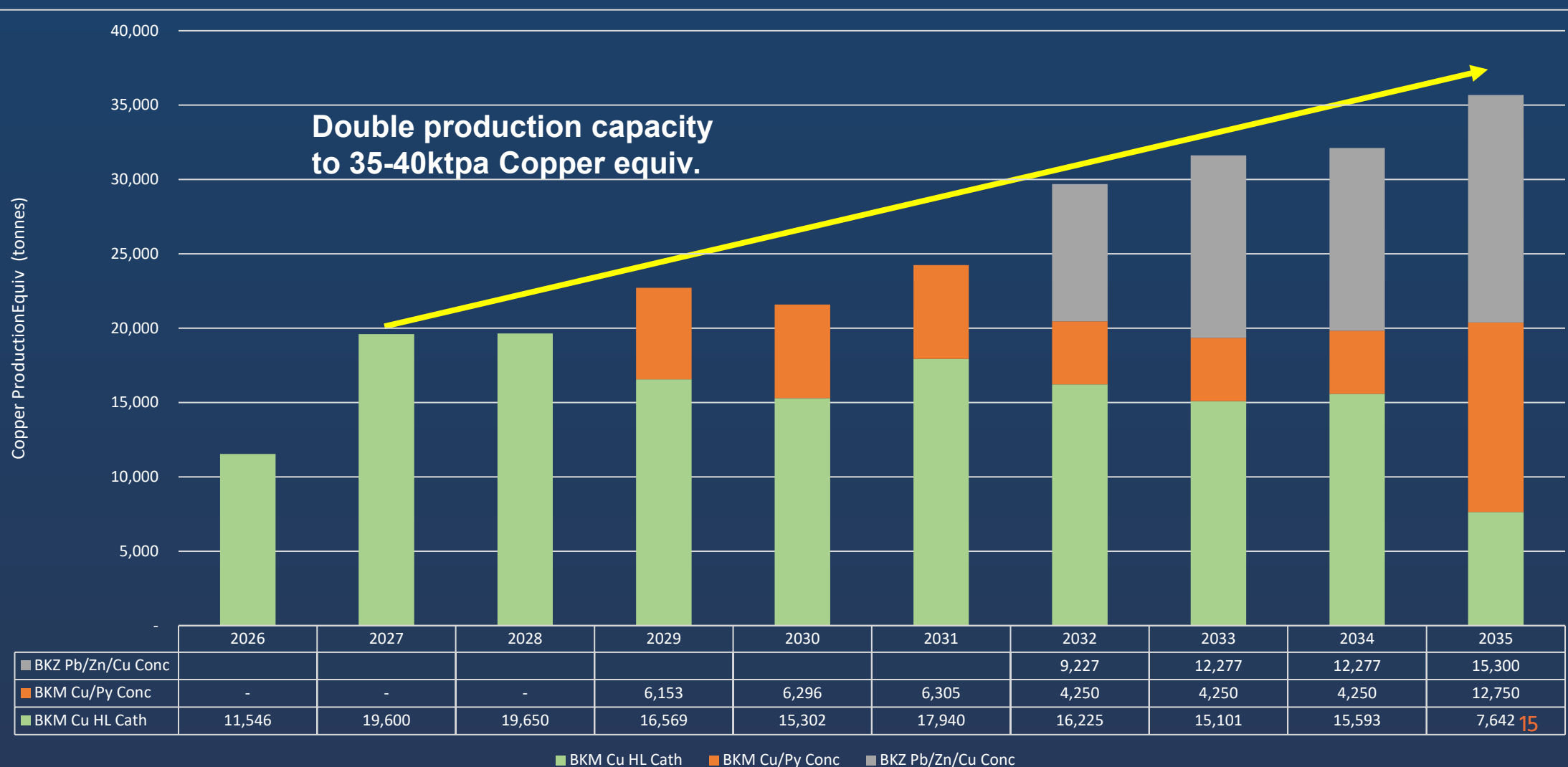


# KSK LONG TERM STRATEGY: 35-40KTPA CUEQ



## Three Phase development to reach 35-40ktpa copper equivalent production

- Phase 1 - BKM Copper Heap Leach SX-EW – Copper Cathode
- Phase 2 - BKM Copper / Pyrite Concentrate – Copper Cathode (Roaster/Refinery), Sulphuric Acid
  - Potential to deliver 300ktpa Sulphuric Acid Production
- Phase 3 – BKZ Polymetallic Concentrate – Lead, Zinc and Copper in concentrates.
  - Lead and Zinc in Concentrate produced first, shown as equivalent copper tonnes



