

# Indonesia's World Class Copper Gold Champion

COPPER GOLD

**Investor Presentation** 

April 2020

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#### Forward Looking Statements

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# **Merdeka Introduction**



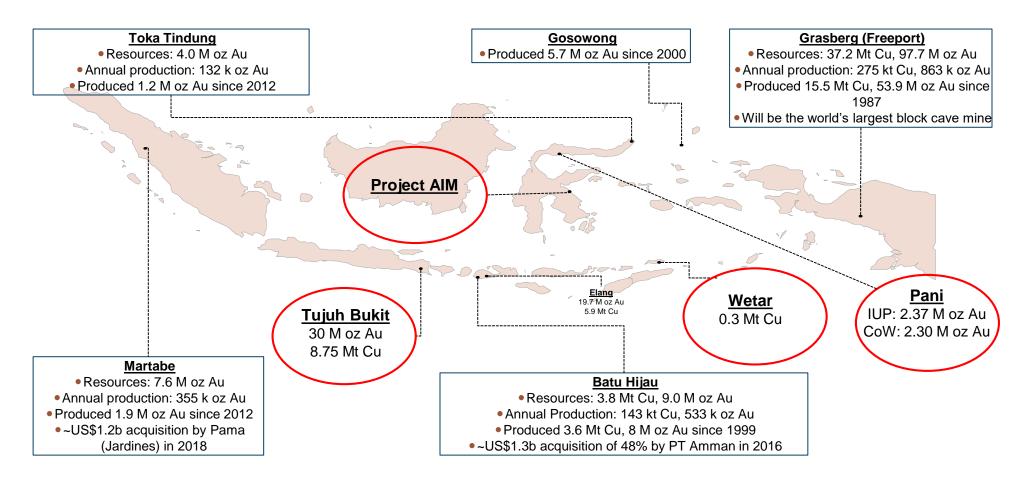
| 5 Assets                 | MDKA today consists of five main assets which, in order of management's assessment of future value, are as follows:  1. Tujuh Bukit Copper/Gold Project ("TB Copper Project")  2. Pani Joint Venture ("Pani JV Project") – new expansion project  3. Wetar / Morowali Acid Iron Metal ("AIM Project") – new expansion project  4. Tujuh Bukit Gold Production ("TB Gold Project")  5. Wetar Copper Production |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2019 TB Production       | <ul> <li>Gold produced in 2019 was 223,042 ounces</li> <li>All in sustaining cost ("AISC") of US\$620/oz</li> <li>19.8 million hours LTI free (1 LTI in March 2020)</li> </ul>                                                                                                                                                                                                                                |
| 2019 Wetar<br>Production | <ul> <li>Copper produced in 2019 was 16,777 tonnes</li> <li>AISC of US\$1.86/lb</li> <li>7.3 million hours LTI free</li> </ul>                                                                                                                                                                                                                                                                                |
| Management<br>Changes    | <ul> <li>To reflect the increasing growth profile of the Company, a number of additions to the executive team have been made</li> <li>Mr Simon Milroy has been appointed as Chief Executive Officer</li> <li>Mr Gerick Mouton as Executive Head of Projects</li> <li>Mr Zach Casley as the Executive Head of Exploration and Resources</li> </ul>                                                             |

# **Indonesia: Right Geological Address**



Indonesia is a significant player in the global mining industry, with significant production of coal, copper, gold, tin, bauxite and nickel

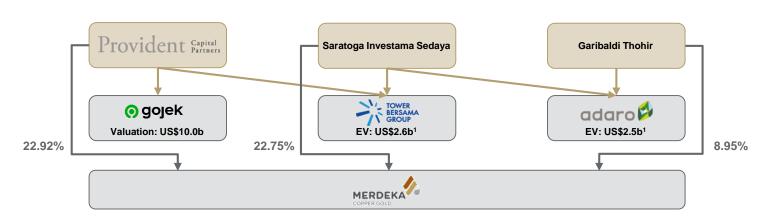
- As of 2018, Indonesia held 51 million metric tons of copper resources, the fifth largest in the world
- The country also holds substantial gold reserves, with world class gold assets such as Grasberg, Tujuh Bukit, Batu Hijau and Martabe



