



ARROW  
MINERALS



# IN THE LAND OF GIANTS: SIMANDOU NORTH IRON PROJECT

Company Presentation

ADU Conference - 6<sup>th</sup> September 2023

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# ARROW MINERALS: A LEVERAGED GROWTH OPPORTUNITY

## HIGH-GRADE IRON EXPLORATION WITHIN THE SIMANDOU RANGE INFRASTRUCTURE CORRIDOR



### LOCATION: WORLD CLASS IRON ORE DISTRICT

Simandou Range in Guinea hosts the world's largest undeveloped high-grade iron ore deposits



### TIMING: NEW INFRASTRUCTURE UNDERWAY TO UNLOCK VALUE

Strategic rail and port infrastructure development underway to realize the economic potential of the Simandou Range



### DISCOVERY: THE JOURNEY HAS JUST BEGUN

Arrow has rights to earn a 100% interest and has recently completed first pass scout drilling to outline iron occurrences at Simandou North Iron Project



# CORPORATE OVERVIEW

Market Capitalisation <sup>1</sup>	\$9m
Cash <sup>2</sup>	\$1m
Shares on issue (ASX:AMD)	~3b
Convertible note	\$1m
Performance rights <sup>3</sup>	96m
Unlisted options	399m

## Major Shareholders

Ropa Investments	7.6%
GenGold Resource Capital	4.3%
AMD Board and Management	3.3%
Top 20 Shareholders	38.5%

1. Fully diluted market capitalisation as at 29 August 2023

2. Cash as at 30 June 2023

3. Performance rights subject to performance hurdles:

- 32m ex 31/12/2026 – JORC compliant resource equal to or in excess of 50Mt at no lower than 60% Fe by 31/12/2024
- 32m ex 31/12/2026 – Positive Scoping Study that recommends moving to pre-feasibility study (PFS) by 31/12/2025
- 32m ex 31/12/2026 - AMD's share price exceeding 2.6¢ (Share Price Hurdle) by 31/12/2025



**Tommy McKeith BSc (Hons), GDE (Mining), MBA**

### CHAIRMAN

30 years' experience in exploration, development and mining including extensive African experience. Currently NED of Evolution Mining and CleanTech Lithium PLC (AIM-listed)



**Hugh Bresser BSc (Hons), MBA, MAusIMM, MIAG, MSEG, MSGA**

### MANAGING DIRECTOR

Exploration Geologist with over 30 years' experience in identification, acquisition and development of economic ore deposits. Extensive international experience including senior executive roles with both major and junior companies in Africa, Australia, Asia and the Americas



**Dr Frazer Tabcart PhD, BSc (Hons), ARSM, MAIG**

### NON-EXECUTIVE DIRECTOR

30 years' experience in exploration and mining projects, significant experience in the Philippines, Mongolia and Africa. Currently Managing Director of Alma Metals Limited and NED of PolarX Ltd



**Alwyn Vorster BSc (Hons), MSc, MBA**

### NON-EXECUTIVE DIRECTOR

Mining executive with 30 years' experience across the total mining value chain from exploration to marketing in the Australian, African and Asian iron ore, coal, salt and rare earth industries. Previously Managing Director of BCI Minerals and Iron Ore Holdings, and senior roles with Rio Tinto Iron Ore and Kumba Resources. Currently NED of Linden Resources Ltd., ChemX Materials Ltd, and Alien Metals Ltd (AIM-listed)

# GUINEA: HOST TO ONE OF THE WORLD'S LARGEST UNDEVELOPED HIGH-GRADE IRON ORE PROVINCES

- Guinea possesses over four billion tons of untapped high-grade iron ore (US International trade Administration).
- Iron exports forecast to grow rapidly within the next three to five years, as mines are constructed in Simandou Range.
- Guinea has an established modern Mining Code (2013) –
  - State entitled to 15% free carry;
  - Mining corporate tax rate of 30%;
  - NSR 3%.

