

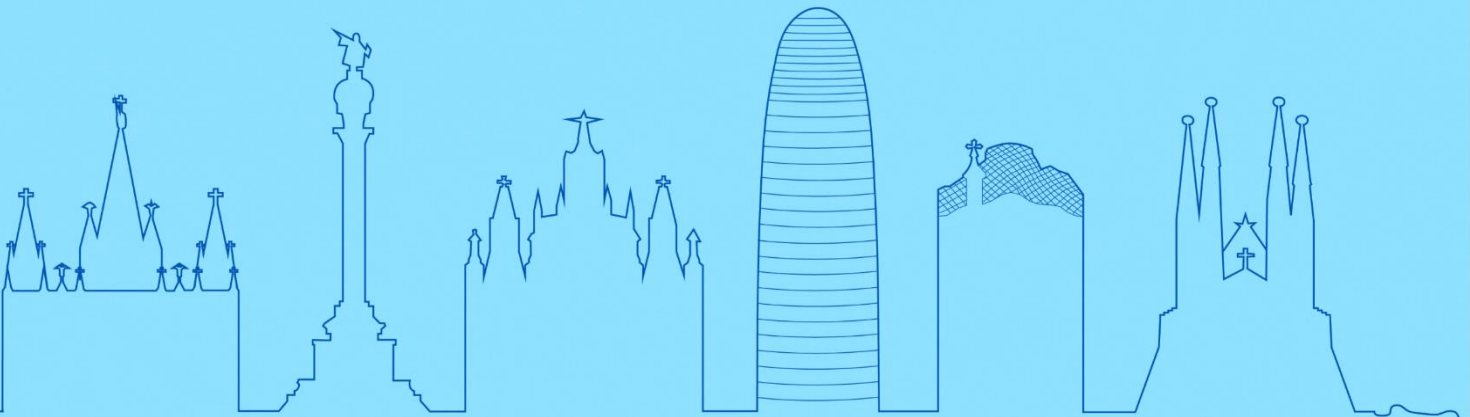
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# BATTERY INNOVATION DAYS

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**

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

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

- Johanna Schiele, *Policy Officer, European Commission*

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

- Tim Schulze, *Consultant, 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, *Manager Europe, 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

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

Session moderated by Wouter IJzermans

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

- Montserrat Casas Cabanas, Scientific Director, *CIC energiGUNE*

### Accelerating Innovation in Solid-State Batteries: The Clean Aviation Business Case

- Daniele Violato, Head of Synergies, *Clean Aviation Joint Undertaking*

#### Q&A

### Industrialization of Solid-State Batteries: Challenges and Opportunities

- Godwill Bancole, Head of Solid State Battery - New Business Incubation, *UMICORE*

### The key role of European Start-ups in the Field of Solid-State Batteries

- Fanny Barde, Founder & CTO, *SOLITHOR*

#### 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

#### Role of AI in lifetime prediction and facilitating the reuse

- Mona Faraji Niri, Associate Professor, *University of Warwick*

### Circular Economy on Lithium Ion-Batteries

- Albert Martínez Torrents, Project manager, *EURECAT*

### How long-term research is supporting recycling

- Eliana Quartarone, Full Professor at University of Pavia, *University of Pavia*

#### Q&A

### The Battery Pass Project

- Tilmann Vahle, Director, Sustainable Automotive and Batteries, *World Economic Forum*

### Investment and capacity for battery recycling: Moving towards the implementation of the battery passport: The BASE project

- Shahin Jamali, Head of the Monitoring and Artificial Intelligence, *Fraunhofer*