# A Better Way to Invest in Indonesia with Strong and Reliable Indonesian Shareholders



### **Existing Shareholding Structure**



Track Record in
Growing and
Financing Indonesia
Corporates

The shareholders collectively have rich experience in leading and growing businesses in Indonesia, ranging from dynamic tech platforms (Gojek) to well established corporates (i.e. Tower Bersama and Adaro). As a result, the shareholders have established strong relationships with key external stakeholders and have gathered valuable experience to lead companies to growth within the country

Strong
Governmental,
Regulatory and Local
Ties

The shareholders have decades of experience in obtaining permits across Indonesia for their various operating companies including Adaro (portfolio of coal mines), Tower Bersama (tower development in all 34 provinces) and Provident Agro (with over 40,000 Ha of palm oil plantations), demonstrating their ability to resolve community issues and work with national and local governments to develop projects across multiple industries

Excellent Corporate
Governance and
Investor Relations

The team's reputation in maintaining excellent corporate governance and reporting standards (voluntary adoption of ASX reporting requirements for Reserves and Resources, as well as quarterly reporting) have attracted quality investors globally in both debt and equity capital markets, achieving overall lower cost of funds and strong support

No Risk of
Divestment under
Indonesia Mining
Law

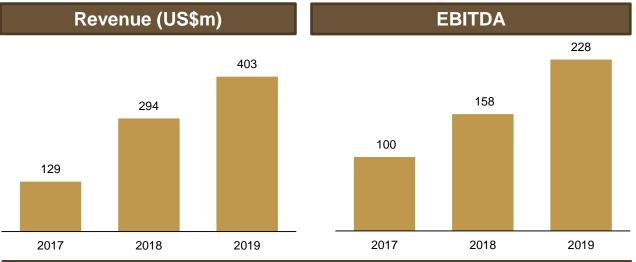
The Indonesian Mining Law requires foreign shareholders to gradually divest portions of their shareholdings by making initial offers to the Central Government of the Republic of Indonesia, Regional or Municipal Governments. With the major shareholders being 100% Indonesian-incorporated or by citizenship, it minimizes the risk of divestment requirements and volatility in share price

#### Note:

# **Growth Delivery with Sound Financial Position**

# **Built on Operational Performance**





| Gold Hedge   | 2020 | 84,506 oz at<br>US\$1,425 / oz |
|--------------|------|--------------------------------|
| Copper Hedge | 2019 | Nil                            |
| Copper Heage | 2020 | Nil                            |

Hedaina

### Outstanding Debt<sup>1</sup>

### Merdeka Holdco

- US\$100m club facility of 4 international banks
- Closed March 2019 maturing in Sep 2020
- Libor + 4.25%
- US\$100m outstanding balance as at 31 Mar 2020









### TB Opco (PT Bumi Suksesindo)

- US\$200m syndicated facility of 8 international banks
- Closed October 2018
- 3 year amortizing corporate facility maturing in Q1 2022
- Libor + 3.5%
- US\$130m outstanding balance as at 31 Mar 2020

















#### Comments

- Strong cash flow generation with consolidated EBITDA of US\$ 228 m for 2019
- Successful issuance of US\$ 300 m debt during H2 2018 and 2019 - US\$70 m already repaid as at 31 March 2020
- Modest hedging with significant exposure to upside in gold and copper given resource base
- Building profile of Merdeka in international equity markets to support growth completion of US\$60m equity raise in July 2019
- New institutional investors have improved liquidity
- Analyst coverage from Citi, Credit Suisse, Argonaut, Ciptadana, BNI, Indopremier & Mandiri

# **Merdeka Share Price and Liquidity**



### **Current Capitalization**

| Enterprise Value               | US\$1.8b   |
|--------------------------------|------------|
| Net Debt <sup>3</sup>          | US\$180.0m |
| Market Cap <sup>2</sup>        | US\$1.6b   |
| Market Cap (IDR)               | IDR26.2tn  |
| Shares Outstanding (m)         | 4,380      |
| Share Price (IDR) <sup>1</sup> | 1,240      |
|                                |            |

|                             | Share Price Performance Since IPO                              |                                                |
|-----------------------------|----------------------------------------------------------------|------------------------------------------------|
| 1400<br>1200<br>1000<br>800 | Total Growth: +223% CAGR: +28.0%                               | 450<br>400<br>350<br>300<br>250 Million shares |
| 200                         |                                                                | 150 Tares<br>100<br>50                         |
| Jun-15                      | Dec-15 Jun-16 Dec-16 Jun-17 Dec-17 Jun-18 Dec-18 Jun-19 Dec-19 |                                                |
|                             | Volume —Share Price                                            |                                                |

