



Draft Agenda of Themes (subject to change)

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TUESDAY, 19 SEPTEMBER

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2:00 PM **Registration Opens**

4:30 PM **Welcome Reception**

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WEDNESDAY, 20 SEPTEMBER: DAY 1

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7:30 AM **Breakfast Networking**

8:30 AM **OPENING KEYNOTE FROM BENCHMARK MINERALS**

Andrew Miller, Chief Operating Officer, **Benchmark Mineral Intelligence**

8:50 AM **WORDS OF WELCOME FROM JAPANESE GOVERNMENT HOSTS**

Hidetaka Nishimura, Deputy Director General, Commerce and Information Policy Bureau, **Ministry of Economy, Trade and Industry (METI), Government of Japan**

9:10 AM Global Policy Developments Keynotes:
MEETING ELECTRIC VEHICLE SUPPLY CHAIN GOALS RESPONSIBLY

Ambassador Sarah Bianchi, Deputy United States Trade Representative, **Executive Office of the President, Government of the United States of America**

9:45 AM **CHARTING THE RISE OF THE GIGAFACORIES IN ASIA PACIFIC**

- ◆ Asia Pacific's role in the global race to 300TWh deployed capacity
- ◆ Shifting thinking from GWh to TWh for true Net Zero by 2050
- ◆ Designing efficient gigafactory supply chains from mine to EV

Moderated by **Caspar Rawles**, Chief Data Officer, **Benchmark Mineral Intelligence**

Yusuke Hino, Head of Lithium Group, **PPES (Prime Planet Energy & Solutions)**

Rune Nordgaard, Japan Country Manager, **Freyr**

Deeana Ahmed, Chief Strategy Officer, **Our Next Energy**

Anthony Tse

10:55 AM **Networking Break**

+++++ **WEDNESDAY, 20 SEPTEMBER: DAY 1** +++++

11:15 AM

Supply chain leadership keynotes:

CRITICAL MINERAL SECURITY: ADDRESSING THE GREAT RAW MATERIAL DISCONNECT

- ◆ Understanding where structural deficits and surpluses exist in critical material supply chains
- ◆ The importance of securing an entire battery supply chain through diversity, resilience, and sustainability
- ◆ Ensuring quality control starts at the mine site and continues through extraction, mid-stream chemistry and battery production

Moderated by **Daniel Fletcher-Manuel**, Head of Prices, Data and Indices, Benchmark Mineral Intelligence

Takeshi Harada, Director of Metals Strategy Department of Metals Unit, **Japan**

Organization for Metals and Energy Security (JOGMEC)

Ashish Patki, Director, Business Development and Market Intelligence, **Livent**

Wei Xiong, Lithium Advisor, **Traxys**

12:15 AM

AUSTRALIA SPOTLIGHT SESSION

- ◆ Leveraging Australia's role as critical minerals superpower & investment hub
- ◆ Building partnerships in the global lithium ion economy
- ◆ Exporting expertise, best practice and technological innovation

Moderated by **Cameron Perks**, Principal Consultant, **Benchmark Mineral Intelligence**

Nicole Fasana, Investment and Trade Commissioner for North East Asia, **Government of Western Australia**

Simon Linge, CEO, **Lithium Australia**

12:55 PM

Networking Lunch

1:55 PM

INDONESIA SPOTLIGHT

Moderated by **Harry Fisher**, Project Manager, **Benchmark Mineral Intelligence**

Roy Arfandy, President Director, **PT Trimegah Bangun Persada Tbk (Harita Group)**

2:20PM

UNDERSTANDING APAC AUTO INDUSTRY DYNAMICS

Takaki Nakanishi, CEO, **Nakanishi Research Institute, Co., Ltd.**

2:40PM

ESTABLISHING AN INDIAN BATTERY VALUE CHAIN

Vijayanand Kumar Samudrala, Chief Executive Officer, **Amara Raja Batteries Ltd**

3:00PM

Highlight presentation:

GENERAL MOTORS BATTERY RAW MATERIAL VISION & EV FUTURE

Marcus McNamara, Senior Manager, GM Korea Battery Cell Components & Electrification, **GM**



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WEDNESDAY, 20 SEPTEMBER: DAY 1



3:20 PM **Networking Break**

3:20 PM **UNDERSTANDING GLOBAL BATTERY SUPPLY CHAIN DEVELOPMENTS**

- ◆ Scaling anode, cathode & battery component production
- ◆ Improvements in the structures and properties of battery design
- ◆ Ensuring circularity in the battery ecosystem

Moderated by **Robert Colbourn**, Publisher - Benchmark Source, **Benchmark Mineral Intelligence**

Dan Blondal, CEO, **Nano One Materials Corp**

Michael Prassas, Commercial Manager, **Neometals**

Yukinari Kondo, Regional Sales Director, Japan and South East Asia, Rechargeable Battery Materials, **Umicore Japan KK**

Lv Liang, Director of R&D, **Huzhou Kunlun Enchem Battery Materials Co., Ltd**

Annie Li, Consultant, **Benchmark Mineral Intelligence**

Adam Megginson, Analyst, **Benchmark Mineral Intelligence**

5:00 PM **Networking Reception**



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THURSDAY, 21 SEPTEMBER: DAY 2

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CRITICAL MINERALS DAY

7:30 AM **Breakfast Networking**

8:30 AM **EXPLORING USA BATTERY GIGAFACTORY & CRITICAL MINERAL POLICY**
Mallory Clites, Batteries & Critical Materials Supply Chain Manager, **U.S. Department of Energy**

8:50 AM **CREATING A GLOBAL CRITICAL MINERAL POLICY FRAMEWORK**

- ◆ How leading jurisdictions are designing policy and incentive structures to balance cooperation and competition, mobilise finance and drive investment at pace and scale?
- ◆ Demand focused policy: Assessing mandates, subsidies and investment in green power and charging infrastructure to encourage battery value chain development
- ◆ The need for global & regional coordination, dialogue, transparency & consistency among policy makers

Moderated by **Robert Colbourn**, Publisher - Benchmark Source, **Benchmark Mineral Intelligence**

James Choi, Honorary Ambassador for Foreign Investment Promotion, **Korean Ministry of Trade, Industry and Energy**

Vicente Pinto, Investment Commissioner for Asia, **Investchile (Japan Office)**

Further speakers to be confirmed

09:40 AM **FINANCE & INVESTMENT PANEL**

- ◆ Aligning industry, policy and finance to unlock capital for the battery value chain
- ◆ Identifying roadblocks between capital and battery industry projects
- ◆ Importance of ESG credentials to facilitating investment in the new energy economy

Moderated by **Daniel Fletcher-Manuel**, Head of Prices, Data and Indices, Benchmark Mineral Intelligence

Chris Richter, Managing Director, **CLSA**

Ross Gregory, Partner, **New Electricity Partners**

Michael Willoughby, Global Head Metals, Mining & Transition Materials, **HSBC**

10:30 AM **Networking Break**

10:50 AM **KEYNOTE: SPHERICAL GRAPHITE (SPG) FOR EV BATTERY ANODES**
Tim Nelson, Global Sales and Marketing Manager, **Gallois SP2 Carbon USA Co.**

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THURSDAY, 21 SEPTEMBER: DAY 2

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CRITICAL MINERALS DAY

11:10 AM

LITHIUM: SCALING GLOBAL EXTRACTION & CONVERSION CAPACITY

- ◆ Latest analysis on market balance, capacity landscape and forecasted development
- ◆ The challenges of achieving battery-grade lithium hydroxide or lithium carbonate
- ◆ What is the true price of lithium? Understanding cost pressures and how purchasing models may impact price
- ◆ Spodumenes, Lepidolites & Brines: What technologies are opening up new lithium resources to development and when can they be expected to impact the market?