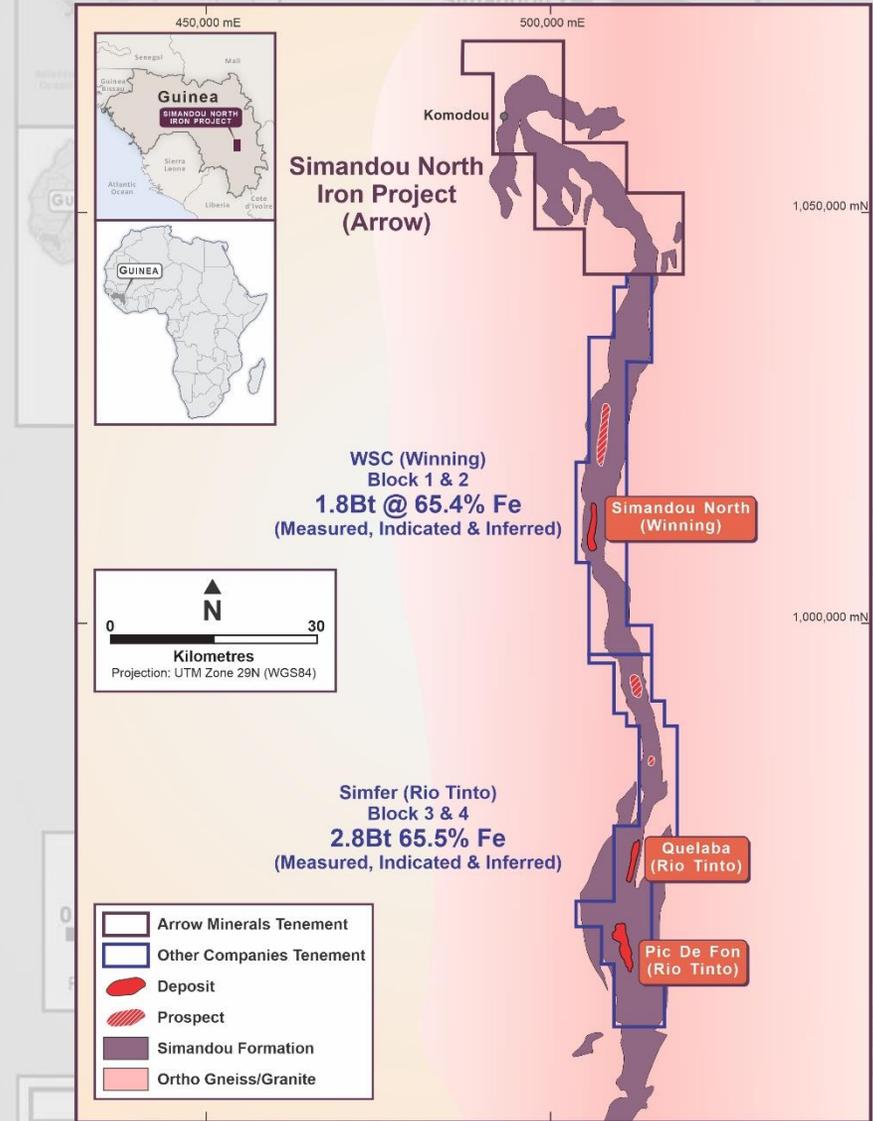
