

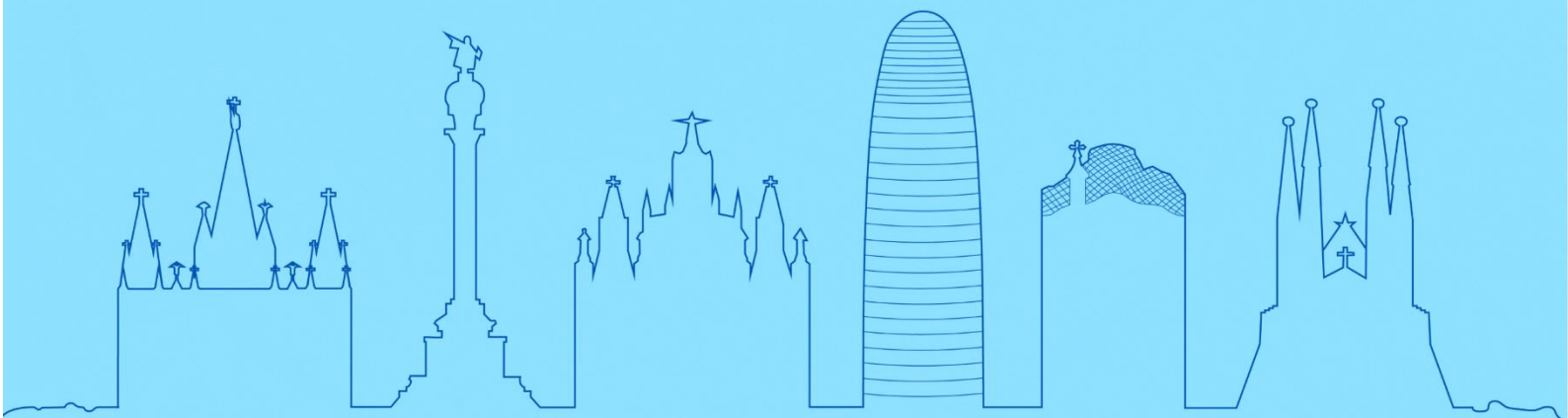
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BATTERY INNOVATION DAYS

26-27 NOVEMBER 2024
BARCELONA and ONLINE

PRELIMINARY PROGRAMME



Organised by



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TUESDAY, 26 NOVEMBER 2024

10:00 – 12:00

1.1 POWERING GROWTH: FINANCING THE EU BATTERY VALUE CHAIN

Session moderated by Anna Gumbau

Opening remarks

- Stefano Soro, *European Commission*
- TBC, *Government of Catalunya*

The Innovation Fund to boost European competitiveness in the next 3 years

- Johanna Schiele, *European Commission*

The Temporary crisis and Transition Framework as a tool to support the European industry

