



ASX: NUS www.nusantararesources.com

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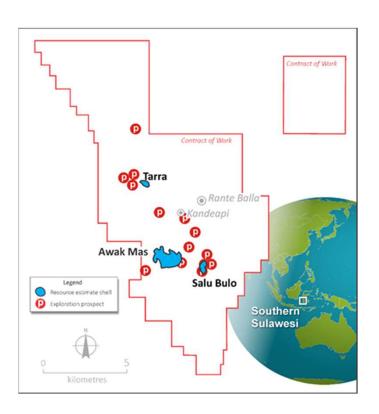
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# Nusantara Resources (ASX:NUS)



# IPO completed in August 2017 – Resource Drilling and DFS

- ✓ Safety & environmental incident-free
- ✓ Continued engagement with the community and other stakeholders
- √ 10km of resource drilling completed
  - √ 2.0 Moz Mineral Resource<sup>1</sup>
  - √ 89% Indicated Resource¹
  - ✓ Eastern Awak Mas mineralisation<sup>2</sup>
- ✓ Infrastructure
  - ✓ PLN MOU signed for grid power³
  - ✓ Upgrade of roads to site including villages<sup>4</sup>



# Nusantara Resources (ASX:NUS)

# IPO completed in August 2017 – Resource Drilling and DFS

- ✓ DFS
  - ✓ Metallurgical flowsheet optimisation<sup>4</sup>
  - ✓ Mine design confirms low strip ratio<sup>4</sup>
  - √ 1 Moz Maiden Ore Reserve<sup>4</sup>
  - ✓ On track for July 2018 completion<sup>4</sup>
- ✓ Contract of Work Amendment
  - CoW tenure secured to 2050 with extensions possible as IUPK to 2070<sup>5</sup>
  - Divestment deferred to end of 10<sup>th</sup> year after commercial production - required to offer at least 51% to Indonesian participants at fair market value<sup>5</sup>

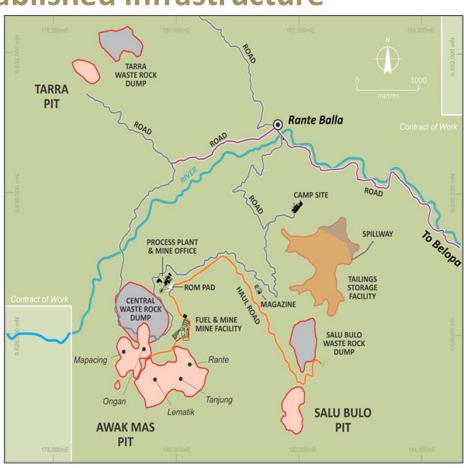


# **Awak Mas Gold Project**

# Long life low cost mine near established infrastructure

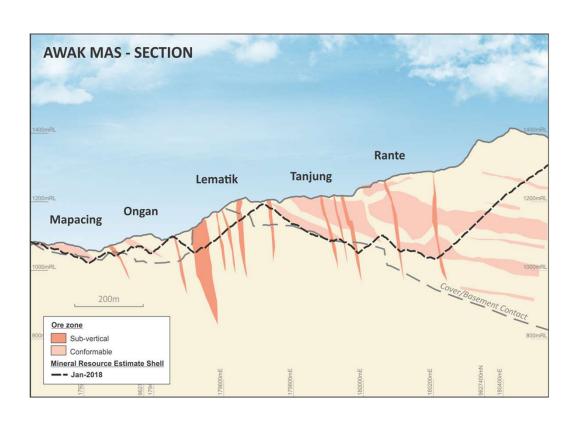
### Strong value drivers<sup>4</sup>

- Low strip ratio ~ 3.5
- High gold recoveries ~ 91% (av)
- 2.5 Mtpa production rate
- Established infrastructure
- Low cost grid power
- Approvals in place
- Non-forestry land



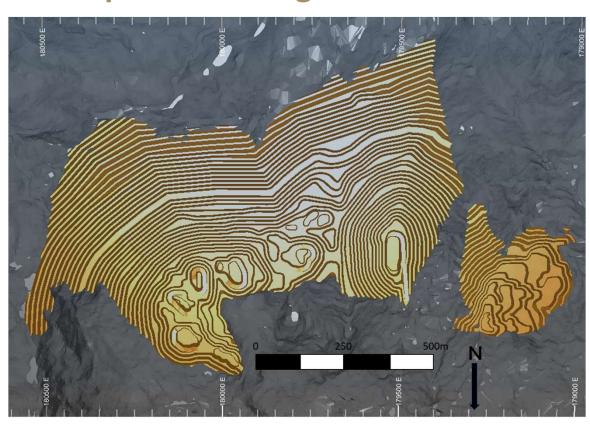
# 2.0 Moz Mineral Resource with near mine potential

