

# Archi at a glance



Archi Indonesia ("Archi") owns two gold mining concessions through PT Meares Soputan Mining ("PT MSM") & PT Tambang Tondano Nusajaya ("PT TTN")

Operating Subsidiary	PT Tambang Tondano Nusajaya (" <b>PT TTN</b> ") & PT Meares Soputan Mining (" <b>PT MSM</b> "), both are wholly owned subsidiaries			
Mining Location	North Sulawesi, Indonesia			
Mine Life <sup>(1)</sup>	c. 21 years with expansion opportunity			
Operation History	Commenced mining operations in 2009, first gold poured in 2011, reached gold production above 200 koz in 2018			
Concession Area	39,817 hectares			
Ore Reserves (2020)	Gold: 3.9 Moz   Silver: 8.1 Moz			
Mineral Resources (2020)	Gold: 5.5 Moz   Silver: 11.0 Moz			
Current Mining Method	Open pit (prospect of underground mining in future)			
Contract Type & Expiry	Contract of Work ("CoW"), 2041 (and extendable as an IUPK for another 2x10 years)			
Processing Capacity	4.0 Mtpa <sup>(2)</sup>			



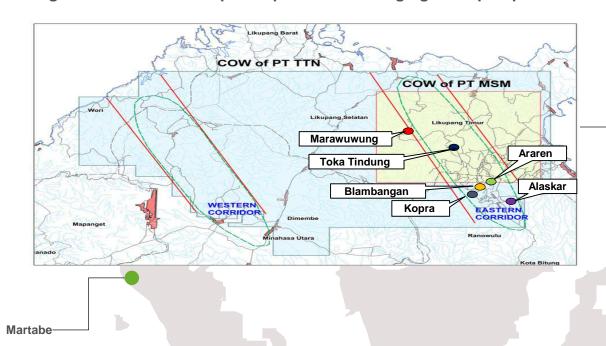
	Gold	Silver		
Production	2019: 261 koz 2020: 207 koz 2021: 194 koz	2019: 435 koz 2020: 363 koz 2021: 384 koz		
Sales	2019: 273 koz 2020: 214 koz 2021: 188 koz	2019: 439 koz 2020: 366 koz 2021: 306 koz		

Archi is one of the Largest Pure-play Gold Producers in Southeast Asia, with more than 10 years of Superior and Proven Operation Track Record and Uninterrupted Production History in the Toka Tindung Gold Mine

### **Concession overview**



### Archi has significant future development potential with high growth prospect



Tujuh Bukit-

# Reserves and Resources: 3.9 Moz gold reserves and 5.5 Moz gold resources as of 31 December 2020

		Tonnage (Mt)	Gold Grade (g/t)	Contained Gold (koz)	Silver Grade (g/t)	Contained Silver (koz)
Reserves Category	Proven	18.2	1.1	667	2.6	1,521
	Probable	80.1	1.3	3,218	2.6	6,597
	Total	98.3	1.2	3,884	2.6	8,118
Resources Category	Measured	19.7	1.1	696	2.0	1,583
	Indicated	97.2	1.3	3,942	3.0	7,969
	Inferred	28.8	1.0	890	2.0	1,401
	Total	145.8	1.2	5,528	2.0	10,953



