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# BATTERY INNOVATION DAYS

## PRELIMINARY PROGRAMME

14-15 November 2023  
Convention Centre Cité Mondiale, Bordeaux

Organised by



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Tuesday, 14 November 2023

10:00-10:30	WELCOME COFFEE	
10:30-11:45	<p><b>1.1 OPENING SESSION: VISION AND AMBITION FOR THE EUROPEAN BATTERY VALUE CHAIN</b> Amphithéâtre Brisbane</p> <p><b>Opening remarks</b></p> <ul style="list-style-type: none"> <li>• Uwe Seidel, Senior Project Manager, VDI/VDE-IT</li> <li>• Claudine Bichet, Deputy Mayor responsible for finance, energy transition and gender equality, Ville de Bordeaux</li> <li>• Stéphane Delpeyrat, Vice-President, Economic Development, Employment, Higher Education and Research, Bordeaux Métropole</li> <li>• Alain Rousset, President of Région Nouvelle Aquitaine</li> </ul> <p><b>How gigafactories drive innovation</b></p> <ul style="list-style-type: none"> <li>• Yann Vincent, CEO, ACC</li> </ul> <p><b>The contribution of IPCEI and TCTF to the success of the European battery ecosystem</b></p> <ul style="list-style-type: none"> <li>• Tim Schulze, Policy Officer “Electric Mobility, Alternative Drivetrains, Environmental Innovation”, Federal Ministry for Economic Affairs and Climate Actions</li> </ul> <p><b>The Batt4EU Partnership: where are we now and where are we going?</b></p> <ul style="list-style-type: none"> <li>• Johan Blondelle, Policy Officer, European Commission, DG RTD</li> </ul>	
11:45-12:30	<p><b>1.2 ROUNDTABLE – REFLECTIONS ON THE BATT4EU PARTNERSHIP</b> Amphithéâtre Brisbane</p> <ul style="list-style-type: none"> <li>• Michael Lippert, Director Innovations and Solutions for Energy at SAFT, Vice President at EASE and Chairman of the Board at Batteries Europe and BEPA</li> <li>• Simon Perraud, Deputy Director, CEA-Liten</li> <li>• Eliana Quartarone, Full Professor, Chemistry Department, Università di Pavia</li> <li>• Kenya Shatani, Project &amp; Innovation Manager EBA250, EIT InnoEnergy</li> <li>• Johan Blondelle, Policy Officer, European Commission, DG RTD</li> </ul> <p>Q&amp;A</p>	
12:30-14:00	NETWORKING LUNCH	
14:00-15:30	<p><b>1.3 BREAKOUT 1 - HITTING THE ROAD: WHAT RESEARCH IS LEFT DO FOR MASS EV DEPLOYMENT?</b> Salle Brasilia</p> <p><b>Batteries, vehicles and infrastructure: A system approach for road transport electrification</b></p> <ul style="list-style-type: none"> <li>• Stephan Neugebauer, Director Global Research Cooperation BMW AG, 2Zero and ERTRAC Chair</li> </ul> <p><b>New chemistries for next generation cells</b></p> <ul style="list-style-type: none"> <li>• Margaud Lecuyer, Head of Electrochemistry Innovation, Blue</li> </ul>	<p><b>1.4 BREAKOUT 2 - SELF-HEALING BATTERIES. CAN WE DREAM ABOUT AN EVERLASTING BATTERY?</b> Amphithéâtre Brisbane</p> <p><b>Self-healing batteries: What are we talking about?</b></p> <ul style="list-style-type: none"> <li>• Maitane Berecibar, Head of the Battery Innovation Center, VUB</li> </ul> <p><b>Self-healing techniques: HIDDEN and BAT4EVER lessons</b></p> <ul style="list-style-type: none"> <li>• Marja Vilkmán, Principal scientist &amp; Project manager, VTT</li> </ul> <p>Q&amp;A</p>