### **Trading Volume**

|           | ADTV (US\$m) |  |  |  |
|-----------|--------------|--|--|--|
| 1 month   | 10.40        |  |  |  |
| 6 month   | 6.28         |  |  |  |
| 12 month  | 4.98         |  |  |  |
| Since IPO | 1.27         |  |  |  |



#### Note:

- 1. Share price information as at 7 April 2020
- 2. Using exchange rate IDR 16,200 per USD
- 3. Using debt number as of 31 Mar 2020 and cash balance as of 31 Dec 2019

# **TB Gold Project**



| Production Information  |                                           |  |  |
|-------------------------|-------------------------------------------|--|--|
| Mining Method           | Coventional Open Pit                      |  |  |
| Metals                  | Gold and Silver                           |  |  |
| Mineralisation Type     | High Sulphidation Epithermal              |  |  |
| Process Method          | Oxide Heap Leach                          |  |  |
| Recovery                | Gold 79% and Silver 13%                   |  |  |
| Oxide Mineral Reserves  | 0.9 Moz Au contained; 35 Moz Ag contained |  |  |
| Oxide Mineral Resources | 1.4 Moz Au contained; 59 Moz Ag contained |  |  |
| Workforce               | 2,400 employees and contractors           |  |  |

| Operational & Financial Performance |          |                |                |                |  |
|-------------------------------------|----------|----------------|----------------|----------------|--|
|                                     | Unit     | 2017<br>Actual | 2018<br>Actual | 2019<br>Actual |  |
| <b>Open Pit Mining</b>              |          |                |                |                |  |
| Ore Mined                           | M Tonnes | 3.3            | 5.3            | 7.4            |  |
| Waste Mined                         | M Tonnes | 4.1            | 9.4            | 8.4            |  |
| Contained Metal                     | Au oz    | 224,784        | 261,140        | 279,680        |  |
| <b>Heap Leach Production</b>        |          |                |                |                |  |
| Ore Crushed and Stacked             | M Tonnes | 3.2            | 4.9            | 7.4            |  |
| Recovered Metal                     | Au oz    | 141,468        | 167,506        | 223,042        |  |
| Financials                          |          |                |                |                |  |
| Operating cost                      | US\$/ t  | 15.8           | 16.5           | 13.4           |  |
| Cash Costs                          | US\$/ oz | 297            | 374            | 409            |  |
| All-in Sustaining Costs             | US\$/ oz | 425            | 596            | 620            |  |
| Sales                               | US\$m    | 133            | 235            | 312            |  |
| Operating EBITDA                    | US\$m    | 100            | 155            | 201            |  |

