



International Critical Minerals & Metals Summit: Indonesia

4th – 6th September 2024

The Westin Resort Nusa Dua, Bali

As the world strives to mitigate climate change and transition to renewable energy sources, critical minerals and metals are emerging as pivotal elements in the global push to deliver a clean energy system and associated sustainable energy infrastructure. Central to this is Indonesia, a nation rich in many of the critical minerals and metals necessary for the production of renewable energy technologies.

The international critical minerals industry has the potential to transform Indonesia into a top destination for sustainable investment – and Fastmarkets' **International Critical Minerals and Metals Summit: Indonesia**, supported by the Indonesian Government, is a prime opportunity to hear from the key players in this crucial journey.

Set in the stunning location of The Westin Resort Nusa Dua on the beautiful island of Bali, this brand-new event will bring together over 300 senior government officials, international investors, miners and manufacturers to map out the exciting new journey in Indonesia's energy transition.

The two-day summit will provide insights into Indonesia's crucial role in the global drive to energy transition and explore the opportunities created by the rich resources of critical minerals in the region. Expert International speakers offer an invaluable overview of the critical minerals market, best practice in ESG, pricing, regulatory and legal frameworks, the investment landscape and innovations in technologies, as well as crucial government updates.

A pre-day workshop will allow attendees to deep dive into the topic of ESG in an interactive format to understand how best practices and global standards could help accelerate Indonesia's development plans and industrial targets.

An invitation-only Government Summit will also be held as a boardroom discussion for selected stakeholders and partners working to drive Indonesia's roadmap forward and will be followed by a private dinner.

Don't miss this opportunity to network and exchange ideas with stakeholders involved in the length of the critical minerals value chain, including investors, those working in exploration, mining, supply chain and OEMs. This event will also offer an opportunity for you to deep dive into the supply, demand, trade flows, pricing, investment and project prospects of each of the critical minerals and metals; including nickel, copper, tin, zinc, gold, manganese, cobalt, silica, steel, aluminium, bauxite and alumina.



Pre-Conference Wednesday 4 September

ESG Workshop

Co-hosted by Minviro and the Indonesian Initiative for Sustainable Mining

Wednesday 4 September, 14:00 – 17:00

Delivering excellence and driving the highest standards in ESG across the critical minerals and metals industry in Indonesia

This interactive three-hour workshop will deep-dive into the critical aspects of building a robust and sustainable ESG strategy for your business operations. Leading experts will showcase best practice case studies from around the world and their practical and real-time application in Indonesia.

This workshop will also give the full toolkit on how your ESG strategy can be better designed to attract investment to help you deliver your future expansion and growth plans. Whether your strategy is advanced in its evolution or at the early stages of development, this is a must attend practical workshop that will give you everything you need to deliver a sustainable ESG strategy.

Regular breaks throughout the session will be facilitated with tea, coffee and refreshments. The session will start with introductions and feature practical exercises to fully immerse you into this critical topic.

Workshop Agenda

A deep dive into how ESG best practices are evolving in Indonesia and globally across the entire critical minerals and metals value chain. This workshop will examine and explore successful case examples and best practices as well as help attendees keep abreast of key regulatory and policy developments.

Environmental case examples and best practice

- Reforestation
- De-forestation
- Water treatment and salination
- Sediment management
- Dry saturation tailings

Building a robust social strategy with meaningful engagement

- Collaboration with local communities
- Education and job creation
- Reducing population displacement
- Utilising critical minerals and metals for the benefit of local communities

A full overview of governance, compliance, policy and regulatory requirements

- Enabling greater transparency
- Ensuring compliance with global workforce standards
- Implementing best practices to drive global investment and accelerate opportunities in Asia, Europe and the US

Delivering strategic plan that drives investment growth and is designed to fulfil expansion plans

Examining innovative best practices and case studies from around the world



Government Summit (*Invitation only*)

Wednesday 4 September, 14:30 – 21:00

Working together to deliver Golden Indonesia 2045 Vision

This closed door, invitation only government summit will be hosted by the Indonesian Government and is designed to discuss the key issues with strategic stakeholders and partners across the entire critical minerals and metals ecosystem.

