

Sourcing, Scaling, and Production

Battery Applications

Regulatory Insights: Navigating Battery Policy

Next-Gen Materials

EV Infrastructure Innovations

Recycling and End of Life Options

Battery Safety

Advances in Battery Tech

Gigafactories

Conference Theme: Powering Tomorrow: Shaping the Next Era of Battery Technology

Day 1 Date

Tuesday, 18th June 2024

9:00am-9:15am	Welcome & Chairman's Address			Welcome
9:15am-10:00am	Powering the Future Responsibly: Sustainable Strategies in Battery Innovation (Keynote Speaker) + Fireside Chat with (Special Guest)			
10:00am-10:45am	Keynote I			Keynote
10:45am-11:15am	Coffee Networking Break			
11:15am-11:45am	Track A: Sourcing, Scaling, and Production Technical Session: The Challenges and Strategies of Scaling Up	Track B: Battery Applications Technical session: Global Perspectives on Emerging Applications	Track C: Regulatory Insights: Navigating Battery Policy Policy Perspectives: Charting the Future Course for Batteries and Materials in Europe	Technical Sessions
11:45am-12:15pm	Technical session: The Race to Build the Next Generation of Gigafactories	Technical Session: Repurposing Batteries for a Circular Economy	Supply Chains: Navigating EU Regulations on Key Battery Minerals	Technical Sessions
12:15pm-1:45pm	Networking Lunch			
1:45pm-2:15pm	Cracking the Code on Cost Reduction in EV Battery Production	Technical session: Emerging Applications Across Industries	Technical session: The Multifaceted Impact of Germany's Battery Funding	Technical Sessions
2:15pm-2:45pm	Reskilling and Upskilling the Workforce for the EV Battery Revolution	Technical session: Optimizing Battery Charge Rates for Faster Turnarounds	Technical session: The Push for International Cooperation on Battery Policy	Technical Sessions
2:45pm-3:15pm	Coffee Networking Break			
3:15-4:15pm	Lightning talks: Strategies for Sustainable Sourcing, Efficient Scaling, and Streamlined Production in the EV Battery Industry	Lightning Talks: Exploring Advanced Battery Applications	Lightning Talks: Addressing Challenges in European Battery Legislation	Lightning Talks
04:15pm	Conference Day 1 Closes			
4:30pm	Drinks Reception			

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Next-Gen Materials	EV Infrastructure Innovations	Recycling and End of Life Options
Battery Safety	Advances in Battery Tech	Gigafactories
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Day 2 Date **Wednesday, 19th June 2024**

9:00am-9:30am **Networking Breakfast**

9:30am-10:15am **Keynote II + Fireside Chat**

Keynote

10:15am-11:00am **Leaders' Roundtable: Balancing Trade and Ethics: Navigating the Geopolitics of Battery Mineral Resources**

Leaders roundtable

11:00am-11:20pm **Coffee Networking Break**

Track A: Next-Gen Materials	Track B: EV Infrastructure Innovations	Track C: Recycling and End of Life Options
Technical Session: Beyond Lithium: Exploring Alternative Materials for Electric Vehicles	Technical session: Preparing for the Energy Demands of a Widespread EV Ecosystem	Technical Session: Battery Recycling and the Journey to End-of-Life Solutions
Technical Session: Exploring Sodium for Sustainable Battery Alternatives	Technical Session: Technical Session: Key Barriers to BESS Deployment	Technical Session: Shredding and Sorting Technologies Optimize Battery Recycling Processes

Technical Sessions

Technical Sessions

12:30-2:00pm **Networking Lunch**

Technical Session: Designing Long-Lasting Batteries with Next-Gen Materials for Extended Lifespan	Technical session: Repurposing Existing Infrastructure for Efficient and Cost-Effective EV Charging Solutions	Technical session: Scaling Up Efficient and Effective Lithium Battery Recycling
Technical Session: The Role of Silicon Anode Materials in Lithium-Ion Power	Technical Session: Creating a Comprehensive EV Charging Network for All of Europe	Technical session: Metal Recovery from Spent Batteries

Technical Sessions

Technical Sessions

3:00pm-3:30pm **Coffee Networking Break**

Lightning Talks: Noteworthy Next-Generation Battery Developments	Lightning Talks: Sustainable EV Infrastructure Development	Lightning Talks: Ensuring Environmental Harmony in Battery and EV Lifecycles
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Lightning Talks

4:30pm **Conference Day 2 Closes**

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Day 3 Date **Thursday, 20th June 2024**

9:00am-9:15am	Chairman's Closing Address			
9:15am-10:00am	Keynote III + Fireside Chat			Keynote
10:15-10:35	networking coffee			
	Track A: Battery Safety	Track B: Advances in Battery Tech	Track C: Gigafactories	
10:35am-11:05am	Technical session: Managing Battery Heat for Enhanced Safety and Longevity	Technical Session: Making Advanced Batteries Affordable for Widespread Adoption	Technical session: EU Policy for Strategic Gigafactory Distribution	Technical Sessions
11:05am-11:35am	Technical Session: Balancing Performance and Safety in Battery Design	Technical session: Battery Stability with Solid-State Technology	Technical session: Gigafactories and the Workforce: Reskilling and the New Jobs Landscape	Technical Sessions
11:35am-12:05pm	Technical session: How AI and Predictive Analytics are Transforming Battery Safety	Technical session: Decoding Battery Data for Real-Time Optimization and Health Monitoring	Technical session: Financing Models Powering the Gigafactory	Technical Sessions
12:05pm-1:20pm	Networking Lunch			
1:20pm-2:00pm	Lightning talks: Unveiling the Spectrum of Battery Safety Risks and Solutions	Lightning talks: Emerging Battery Technologies and Their Implications	Lightning talks: Gigafactories: Powering the Future of Transportation	Lightning Talks
2:10-3:00pm	Closing keynote			Keynote
3:00pm	Conference Closes			