

24th Annual

Mineral Sands & Rare Earths Conference

Co-located with Global Iron Ore & Steel Forecast Conference 2024

19 – 20 March 2024 | Crown, Perth

KEY INDUSTRY SPEAKERS INCLUDE:



Reg Adams, *Managing Director*, **ARTIKOL UK**



Patrick Mutz, *Managing Director*, **Image Resources Limited**



Bruce Griffin, *Executive Chairman*, **Sheffield Resources**



Ron Douglas, *Executive Officer and Executive Director*, **VHM Limited**



Angela Glover, *Chief Operating Officer*, **Northern Minerals**



Gavin Lockyer, *Managing Director*, **Arafura Limited**



Agata Krupa, *Vice President Risk & Corporate Services*, **Australian Strategic Materials**



Ray Mudgway, *Managing Director*, **WMS Group New Zealand**



Murray Lines, *Director*, **Stratum Resources**



Tiger Brown, *Managing Director*, **Astron Limited**



Greg Jones, *Commercial and Business Development Manager*, **IHC Mining**



Matt Healy, *Executive Director*, **Astute Metals NL**



Michael Winternitz, *Director Projects*, **WIM Resources**



Ellie Saklatvala, *Senior Editor – Nonferrous Metals*, **Argus Media**



Brett Hoyle, *General Manager*, **Currumbin Minerals**



Cadell Buss, *Founder & Managing Director*, **Chilwa Minerals**



Paul Brown, *CEO*, **Hastings Technology Metals**



David McCoy, *Executive Chairman*, **TZMI**



Tom Davidson, *CEO*, **ACDC Metals**



Damian Connelly, *Principal Consulting Engineer*, **METS Engineering Group**



Abhinav Gupta, *Research – Dry Cargo*, **Braemar**



Brett Hazelden, *Managing Director & Chief Executive Officer*, **OD6 Metals Ltd**

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Mineral Sands & Rare Earths Conference

Tuesday 19 March 2024

DAY 1

9:00 OPENING | Opening remarks from the Chair

Reg Adams, *Managing Director, ARTIKOL UK*

INDUSTRY OUTLOOK

9:05 INTERNATIONAL PRESENTATION

These shifting sands – the ebb & flow of demand, prices & profits

- Drivers of mineral sands demand: trends in downstream sectors (paint, plastics, ceramics & others)
- World trade, economic growth & investment climate
- New projects & new industry entrants
- Recap on recent industry news & developments
- Revenue from by-products (rare earths, vanadium, garnet, etc.)
- Challenges & opportunities facing the industry
- Technological innovations
- Supply, demand & price review & outlook
- Mineral sands for investors
- Key factors affecting the industry over the next 25 years

Reg Adams, *Managing Director, ARTIKOL UK*

9:35 Industry Perspective

Speaker to be advised

OPERATION UPDATES

10:05 Chapter 2: Growth and Sustainability

Image Resources has been a successful critical minerals producer for the past five years and is focused on transitioning from operating a single mine, with a single product and a single market jurisdiction (Chapter 1), to its Chapter 2 ambitions of operating multiple mines, producing multiple products and marketing globally. The Company is currently awaiting final permitting to commence mining at its 100%-owned, high-grade Atlas project and is actively conducting studies on three other projects with multi-decade potential operating life, and all within trucking distance of a proposed centralised mineral separation plant (MSP) to be located at its current Boonanarring mine site. A feasibility study for an MSP is well advanced and a study has also commenced on a synthetic rutile (SR) production facility targeting the value-adding upgrading of ilmenite to SR in a modern, lower carbon dioxide emissions process using green hydrogen.

Patrick Mutz, *Managing Director, Image Resources Limited*

10:35 Thunderbird: A New Long Term Source of Zircon

- World's largest zircon reserve
- On time and budget stage 1 construction
- De-risking ramp up

Bruce Griffin, *Executive Chairman, Sheffield Resources*

11:05 Morning break

11:30 Donald Project – Development Update

Tiger Brown, *Managing Director, Astron Corporation Limited*

12:00 INTERNATIONAL PRESENTATION

WMS Group – Project Update

Ray Mudgway, *Managing Director, WMS Group New Zealand*

12:30 WIM Resource – Think Ahead, Move Ahead

- Company Introduction
- Resource Portfolio
- Avonbank - a Tier One Zircon Asset
- Community & Rehabilitation Track Record

Michael Winternitz, *Director of Projects, WIM Resource*

1:00 Networking lunch

RARE EARTHS

Afternoon Chair: Murray Lines, *Director, Stratum Resources*

1:40 Rare earths market update: Price movements and key trends

- Pricing update: China and Europe
- Key market drivers for 2024: supply, demand and geopolitics
- What does the diversification of the supply chain mean for price mechanisms?