Agenda

14:30 – 15:00 Arrival & Networking Refreshments

15:00 – 15:45 **Presentation: Overview of Government Strategy & Roadmap**

Septian Hario Seto, Deputy Minister of the Coordinating Ministry for Maritime and Investment Affairs of Indonesia, Republic of Indonesia

15:30 – 18:00 **Roundtable Discussion moderated by Raju Daswani, CEO, Fastmarkets**

- Production and expansion roadmap
Marit Kitaw, Interim Director of the African Minerals Development Center (AMDC)
- ESG strategy
Dr. Veronique Steukers, President-Elect, The Nickel Institute
- Global energy transition
Bryce Lee, Global Lead of ESG & Sustainability, Huayou Cobalt
- Supply chain and infrastructure
Janeman Mauritana Latul, Director, Macquarie Group
- Geopolitical considerations
Pedro Manuel Moreno, Deputy Secretary-General of the United Nations Conference on Trade and Development (UNCTD)

18:18 Maghrib (Evening Prayers)

18:30 – 21:00 **Networking Dinner**



Day 1 - Thursday 5th September 2024

07:30 - 17:00	Registration
08:55 - 09:00	Welcome and Introduction Catherine Oates, <i>Managing Director, Fastmarkets</i>
09:00 – 09:20	Opening Keynote Address Raju Daswani, <i>CEO, Fastmarkets</i>
09:20 – 09:35	Ministry Keynote: A new era for energy transition: Indonesia’s vision for critical minerals and its role on the global stage <i>The next 5-10 years is going to see significant change for Indonesian, as Government policy facilitates the transition towards sustainable energy: Understand the vision and plans for the industry, as international leadership prepares the framework for greater efficiency, investment, and trade for critical minerals and metals.</i> Septian Hario Seto, <i>Deputy Minister of the Coordinating Ministry for Maritime Affairs and Investment of Indonesia, Government of Indonesia</i>
09:35 – 09:40	Are we ready for the future? Ben Lawson, <i>Vice Chairman, Djakarta Mining Club</i>
09.40 - 09.55	MIND ID's pivotal role in extracting maximum value and benefits from Indonesia’s critical mineral and metal reserves <ul style="list-style-type: none"> • Examining the strategic evolution of Indonesia's mining sector • Assessing and overcoming key challenges • Crafting an efficient and effective operational roadmap Ratih Dewihandajani, <i>Senior Vice President of Indonesia Mining and Mineral Research Institute, MIND ID</i>
09:55 - 10:40	Panel: Indonesia as a key contributor to energy transition: Can Indonesia become a critical minerals and green economy powerhouse? <i>Valuable insights from industry leaders across the length of the supply chain</i> <i>Moderator:</i> Mangantar S. Marpaung, <i>Chairman, Djakarta Mining Club</i> <i>Panellists</i> Tonny H. Gultom, <i>Director – Health Safety and Environment, Harita Nickel</i> Andry Setiawan, <i>Managing Director of Investment, Indonesia Investment Authority</i> Aldo Namora, <i>Head of Business Development, PT Ceria Nugraha Indotama</i>
10:40 - 11:00	Fastmarkets Insights: Deep dive into the market supply and demand outlook for critical minerals and metals <ul style="list-style-type: none"> ▪ Cobalt ▪ Copper ▪ Nickel ▪ Manganese Olivier Masson, <i>Principal Analyst, Battery Raw Materials Analytics, Fastmarkets</i>
11:00 – 11:30	Networking Break