- Two phases of mineralisation extending beyond basement contact
- 10,000m drill program completed in April 2018<sup>1</sup>
- Mineral Resource (May 2018)<sup>1</sup>:
  - 45.3 Mt at 1.40 g/t Au89% Indicated Resource
  - 86% in Awak Mas deposit
  - Over 1,000 diamond drill holes



# Maiden 1.0 Moz Ore Reserve with potential for growth

- Underpins 2.5 Mtpa rate for ten years<sup>4</sup>
- Life-of-mine strip ratio of 3.5<sup>4</sup>
- Multiple ore sources reduces production risk
- Mine design and cost optimisation underway following first pass review<sup>4</sup>
- Further upside expected in July 2018 Ore Reserve<sup>4</sup>



Awak Mas Open Pit Design (April 2018)

# **Processing**

# Simple metallurgy drives high gold recovery

- Standard CIL processing (Whole of Ore leaching)<sup>4</sup>
- Gold recovery 90% to 94%
- Low processing cost:
  - Grid power<sup>3</sup>
  - Moderate grind at 75 microns<sup>4</sup>
  - Work Index of 12.8 kWh/t<sup>4</sup>
  - Moderate reagent consumption<sup>4</sup>
- Tailings distributed to conventional TSF – no deleterious metals<sup>4</sup>



### Infrastructure

#### Established infrastructure reduces costs and lifts efficiencies

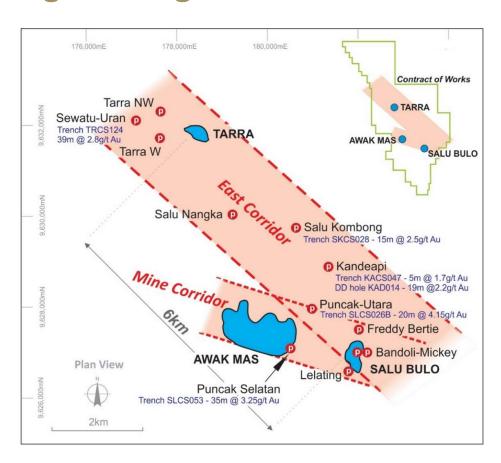
- Located 45 km from coast
- Access to roads, two ports, flights, and telecommunication
- 45 min flight time from Makassar to Bua airport
- Low cost grid power for construction and operations with MOU signed with Indonesian national power utility (PT PLN)
- Makassar large, +2 million, modern regional city



# **Exploration Potential - CoW**

### Over 16 high grade exploration targets recognised

- Aspirational exploration goal:> 5 Moz gold field
- Mine Corridor Awak Mas to Salu Bulo
  - success from recent eastern extension drilling
  - proximity to plant location
- East Corridor Salu Bulo to Tarra
  - 'walk-up' drill targets
- Greenfields potential!

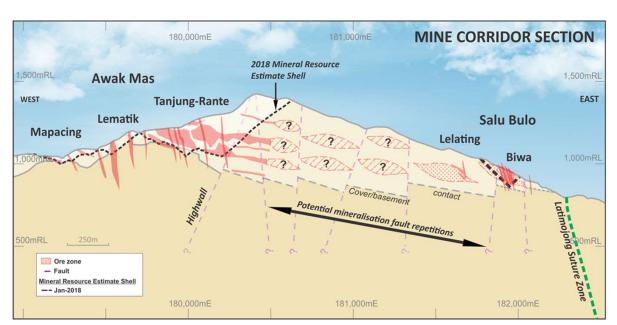


# **Exploration Potential - Mine Corridor**

# N

### Awak Mas Eastern Highwall - Priority area

- Significant gold mineralisation in eastern extension to Awak Mas deposit
- Potential for additional mineralisation extending between Awak Mas and Salu Bulo deposits
- Exploration model series of step faults has displaced mineralisation
- Further drilling proposed to test exploration model



# **Project Development**



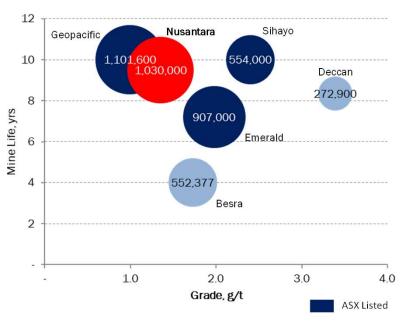
# Development ready, fast track schedule

- Approvals in place for development: Environment Permit awarded in April 2017 and 'Construction Phase' awarded in June 2017
- Production 27 months post FID

