

**Benchmark Week 2023** Draft agenda

**TUESDAY NOVEMBER 14: DAY ONE – UPSTREAM DAY**

8:00 AM      **Networking Breakfast**



9:00 AM      **Upstream Day Opening Keynotes**

Opening keynote from Benchmark Mineral Intelligence

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

9:15 AM      **Fireside chat**

**Arnold Schwarzenegger**

10:00 AM      **Opening Keynote**

**Building Global Partnerships to Diversify Clean Energy Supply**

**Chris Davy**, Acting Deputy Assistant Secretary, Bureau of Energy Resources, **U.S. Department of State**

10:20 AM      **Automotive Supply Chain Insights**

**Tara Berrie**, Senior Group Manager (Battery Metals, Recycling, Components, ESG), **Rivian**

10:40 AM      **Networking Break**

**Benchmark Week 2023 Draft agenda**

**TUESDAY NOVEMBER 14: DAY ONE – UPSTREAM DAY**



- 11:30 AM Cathodes Keynotes**  
Moderated by **Andrew Miller**, Chief Operating Officer, **Benchmark Mineral Intelligence**
- 11:30 AM Christian Barbier**, Chief Sales and Marketing Officer, **Allkem**
- 11:55 AM Javier Arraztoa**, Lithium Sales Manager, **SQM North America & Latam** & **Denise Kirschner**, External Affairs Coordinator, **SQM**
- 12:20 AM** The race to secure sustainable nickel and cobalt  
**Jorge Uzcategui**, Cobalt & Nickel Senior Analyst, **Benchmark Mineral Intelligence**
- 12:40 AM Maximilian Court**, Product Director – Battery Chemicals, **Benchmark Mineral Intelligence**

**1:00 PM Networking Lunch**

- 1:15 PM Lunch & Learn Stage  
Lithium as the new oil**  
A panel hosted during lunch where lithium industry speakers possessing proven track records in traditional energy supply chains will discuss whether lithium will replace oil as the key critical commodity of the new energy economy.  
Moderated by **Roger Atkins**, Founder, **Electric Vehicles Outlook Ltd**  
**David Dickson**, CEO & Managing Director, **Lake Resources**  
**Salah Gamoudi**, CFO, **Standard Lithium**



- 11:30 AM Scaling Natural & Synthetic Graphite**  
Understanding the global supply / demand balance for synthetic and natural graphite for anode. What are the respective battery performances and the environmental & geopolitical considerations for both materials.  
Moderated by **Jessica Roberts**, Head of Forecasting, **Benchmark Mineral Intelligence**  
**Phil Hoskins**, Managing Director, **Evolution Energy Minerals**  
**Hugues Jacquemin**, CEO, **Northern Graphite**  
**Haibo Mo**, Managing Director, **Hensen Graphite & Carbon Corp.**
- 12:15 PM Future Anode Technologies**  
– A panel of thought leaders from organisations exploring the latest exciting developments in next generation anodes for lithium-ion battery applications. How are technologies pushing the boundaries forward and how will the industry scale up adoption and production?  
Moderated by **Rory McNulty**, Research Assistant, **Benchmark Mineral Intelligence**  
**Jing Nealis**, CFO, **SES AI**  
**Srini Godavarthy**, Chief Executive Officer, **Li-Metal**  
**Emilie Bodoin**, Founder & Chief Executive Officer, **Pure Lithium Corporation**

- 1:45 PM Benchmark Workshop:  
Understanding Phosphoric Acid  
Market Dynamics**  
**Maximilian Court**, Product Director – Battery Chemicals, **Benchmark Mineral Intelligence**

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## TUESDAY NOVEMBER 14: DAY ONE – UPSTREAM DAY

2:15 PM **Special Address from Ambassador Sarah Bianchi**, Deputy United States Trade Representative, **Executive Office of the President, Government of the United States of America**



2:30 PM **Graphite & Anodes Keynotes**  
Moderated by **Daniel Fletcher-Manuel**, Head of Price, Data & Indices, **Benchmark Mineral Intelligence**

2:30 PM **Craig Sherba**, President & CEO, **NextSource Materials**

2:45 PM Syrah Resources - Critical Natural Graphite & Anode Products at Scale  
**Shaun Verner**, Managing Director and CEO, **Syrah Resources**