11:30 – 11:50	<p>Investing and powering the global energy transition</p> <p>Bryce Lee, <i>Global Lead of ESG & Sustainability, Huayou Cobalt</i></p>
11:50 – 12:10	<p>Presentation: Navigating EU policies and regulations in the critical minerals and metals market</p> <ul style="list-style-type: none"> Navigating Battery Passport and Life Cycle Assessment in the Critical Minerals and Metals Market <p>Dr Robert Pell, <i>Founder & CEO, Minviro</i></p>
12:10 – 12:30	<p>Case Study: Recent developments in modelling and grade control for lateritic Ni in Indonesia and New Caledonia</p> <p>Keith Whitchurch, <i>President Director, SMG Consultants</i></p>
12:30 - 13:15	<p>Panel: A Nickel Paradox? Unravelling the dynamics that influence the nickel market</p> <ul style="list-style-type: none"> Overview of the current state of the global and Indonesian nickel market Exploring green nickel and the new approach to discussing green nickel Supply-demand dynamics Outlook for NPI and stainless steel production <p><i>Moderator:</i> Sybil Pan, <i>Pricing Reporter, Fastmarkets</i></p> <p><i>Panellists</i> Joe Vu, <i>Head of Financial Sales, Asia, London Metal Exchange</i> Justin Werner, <i>Managing Director, Nickel Industries</i> Jerome Baudelet, <i>President Director, Eramet Indonesia</i></p>
13:15 - 14:15	Networking Lunch
14:15 - 15:00	<p>Panel: Advancing midstream and downstream industries: Unlocking Indonesia's potential</p> <ul style="list-style-type: none"> What should Indonesia's focus be in terms of metals – Copper, nickel, lithium, cobalt? Midstream v downstream – where should the focus be? Place your bets – NMC or LFP? <p><i>Moderator:</i> Artyom Kachkovsky, <i>Director, dss+</i></p> <p><i>Panellists:</i> Nico Kanter, <i>President Director, PT ANTAM</i> Vinicius Mendes Ferreira, <i>Advisor for Ni Downstreaming, PT Vale Indonesia</i> Andrew Starkey, <i>Director, PT Merdeka Battery Materials</i> Mark Steemson, <i>Consultant, Solway Group Asia Pacific</i></p>
15:00 - 15:45	<p>Panel: Future-proofing the industry - critical skills for critical minerals</p> <ul style="list-style-type: none"> Emerging skills needed for energy transition – how do we prepare and upskill the next generation workforce? Addressing gender imbalance - identifying and overcoming barriers to advancement in the sector The role of a diverse workforce in driving innovation and development Best practices and strategies for enhancing and fostering diversity and inclusion <p><i>Moderator</i> Maya Muchlis, <i>Co-Founder and Executive Director, Women in Mining</i></p>



	<p><i>Panellists:</i> Emilia Sitompul, <i>Head of External Affairs and Sustainability, ABM Investema</i> Balada Armor, <i>Senior Mining Specialist, World Bank</i> Nur Hygiawati Rahayu, <i>Director of Manpower, Ministry of National Development Planning</i> Mangantar S. Marpaung, <i>Chairman, Djakarta Mining Club</i> Juliana Tarazona, <i>Director, Mining & Metals, APAC, dss+</i></p>
15:45 – 16:10	Networking Break
16:45 - 16:30	<p>Panel: Navigating ESG challenges in the critical minerals and metals industry in order to progress downstream capabilities</p> <ul style="list-style-type: none"> • What does the market demand of Indonesian nickel in terms of ESG requirements? • Understanding the ESG credentials required to attract investment and facilitate development • Examining sustainable mining practices and innovations to minimize ecological footprint • Strategies for fostering community engagement, labour rights and stakeholder collaboration • Implementing robust governance frameworks to ensure ethical practices and regulatory adherence <p><i>Moderator:</i> Matthew Yeo, <i>Head of Business Development and ESG, PT. Mitra Murni Perkasa</i></p> <p><i>Panellists:</i> Meidy Katrin Lengkey, <i>General Secretary, Indonesian Nickel Miners Association (APNI)</i> Muchtazar, <i>Head of Sustainability, Nickel Industries Limited</i> James McKeigue, <i>Base Metals Editor, Fastmarkets</i> Juliana Tarazona, <i>Director, Mining & Metals, APAC, dss+</i></p>
16:30 -17:15	<p>Panel: Examining the implications of battery chemistry choice on raw materials demand and the supply chain</p> <ul style="list-style-type: none"> • The EV battery raw materials value chain • Ni, Li, Co, Mn, Graphite: which are critical? • Projected demand for batteries in the context of the global energy transition • Latest trends on extraction, processing and refining of battery materials • The future of NMC v LFP <p><i>Moderator:</i> Nishcay Chadha, <i>CEO, ACE Green Recycling</i></p> <p><i>Panellists:</i> Nicolas Goffaux, <i>Mining and Metals Expert, McKinsey & Company</i> Paul Lusty, <i>Head of Battery Raw Materials, Fastmarkets</i> Cormac O'Laoire, <i>Managing Director, Electrios Energy</i></p>
17:15 - 17:20	Day One Closing Remarks from the Chair
17:30 - 19:30	Cocktail Reception in the Temple Gardens
19:30 - 21:30	Gala Dinner in the Summer Gardens



