

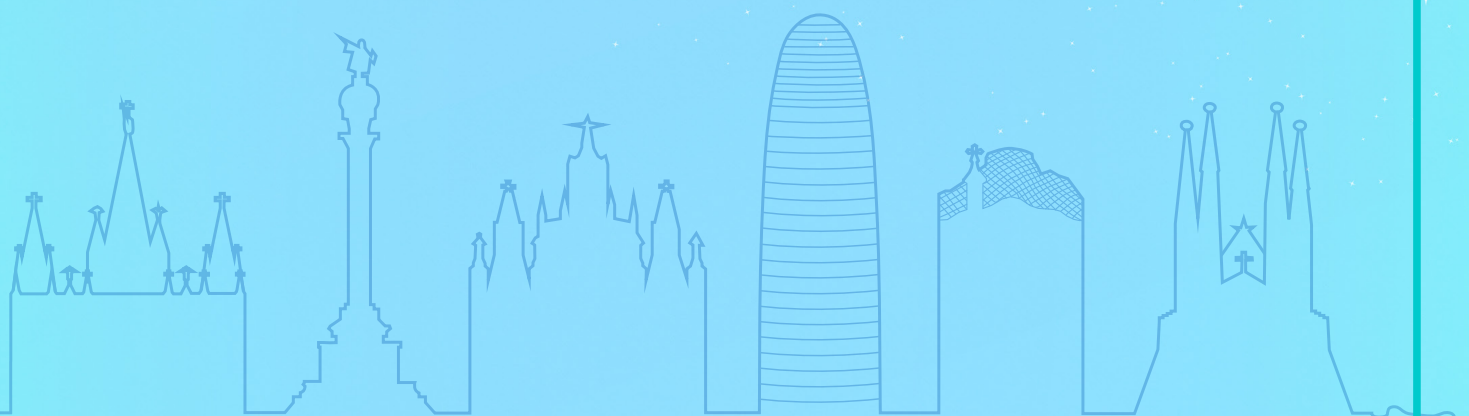
4TH
E
D
I
T
I
O
N



BATTERY INNOVATION DAYS

26 - 27 NOVEMBER 2024

BARCELONA, SPAIN AND ONLINE



CONFERENCE BROCHURE

Organised by



Energising
The European Batteries
R&I Community

**Batteries
+ Europe**

**BATTERY
2030+**

BEPA
Batteries European
Partnership Association

IPCEI
BATTERIES

Hosted by

ACCIÓ
Catalonia
Trade & Investment

 **Generalitat
de Catalunya**

Powered by

 **CLERENS**

09:00 - 10:00	WELCOME COFFEE
10:00 - 12:00	1.1) POWERING GROWTH: FINANCING THE EU BATTERY VALUE CHAIN Main Conference Room <i>Moderated by Anna Gumbau</i> Opening remarks <ul style="list-style-type: none">• Johan Blondelle, Policy Officer, European Commission• Oriol Alcoba, Director General d'Indústria, Generalitat de Catalunya The Innovation Fund to boost European competitiveness in the next 3 years <ul style="list-style-type: none">• Johanna Schiele, Policy Officer, European Commission The Temporary crisis and Transition Framework as a tool to support the European industry <ul style="list-style-type: none">• Simon Brunner, Consultant, German Federal Ministry for Economic Affairs and Energy Supporting investment in the European battery value chain <ul style="list-style-type: none">• Henri-François Boedt, Senior Investment Manager, European Investment Bank Other funding tools <ul style="list-style-type: none">• Pénélope Le Menestrel, Manager Europe, Breakthrough Energy
12:00 - 13:30	LUNCH BREAK
13:30 - 15:00	1.2) SOLID-STATE BATTERIES: HOW TO COPE WITH INTERNATIONAL COMPETITION Main Conference Room <i>Moderated by Anna Gumbau</i> Roadmap for Solid-State Batteries: Technological Challenges and Future Outlook <ul style="list-style-type: none">• Montse Casas Cabanas, Scientific Director, CIC energiGUNE Industrialization of Solid-State Batteries: Challenges and Opportunities <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• Fanny Barde, Founder & CTO, SOLITHOR Panel Discussion - Solid-state batteries: How to Cope with international competition <ul style="list-style-type: none">• Daniele Violato, Head of Synergies, Clean Aviation Joint Undertaking• Montse Casas Cabanas, Scientific Director, CIC energiGUNE• Godwill Bancole, Head of Solid-State Battery - New Business Incubation, UMICORE• Fanny Barde, Founder & CTO, SOLITHOR

PARALLEL SESSION!