# KSK LONG TERM STRATEGY



## PHASE 1 – BKM Copper Heap Leach SXEW

- Heap Leach gets into production of copper cathode – direct sale to international markets
- Establish infrastructure to support existing and long-term operations.
- Copper Cathode production 19.6kt in Years 2 and 3, 16ktpa remaining life of mine.

## PHASE 2 – BKM Copper / Pyrite Concentrate Float / Roast / Refine

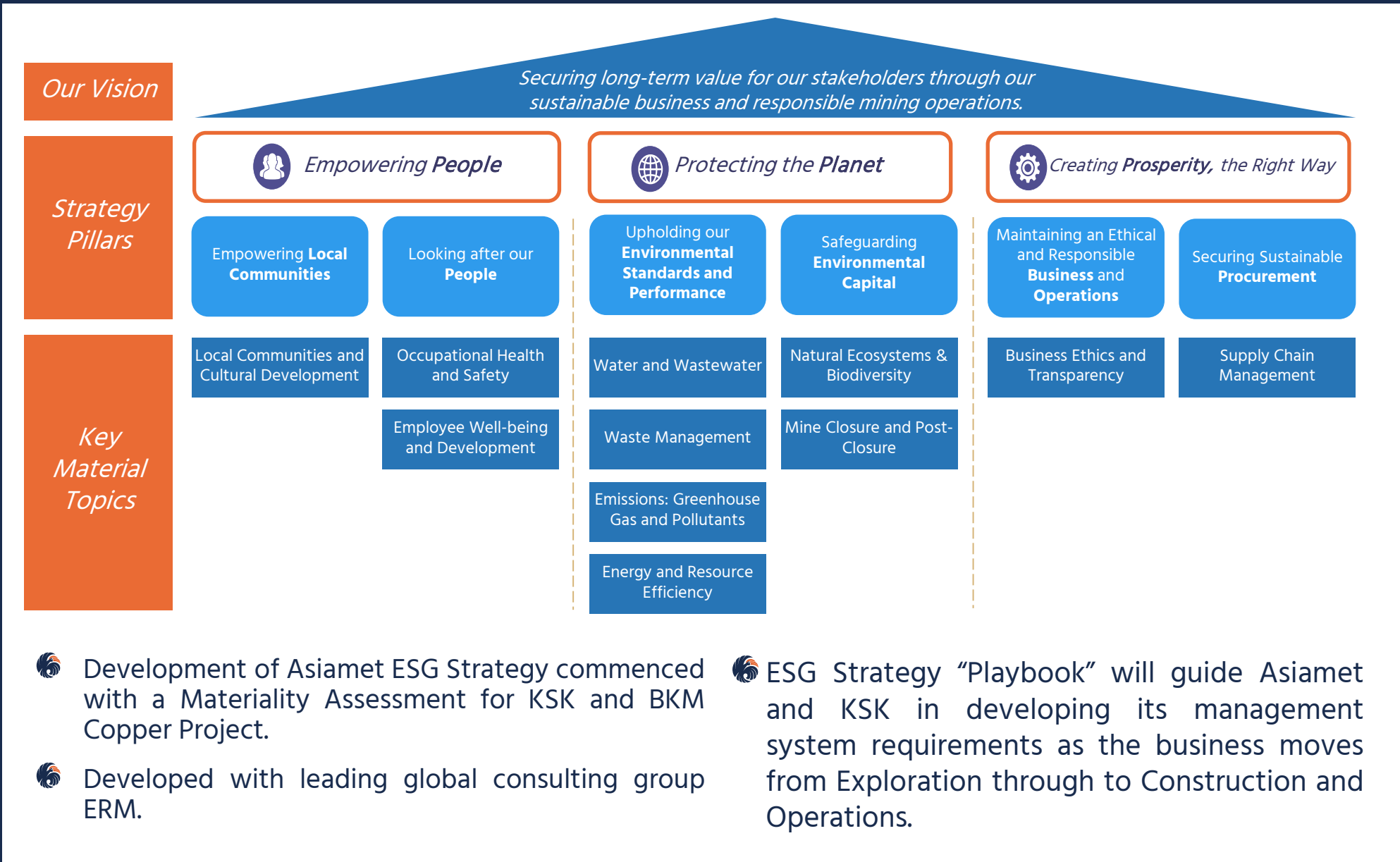
- Latent capacity in BKM Copper Crushing circuit to feed a new mill/Flotation circuit.
- Filter concentrate offsite, transport filtered concentrate to new Concentrate Roaster / Copper Refinery
- Roaster recovers Iron Oxide and Sulphuric Acid from Pyrite, copper refinery produces copper cathode.
- Initial scale 250ktpa Concentrate production/treatment
- Update BKM Pit Optimisation as Pyrite has value, Retreat Spent Ore from Heap Leach

