

# Asiamet / PT KSK / BKM Project Development Impact

**NEW** INDONESIAN BASE METALS SUPPLY

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### **COMPANY OVERVIEW**



### Quality Assets: Right metals / Right Time / Right Location

### HIGH QUALITY PORTFOLIO

- Rare portfolio of base and precious metal projects with district scale upside
- BKM Heap Leach SXEW copper cathode project progressing towards mine development
- BKZ High grade Zn-Pb-Cu-Ag-Au deposit growth potential
- KSK VHMS district scale opportunity
- Beutong large copper gold porphyry deposit with Measured & Indicated resource.

### COMPELLING VALUE DISTRICT SCALE

- 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
- District scale opportunity at KSK, underexplored for high value VHMS deposits.
- Significantly undervalued on any valuation metric

#### **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
- Strong Indonesian partnerDelta Dunia Makmur
- Management with a substantial holding in the Company (>10%)

### **PROJECTS OVERVIEW**





Singapore

Beutong IUP (80%)

20yr + 2\*10yr Extensions

**Resources (JORC 2012)** 

Copper – 2.4Mt (100%)

Gold - 2.11M Oz (100%)

Silver - 20.9M Oz (100%)

Large Cu-Au-Mo Porphyry
Deposit

Outstanding potential to grow the resource

**Excellent access to infrastructure.** 

Indonesia

Malaysia

Asiamet Corporate
Office

Jakarta

KSK Contract of Work (100%)

30yr + 2\*10yr Extensions Resources (JORC 2012)

Copper – 473kt

Zinc – 101kt

Lead – 40kt

Gold - 21.8k Oz

Silver 3.31M oz

**Newly recognised VHMS District** 

**Outstanding exploration results** 

High potential to grow Resource

## KALIMANTAN KSK COW BKM COPPER PROJECT



**MAY 23 FEASIBILITY STUDY OUTCOMES** 

\$162.8m

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

\$1.4bn

Initial LOM Revenues

156kt

LOM Copper Produced

3.4 yrs
Payback Period

21.0%

IRR (post-tax, excl closure) 10 yrs
Copper Production

\$1.91/lb

5.95p

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

Significant Upside

## KALIMANTAN KSK COW BKM COPPER PROJECT



#### POTENTIAL SOCIAL IMPACT OF BKM PROJECT

~160

PT KSK OPERATIONS
LOCAL POSITIONS
FOR DAV'S

~250

CONTRACTOR
LOCAL POSITIONS
FOR DAV'S

\$3.5M

PT KSK COMMUNITY
DEVELOPMENT
PLAN SPEND

~ \$9M

PT KSK LOCAL DAV SALARIES PAID OVER LOM ~\$15M

CONTRACTOR
LOCAL SALARIES
PAID OVER LOM

~\$1.2M

GENERAL OFFICE CONSUMABLES (LOCAL SUPPLY)

~\$10M

LOM LOCAL
CONTRACTOR
LIMESTONE SUPPLY

~\$38M

ROYALTIES PAID TO GOI LOM

~\$5M

LOM CONSUMABLE SUPPLY TO KSK CAMP

#### KALIMANTAN KSK COW

#### **SOCIAL SETTING**





Total 32 villages
23 villages in Gunung Mas District
9 villages in Katingan District



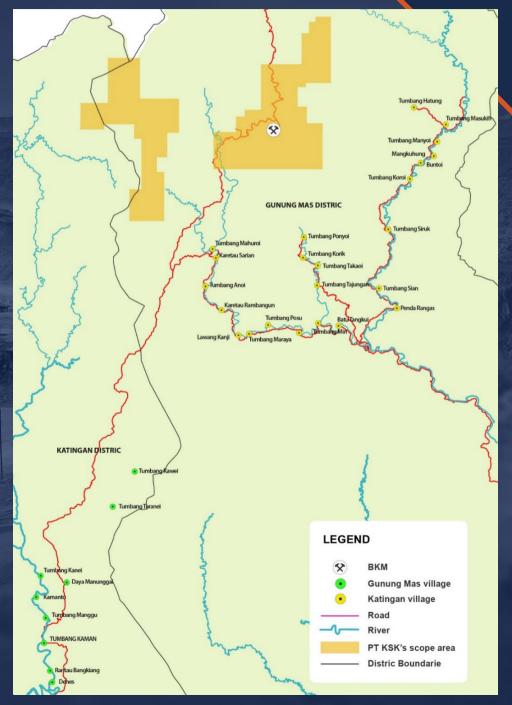
Total Population of 4,288 household and 20,456 people (47% women, 26% children)



Located in remote area 70 – 200 Km from district capital city and many accessible only by river