### **Open Pit Mining**



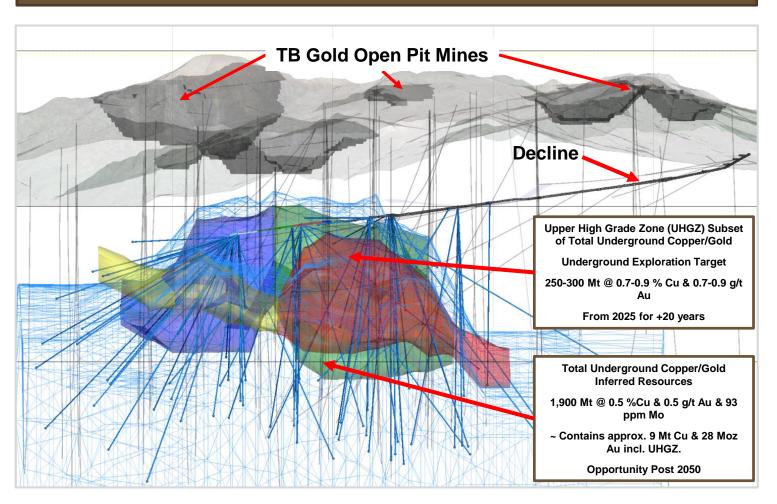
### Heap Leach



# **TB Copper Project**



### World Class Underground Copper/Gold Deposit

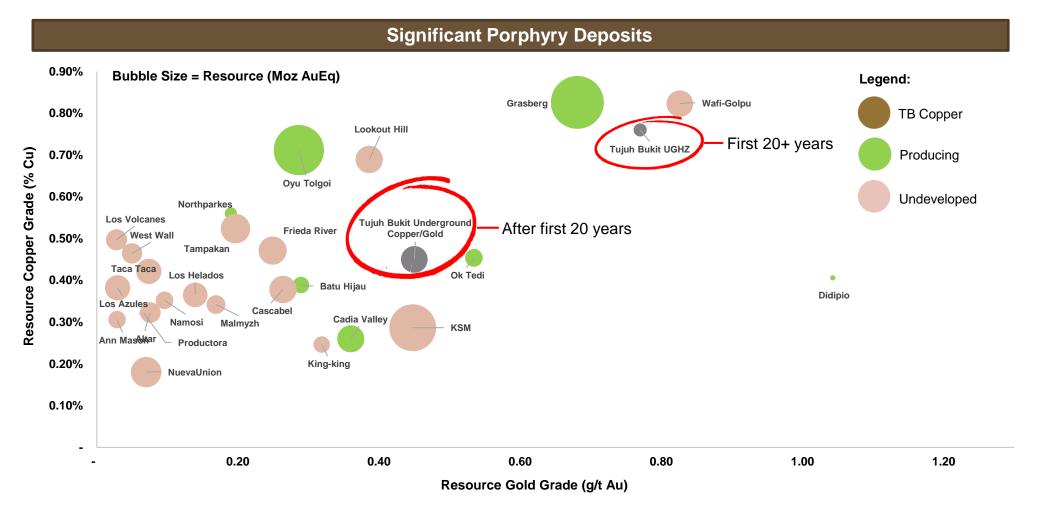


#### **Comments**

 Blue lines extending from the decline denote planned drilling

# TB Copper/Gold Project World Class Mineral Resource





# **TB Copper/Gold Project**

## **Latest Drill Results**



### **UHGZ Drilling Results to Date**

| Hole ID      | From (m) | To (m)      | Interval (m) | Cu (%) | Au (g/t) |
|--------------|----------|-------------|--------------|--------|----------|
| UHGZ-19-001  | 556      | 1,308 (EOH) | 752          | 0.46   | 0,50     |
| including    | 724      | 904         | 180          | 0.63   | 0.62     |
| including    | 1,086    | 1,308       | 222          | 0.69   | 0.91     |
| UHGZ-19-002A | 523      | 1,058 (EOH) | 534          | 0.54   | 0.95     |
| including    | 642      | 770         | 128          | 0.89   | 1.93     |
| including    | 824      | 1,016       | 192          | 0.58   | 1.05     |
| UHGZ-19-003  | 384      | 732 (EOH)   | 347.6        | 1.40   | 1.40     |
| including    | 438      | 666         | 228          | 1.71   | 1.97     |

#### **Comments**

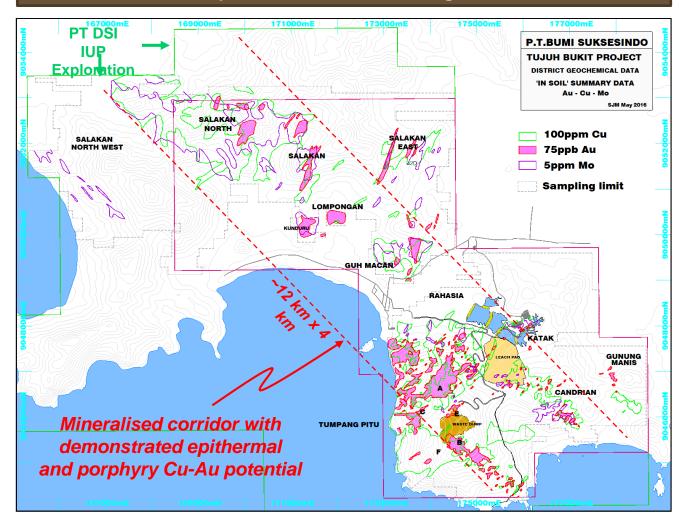
- 13 holes drilled; table shows results for first 3 holes
- First assays have shown higher than expected grades when compared to the 2012 inferred resource
- Intercepts above the 0.2% Cu cut-off have been longer than expected

### **TB Near Mine Exploration**

## Targeting Open Pit Mineralisation to De-Risk Porphyry Ramp Up



### **Open Pit Mineralisation Targets**



#### Comments

#### Salakan Porphyry

- Historical drilling including SDN-12-01 : 604m @ 0.22 % Cu
- Exploration to re-commence in 2020