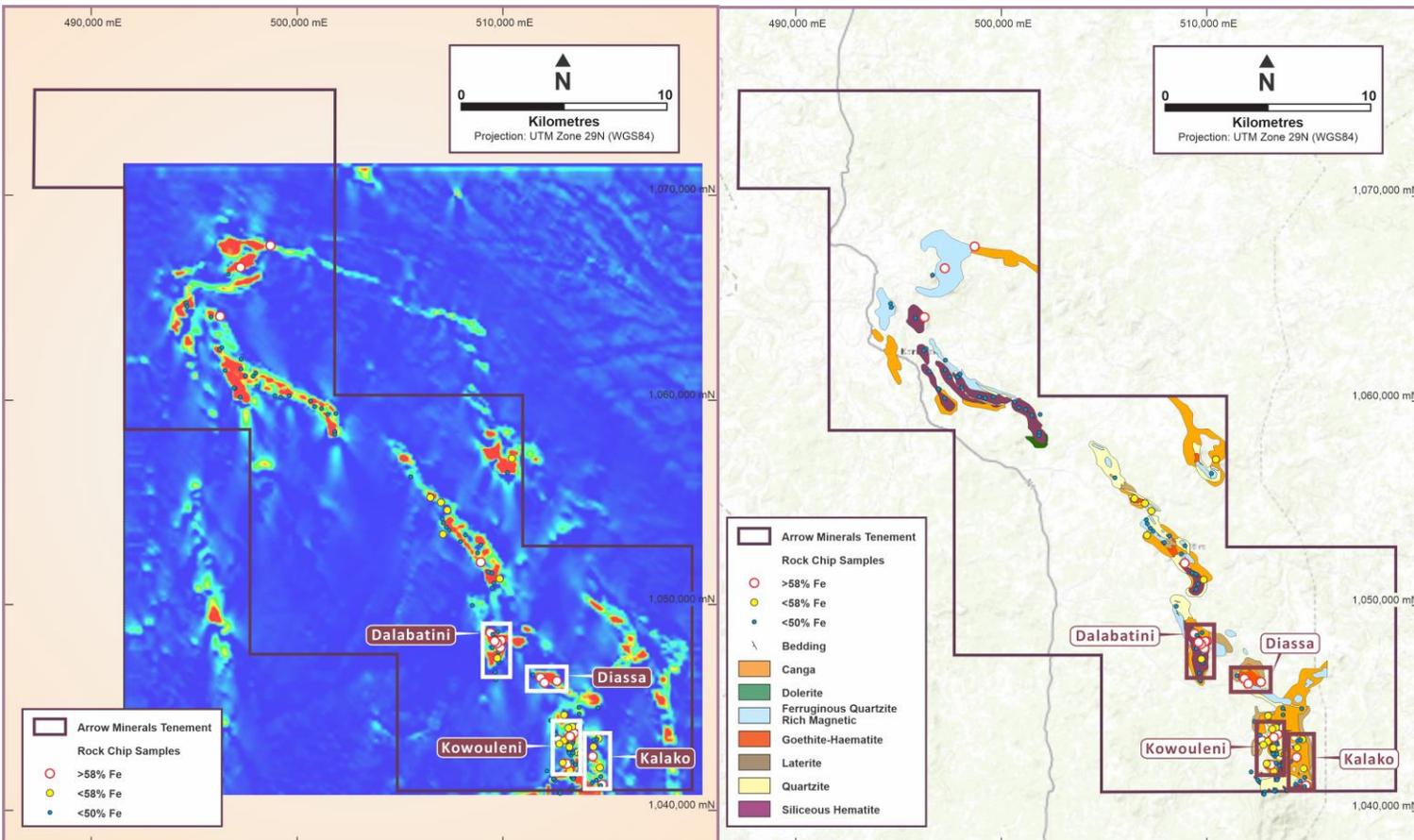


