

BATTERY TO ELECTRIC VEHICLE SUPPLY CHAIN + FINANCE + GOVERNMENT

Draft agenda of themes (subject to change)

+++++ **TUESDAY, 28TH MARCH** +++++**7:30 Registration Opens****7:30 Breakfast & Networking****8:30 Targeting Tonnage: The global battery arms race to 300TWh deployed capacity**

- ◆ Shifting thinking from GWh to TWh for true Net Zero by 2050
- ◆ Developing Speciality Commodities: What does this mean for the critical minerals of lithium, graphite, cobalt, nickel, manganese, and silicon
- ◆ How will recycling and new elements interplay with today's battery chemistry pathway

Simon Moores, CEO, Benchmark Mineral Intelligence**9:00 Words of Welcome****Maroš Šefčovič, Vice President, European Commission****Minister Csaba Lantos, Minister of Energy, Government of Hungary****9:20 Government Policy Keynote: Hungary's position in a worldwide lithium ion economy****István Joó, CEO, Hungarian Investment Promotion Agency****9:40 Creating the world's greenest battery through regional value chains****Anders Thor, VP Communications & Public Affairs, Northvolt****10:00 CATL in Europe: scaling tier one lithium ion battery capacity in continental Europe****Balázs Szilágyi, Senior Government Relations Manager, CATL****10:20 The role of resilient battery supply chains in net zero transitions****Tae-Yoon Kim, Senior Energy Analyst, International Energy Agency (IEA)****10:40 Networking Break****11:00 From the Giga Era to the Tera Era: Where will 1TWh of battery cells come from in 2023?**

- ◆ Rise of the Gigafactories: a deep dive on how to translate capacity, production and pipeline
- ◆ Benchmark's Tiers of Battery Quality and how it's evolving
- ◆ Raw material impact: how battery capacity must develop in line with mines

Caspar Rawles, Chief Data Officer, Benchmark Mineral Intelligence**11:20 Leadership Panel: Scaling localized battery production to secure Europe's energy future**

- ◆ Challenges and opportunities of building battery hubs to serve Europe's automotive industry and consumer base
- ◆ Innovation and R&D to create the quality and sustainable batteries that Europe needs
- ◆ Developing the necessary skills in the local labour force - drawing on and enhancing existing workforces
- ◆ Exploring lithium ion battery penetration across passenger, commercial and alternative mobility markets, as well as other energy storage systems applications
- ◆ What is the pipeline of gigafactory development and what factors will determine their speed to market, size, nature & location?

Ilka von Dalwigk, EBA Policy Manager, InnoEnergy / EBA25 (European Battery Alliance)**Anders Thor, Acting VP Communications & Public Affairs, Northvolt****Balázs Szilágyi, Senior Government Relations Manager, CATL****Ryuta Kawaguchi, Chief Technology Officer, FREYR****Andreas Maier, Chief Operating Officer, Morrow Batteries**

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+++++ **TUESDAY, 28TH MARCH** +++++**12:20 Keynote & Fireside: Playbook for success in the battery supply chain**

- ◆ Designing efficient gigafactory supply chains from mine to EV
- ◆ From start up to scale up: Consolidation of the industry and knowing your strengths
- ◆ Working with China, not against it: how does this look?

Sarah Maryssael, Chief Strategy Officer, **Livent****1:00 Networking Lunch****2:00 Designing policy to accelerate European development in the global battery race**

- ◆ Understanding the global repercussions of the US Inflation Reduction Act and how leading jurisdictions are designing policy and incentive structures to mobilise finance and investment at pace and scale?
- ◆ Demand focused policy for Europe: 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

Roger Atkins, Founder, **Electric Vehicles Outlook Ltd****René Schroeder**, Executive Director, **EUROBAT****Péter Kaderják**, Managing Director, **Hungarian Battery Alliance****Stefan Wolf**, Senior Consultant, **IPCEI****Will Roberts**, Senior Research Analyst, **RHO Motion****3:00 Battery Raw Materials Keynotes: Bridging the great raw material disconnect**

- ◆ Understanding where structural deficits and surpluses exist in critical material supply chains
- ◆ Ensuring responsible practices and quality control starts at the mine site and continues through extraction, mid-stream chemistry and battery production
- ◆ Strategies to strengthen Europe's up- and midstream sectors, mitigate Europe's supply risk and reduce price volatility

Daniel Fletcher-Manuel, Head of Prices, Data & Indices, **Benchmark Mineral Intelligence****Colin Mackey**, Managing Director, Jadar and European Operations, **Rio Tinto****Christian Barbier**, Chief Sales & Marketing Officer, **Allkem****Stefan Debruyne**, Director of External Affairs, **SQM****4:00 Networking Break****4:30 Battery Recycling in Europe: Keeping Europe's battery resources within the ecosystem**