#### **Lompongan Porphyry Prospect**

- Cu-Au-Mo soil anomaly defined over 400m x 400m
- Stockwork mineralisation in rock samples assaying >1 %Cu and >1g/t Au
- Drone MAG and 3D IP surveys Q4 2019
- Diamond drilling Q1 2020

#### **Katak Porphyry Prospect**

- · Historical and BSI drilling
  - WB-15-11: 94m @ 0.35 %Cu & 0.67 g/t Au
  - KTD-18-06 : 76m @ 0.35 %Cu & 0.96 g/t Au

# **Wetar Copper Project**



### **Production Information**

| Mining Method                                  | Conventional Open Pit                 |
|------------------------------------------------|---------------------------------------|
| Metals                                         | Copper                                |
| Mineralisation Type                            | Volcanogenic Massive Sulphide ("VMS") |
| Process Method                                 | Sulphide Heap Leach                   |
| Plant Capacity - Crushing & Stacking - SX / EW | 2.5 mt<br>25,000 tpa                  |
| Copper Mineral Reserves                        | 114 kt Cu contained                   |
| Copper Mineral Resources                       | 289 kt Cu contained                   |
| Workforce                                      | 1,100 employees and contractors       |

### **Operational & Financial Performance**

|                              | Unit     | 2017<br>Actual | 2018<br>Actual | 2019<br>Actual |
|------------------------------|----------|----------------|----------------|----------------|
| <b>Open Pit Mining</b>       |          |                |                |                |
| Ore Mined                    | M Tonnes | 1.9            | 1.6            | 2.3            |
| Waste Mined                  | M Tonnes | 1.4            | 1.4            | 3.8            |
| Contained Metal              | Cu t     | 39,384         | 47,272         | 66,018         |
| <b>Heap Leach Production</b> |          |                |                |                |
| Ore Crushed and Stacked      | M Tonnes | 1.9            | 1.7            | 1.9            |
| Recovered Metal              | Cu t     | 23,160         | 17,071         | 16,777         |
| Financials                   |          |                |                |                |
| Operating cost               | US\$/ t  | 29.8           | 35.4           | 42.0           |
| Cash Costs                   | US\$/ lb | 1.05           | 1.49           | 1.29           |
| All-in Sustaining Costs      | US\$/ lb | 1.56           | 1.73           | 1.86           |
| Sales                        | US\$m    | 154            | 112            | 101            |
| Operating EBITDA             | US\$m    | 73             | 38             | 41             |

### **Open Pit Mining**

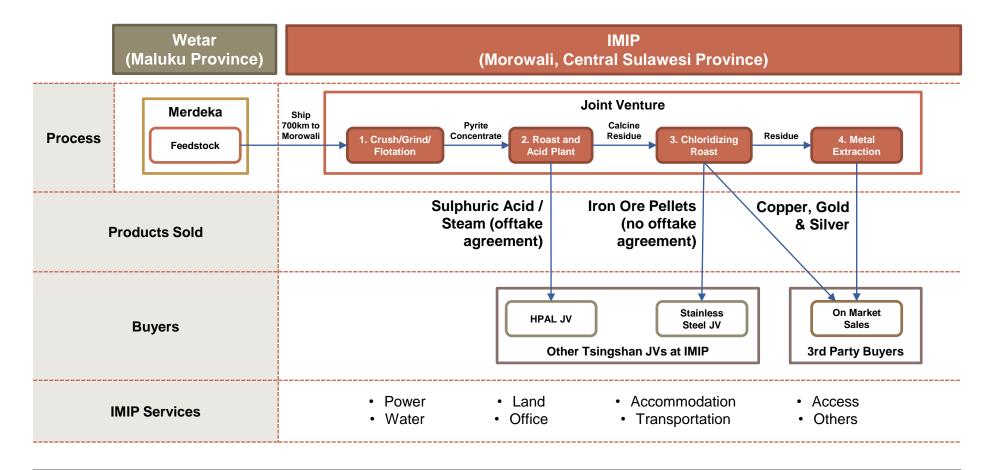


### **Process Plant**



# **AIM Project**





#### **Comments**

- Significant value in spent ore at Wetar (Cu, pyrite (FeS2), Au and Ag)
- Opportunity to optimise long term production profile across Wetar and AIM Project. Only Soluble Cu recovered at Wetar and other products recovered with AIM Project
- MOU signed with Tsingshan to develop a pyrite processing plant at the Morowali Indonesian Industrial Park