## MAJOR MINING COMPANIES OPERATING IN GUINEA:

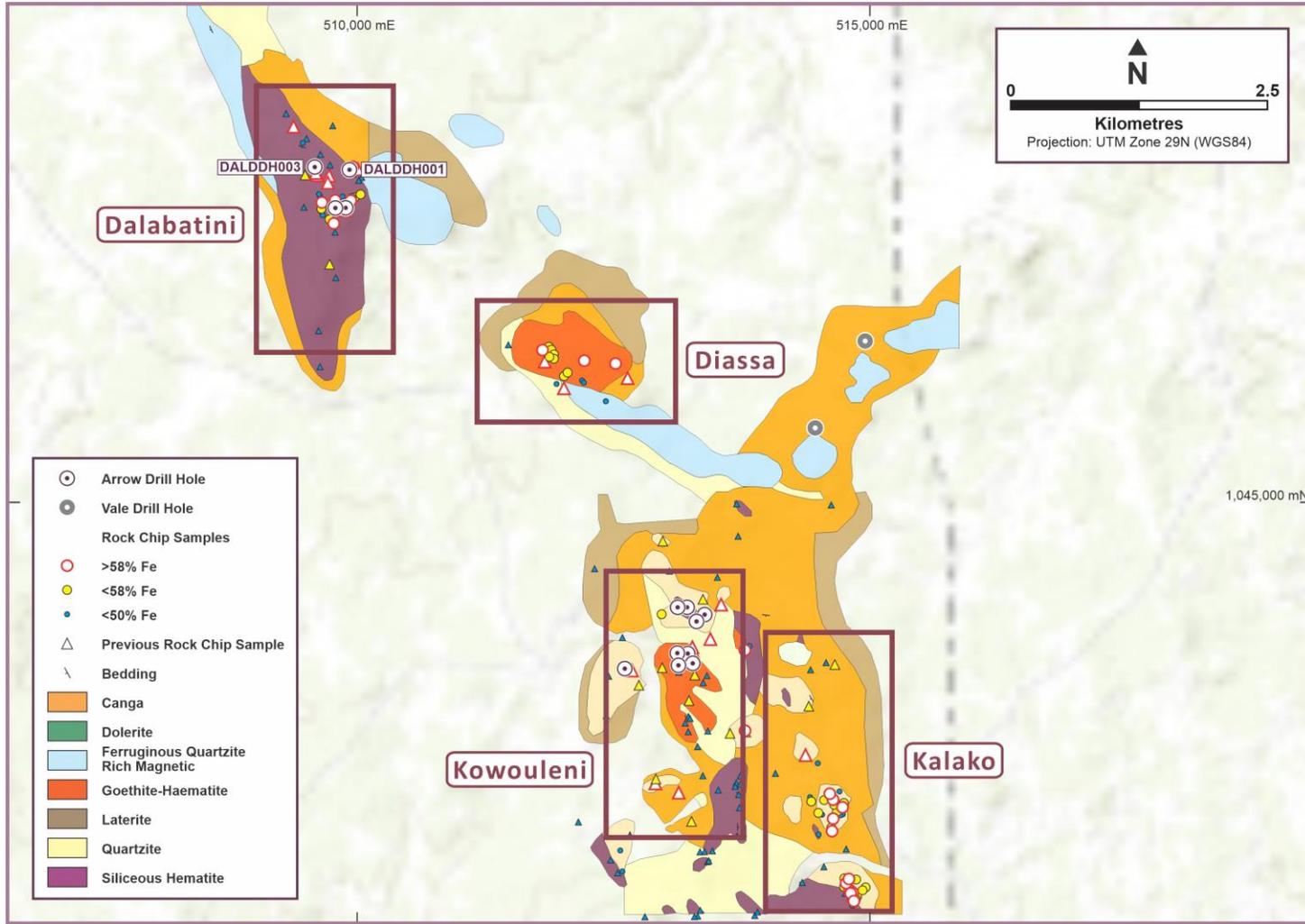


# ARROW MINERALS SIMANDOU NORTH IRON PROJECT

NORTHERN EXTENSION OF THE SIMANDOU RANGE - THE WORLD'S LARGEST UNDEVELOPED HIGH-GRADE IRON ORE PROVINCE



# PRIORITY FIRST PASS TARGETS

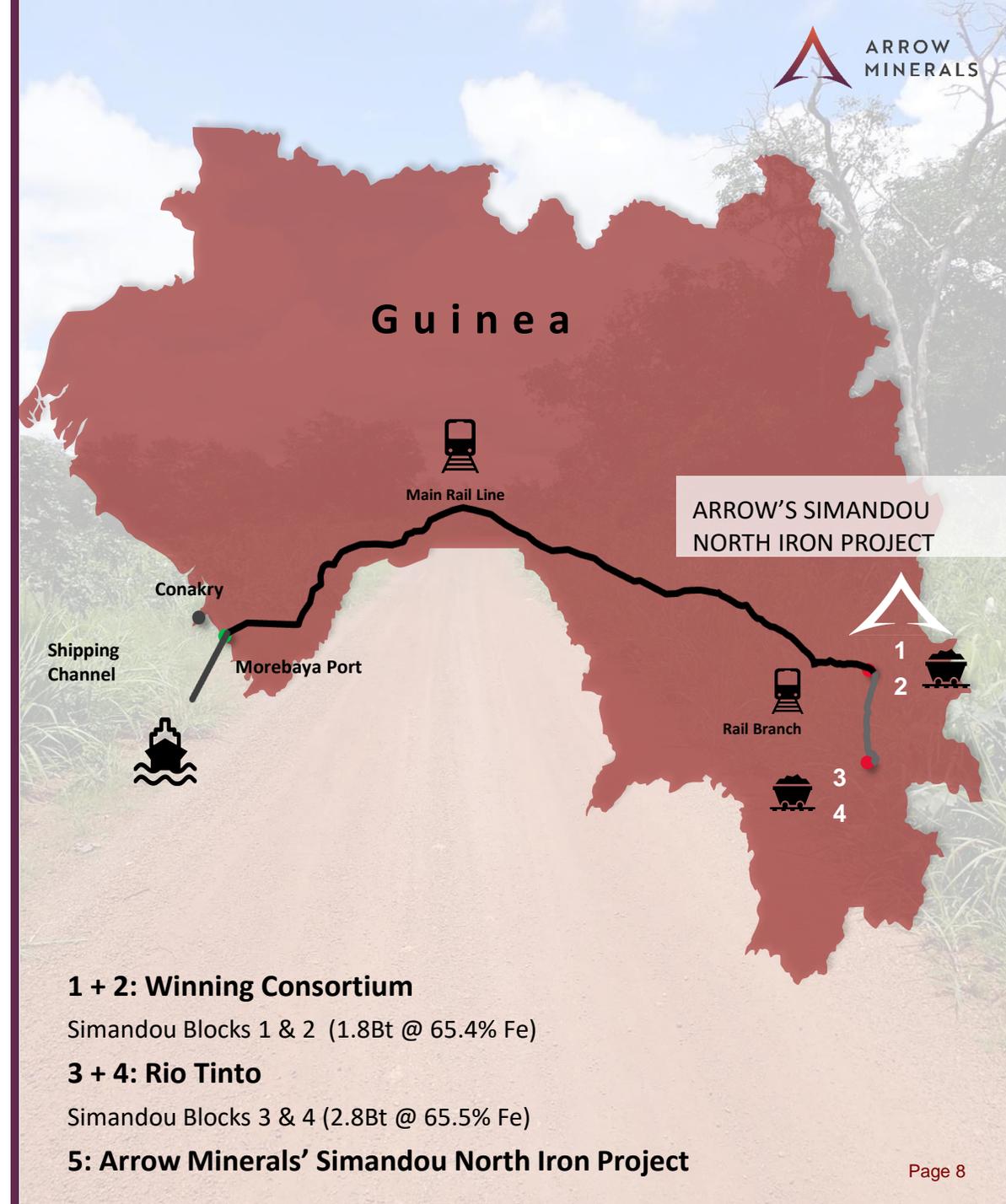


- Surface rock chip support presence of high-grade iron targets
  - 50 samples > 58% Fe including
  - 21 samples >62% Fe
- Arrow is currently targeting four distinct areas at the Simandou North Iron Project with a combined strike length of 10km:
  - **Dalabatini** – 1,000m x 2,500m
  - **Diassa** – 2,000m x 1,000m
  - **Kowouleni** – 1,000m x 3,000m
  - **Kalako** – 1,000m x 3,000m
- Scout diamond drilling, 16 holes for 826 m, completed at two for the four targets (locations on map and results pending).
- Drilling to recommence with the dry season