Day 2 – Friday 6th September 2024

07:00 - 17:00	Registration
09:30 - 09:35	Welcome by the Chair James McKeigue, Base Metals Editor, Fastmarkets
09:35 - 09:50	Keynote Address: Underpinning a sustainable industry and how it can be applied in Indonesia Rod Commerford, Counsellor (Commercial), Trade & Investment Commissioner, Austrade Jakarta
09:50 - 10:00	Advancing toward sustainable green nickel products Imelda Kiagoes, Corporate Secretary, PT Ceria Nugraha Indotama
10:00 - 10:40	<p>Panel: Valuing the natural resources of Indonesia: a guide to pricing mechanisms</p> <ul style="list-style-type: none"> Indonesia's pricing power as a leading global producer of critical minerals Latest pricing updates for nickel pig iron, MHP and cobalt Understanding the importance of accurate pricing Deep dive into pricing mechanisms to help navigate the MHP, NPI, cobalt, black mass, copper and manganese markets <p><i>Moderator</i> Fleur Ritzema, Editorial and Pricing Director – Non Ferrous, Fastmarkets</p> <p><i>Panellists</i> Jingtai Lun, Regional Managing Editor, Fastmarkets Laura Roberts, Pricing Reporter, Fastmarkets Dylan Duan, Price Reporter, Fastmarkets Sybil Pan, Price Reporter, Fastmarkets</p>
10:40 - 11:30	<p>Panel: Exploring the investment and partnership landscape in Indonesia for the global critical minerals industry</p> <ul style="list-style-type: none"> Developing a strategy for successful international collaboration and cross-border partnerships from across the globe: Why is it important? How to respond to the challenges of navigating European CBAM and US IRA tariffs and requirements How to manage growth in an environment of fragmented trade and geopolitical challenges Investors' profile upstream: what has changed and what role for 'blended finance' Examining the barriers to investment across the critical minerals value chain. <p>Moderator: Myriam El Kara, Founder & CEO, Sterling Acumen</p> <p><i>Panellists</i> Dominik Utama, Partner, Bain & Company Vera Ivanova, Executive Director, Mining & Metals, Standard Chartered Vishal Khagram, Executive Member, Kenya Chamber of Mines Amanda Lees, Partner, King & Wood, Mallesons</p>
11:30 - 13:30	Friday prayers and lunch



13:30 - 14:15	<p>Panel: Indonesia's role at the heart of building a global energy transition supply chain</p> <ul style="list-style-type: none"> • Building an Indonesian EV supply chain that meets the requirements of the U.S. Inflation Reduction Act • Industry's role in building the western battery and battery materials supply chain • How can America support Indonesia and its partners on this journey to IRA compliance? <p><i>Moderator:</i> Ben Lawson, Vice Chairman, Djakarta Mining Club</p> <p><i>Panellists:</i></p> <p>Trent Mell, Founder & CEO, Electra Battery Materials Cassandra Lee, Global Director, Nickel, Cobalt & Manganese, Hatch Arthur Wanandi, Director, PT. Trinusa Resources Steven Vassiloudis, Founder & CEO, Novalith Marius Toime, Partner, K&L Gates</p>
14:15 - 14:45	<p>Exploring Indonesia's competitive position in the aluminium value chain</p> <p>Laura Roberts, Pricing Reporter, Fastmarkets Wito Krisnahadi, President Director, PT Adaro Minerals Indonesia Tbk</p>
14:45 – 15:00	<p>Sustainable production of critical minerals and metals through microalgae cultivation, a tool for decarbonisation</p> <p>Ollie Fox, Chief Financial Officer, Aligma</p>
15:00 – 15:20	<p>Asia stainless steel 2024: Examining the effect of supply-demand imbalance on prices</p> <ul style="list-style-type: none"> • How are downstream sectors reacting to production levels and new capacity? • Stainless steel prices post COVID <p>Jessica Zong, Senior Price Reporter, Fastmarkets</p>
15:20 – 16:05	<p>Panel: Simplifying the Supply Chain: Reducing costs, understanding the complexities and mitigating risks for a responsible supply chain</p> <p><i>While opportunity in the critical mineral and metals market is set to become even greater in the coming years, there is an urgent need to reduce the costs, complexity, and risks present in the supply chain: Learn from our experts as they share their approach to ESG, capital requirements, digital innovation, climate change, and technological change.</i></p> <p><i>Moderator:</i> Udit Gupta, Metals and Mining Solutions Specialist, McKinsey & Company</p> <p><i>Panellists:</i></p> <p>Justin Muhl, Analyst, TMP Jeremy Chang, CEO, Sichuan Calciner Technology Reza Rahmaditio, Analyst, World Resources Institute</p>
16:05 - 16:10	<p>Closing Remarks</p>