# **Wetar Resource Expansion**



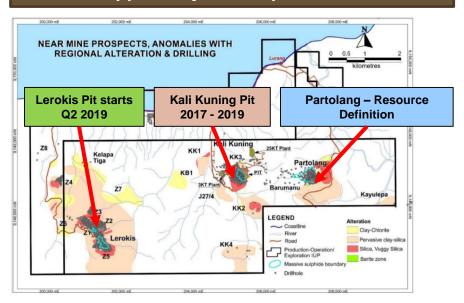
### **Partolang**

- Exploration work has been very successful in finding and developing additional copper and pyrite resources:
  - A significant new resource has been defined at Partolang indicating a viable copper resource close to existing operations
  - Drilling after the cut-off date for the resource update has intercepted high grade mineralisation that is expected to further expand resources
  - Target 3 year mine life extension with additional inferred resource likely to be converted
  - Diagnostic leach tests show copper >80% soluble, superior to Lerokis
  - Confirms success of exploration model

### 2019 Geophysical Survey

- Resources at Wetar are Volcanogenic Massive Sulfide (VMS) deposits
- The deposits generally appear in clusters and it is reasonably likely that more resources will be defined over time
- A geophysical survey was completed during 2019 with approximately 20 targets identified within the mining lease. VMS targets are generally easily identified with geophysics
- Historical regional exploration work shows many targets that are yet to be tested on Wetar Island

### **Wetar Copper Project Prospective Locations**



#### Resources

| Partolang | Tonnes<br>(Mt) | Grade<br>(Cu %) | Contained Metal<br>(Cu t) |
|-----------|----------------|-----------------|---------------------------|
| Indicated | 8.6            | 1.2             | 101,000                   |
| Inferred  | 3.5            | 1.0             | 35,000                    |
| Total     | 12.1           | 1.1             | 136,000                   |

| Wetar     | Tonnes<br>(Mt) | Grade<br>(Cu %) | Contained Metal<br>(Cu t) |
|-----------|----------------|-----------------|---------------------------|
| Measured  | 8.9            | 1.6             | 145,000                   |
| Indicated | 9.1            | 1.2             | 108,000                   |
| Inferred  | 3.7            | 1.0             | 36,000                    |
| Total     | 21.7           | 1.3             | 289,000                   |

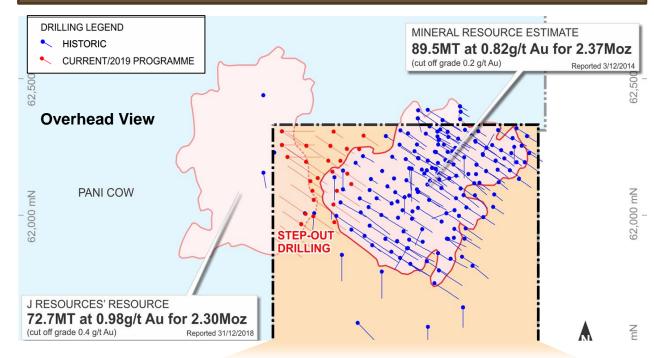
# Pani – Commencement of Step-Out Drilling

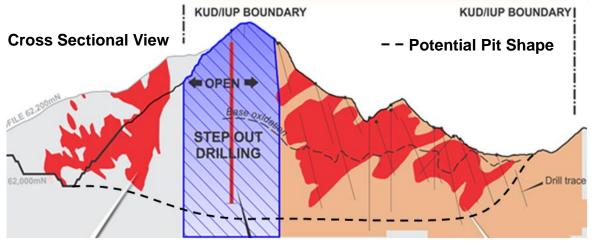


#### Comments

- JV with J Resources to develop a combined project. Expect to close H1 2020 – Merdeka's economic share is 40% and controls the JV
- Expect greater resources to reserve conversion and better economics from combined project
- Outcrops, thick, low strip
- Initial metallurgical testing shows high recoveries from CIL, heap leach and gravity
- Currently drilling 11,000 meters in area between existing resources. Two historical drill holes show area is mineralised
- Q1 2020 consolidate data with drilling and feasibility to continue in Q2 2020