## PHASE 3 – BKZ Lead / Zinc / Copper Concentrate Float

- Expand Flotation Circuit for recovery of three separate concentrates (Lead / Zinc / Copper)
- Upgrade Concentrate pipeline and filter plant offsite to treat higher volume of new concentrates.
- Lead and Zinc concentrate to smelters in Central Kalimantan (only smelters in Indonesia)
- Upgrade Pyrite Roaster circuit to treat higher grade copper concentrate.

# ASIAMET ESG STRATEGY FRAMEWORK

## Asiamet / KSK ESG Development Strategy







# ASIAMET ESG HIGH LEVEL ACTION PLAN

## Environment

- Review permit requirements;
- Conduct environmental impact assessment;
- Develop an updated environmental management plan (including due diligence procedures with our suppliers).
- Review existing Environmental Policy, manuals, procedures.

## Community and Social

- Analyse current CSR Programs;
- Perform human rights impact assessment and its mitigation measures;
- Review current grievance mechanism;
- Establish employee development programs.

## Health and Safety

- Develop occupational health & safety (OHS) management plan;
- Review existing OHS policy, manuals and procedures;
- Review current hazards identification analysis;
- Review implementation of existing monitoring programs.

## Governance

- Analyse current ESG governance;
- Enhance competency on ESG issues, specifically around the key material topics;
- Engage with sustainability experts to review ESG compliance to applicable standards;
- Establish and implement ESG reporting and process.

# WHY INVEST IN ARS?



## QUALITY ASSETS & PEOPLE

- 🦅 Focussed **team with a proven track record** - Indonesia, discovery, mine development
- 🦅 Large and growing copper resource inventory of circa **3Mt contained copper**, solid grade, significant upside
- 🦅 KSK CoW hosts **development ready BKM copper project**; substantial near- term value
- 🦅 **Beutong** is a rare large **tonnage copper-gold deposit** close to key infrastructure and major consumer markets in Asia
- 🦅 **Strong support** from government and community relationships

## VALUE

- 🦅 **Sustained strong copper demand** driven by Asian economic growth, renewable energy infrastructure and EV's
- 🦅 **Supply is constrained** due to a lack of exploration discovery and investment in new projects
- 🦅 **Trading at a deep discount** to comparable assets on all historical market metrics
- 🦅 **KSK Long Term Strategy** to deliver 35-40ktpa equiv. copper production with multiple additional value products (Sulphuric Acid, Gold, Silver)
- 🦅 **Beutong Strategy** deliver 25-30ktpa copper with gold/silver credits via starter project

## TIMING

- 🦅 **Copper is key** to decarbonisation of energy systems
- 🦅 **Indonesia** is positioning itself as the **energy metals hub of Asia**
- 🦅 **Strong news flow** expected from BKM project financing and potential partnerships for BKM and Beutong.



# ASIAMET RESOURCES

## CONTACT INFORMATION

**AIM | ARS**

Darryn McClelland  
**Chief Executive Officer**

E: [darryn.mcclelland@asiametresources.com](mailto:darryn.mcclelland@asiametresources.com)

W: [www.asiametresources.com](http://www.asiametresources.com)