Batu Hijau

**Toka Tindung** 



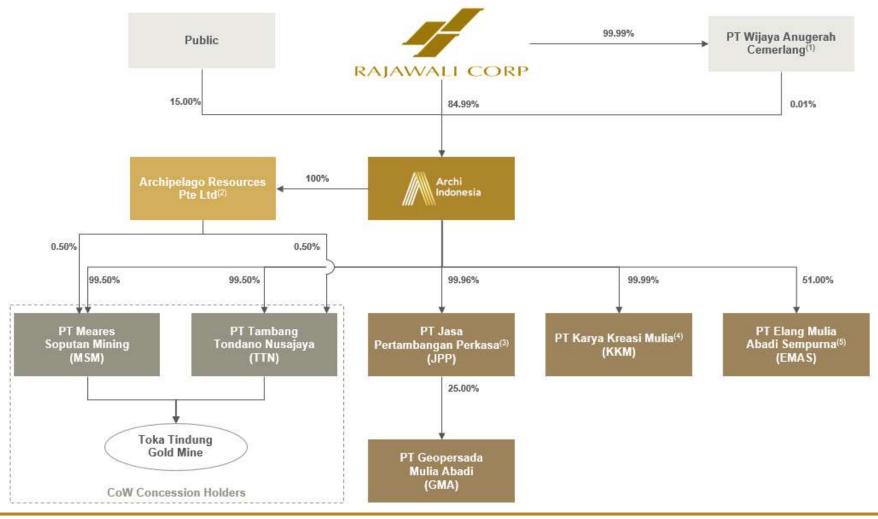
-Gosowong

source : Company Information

# **Group structure**



Archi is supported by Rajawali Corpora as its shareholder, a reputable Indonesian conglomerate group with a track record of building world-class operations and creating shareholders' value



Source : Note :

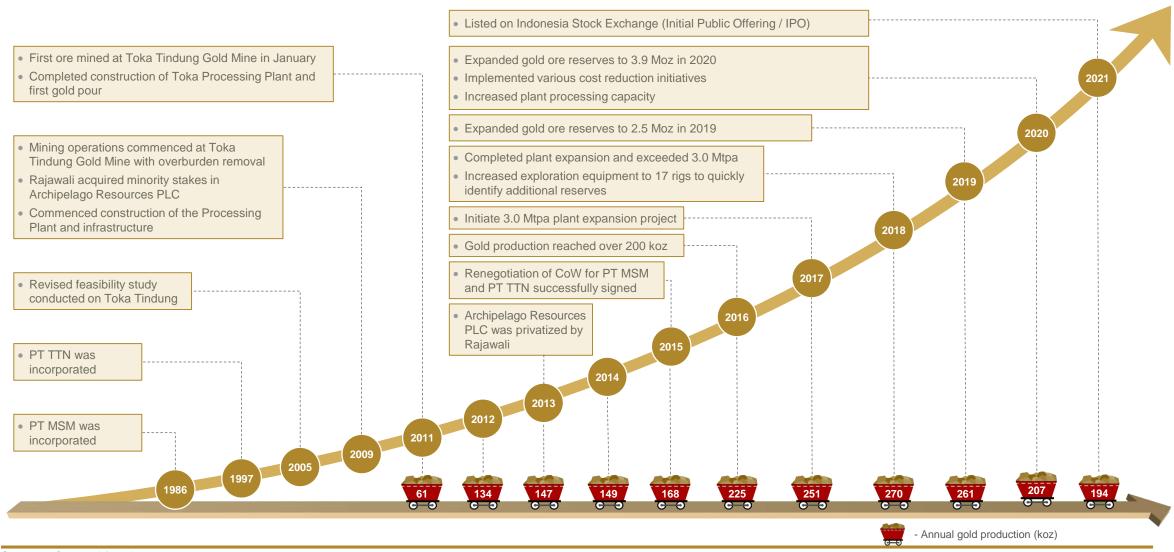
<sup>:</sup> Company Information

<sup>: (1)</sup> PT Wijaya Anugerah Cemerlang's ultimate beneficial owner is an entity controlled by Rajawali Group; (2) An investment holding company; (3) A holding company for mining services, which holds a 25.0% stake in PT GMA, our mining contractor; (4) Commenced operations in 2018 and provides general management and support services in the areas of tax, legal and accounting exclusively for Archi, PT MSM and PT TTN; (5) A joint venture company incorporated in April 2019 to produce minted gold bars for which we hold 51.0%.

## **Key milestones**



Archi has grown organically and consistently over the decade, exhibiting strong and solid operational track record



## **Business process**



### **Exploration**



Based on latest JORC Report:

- Ore Reserve 2020 (Gold: 3.9 Moz | Silver: 8.1 Moz)
- Mineral Resources 2020 (Gold: 5.5 Moz | Silver: 11.0 Moz)

Total exploration capital expenditure ~ US\$134mn (PTD 2021)

Average cost of ore reserves discovery: US\$24/oz

### Mining





Drill & Blast



Control

**Planning** 



Load & Haul

Mining at site is undertaken by mining contractors using conventional commercial-scale open pit mining methods with low mining costs.

Archi is responsible for the mining plan and overall management.

Recently replaced 40-ton fleet with 100-ton fleet to accommodate bigger operation and further reduce transportation costs.

### Processing





Process utilizes a standard Carbon in Leach design. Its tailings storage facility has sufficient capacity to support its operations.