# Overhead & Cross Sectional Illustration of Planned Step-Out Drilling Between PANI COW & PANI IUP





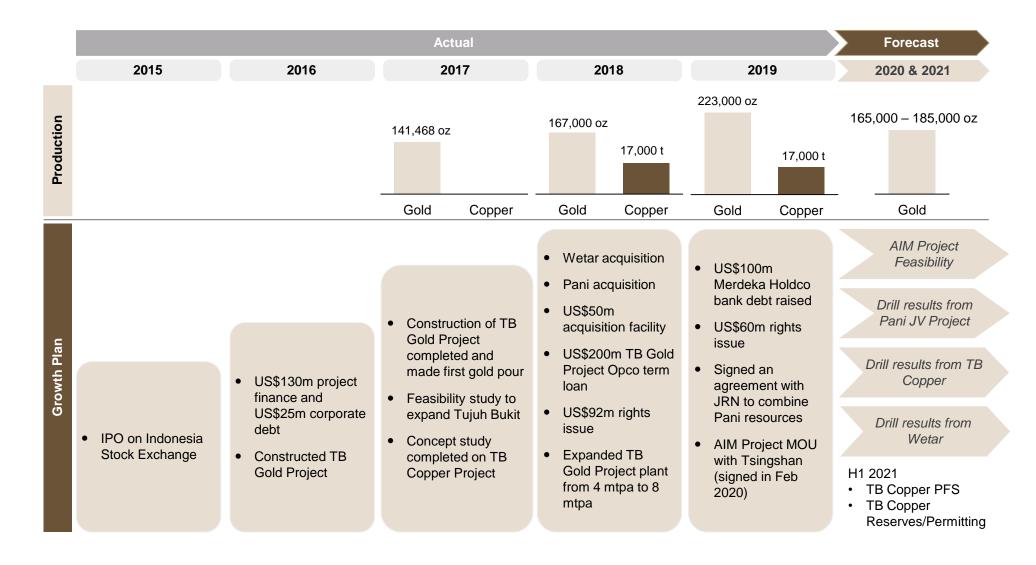
#### Note:

- 1. Two holes drilled by Utah International in 1982 between the two resources, assayed 406m @ 0.5g/t (GPD-04) and 154m @ 0.57g/t (GPD-05)
- 2. Pani IUP Resource estimate from SRK Report dated December 2014 based on 137 Diamond Drill holes, 26,000m drilling and using cut off grade of 0.2g/t Au

## Merdeka – Indonesia's New World Class Mining Company

## Delivering Its Strategy





# **Appendix**



# Management with Significant Industry Experience



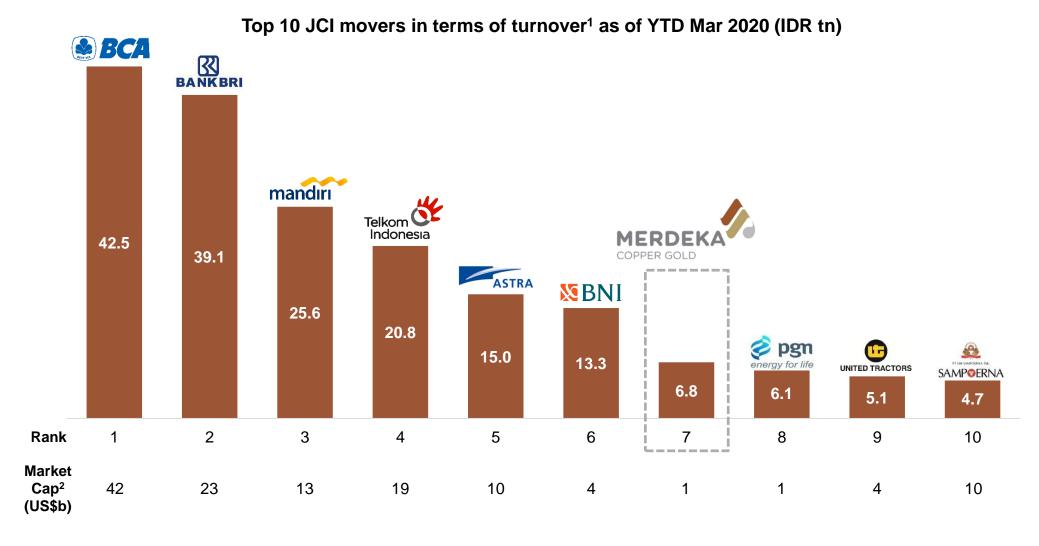
The management team comprises a group of individuals with rich experience within the industry and within their individual business functions