	<p>Solutions</p> <p><b>Scaling-up high performing solid electrolytes for solid state battery in Europe</b></p> <ul style="list-style-type: none"> <li>Valérie Buissette, Head of Solid-State Batteries, Solvay</li> </ul> <p><b>Panel – Innovation answering to the different challenges imposed by mobility</b></p> <ul style="list-style-type: none"> <li>Christophe Bois, Full Professor, Université de Bordeaux</li> <li>Bjorn van de Ven, Applied Battery Scientist Cleantron Cleantech and Researcher Eindhoven University of Technology</li> <li>Patrick Bastard, Expert Fellow and VP Research, Renault Group</li> </ul> <p>Q&amp;A</p>	<p><b>HEALING BAT - Self-healing lithium-sulfur batteries</b></p> <ul style="list-style-type: none"> <li>Stefan Palzer, Professor, Technische Universität Dortmund</li> </ul> <p><b>Self-healing systems for anode and cathode in lithium-ion batteries</b></p> <ul style="list-style-type: none"> <li>Neslihan Yuca, Associate professor, ENWAIR</li> </ul> <p>Q&amp;A</p>
<b>15:30-16:00</b>	<b>NETWORKING COFFEE</b>	
<b>16:00-17:45</b>	<p><b>1.5 BATTERY YOUNG RESEARCH AWARD</b> Amphithéâtre Brisbane</p> <p><b>Battery Young Research Award winner presentation</b></p> <ul style="list-style-type: none"> <li>Romain Wernert, Postdoctoral Research Associate, University of Oxford</li> </ul> <p>Q&amp;A</p> <p><b>Educational needs to support the EV industry</b></p> <ul style="list-style-type: none"> <li>Annika Ahlberg, Technical Leader Battery Safety, VOLVOCAR Corporation and Legislation and Associate Professor at Uppsala University</li> </ul> <p>Q&amp;A</p> <p><b>Panel discussion: Education activities to support the European battery value chain</b></p> <ul style="list-style-type: none"> <li>Silvia Bodoardo, Full Professor, Politecnico di Torino</li> <li>Andreas Mersier, Skills Institute Sales &amp; Business Manager, EIT InnoEnergy</li> <li>Didier Duquesne, Responsable filières vertes, Région Nouvelle Aquitaine</li> <li>Alejandro Franco, Full Professor, Université de Picardie Jules Verne and Leader of the Theory Open Platform, ALISTORE European Research Institute</li> </ul> <p>Q&amp;A</p>	
<b>17.45-18.00</b>	<b>CONCLUSIONS DAY 1</b>	
<b>19.00-22.30</b>	<b>COCKTAIL RECEPTION + SEATED DINNER</b>	

Wednesday, 15 November 2023

08:30-09:00	WELCOME COFFEE	
09:00-10:30	<p><b>2.1 OPENING SESSION: CREATING A CIRCULAR BATTERY VALUE CHAIN: FROM RAW MATERIALS TO RECYCLING</b> Amphithéâtre Brisbane</p> <p><b>The emerging French battery industry: introducing France for Batteries</b></p> <ul style="list-style-type: none"> <li>Valérie Petat, Head of the Batteries project, Direction Générale des Entreprises</li> </ul> <p><b>Schwarzheide: A European success story</b></p> <ul style="list-style-type: none"> <li>Klaus Kühling, Head of global Product Management Battery Materials, BASF SE</li> </ul> <p><b>Resilient battery supply chains – Implications of the Critical Raw Materials Act</b></p> <ul style="list-style-type: none"> <li>Stefan Wolf, Senior Innovation Consultant, VDI/VDE-IT</li> </ul> <p><b>Panel - Implementing the Critical Materials Act for the EU battery ecosystem</b></p> <ul style="list-style-type: none"> <li>Fabrice Stassin, Director Government Affairs Electromobility Projects, UMICORE</li> <li>Maria Cristina Pasi, Recycling&amp;Sustainability WS EU leader, EUBatIn and Head of EuBatIn Project, Italmach Chemicals</li> <li>Emmanuelle Robins, Project leader – Europe and International, POLE AVENIA</li> </ul> <p>Q&amp;A</p>	
10:30-11:00	NETWORKING COFFEE	
11:00-12:30	<p><b>2.2 BREAKOUT 1 - TOWARDS A MORE SUSTAINABLE BATTERY: CHALLENGES AND INNOVATION</b> Salle Brasilia</p> <p><b>PFAS restrictions and the Green Deal - how to move forward from here?</b></p> <ul style="list-style-type: none"> <li>Claude Chanson, General Manager, RECHARGE</li> </ul> <p><b>Panel - Sustainable batteries as an integral step in reducing products' carbon footprints</b></p> <ul style="list-style-type: none"> <li>Robert O'Mahony, Head of Sustainability, Global Operations, Logitech</li> <li>Eliana Quartarone, Full Professor, Chemistry Department, Università di Pavia</li> <li>Tom Gebauer, CEO, Redoxone</li> <li>Daniela Fontana, Battery Global Competence Center, Comau</li> </ul> <p>Q&amp;A</p>	<p><b>2.3 BREAKOUT 2 - SODIUM SOLUTIONS: CAN WE PUSH NA- ION TO THE NEXT LEVEL?</b> Amphithéâtre Brisbane</p> <p><b>An introduction to sodium-ion batteries and the development of Tiamat</b></p> <ul style="list-style-type: none"> <li>Laurence Croguennec, Deputy Director, ICMCB, CNRS</li> </ul> <p><b>How material science is pushing the sodium revolution</b></p> <ul style="list-style-type: none"> <li>Montserrat Casas-Cabanias, EES scientific coordinator, CIC energiGUNE</li> </ul> <p>Q&amp;A</p> <p><b>Boosting the energy density and cycle Life of sodium-ion batteries</b></p> <ul style="list-style-type: none"> <li>Rasim Batmaz, Electrode Development Engineer, Beyonder</li> </ul> <p><b>Sodium-ion – next industrial chemistry</b></p> <ul style="list-style-type: none"> <li>Björn Marlid, CEO, ALTRIS</li> </ul> <p>Q&amp;A</p>