The final product of processing operations is dore bars which consist of approximately 30% to 45% gold, and 55% to 70% silver.

Continually expanding processing capacity from 1.7 Mtpa in 2011 to 4.0 Mtpa in the Q2 2021, with further expansion opportunities.







The dore bars are sent to Refinery company which to be refined into granule (Au  $\sim$  99.99% and Ag  $\sim$  99.95%).

Buyer collects the product from refinery company by using transporter (ex-work).



Buyers/ Cash Received

**Established Exploration, Mining and Processing Operations Activities, with no Fatality Accidents** 

### **Downstream business**



#### PT Elang Mulia Abadi Sempurna "EMAS" (www.lotusarchi.com)

- PT EMAS, which was established in 2019, is a JV company between PT Archi 51% & PT Royal Raffles Capital 49% and focusing to penetrate the downstream market for the gold minting bar products
- PT EMAS introduces "Emas Merah Putih" as its brand with 99.99% & SNI certified with product range from 0.1gr, 0.2gr, 0.5gr, 1gr, 5gr, 10gr, 25gr, 50gr & 100gr
- EMAS has also launched various products of gold minted bar special edition, with such themes as Idul Fitri, birthday, valentine's day, mother's day, anniversary and others.
- Equipped with third party software to enable customers to trace the originality of the gold product >> MSM & TTN gold mining concessions
- Nation-wide marketing network with competitive buy-back guarantee ensures the customers to get the most comfort of our product i.e. Pegadaian Galeri 24, Tokopedia, Orori, IndoGold, LakuEmas, Lino n Sons & local gold stores in Indonesia







### **CSR Activities**





#### Social & Cultural

- > Biodiversity conservation
- > Forest conservation
- Construct worship facilities



#### Health

- > Health post centre
- > 1,000-days life program
- Covid-19 prevention



#### Economy

- > Micro economy development
- > Sustainable integrated farming



Education

- > Scholarship education
- > Teacher training
- > Public library





#### Infrastructure

- Clean water
- > Public facility construction



Apr 2020 - Food & supplements donation to medical personnel



Aug 2020 - Donation of Mobile PCR Lab vehicle for Covid-19 prevention program



Aug 2020 - Personal Protective Equipment (APD) donation for medical personnel



Nov 2020 – Plant nursery home and revegetation program in areas affected by mining activities



Jan 2021 - Donation for West Sulawesi earthquake victims

# **Awards & recognitions**



As a results from its continuous efforts, Archi has received numerous awards in environmental management, safety management and local workforce empowerment



**PT Media Infobrand Indonesia** 2021 Indonesia Top Digital PR Awards based on Aspects of Digital Media, Digital Sentiment, Digital Awareness



Corporate Forum for CSR Development ISDA Awards (Platinum) for Tokatindung Reference of Integrated Ecofarming Development program (TRIED) (PT Tambang Tondano Nusajaya/TTN)



Corporate Forum for CSR Development ISDA Awards (Platinum) for Posyandu (Integrated Healthcare Center) based Economic Improvement through Moringa Biscuit Production in Creating Golden Generation (TTN)



Corporate Forum for CSR Development ISDA Awards (Platinum) for Clean Water Facility Towards Healthy and Sustainable Golden Generation of Continuously Surrounding the Mining Area (TTN)



Minister of Energy and Mineral Resources UTAMA (Silver) for Environmental Management of Mineral and Coal Mining for Business Groups of Contract of Work and Special Mining Business license holders of Mineral Commodities in the year 2020 (PT Meares Soputan Mining/MSM)



Ministry of Energy and Mineral Resources PRATAMA (Bronze) for Environmental Management of Mineral and Coal Mining for Business Groups of Contract of Work and Special Mining Business license holders of Mineral Commodities in the year 2020 (TTN)



Ministry of Environment and Forestry PROPER BIRU/BLUE PROPER (Program on Company Performance Assessment Rating in Environmental Management)

Toka Tindung Gold Mine received "Vital National Object" status and certification from Ministry of Energy and Mineral Resources of Republic Indonesia in September 2020, which is believed will further assist Archi in dealings with the local regulators. Further, this certification entitles Archi to get priority of security protection from the Indonesian National Police based on the necessity and estimation of the threats and/or disruptions that might occur in the form of a security protection performance guidance.





# Thank You!

For Further Information, please contact:

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