| Team Member                                             | Experience                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Simon Milroy<br>CEO                                     | <ul> <li>Joined Merdeka in 2020</li> <li>More than 35 years of experience in mining sector including exploration, feasibility studies, permitting, financing, construction, operations and closure</li> <li>Previously the GM Corporate Development and Exploration in PanAust</li> </ul>                                                                                                |
| Gerrick Mouton Executive Head of Projects               | <ul> <li>Joined Merdeka in 2020</li> <li>More than 22 years experience in strategic mine development, implementation and execution of multifaceted capital-intensive mining projects on the African continent</li> <li>Previously the Senior Vice President in Ivanhoe Mines Ltd</li> </ul>                                                                                              |
| Zach Casley Executive Head of Exploration and Resources | <ul> <li>Joined Merdeka in 2020</li> <li>More than 25 years of experience gained from a variety of roles in operational mines, consulting, mining finance and corporate management including roles at Macquarie and Newcrest Mining</li> <li>Zach is a Fellow of the Australian Institute of Mining and Metallurgy, and a Member of the Australian Institute of Geoscientists</li> </ul> |
| David Fowler Director / CFO                             | <ul> <li>Joined Merdeka in 2015</li> <li>Accountant with more than 25 years of experience in mining sector</li> <li>Acted in various CFO / CEO positions for listed mining companies in Australia, South America and Indonesia</li> </ul>                                                                                                                                                |
| <b>Tri Boewono</b> President Director                   | <ul> <li>More than 10 years of experience as President Director at PT Provident Agro Tbk</li> <li>More than 25 years of professional experience in the economic sector</li> </ul>                                                                                                                                                                                                        |
| Peter Scanlon<br>GM Construction                        | <ul> <li>Head of Construction and Development since 2015</li> <li>Has more than 20 years of experience with Thiess</li> <li>Previously the Head of Construction at Thiess Indonesia</li> </ul>                                                                                                                                                                                           |
| Gavin Caudle<br>Executive Director                      | <ul> <li>Founding shareholder of Provident Capital 15 years ago</li> <li>Former Partner at Arthur Andersen and Head of M&amp;A / Private Equity at Citigroup / Salomon Brothers for Indonesia</li> </ul>                                                                                                                                                                                 |

# Merdeka is ranked 7 in the Top Jakarta Composite Index (JCI) Movers



With IDR 6.8 tn of total turnover, Merdeka is within the top 10 of JCI movers as of YTD Mar 2020



#### Note:

<sup>1.</sup> Turnover is calculated by the sum of daily trading value from 1 Jan 2020 to 31 Mar 2020

<sup>2.</sup> Market Cap as of 31 Mar 2020 using exchange rate of US\$/IDR 16,200 Source: Bloomberg and RTI Business

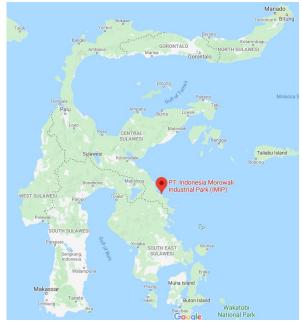
# Indonesian Morowali Industrial Park (IMIP)

# World Class Facility



#### Location and Size





 3,000 ha site in Bahodopi District, Morowali Regency, Central Sulawesi Province

#### **Comments**

• IMIP's ownership:

- Tsingshan 66.25%

PT Bintang Delapan Group 33.75%

- Development started in 2014. Tsingshan's stated objective at the time was to create the world's largest fully integrated stainless steel facility
- This has now been achieved, with the site housing a number of separate Ni/stainless steel joint venture operations
- Total investment to date > \$6 billion
- The IMIP currently comprises:
  - 2.0Mt pa stainless steel capacity (currently expanding to 3.0Mt pa)
  - 0.5Mt pa carbon steel capacity (currently expanding to 3.5Mt pa)
  - 0.6Mt pa high carbon ferrochrome
  - 1.5Mt pa NPI capacity (likely expanding to 1.95Mt pa)
  - 1.26GW coal-fired power plant (currently expanding to 1.96GW)
  - Airport with 2,000 m long runway
  - Port facilities
  - 5-star hotel