13:30 - 15:00	<h3>1.3) CIRCULAR BATTERIES AND HOW TO TRACK THEM: RECYCLING AND BATTERY PASSPORTS</h3>
<p>PARALLEL SESSION!</p>	<p>Breakout Room - Room 5-6</p> <p><i>Moderated by Wouter IJzermans</i></p> <p>Battery Ecosystem in Catalonia: Current situation and opportunities</p> <ul style="list-style-type: none"> • María Dolors Núñez Sanchez, Technological Opportunities Analysis and Detection Team Leader, ACCIÓ - Agency for Business Competitiveness • María Vidal i Tarrasón, Head of the Department for the Promotion of Valorisation, Catalan Waste Agency <p>Circular Economy on Lithium Ion-Batteries</p> <ul style="list-style-type: none"> • Albert Martínez Torrents, Project manager, EURECAT <p>How long-term research is supporting recycling</p> <ul style="list-style-type: none"> • Eliana Quartarone, Full Professor at University of Pavia, University of Pavia <p>The Battery Pass Project</p> <ul style="list-style-type: none"> • Tilmann Vahle, Director, Sustainable Automotive and Batteries, World Economic Forum <p>Investment and capacity for battery recycling: Moving towards the implementation of the battery passport: The BASE project</p> <ul style="list-style-type: none"> • Shahin Jamali, Head of the Monitoring and Artificial Intelligence, Fraunhofer
15:00 - 15:45	<h3>COFFEE BREAK</h3>
15:45 - 17:00	<h3>1.4) FROM DATA TO INSIGHTS: ADVANCED MODELING AND AI INNOVATIONS FOR BATTERY MONITORING</h3> <p>Main Conference Room</p> <p><i>Moderated by Anna Gumbau</i></p> <p>Battery Young Research Award Winner presentation (Sponsored by IMI Norgren)</p> <ul style="list-style-type: none"> • Pietro Iurilli, R&D Scientist GES - Green Energy Storage <p>Role of AI in lifetime prediction and facilitating the reuse</p> <ul style="list-style-type: none"> • Mona Faraji Niri, Associate Professor, University of Warwick <p>New AI models for battery development</p> <ul style="list-style-type: none"> • Luca Scherrer, Co-founder, Sphere Energy <p>Project BIG LEAP</p> <ul style="list-style-type: none"> • Bruno Lemoine, Managing Co-Director, BFH-Energy Storage Research Center
19:30 - 23:00	<h3>WALKING DINNER</h3> <p>Gala restaurant, Provença 288, 08008 Barcelona</p> <p>Grab your drink and network with speakers and industry peers! Enjoy the social atmosphere of our walking dinner at Gala, the most original restaurant in Barcelona!</p> <p>IMPORTANT: A separate ticket is required for the dinner. If you have not purchased yours, please check at the registration desk if there is still availability.</p>

08:30 - 09:00	WELCOME COFFEE	
09:00 - 10:30	2.1) POWERING FORWARD: INNOVATIONS IN AUTOMOTIVE BATTERY TECHNOLOGY	
	<p>Main Conference Room</p> <p><i>Moderated by Anna Gumbau</i></p> <p>How batteries will support the new Strategic agenda of the 2Zero</p> <ul style="list-style-type: none"> • Lucie Beaumel, Director, 2Zero <p>AccCellBaT: Accelerating Battery Testing through Digitalization and Innovation</p> <ul style="list-style-type: none"> • Thomas Traussnig, Senior Verification & Validation Engineer, AVL <p>Panel - Reconsidering the Thermal Vehicle Ban – Political Impact on Europe’s Battery Value Chain</p> <ul style="list-style-type: none"> • Franz Geyer, Technology and Innovation Management, BMW • Ilka Von Dalwigk, Director General, RECHARGE • Kenya Shatani, Project and Innovation Manager, European Battery Alliance (EBA) • Isabel Blanco, Innovation Program Manager, GESTAMP 	
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?	2.3) MACHINERY MATTERS: ADDRESSING CHALLENGES IN MANUFACTURING EQUIPMENT
PARALLEL SESSIONS!	<p>Main Conference Room</p> <p><i>Moderated by Anna Gumbau</i></p> <p>Data on market and industry activities on design to cost chemistries</p> <ul style="list-style-type: none"> • Aaron Wade, Head of Battery Costs, CRU <p>Recycling Processes for design-to-cost technologies: Paving the Way for a Sustainable Future</p> <ul style="list-style-type: none"> • Guinevere Giffin, Scientific Head, Fraunhofer ISC <p>Research and innovation on high Lithium batteries</p> <ul style="list-style-type: none"> • Marina Urbina, European Programmes Manager, CEA <p>Unlocking the Potential of Dry Cathodes with Solgain™</p> <ul style="list-style-type: none"> • Ludovic Odoni, Executive Vice President, Syensqo 	<p>Breakout Room - Room 5-6</p> <p><i>Moderated by Bozorg Khanbei</i></p> <p>Collaboration for manufacturing: the case for European battery ecosystem</p> <ul style="list-style-type: none"> • Benedikt Rothhagen, Project Manager Battery Production, VDMA <p>Mastering Ramp-up of Battery Production</p> <ul style="list-style-type: none"> • Christian Dahmen, Fraunhofer FFB <p>Panel – Empowering Technological Sovereignty: Collaborative Solutions for Localizing Gigafactory Equipment in the Net Zero Battery Sector</p> <ul style="list-style-type: none"> • 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