Ellie Saklatvala, *Senior Editor – Nonferrous Metals, Argus Media*

2:10 Goschen Project – Securing supply of critical minerals for the global energy transition

Ron Douglas, *Executive Officer and Executive Director, VHM Limited*

2:40 The recent developments of the Rare Earths market and the Nolans Rare Earths project

Gavin Lockyer, *Managing Director, Arafura Resources Limited*

3:10 Developing the Yangibana Rare Earths Project

Paul Brown, *Chief Executive Officer, Hastings Technology Metals Limited*

3:40 Afternoon Break

MINERAL SANDS PROJECTS UPDATE

4:00 Growing a major mineral sands project in Malawi

Cadell Buss, *Managing Director, Chilwa Minerals*

4:30 Developing Mineral sand and Rare earth projects

Tom Davidson, *Chief Executive Officer, ACDC Metals*

5:00 Mineral Characterisation Techniques for Mineral Sands

1. The importance of understanding mineralogy and its connection with processing and finished products.
 - > Understanding the difference between a label and a definition of mineral species
 - > "Are we talking about the same thing?"
2. What is the best methodology? Is there a best methodology?
 - > Who needs what information and when
3. How far can I take the work that I am doing today on my MRE – just to Ore Reserves? Or-further
 - > Future proofing your mineralogy characterisation.....
 - > How much do I expand in terms of effort and dollars and when is the right time for what approach?

Greg Jones, *Commercial and Business Development Manager, IHC Mining*

5:30 Networking Drinks

6:30 Close of Day 1

Mineral Sands & Rare Earths Conference

Wednesday 20 March 2024

DAY 2

9:00 OPENING | Opening remarks from the Chair

9:05 Market review on Chinese titanium industry

David McCoy, *Executive Chairman, TZMI*

9:35 Mineral Sand Concentrate update & Trends

- Exploration and Reserves
- Mining Processes
- Market Trends and Developments
- Rare Earth Elements (REEs) from HMS
- Economic and Environmental Considerations
- The industry is influenced by global market dynamics

Murray Lines, *Director, Stratum Resources*

10:10 The Governor Broome Heavy Mineral Sands Project

Matt Healy, *Executive Director, Astute Metals NL*

10:40 Dry bulk shipping market update

- Freight rate development
- Demand and supply fundamentals
- Market outlook

Abhinav Gupta, *Senior Analyst, Research Dry Cargo, Braemar*

11:10 Morning break

11:40 Export Finance Australia: Supporting Australia's resource and critical minerals sectors

Speaker to be advised.
Please check the conference website for updates.



VENUE DETAILS

Crown, Perth

Great Eastern Hwy, Burswood WA 6100

Phone: (08) 9362 7777

TECHNICAL PERSPECTIVES

12:10 East Coast Mineral Separation Plant Facility

Brett Hoyle, *General Manager, Currumbin Minerals*

12:40 Networking lunch

RARE EARTHS

Afternoon Chair: Reg Adams, *Managing Director, ARTIKOL UK*

1:30 ASM: An alternative supply chain for the clean energy transition

Agata Krupa, *Vice President Risk & Corporate Services, Australian Strategic Materials*

2:00 Northern Minerals and the Browns Range Rare Earths project

Angela Glover, *Chief Operating Officer, Northern Minerals*

2:30 Esperance a new clay hosted rare earth province

Brett Hazelden, *Managing Director & Chief Executive Officer, OD6 Metals Ltd*

3:00 The Challenges of Producing Rare Earths From Monazite & Xenotime

Damian Connelly, *Principal Consulting Engineer, METS Engineering*

3:30 CLOSE | Closing remarks from the Chair and Close of Conference

SPONSORSHIP AND EXHIBITION OPPORTUNITIES

There are many opportunities for networking including social events such as networking drinks, lunches and refreshment breaks making this not just a conference... but an all-encompassing industry "experience".

Excellent opportunities exist to showcase your organisation.

For further information, please contact:

Megan Rogulski, Sponsorship Manager

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Pricing Details

Conference Package	Early Bird Rate Book & pay until 15 February 2024				Standard Rate Book & pay from 16 February 2024		
	PRICE	GST	TOTAL	SAVE	PRICE	GST	TOTAL
Two day conference	\$3,550	\$355	\$3,905	\$300	\$3,850	\$385	\$4,235

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