**Up to 12 hrs of travel from Palangkaraya** 





## Indigenous Dayak



Two main sub-ethnic groups of Dayak:
Dayak Katingan
Dayak Kahayan



## Main Livelihood



Artisanal Smallscale Gold Mining Farming





## **Current Regional Development**

#### **Education**

- ✓ Central Kalimantan ranked 5th for child marriage
- ✓ High drop-out rate, related to child marriage & child labour

#### Health

- ✓ High level of stunting
- ✓ Lack of awareness about clean & healthy life style
- ✓ Limited number of qualified health staff & cadres
- ✓ Poor health services

#### Livelihoods

- ✓ Main livelihood is artisanal small-scale gold mining (ASGM), which is not sustainable
- ✓ Large area for agriculture & plantations
- ✓ Lack of alternative livelihoods



## **Current Regional Development**

#### Governance

- ✓ Systems & institutions not functioning well
- ✓ Lack of knowledge of regulations, roles & responsibilities
- ✓ Change in power dynamics e.g., due to Village Fund scheme

#### Infrastructure

- ✓ Located in remote areas
   geographic challenges
- ✓ Limited infrastructure, facilities & support for lives
- ✓ Difficult access to health, sanitation, education, finance & markets

#### **Culture**

- ✓ Dayak culture values natural ancestral & social environment
- ✓ The presence of companies & forest conversion changes livelihood choices
- ✓ Limited culture & education for children & youth



## **Key Programs Education**

- ✓ Kalimantan Kids Club offers scholarships to empower and enable the pursuit of higher education (+ 800 beneficiaries)
- ✓ Fostering a stimulating environment for early childhood education through the introduction of engaging learning tools

#### Health

- ✓ Strengthening capability at village level clinics through management training
- ✓ Providing supplements to address nutrition gaps in stunted infants







## **Key Programs**

#### Livelihood

- ✓ Enhancing Livelihoods: Rubber and Fishery Value Chains
- ✓ Efficient Rubber Processing Training and Direct Sales Facilitation

#### Governance

✓ A sub-district-level platform fostering collaboration among villages, facilitating the exchange of experiences, and addressing development challenges, and identifying program needs.







# Community-Led Analysis & Planning (CLAP) & Social Monitoring

- Active participation & involvement of community members in the assessment & planning process
- Promote social cohesion & cooperation. Provides a platform for open dialogue, collaboration & collective decision-making
- Comply with government regulations for social monitoring & public consultation on AMDAL (ESIA)



32 CLAP

Since 2003

2500 +

People participating



## **Future Community Engagement**

- Local employment
- Training & building local capacity
- Support Small & Medium Enterprises to become local vendors and contractors
- Prospect for biomass as an alternative power generation through social forestry







\$29 M USD

Spent for suppliers & contractors to date

### KSK COW BKM COPPER PROJECT

### POSITIVE FINANCIAL AND SOCIAL DEVELOPMENT IMPACT



#### **GROWTH**

BKM generates a significant positive local income through direct employment and delivery of support services and materials within the direct local community as well as more broadly in Central Kalimantan. The Upper Kahayan and Katingan areas have limited opportunities for employment and development.

#### **INNOVATION**

- Proposed use of palm oil waste biomass for power generation is an innovative approach for a project such as BKM Copper. This promotes a circular economy through the effective use of a waste product to generate power and its own waste product which can subsequently be used as fertiliser
- BKM project fulfils the Government of Indonesia's desire to deliver downstream processing of minerals with Grade A quality copper cathode being produced directly on site.
- BKM presents opportunity to deploy innovative new techniques to improve copper recovery from sulphide ores in the heap leaching process.

#### **INCLUSION**

The BKM Project and PT KSK's CSR engagement focuses effort on the development and betterment of the Upper Kahayan and Upper Katingan areas, both of which are developing geographies and home to the Indigenous Dayak population of Kalimantan.

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### KSK COW BKM COPPER PROJECT

## POSITIVE FINANCIAL AND SOCIAL DEVELOPMENT IMPACT

- FT KSK, with its various parent company's has been engaging the local community of the Upper Kahayan and Katingan areas for over 35 years.
- KSK's project have forever been in Exploration, the opportunity is now to develop the first mining operation of the Project, delivering much needed copper cathode product into the energy transition.
- KSK's BKM Copper Project is considered a "starter project" with the area prospective for (and already defined) more copper, zinc, gold and silver resources.
- However the company establish an operating base from which it can deliver further mine life extensions and extend benefits to the local community.
- Asiamet and PT KSK have a very strong focus on developing community of programs that are sustainable post mining operations





# CONTACT INFORMATION

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