3:00 PM **Dr Chris Burns**, CEO, **Novonix**

3:15 PM **Laure Latour**, Battery Anode Material, Business Developer, **Tokai Cobex**

3:30 PM **Albert Li**, Head of China Analysis, **Benchmark Mineral Intelligence**

3:40 PM Panel discussion

4:00 PM **Networking Break**



2:30 PM **Critical Minerals for Cathode and Battery Making**  
A panel of thought leaders developing projects from across the cathode raw material supply chain discuss both the challenges and opportunities we are facing in scaling up for the energy transition  
Moderated by **Chris Berry**, Founder and President, **House Mountain Partners**  
**Navaid Alam**, Cofounder, President & CEO, **Evelution Energy**  
**Simon Clarke**, CEO & Director, **American Lithium Corp.**  
**Matthew James**, President & CEO, **Euro Manganese Inc.**  
**Bruce Richardson**, Executive Chairman & CEO, **Anson Resources**

3:15 PM **Next Generation Cathodes & Cells**  
– Exploring latest developments and innovations of cathode chemistry, design and manufacturing  
– Nickel cobalt aluminium (NCA) vs nickel cobalt manganese (NCM), lithium iron phosphate (LFP) & more  
Moderated by **Manish Dua**, Principal Consultant, **Benchmark Mineral Intelligence**  
**Robert Privette**, Business Development Manager, North America, **Umicore**  
**Sam Jaffe**, Senior Director, Business Development, **Addionics**  
**Dan Blondal**, CEO, **Nano One Materials**

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### TUESDAY NOVEMBER 14: DAY ONE – UPSTREAM DAY

4:30 PM **Highlight presentation**  
Importance of Reinventing the Automotive Supply Chain  
**Mike Chaffins**, VP of Supply Chain, **DeLorean Motor Company**

4:50 PM **Sustainability & Circularity Keynotes**

4:50 PM **Sarah Colbourne**, Senior Analyst, **Benchmark Mineral Intelligence**

5:00 PM The Future of Critical Minerals is Circular  
**David Klanecky**, CEO & President, **Cirba Solutions**

5:10 PM **Scott Sellwood**, Sector Lead, Civil Society, **Initiative for Responsible Mining Assurance (IRMA)**

Panel discussion  
5:20 PM **Elena Perez**, Lead, Ocean Action Agenda, **World Economic Forum**

**Andrew Bogrand**, Senior Policy Advisor, **Oxfam**



4:30 PM **Direct Lithium Extraction**  
– Understanding the processes and technologies to unlock resources and scale production of battery grade supplies via direct lithium extraction

Moderated by **Daisy Jennings-Gray**, Senior Price Analyst, **Benchmark Mineral Intelligence**

4:30 PM denaLi's Rise to Sustainable Lithium Extraction  
**Jeremy Patt**, Chief Technology Officer, **Summit Nanotech**

4:40 PM Direct Lithium Extraction with Evove  
**Andrew Walker**, CMO, **Evove Ltd.**

4:50 PM **Gene Morgan**, Co-founder / CEO, **Zelandez Limited**

5:00 PM **Teague Egan**, Founder & CEO, **Energy X**

5:10 PM Panel discussion

4:30 PM **Worley Hosted Workshop: Conquering scale-up challenges**  
Worley designs and delivers facilities across the battery value chain. Drawing on over 140 projects, we will discuss:

- Meeting your offtake commitments and business plan
- Impact to product qualification
- Technology provider unit operations
- Understanding OEM and end-user specifications
- Site selection and environmental permitting
- Supply chain constraints

Led by:  
**Mervyn Stevens**, Battery Material Processing SME, **Worley**  
**David Houser**, Scale-Up SME, **Worley**  
**John Leblanc**, Project Director, **Worley**

5:15 PM **Wave International Hosted Workshop: Powering the Future: Exploring Battery Minerals, Mid-Stream Products, and Western Refinery Development**

- Introduction to Wave International.
- Overview of process technologies for key battery minerals.
- Role of mid-stream products in the battery minerals supply chain.
- Considerations for development of western refineries.