11:15 - 12:45	WORKSHOP: MASTERING THE BATTERY CIRCULARITY GAME (ORGANISED BY BAX)	
	<p data-bbox="352 197 732 230">Workshop Session - Room 14</p> <p data-bbox="352 248 1434 461">By 2030, over 100,000 tonnes of EV batteries will need to be handled. This mammoth task will require innovative solutions and partnerships. Bax's Battery Circularity Game has been designed to address this demand. Using an engaging roleplay format, participants will take on the roles of various stakeholders in the battery circularity ecosystem. IMPORTANT: Pre-registration was required for the workshop. Please check at the registration desk if there are still some places available.</p>	
12:45 - 13:45	LUNCH BREAK	
13:45 - 15:30	<p data-bbox="352 562 1453 640">2.4) EU'S BATTERY INDUSTRIAL POLICY: NAVIGATING TODAY'S GEOPOLITICAL LANDSCAPE</p> <p data-bbox="352 663 660 696">Main Conference Room</p> <p data-bbox="352 719 711 752"><i>Moderated by Anna Gumbau</i></p> <p data-bbox="352 792 1370 826">Batteries made in America – The battery ecosystems in the USA and Canada</p> <ul data-bbox="352 831 1094 864" style="list-style-type: none"> • Stefan Wolf, Senior consultant for innovation, VDI/VDE <p data-bbox="352 909 1370 943">How can Europe compete under Chinese domination in the battery industry?</p> <ul data-bbox="352 947 1043 981" style="list-style-type: none"> • Markus Hackmann, Managing Director, P3 Group <p data-bbox="352 1025 1442 1104">Panel – The European Union in front of international competition: Challenges and way forward</p> <ul data-bbox="352 1108 1307 1254" style="list-style-type: none"> • Uwe Seidel, Program Manager Battery, VDI-VDE • Fabrice Stassin, Secretary General, BEPA • Yann Vincent, CEO, Automotive Cells Company • Stefano Soro, Head of Unit - Net Zero Industries, European Commission <p data-bbox="352 1299 555 1332">Closing Speech</p> <p data-bbox="352 1337 1259 1370">Stefano Soro, Head of Unit - Net Zero Industries, European Commission</p> <p data-bbox="352 1415 687 1449">BID 2025 Announcement</p>	
15:30 - 16:00	COFFEE BREAK	
15:40 - 19:30	<p data-bbox="352 1541 804 1574">SITE VISIT AT APPLUS+ IDIADA</p> <p data-bbox="352 1615 836 1760">The site is located in Tarragona, around 1 hour drive from the conference venue. The total duration of the visit will last approximately 3h30.</p> <p data-bbox="352 1805 836 1883">Departure by bus from Barcelo Sants at 15:40.</p> <p data-bbox="352 1917 836 2074">IMPORTANT: A separate ticket with pre-registration is required for the site visit. If you have any questions, please contact the welcome desk.</p>	<p data-bbox="914 1541 1437 1574">SITE VISIT AT ALBA SYNCHROTRON</p> <p data-bbox="914 1615 1434 1760">The site is located in Cerdanyola del Vallès, around 1 hour drive from the conference venue. The total duration of the visit will last approximately 3h30.</p> <p data-bbox="914 1805 1434 1883">Departure by bus from Barcelo Sants at 15:40.</p> <p data-bbox="914 1917 1434 2074">IMPORTANT: A separate ticket with pre-registration is required for the site visit. If you have any questions, please contact the welcome desk.</p>



BATTERY INNOVATION DAYS