#### Q&A

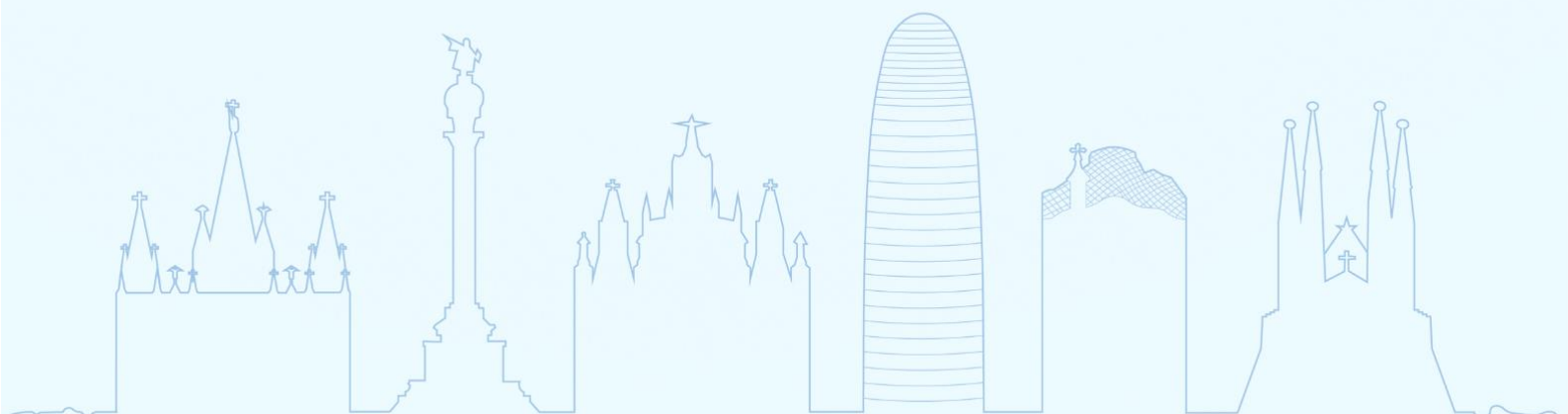
## **New AI models for battery development**

- TBC

## **Chemistry agnostic lifetime prediction**

- TBC

## **Q&A**



**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, Director, 2Zero

### **AccCellBaT: Accelerating Battery Testing through Digitalization and Innovation**

- Thomas Traussnig, Senior Verification & Validation Engineer, AVL

### **Q&A**

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

- Franz Geyer, Technology and Innovation Management, *BMW*
- Ilka Von Dalwigk, Director General, *RECHARGE*
- Thore Sekkenes, European Battery Alliance Program Director, *EIT InnoEnergy*
- Isabel Blanco, Innovation Program Manager, *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, Head of Battery Costs, *CRU*

### **2.3 MACHINERY MATTERS: ADDRESSING CHALLENGES IN MANUFACTURING EQUIPMENT**

Session moderated by Bozorg Khanbaei

#### **Battery Manufacturing 2030: Collaborating at Warp Speed**

- *TBC*

### Building a gigafactory for design to cost chemistries

- TBC

#### Q&A

### Research and innovation on High lithium

- Marina Urbina, European Programmes Manager, CEA

### Unlocking the Potential of Dry Cathodes with Solgain™

- Ludovic Odoni, Executive Vice President, Syensqo

#### Q&A

### Overcoming Machinery Challenges: Northvolt's Journey to Equip Battery Production

- TBC

#### Q&A

### Panel – Empowering Technological Sovereignty: Collaborative Solutions for Localizing Gigafactory Equipment in the Net Zero Battery Sector

- Anwar Ahniyaz, Senior Researcher, Research Institutes of Sweden
- Stefano Saguatti, Senior Battery Expert, Manz
- Gian Carlo Tronzano, Head of the Global Competence Center for E-Mobility, COMAU
- TBC

#### 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

- Stefan Wolf, Senior consultant for innovation, VDI/VDE

### Europe between a rock and a hard place – How can Europe compete?

- Markus Hackmann, Managing Director, P3 Group

## Q&A

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

- Uwe Seidel, Senior Consultant, *VDI-VDE*
- Fabrice Stassin, Secretary General, *BEPA*
- Yann Vincent, CEO, *Automotive Cells Company*
- Stefano Soro, Head of Unit - Net Zero Industries, *European Commission*

## Q&A

### Closing Speech and BID 2025 Announcement

- Johan Blondelle, Policy Officer, *European Commission*
- TBC

15:45 – 18:30

**SITE VISIT - SINCOTRON**

15:45 – 19:15

**SITE VISIT - IDIADA**