Led by:  
**Robin Macaskill**, COO, **Wave International**  
**Brett Cassidy**, Process, Engineer, **Wave International**

6:00 PM **Networking Reception**

**Benchmark Week 2023** Draft agenda  
**WEDNESDAY NOVEMBER 15: DAY TWO – PLENARY DAY**



7:30 AM **Networking Breakfast**

8:30 AM **Opening remarks**

8:45 AM **Benchmark Opening Keynote**  
**Simon Moores**, CEO, **Benchmark Mineral Intelligence**

9:15 AM **Benchmark Week Guest of Honour Keynote**  
**Professor M. Stanley Whittingham**, Nobel Laureate

10:00 AM **Fireside: Outlook for the world economy and the implications for the mining and minerals sector**  
**Dr. Hamid Rashid**, Head and Director, Global Economic Monitoring, **United Nations Department of Economic and Social Affairs (UNDEA)**  
**Manish Dua**, Principal Consultant, **Benchmark Mineral Intelligence**

10:30 AM **Networking Break**

11:10 AM **Nissan's view of the circular economy**  
**Kent O'Hara**, President, 4R & Battery Business, **Nissan Group of the Americas**

11:30 AM **Keynote Fireside: Rare Earths and Critical Minerals in California**  
**James Litinsky**, Founder, Chairman & CEO, **MP Materials**  
**Daan De Jonge**, Project Manager, **Benchmark Mineral Intelligence**

11:50 AM **Lithium Leadership Summit: Scaling Lithium to 2030**

- Bottlenecks and easy wins in the scaling of lithium chemical supply
- Understanding Lithium Pricing: the interplay with incentive price, market price, contract price
- Traditional Lithium vs New Lithium

Moderated by **Andrew Miller**, Chief Operating Officer, **Benchmark Mineral Intelligence**  
**Christian Barbier**, Chief Sales and Marketing Officer, **Allkem**  
**Joe Lowry**, President, **Global Lithium**  
**Anthony Tse**, Founder of **Vertical Ventures** & Senior Advisor – **EMR Capital**  
**Daisy Jennings-Gray**, Senior Price Analyst, **Benchmark Mineral Intelligence**

11:50 PM **The Metals Company Hosted Workshop: Deep Sea Mining**  
The polymetallic nodule resource – the largest undeveloped source of battery metals on earth  
**Jorge Uzcategui**, Cobalt & Nickel Senior Analyst, **Benchmark Mineral Intelligence**  
**Craig Shesky**, Chief Financial Officer, **The Metals Company**

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### WEDNESDAY NOVEMBER 15: DAY TWO – PLENARY DAY

12:30 PM **Networking Lunch**

12:30 PM **Lunch & Learn Stage**  
**Wave International Hosted Workshop: Powering the Future: Exploring Battery Minerals, Mid-Stream Products, and Western Refinery Development**

1:15 PM **Demystifying Supply Chain Site Selection**

Moderated by **Evan Hartley**, Senior Analyst, **Benchmark Mineral Intelligence**  
**Carl Quesinberry**, Senior Director, Industrial Occupier Services, **Avison Young**  
**Scott Watkins**, Sr. Vice President, Market Leader – Advanced Manufacturing, **Clayco**  
**John Cervený**, Sr. Director & Program Manager, NENY Supply Chain Program, **New York Battery and Energy Storage Technology Consortium**

2:00 PM **Next Generation Battery Innovation**

Moderated by **Rory McNulty**, Research Assistant, **Benchmark Mineral Intelligence**

2:05 PM Addressing the scarcity of US-made cathode material  
**Mark Gresser**, President & CEO, **Wildcat Discovery Technologies, Inc.**

2:20 PM **Vivas Kumar**, CEO & Co-Founder, **Mitra Chem**

2:35 PM Panel discussion

3:00 PM **Energy Transition Geopolitics Keynote**

**Morgan Bazilian**, Director, **Payne Institute** and Professor of Public Policy, **Colorado School of Mines**

3:20 PM **Highlight presentation: Graphite supply chain issues and the future of anode material**  
**Jaebum Park**, Senior Principal Researcher, **POSCO Research Institute (POSRI)**