Have a question?

Contact us at [info@batteryinnovationdays.eu](mailto:info@batteryinnovationdays.eu)

12:30-13:30	<b>NETWORKING LUNCH</b>	
13:30-14:45	<p><b>2.4 CLOSING SESSION</b> Amphithéâtre Brisbane</p> <p><b>The competitiveness of European battery value chain at stake – can we secure Europe’s competitiveness in a changing world?</b></p> <ul style="list-style-type: none"> <li>• Ilka Von Dalwigk, EBA Policy Manager, InnoEnergy</li> </ul> <p><b>Piloting on a giga scale: Fraunhofer FFB</b></p> <ul style="list-style-type: none"> <li>• Thomas Paulsen, Group Manager Business Development, Fraunhofer</li> </ul> <p><b>Lessons from LiPlanet</b></p> <ul style="list-style-type: none"> <li>• Arno Kwade, Chairman of LiPlanet, TU Braunschweig</li> </ul> <p><b>Round table - Ensuring access to research infrastructure access for European battery research</b></p> <ul style="list-style-type: none"> <li>• Sandrine Lyonnard, Research Director, CEA</li> <li>• Stefano Passerini, Vice-coordinator of the StoRIES project, KIT Karlsruhe</li> <li>• Maria Rosa Palacín, Research Professor, IMCAB</li> </ul> <p>Q&amp;A</p>	
14:45-14:55	<b>FINAL STATEMENT</b>	
14:55-15:30	<b>NETWORKING COFFEE</b>	
15:30-17:30	<p><b>BEPA INNOVATION UPTAKE WORKSHOP</b></p> <p><b>Welcome and opening words</b></p> <ul style="list-style-type: none"> <li>• Ilka van Dalwigk, European Battery Alliance</li> </ul> <p><b>Panel discussion 1 - Supporting and investing in battery innovations (includes Q&amp;A)</b> Moderator: Daria Giovannacci, Geyser Batteries/ BATT4EU Partnership Board Member</p> <ul style="list-style-type: none"> <li>• Sara Hermansson, InnoEnergy</li> <li>• James Frith, Volta Foundation</li> <li>• Martin Bracken, H2IF CSA</li> <li>• Joris de Hoog, Flanders Make</li> </ul> <p><b>Panel discussion 2: Overcoming the hurdles on the road to battery innovation uptake (includes Q&amp;A)</b> Moderator: Daria Giovannacci, Geyser Batteries/ BATT4EU Partnership Board Member</p> <ul style="list-style-type: none"> <li>• Nicolas Bozek, Head of Partnerships, Basquevolt</li> <li>• Paul Schiffbaenker, AVL List</li> <li>• Christophe Aucher, BATRAW HorizonEurope project</li> <li>• Boschidar Ganev, 3beLiEVe Horizon2020 project</li> </ul>	15:30-18:00 <b>SITE VISIT AT ACC</b>