# INFRASTRUCTURE CORRIDOR UNLOCKING THE REGION

## WINNING CONSORTIUM SIMANDOU, RIO TINTO, BAOWU STEEL AND GOVERNMENT OF GUINEA TO CAPTURE ECONOMIC VALUE

- High-capacity multi-user rail & port infrastructure in Guinea to be built by La Compagnie du TransGuineen (CTG) - a JV Company established by Government of Guinea, Winning Consortium Simandou and Rio Tinto – Simfer.
- Construction underway - port and rail including tunnels and bridges – **infrastructural corridor projected to pass within 30km of the Simandou North Iron Project.**
- Construction of port well advanced at Morebaya capable of servicing the requirements of the Simandou Range.



# MAJOR INFRASTRUCTURE UPGRADES UNDERWAY



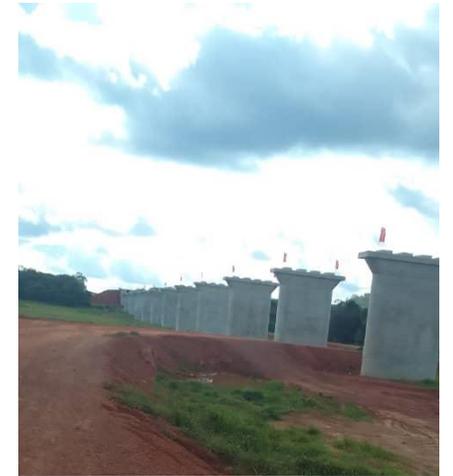
Commencement of mobilisation of 1,500 person temporary construction camp in Beyla to service the Simandou Infrastructure Project, located 100km south of Arrow's Simandou North Iron Project.



Mamkudu River Road Bridge - opened 1st May 2023.



670 km railway infrastructure currently under construction between Simandou and Forécariah, projected to pass within 30km of Arrow's Simandou North Iron Project.