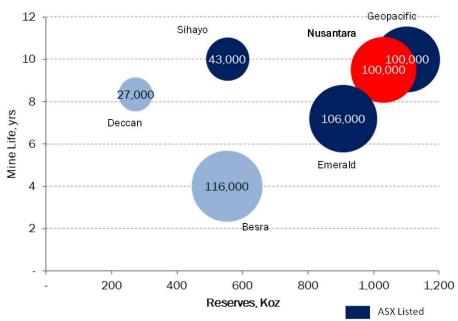


# **Asia Pacific Comparable Projects**

# Awak Mas - large, long life, high production gold project





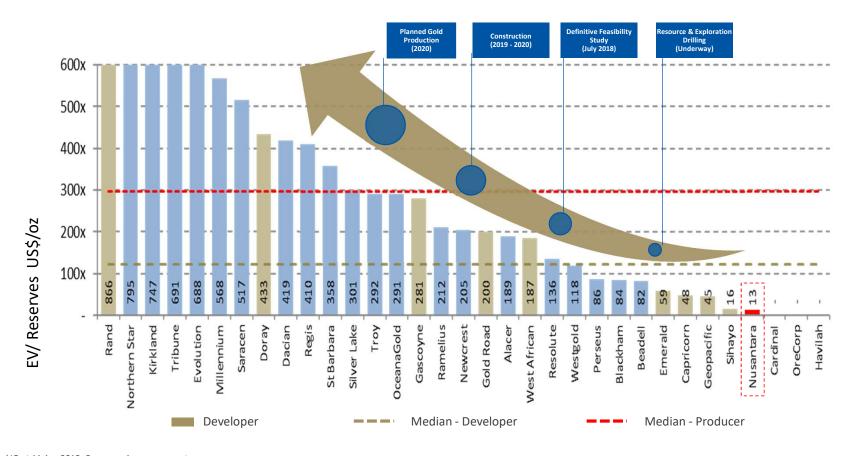


Bubble size represents average annual production rate (oz)

Source: S&P Capital IQ March 2018, Company Announcements

# Investment upside compared to peers

# Value upside as reserve grows and project is de-risked



Source: S&P Capital IQ at 11 Apr 2018, Company Announcements

# Indonesia – long history of successful mining



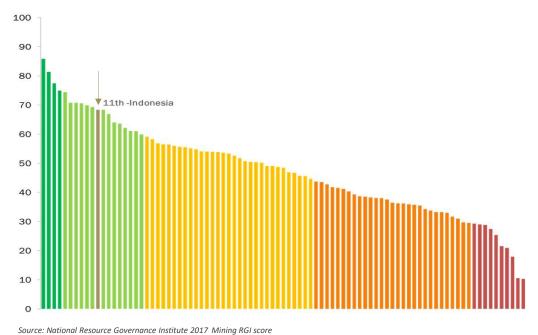
# An attractive and supportive investment environment

# ... one of the largest world economies

- ✓ GDP has more than doubled over the last 10 years
- ✓ Strong growth continues at ~ 5% pa

#### Indonesia GDP (current US\$bn) 1,000 Source: World Bank

# ... one of the most attractive destinations for foresight investors globally



### Our Values will define our success





#### Caring

We care about people first, ensure a safe work place for our people, are environmentally responsible and support the communities in which we operate.



#### Integrity

We set high standards of ethics (doing what is right), honouring our commitments, and seeking relationships that are mutually beneficial.



#### Teamwork

We know that we are stronger when we collaborate, we value the views of others, we all strive to reach our potential and embrace diversity.



#### Accountability

We take responsibility, doing what we say we will do, and are measured on the outcomes of our decisions and actions.



#### Excellence

We strive to achieve superior outcomes by focusing on action, continual improvement, and challenge the way we do things.

# Long tenure to 2050+ with ten year investment stability

- √ 2.0 Moz Mineral Resource¹
- ✓ Maiden 1.0 Moz Ore Reserve<sup>4</sup>
- √ 10 year mine life, 100,000 oz/year<sup>4</sup>
- ✓ Excellent potential to grow the ore reserve<sup>2 & 6</sup>
- ✓ Divestment requirements deferred until 10<sup>th</sup> year post production at fair value<sup>5</sup>
- ✓ Low cost open pit mining and processing
- ✓ Project approvals in place for construction
- ✓ Quality established infrastructure
- ✓ DFS on track for delivery in July 2018
- ✓ Targeted production in 2020





Value upside as reserve grows and project is de-risked

#### **Notes**



- 1. Nusantara ASX Announcement, 8 May 2018, Indicated Resource grows by a further 0.2 Moz.
- 2. Nusantara ASX Announcement, 4 April 2018, Significant Results from Awak Mas extension drilling.
- 3. Nusantara ASX Announcement, 15 August 2017, Grid Power Secured for Awak Mas.
- 4. Nusantara ASX Announcement, 18 April 2018, Nusantara Delivers Maiden 1.0 Moz Gold Ore Reserve.
- 5. Nusantara ASX Announcement, 15 March 2018, Indonesian CoW Amendments Signed.
- 6. Refer to Nusantara's IPO Prospectus dated 15 June 2017 as lodged on ASX on 1 August 2017 for further information on the Company's Mineral Resource and Exploration Target.