- Tim Schulze, *German Federal Ministry for Economic Affairs and Energy*

Q&A

Supporting investment in the European battery value chain

- Henri-François Boedt, *European Investment Bank*

Other funding tools

- Pénélope Le Menestrel, *Breakthrough Energy*

Q&A

12:00 – 13:30

LUNCH BREAK

13:30 – 15:00

1.2 SOLID-STATE BATTERIES: HOW TO COPE WITH INTERNATIONAL COMPETITION

Session moderated by Anna Gumbau

Roadmap for Solid-State Batteries: Technological Challenges and Future Outlook

1.3 CIRCULAR BATTERIES AND HOW TO TRACK THEM: RECYCLING AND BATTERY PASSPORTS

Session moderated by Wouter IJzermans

Circular Economy on Lithium Ion-Batteries

- Albert Martínez Torrents, *EURECAT*

<ul style="list-style-type: none"> • TBC 	
Accelerating Innovation in Solid-State Batteries: The Clean Aviation Business Case <ul style="list-style-type: none"> • Daniele Violato, <i>Clean Aviation Joint Undertaking</i> 	How long-term research is supporting recycling <ul style="list-style-type: none"> • Eliana Quartarone, <i>University of Pavia</i>
Q&A	Q&A
Industrialization of Solid-State Batteries: Challenges and Opportunities <ul style="list-style-type: none"> • Godwill Bancole, <i>UMICORE</i> 	The Battery Pass Project <ul style="list-style-type: none"> • Tilmann Vahle, <i>World Economic Forum</i>
The key role of European Start-ups in the Field of Solid-State Batteries <ul style="list-style-type: none"> • Fanny Barde, <i>SOLITHOR</i> 	Investment and capacity for battery recycling: Moving towards the implementation of the battery passport: The BASE project <ul style="list-style-type: none"> • Shahin Jamali, <i>Fraunhofer</i>
Q&A	Q&A
15:00 – 15:45	COFFEE BREAK
15:45 – 17:30	
1.4 EMPOWERING FUTURE INNOVATORS	
Session moderated by Anna Gumbau	
Battery Young Research Award Delivery and Presentation	
Battery Young Research Award Winner presentation	
Innovation Projects Presentation	
<ul style="list-style-type: none"> • 8 presentations • 3 min presentations + 3 min Q&A for each presentation <p>The students will present how to move forward with their research, where they see their research going. Who can benefit from the research they are working on.</p>	
Q&A	
Vote and Winner Selection; Closing Day 1	

WEDNESDAY, 27 NOVEMBER 2024

9:00 – 10:30

2.1 POWERING FORWARD: INNOVATIONS IN AUTOMOTIVE BATTERY TECHNOLOGY

Session moderated by Anna Gumbau

How batteries will support the new Strategic agenda of the 2Zero

- Lucie Beaumel, 2Zero

AccCellBaT: Accelerating Battery Testing through Digitalization and Innovation

- Thomas Traussnig, AVL

Q&A

Panel - Reconsidering the Thermal Vehicle Ban – Political Impact on Europe's Battery Value Chain

- Franz Geyer, BMW
- Ilka Von Dalwigk, RECHARGE
- Thore Sekkenes, InnoEnergy
- Isabel Blanco, GESTAMP

Q&A

10:30 – 11:15 **COFFEE BREAK**

11:15 – 12:45

2.2 EYES ON THE PRICE: WILL DESIGN-TO-COST CHEMISTRIES TAKE OFF IN EUROPE?

Session moderated by Anna Gumbau

Data on market and industry activities on design to cost chemistries

- Aaron Wade, CRU

2.3 MACHINERY MATTERS: ADDRESSING CHALLENGES IN MANUFACTURING EQUIPMENT

Session moderated by Bozorg Khanbaei

Battery Manufacturing 2030: Collaborating at Warp Speed

- TBC, VDMA

Building a gigafactory for design to cost chemistries <ul style="list-style-type: none"> • TBC 	Overcoming Machinery Challenges: Northvolt's Journey to Equip Battery Production <ul style="list-style-type: none"> • TBC, Fraunhofer FFB
Q&A	Q&A
Research and innovation on High lithium <ul style="list-style-type: none"> • Marina Urbina, CEA 	Panel – Empowering Technological Sovereignty: Collaborative Solutions for Localizing Gigafactory Equipment in the Net Zero Battery Sector <ul style="list-style-type: none"> • Anwar Ahniyaz, Batteries Heroes Cluster • Stefano Saguatti, Manz • Gian Carlo Tronzano, COMAU • TBC
Unlocking the Potential of Dry Cathodes with Solgain™ <ul style="list-style-type: none"> • Ludovic Odoni, Syensqo 	
Q&A	Q&A
12:00 – 13:30 LUNCH BREAK	
13:45 - 15:30	
2.4 EU'S BATTERY INDUSTRIAL POLICY: NAVIGATING TODAY'S GEOPOLITICAL LANDSCAPE	
Session moderated by Anna Gumbau	
Batteries made in America – The battery ecosystems in the USA and Canada <ul style="list-style-type: none"> • Stefan Wolf, VDI/VDE 	
Europe between a rock and a hard place – How can Europe compete? <ul style="list-style-type: none"> • Markus Hackmann, P3 Group 	
Q&A	

Panel – The European Union in front of international competition: Challenges and way forward

- Uwe Seidel, *VDI-VDE*
- Fabrice Stassin, *BEPA*
- Yann Vincent, *ACC*
- Stefano Soro, *European Commission*

Q&A

Closing Speech and BID 2025 Announcement

- Johan Blondelle, *European Commission*
- Gerhard Meister, *AVL*

15:45 – 18:30

SITE VISIT - SINCOTRON

15:45 – 19:15

SITE VISIT - IDIADA