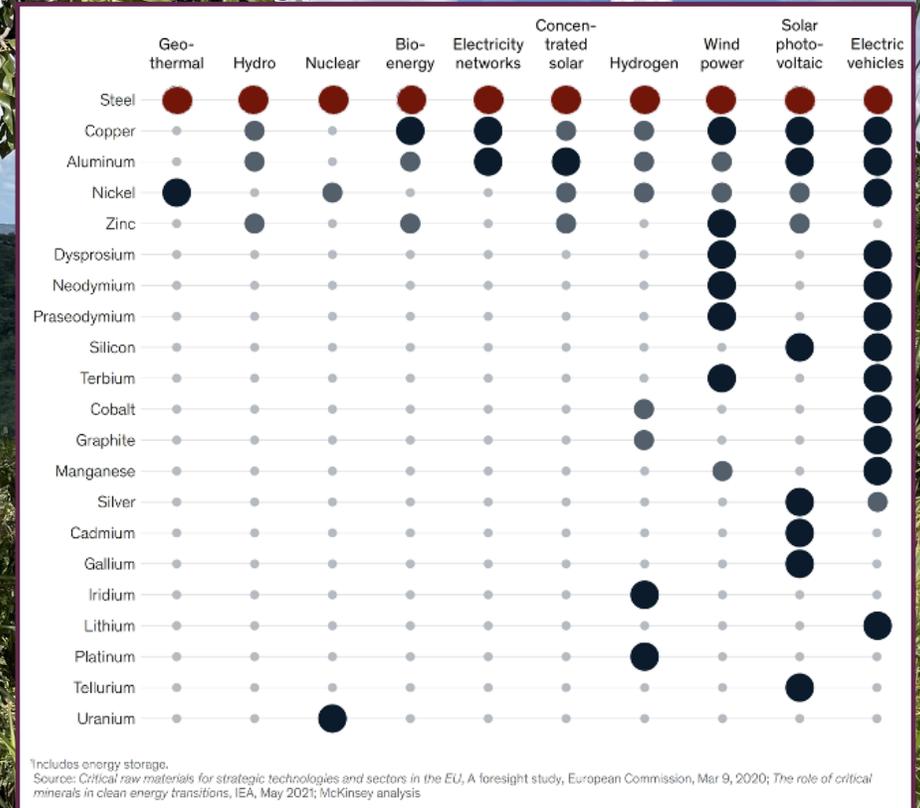
# BUILDING A GREENER WORLD

## STEEL CRUCIAL IN THE TRANSITION TO NET-ZERO AMBITIONS AND THE DECARBONISATION CHALLENGE

- All new infrastructure requires iron and steel
- Decarbonization of steel industry supported by high-grade ore to reduce emissions
- Demand for high grade iron ore expected to increase
- Higher quality raw materials like those from the Simandou Range will be in high demand attracting a premium

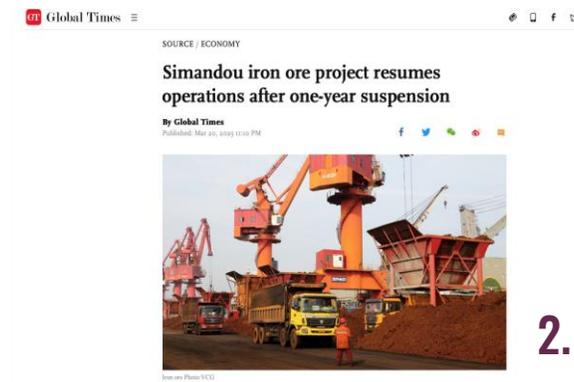


## Materials critical for transition to low-carbon economy, by technology type



# ALL EYES ON THE SIMANDOU RANGE

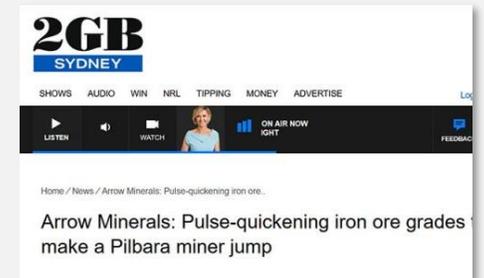
## ACCELERATING INTEREST IN THE REGION



Sources:

1. Australian Financial Review | Simandou may drive Australian iron ore volumes higher
2. Global Times | Simandou iron ore project resumes operations after one-year suspension
3. Mining Journal | Rio Tinto strikes rail and port deal for Simandou
4. The West Australian | Rio Tinto and partners reach agreements on rail infrastructure to unlock Simandou

## ARROW MINERALS: ORGANIC MEDIA INTEREST



# BUILDING A BETTER FUTURE FOR OUR COMMUNITIES



## DEEPLY COMMITTED TO SUPPORTING THE LOCAL COMMUNITY AND RESPECTING THE ENVIRONMENT

### ENVIRONMENT

- Respect our environment and maintain highest standards
- On-going rehabilitation throughout life of project

### SOCIAL

- Create long term direct jobs maximizing sourcing of local suppliers and communities
- Leave a lasting legacy with initiatives that will survive exploration and mining

### GOVERNANCE

- Ensure foundations for management and oversight in place
- All business activities conducted lawfully and ethically
- Manage risk through implementation of safe work practice with a strong focus on community wellbeing



# INVESTMENT SUMMARY

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**Committed** West African explorer actively and systematically exploring in world class iron ore district