Confirmed speakers

Septian Hario Seto, *Deputy Minister of the Coordinating Ministry for Maritime Affairs and Investment of Indonesia*, **Government of Indonesia**

Ratih Dewihandajani, *Senior Vice President of Indonesia Mining and Mineral Research Institute*, **MIND ID**

Jerome Baudalet, *Sales and Marketing Director – Nickel and Lithium*, **Eramet Group**

Rod Commerford, *Minister Counsellor (Commercial)*, **Austrade**

Nico Kanter, *President Director*, **PT ANTAM**

Tonny H. Gultom, *Director – Health Safety and Environment*, **Harita Nickel**

Bryce Lee, *Global Lead of ESG & Sustainability*, **Huayou Cobalt**

Vinicius Mendes Ferreira, *Advisor for Ni Downstreaming*, **PT Vale Indonesia**

Jeremy Chang, *CEO*, **Sichuan Calciner Technology**

Steven Vassiloudis, *Founder & CEO*, **Novalith**

Nishcay Chadha, *CEO*, **ACE Green Recycling**

Fleur Ritzema, *Editorial and Pricing Director – Non Ferrous*, **Fastmarkets**

Imelda Kiagoes, *Corporate Secretary*, **PT Ceria Nugraha Indotama**

Mangantar S. Marpaung, *Chairman*, **Djakarta Mining Club**

Ben Lawson, *Vice Chairman*, **Djakarta Mining Club**

Dr Robert Pell, *Founder & CEO*, **Minviro**

Dominik Utama, *Partner*, **Bain & Company**

Vera Ivanova, *Executive Director, Mining & Metals*, **Standard Chartered**

Vishal Khagram, *Executive Member*, **Kenya Chamber of Mines**

Amanda Lees, *Partner*, **King & Wood, Mallesons**

Nur Hygiawati Rahayu, *Director of Manpower*, **Ministry of National Development Planning**

James McKeigue, *Regional Editor – Base Metals*, **Fastmarkets**

Reza Rahmaditio, *Analyst*, **World Resources Institute**

Aldo Namora, *Head of Business Development*, **PT Ceria Nugraha Indotama**

Emilia Sitompul, *Head of External Affairs and Sustainability*, **ABM Investema**

Juliana Tarazona, *Director, Mining & Metals, APAC*, **dss+**

Muchtazar, *Head of Sustainability*, **Nickel Industries**

Laura Roberts, *Pricing Reporter*, **Fastmarkets**

Wito Krisnahadi, *President Director*, **PT Adaro Minerals Indonesia**

Maya Muchlis, *Co-Founder and Executive Director*, **Women in Mining**

Balada Armor, *Senior Mining Specialist*, **World Bank**

Udit Gupta, *Metals and Mining Solutions Specialist*, **McKinsey & Company**

Myriam El Kara, *Founder & CEO*, **Sterling Acumen**

Trent Mell, *Founder & CEO*, **Electra Battery Materials**



Andry Setiawan, *Managing Director of*

Investment, Indonesia Investment Authority

Keith Whitchurch, *President Director, SMG Consultants*

Ollie Fox, *Chief Financial Officer, Aligma*

Cormac O'Laoire, *Managing Director, Electric Energy*

Justin Muhl, *Analyst, TMP*

Mark Steemson, *Consultant, Solway Group Asia Pacific*

Nicolas Goffaux, *Mining and Metals Expert, McKinsey & Company*

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