3:35 PM **Networking Break**

2:00 PM **Critical Mineral Symposium**

5E Advanced Materials; Enabling America's Clean Energy Economy

**J.T Starzecki**, Chief Marketing Officer, **5E Advanced Materials, Inc.**

2:15 PM Introduction to Battery Processing Solutions  
**Matthew Hughes**, Energy Solutions Application Manager, **NETZSCH Grinding & Dispersing**

2:30 PM **Carlos Vicens**, CEO, Director & Founder, **Full Circle Lithium Corp.**

2:45 PM In the Limelight: Illuminating the Role of Calcium in Battery Minerals Processes  
**Mikaela Hall**, Director of Market Growth, **Mississippi Lime Company**

3:00 PM Flourspar: The stealth battery mineral enabling the energy transition  
**James Rodríguez de Castro**, Managing Director, **Mongolian Minerals Pte. Ltd.**

3:15 PM Building Regional Supply Chains in Synthetic and Natural Graphite  
**Igor Barsukov**, Manager Business Development, **American Energy Technologies Co.**

## Benchmark Week 2023 Draft agenda

### WEDNESDAY NOVEMBER 15: DAY TWO – PLENARY DAY

4:00 PM

#### North American Energy Transition Geopolitics Panel

- Understanding the key impacts of the Inflation Reduction Act and other policy developments
- Strengthening strategic relationships with politically aligned markets

Moderated by **Chris Berry**, Founder and President, **House Mountain Partners**  
**Albert Gore III**, Executive Director, **Zero Emission Transportation Association (ZETA)**  
**Sajit Pillai**, Deputy Technical Lead, ATVM Program, Loan programs Office, **US Department of Energy**  
**Anthony Huston**, Founder, CEO & Director, **Graphite One**  
**Austin Devaney**, Chief Commercial Officer, **Piedmont Lithium**

4:50 PM

#### Energy Transition Geopolitics: Global Perspectives

- Exploring policy developments and political considerations across key international jurisdictions

Moderated by **Roger Atkins**, Founder, **Electric Vehicles Outlook Ltd**  
**Michael Schmidt**, Economic Geologist & Senior Analyst, **German Raw Material Agency (DERA)**  
**Carl Delfeld**, Managing Director, **Nuvo Assets**  
**Abigail Hunter**, Acting Director | Center for Critical Minerals Strategy, **SAFE**  
**Vlad Månsson**, Trade Commissioner USA & Head of Energy and Transport Americas, **Business Sweden**  
**Danny Keating**, President & CEO, **Giyani Metals**

5:30 PM

**Networking Reception**



4:00 PM

#### Critical Mineral Symposium

4:00 PM

Tier 1 natural graphite & Tier 1 jurisdiction  
**Martin Moloney**, CEO, **Buxton Resources Ltd**

4:15 PM

Introducing the Kambale Graphite Project  
**Stephen Stone**, Managing Director, **Castle Minerals Limited**

4:30 PM

SRG Battery Minerals: From Mine to Market  
**Mathieu Bos**, President and Chief Executive Officer, **SRG Mining**

4:45 PM

**Greg McCunn**, CEO, **Noram Lithium**

5:00 PM

**Ben Stoikovich**, Chairman, **Sovereign Metals**

5:15 PM

**Andrew Worland**, CEO, **International Graphite**

**Benchmark Week 2023 Draft agenda**  
**THURSDAY NOVEMBER 16: DAY THREE – DOWNSTREAM DAY****7:30 AM      Networking Breakfast****8:30 AM      Benchmark Opening Keynote**  
**Michael Finch**, Product Director, **Benchmark Mineral Intelligence****8:50 AM      Opening Keynote**  
**Abigail Seadler Wulf**, Head of the American Battery Materials Initiative, **U.S. Department of Energy****9:10 AM      Opening Keynote**  
**John Bozzella**, President & CEO, **Alliance for Automotive Innovation****9:30 AM      Financing the Energy Transition Panel**