Moderated by **Cameron Perks**, Principal Consultant, **Benchmark Mineral Intelligence****Bruce Richardson**, Executive Chairman & CEO, **Anson Resources Ltd****David Flanagan**, Executive Chairman, **Delta Lithium****Clint Van Marrewijk**, Co-founder / Director, **Zelandez Limited**

12:10 PM

COBALT, NICKEL & MANGANESE: UNLOCKING SUSTAINABLE SOURCES

- ◆ What is the capacity for additional supply from Australia, Indonesia and other resources in Asia Pacific? What factors are limiting the ability for resources to scale?
- ◆ What are the pricing pressures in these minerals that are critical to cathode production
- ◆ How might next generation cathode chemistries impact demand?

Moderated by **Will Talbot**, Principal Analyst, **Benchmark Mineral Intelligence****Trent Mell**, Founder & CEO, **Electra Battery Materials Corporation****Robert Morris**, Co Managing Director, **TechMet-Mercuria SA**

12:50 PM

GRAPHITE: BUILDING ROBUST ANODE SUPPLY CHAINS

- ◆ Understanding the current landscape of graphite production and forecasted challenges and opportunities
- ◆ Natural graphite: Where is ex-China flake graphite in development? How are the spherical processing ambitions changing?
- ◆ Synthetic graphite: How is the ex-China synthetic graphite and needle coke supply chain developing?
- ◆ Silicon anodes: how will next generation silicon-based anode technologies improve EV performance and what will this mean for raw material demand?

Moderated by **Adam Megginson**, Analyst, **Benchmark Mineral Intelligence****Andrew Worland**, Managing Director, **International Graphite****Tim Nelson**, Global sales and Marketing Manager, **Gallois SP2 Carbon USA Co.****Martin Moloney**, CEO, **Buxton Resources Ltd**

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THURSDAY, 21 SEPTEMBER: DAY 2

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1:40 PM **Networking Lunch**

2:20 PM **OUR JOURNEY TOWARDS EV REVOLUTION**

Harendra Saksena, Chief Procurement Officer, **Ather Energy Private Limited**
Bengaluru

2:40 PM **SUSTAINABILITY KEYNOTE**

- ◆ What is the true carbon footprint and environmental impact of the EV, the gigafactory and the lithium ion battery value chain? How can this be managed and improved?
- ◆ How can policy makers and industry leaders ensure that local communities throughout the value chain are informed, consulted, and upskilled to take benefit from the green economy?
- ◆ What steps are required to improve the governance, gender balance and minority representation within the value chain leadership?

Olivia Lin, Sustainability Analyst, **Benchmark Mineral Intelligence**

3:00 PM **RECYCLING: CREATING A CIRCULAR BATTERY ECOSYSTEM**

- ◆ The importance of a closed loop for the lithium ion battery economy
- ◆ What can policy makers, OEMs and other stakeholders be doing now to improve circularity?
- ◆ Pyrometallurgical, hydrometallurgical or direct recycling processes: What are the new technologies that are impacting recovery rates and purity of recycled critical materials?
- ◆ Adding balance to the market? What is the true potential supply and when will it be available?
- ◆ Will longer life and second life applications of lithium ion batteries impact the availability of recyclable battery materials?

Moderated by **Sarah Colbourn**, Senior Analyst, **Benchmark Mineral Intelligence**

Richard Carlow, CEO, Co-Founder, **True 2 Materials**

Gangfeng Liu, CTO, **Botree Cycling**

3:50 PM **RARE EARTH ELEMENTS WORKSHOP**

- ◆ Understand the significance of rare earth elements as critical minerals and their unique properties that make them essential in various industries
- ◆ Explore the demand dynamics in advanced electronics renewable energy, electronics and electric vehicles
- ◆ Discuss the supply chain vulnerabilities, strategic considerations and geopolitical implications

Daan De Jonge, Project Manager, **Benchmark Mineral Intelligence**

4:20 PM **Close of conference**