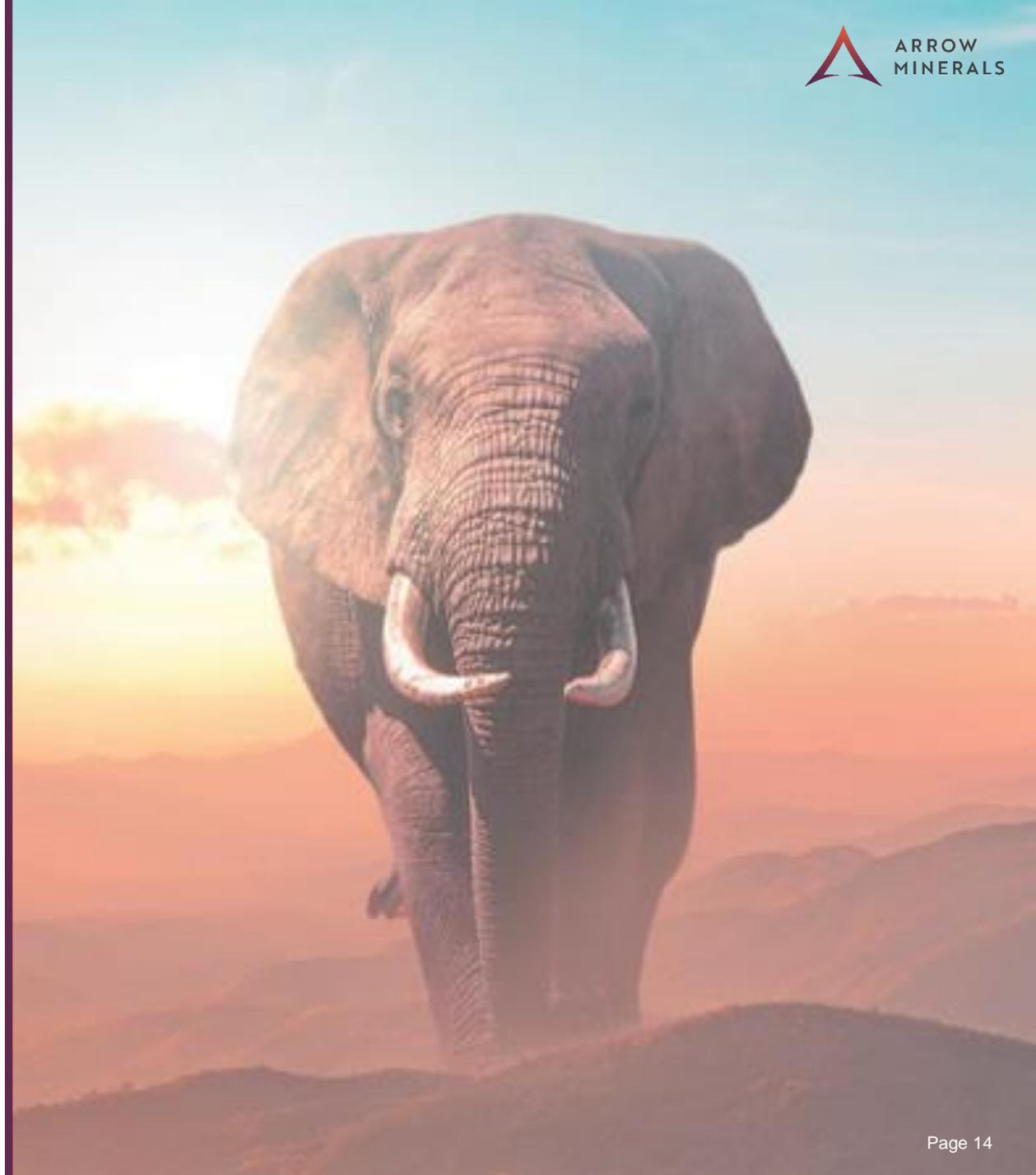
**Leveraging** off infrastructure corridor currently under construction



**Continuous** news flow from drill-ready targets and organic project pipeline



**Professional** management with African experience focused on generating shareholder value





# ARROW MINERALS LIMITED

ASX : AMD

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