- Activating finance for the energy transition
- Discussion of financial instruments available to the industry and how the energy transition investment opportunity is viewed by capital markets
- 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 Price, Data & Indices, **Benchmark Mineral Intelligence****Anthony Tse**, Founder of **Vertical Ventures** & Senior Advisor – **EMR Capital****Michael Willoughby**, Managing Director, Global Head of Metals, Mining & Transition Materials, **HSBC****Ernie Ortiz**, President & CEO, **Lithium Royalty Corp****Asogan Moodaly**, Global Sector Lead for Automotive, Electronics and Machinery, **International Finance Corporation (IFC)****Dave Oude Nijeweme**, Senior Director Battery Materials, **Worley****10:30 AM      Networking Break**



**Benchmark Week 2023** Draft agenda

**THURSDAY NOVEMBER 16: DAY THREE – DOWNSTREAM DAY**

- 11:00 AM**    **Electric Vehicle Demand Dynamics**  
– Exploring lithium ion battery penetration across passenger, commercial and alternative mobility markets
- Moderated by **Evan Hartley**, Senior Analyst, **Benchmark Mineral Intelligence**
- 11:15 AM**    **William Roberts**, Automotive Research Lead, **Rho Motion**
- 11:30 AM**    **Bill Van Amburg**, Consulting Strategic Advisor, **CALSTART**
- 11:45 AM**    Panel discussion
- 12:00 PM**    **Energy Storage Systems**  
– From mobility to grid storage – how the lithium ion battery will be the platform technology for net zero carbon economy
- Moderated by **Roger Atkins**, Founder, **Electric Vehicles Outlook Ltd**  
**Dr. Vikash Venkataramana**, Vice President, Energy Storage Systems, **Gotion**  
**Emad Alaydi**, Senior Director, **Calpine Energy**  
**Isabelle Christensen**, Director of Energy Storage, **Anza Renewables**  
**John Cerveny**, Sr. Director & Program Manager, NENY Supply Chain Program, **New York Battery and Energy Storage Technology Consortium**

**1:00 PM**    **Networking Lunch**



- 11:00 AM**    **Critical Mineral Symposium**  
Developing a High-Grade Lithium Discovery in Nevada  
**Greg Reimer**, CEO, **Surge Battery Material**
- 11:15 AM**    **Mark Strauss**, PhD, Research Engineer, Commercial & Business Development, **Aqua Metals**
- 11:30 AM**    The Inconvenient truth of LFP, why nickel rich chemistries dominate  
**Oliver Gunasekara**, CEO & Co-Founder, **Impossible Metals Inc.**
- 11:45 AM**    **Jaclyn Ruptash**, VP Communications, Government & Investor Relations, **Premium Nickel**
- 12:00 PM**    Volt Resources: An Integrated Natural Graphite Anode Producer  
**Prashant Chintawar**, Managing Director & CEO, **Volt Resources**
- 12:15 PM**    Graphjet Technology: The World's First Green Graphite and Graphene  
**Aiden Lee**, Chief Executive Officer, **Graphjet Technology**
- 12:30 PM**    An Overview of How Analytical Instrumentation is a Key Part of the Electrification Ecosystem  
**Christine Rivera**, Application Specialist - Advanced Materials Life Science & Applied Market Group, **Agilent**
- 12:45 PM**    **Dean Hanisch**, CEO, **Stria Lithium**

**Benchmark Week 2023** Draft agenda**THURSDAY NOVEMBER 16: DAY THREE – DOWNSTREAM DAY****1:10 PM Benchmark Pricing and Data Assessment Workshop**

Led by:

**Daniel Fletcher-Manuel**, Head of Price, Data & Indices,  
**Benchmark Mineral Intelligence****Evan Hartley**, Senior Analyst, **Benchmark Mineral  
Intelligence****Daisy Jennings-Gray**, Senior Price Analyst, **Benchmark  
Mineral Intelligence****1:10 PM Benchmark Sustainability Workshop**

Led by:

**Sarah Colbourne**, Senior Analyst,  
**Benchmark Mineral Intelligence****1:35 PM Benchmark Rare Earth Workshop**

Led by:

**Daan De Jonge**, Project Manager,  
**Benchmark Mineral Intelligence****2:00 PM Benchmark Sodium Ion Battery  
Workshop**

Led by:

**Rory McNulty**, Research Assistant,  
**Benchmark Mineral Intelligence****2:30 PM Close of conference**