- ◆ Battery Passports and other initiatives in development for policy makers, OEMs and other stakeholders to improve traceability and circularity
- ◆ Developing a collection ecosystem to achieve Europe's recovery targets and avoid leakage: What is the true potential supply and when will it be available?
- ◆ Exploring the issues of defining, harmonizing and regulating global black mass supplies

Sarah Colbourn, Senior Analyst, **Benchmark Mineral Intelligence****Till Bußmann**, CTO, **Duesenfeld GmbH****Chris Reed**, Managing Director, **Neometals****5:30 Networking Reception**

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+++++ **WEDNESDAY, 29TH MARCH** +++++**7:30 Breakfast & Networking****8:30 Europe's Energy Storage Evolution****Understanding the huge potential of energy storage in Europe**
Lars Stephan, Senior Policy and Market Development Manager, **Fluence****ESS: What does the data say?****Iola Hughes**, Research Manager, **Rho Motion****Panel: How will Europe's growing energy storage market impact battery cell and supply chain build out**

- ◆ From mobility to grid storage – how the lithium-ion battery will be the platform technology for Europe's net zero carbon economy
- ◆ Understanding the characteristics and potential of the ESS market
- ◆ Exploring Europe's storage and charging network infrastructure plan

Lars Stephan, Senior Policy and Market Development Manager, **Fluence****Iola Hughes**, Research Manager, **RHO Motion****Nemanja Mikać**, CEO, **ElevenEs****9:30 Cathodes & Anodes & Cells Keynotes****Supply Chain Challenges and Evolving Europe's Advanced Battery Materials Market**

- ◆ The outlook for global anode and cathode production and need for European investment
- ◆ Chemistry & production developments in the lithium-ion battery industry
- ◆ Silicon anodes, solid state and alternative battery chemistries that will shape future markets

Martin Phillips, Europe CEO, **Talga Resources****Tom Van Bellinghen**, VP OEM Marketing & Sales, **Umicore****Evan Hartley**, Analyst, **Benchmark Mineral Intelligence****10:30 Networking Break****11:00 Financing Lithium ion: From Billions to Trillions: How much money will the lithium ion battery supply chain need for net zero?****Simon Moores**, CEO, **Benchmark Mineral Intelligence****11:15 Panel Discussion: Financing a worldwide lithium ion economy**

- ◆ Attracting capital to European projects in an environment of higher inflation and interest rates
- ◆ Identifying roadblocks between capital and battery industry projects
- ◆ Importance of ESG credentials to facilitating investment in the new energy economy

Daniel Fletcher-Manuel, Head of Prices, Data & Indices, **Benchmark Mineral Intelligence****Fabien Levallant**, Managing Director, Low Carbon Transition Group, **BNP Paribas****Nishant Das**, Executive Director, Project & Export Finance, Europe & Americas, **Standard Chartered Bank****Tim van Pelt**, Co-Lead Energy Storage, Renewables & Power, Sector Coverage, **ING****Csaba Bellay**, Director, Mining, Metals & Industries Finance, **Societe Generale**

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+++++ **WEDNESDAY, 29TH MARCH** +++++**12:00****Lithium Panel**

- ◆ Review of battery grade lithium supply expansions from brine to spodumene; carbonate to hydroxide
- ◆ Is oversupply likely? Latest analysis on structural deficit through an overview of global extraction & conversion capacity landscape and forecast
- ◆ Beyond extraction – breaking into the black box of refining capacity

Denis Alyoshin, CEO, Ukrlithiummining LLC**Anton du Plessis, Chief Executive Officer, Zinnwald Lithium**

Further speakers to be announced

12:40**Networking Lunch****1:30****Cobalt & Nickel & Manganese Panel**

- ◆ Examining the availability and sustainability of a key cathode components: What is the capacity for additional supply?
- ◆ Understanding market volatility and the pricing pressures
- ◆ How might next generation cathode chemistries impact demand?

Caspar Rawles, Chief Data Officer, Benchmark Mineral Intelligence**Thomas Hoyer, Managing Director, Latitude 66 Cobalt Ltd.****Tom Fairlie, Senior Sustainability Manager, Cobalt Institute****Elizaveta Nidzelskaya, Sustainability Analyst, Benchmark Mineral Intelligence****Madelein Todd, Marketing Executive, Manganese Metal Company (MMC)****2:30****Graphite Panel**

- ◆ 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?

Daniel Fletcher-Manuel, Head of Prices, Data & Indices, Benchmark Mineral Intelligence**MB Gadgil, Business Head, Advanced Carbon, Himadri Specialty Chemicals Ltd****Stefan Bernstein, Chief Executive Officer, GreenRoc Mining plc****3:30****Close of Conference**