

## BATTERY 2030+

### Large-Scale Research Initiative

### Roadmap Workshop

**Date:** 27/06/2024, 09:00 am – 05:00 pm

**Location:** Scandic Holmenkollen Park Hotel, Oslo

### Agenda

08:30 – 09:00	<i>Check-In and Registration</i>	
09:00 – 09:05	<b>1) Welcome address &amp; Overview of Roadmap Battery 2030+ (5 min)</b>	<i>Kristina Edström Maximilian Fichtner</i>
09:05 – 09:10	<b>2) BEPA (SRIA, Horizon Europe Work Program) (5 min)</b>	<i>Wouter Ijzermans</i>
09:10 – 09:25	<b>3) Opening session: Sensing &amp; Selfhealing</b> <ul style="list-style-type: none"> <li>• PHOENIX</li> <li>• SALAMANDER</li> <li>• HEALINGBAT</li> </ul> <i>(15 min)</i>	<i>Joris de Hoog Samson Lai Stefan Palzer</i>
09:25 – 09:35	<b>4) Opening session: Digital Twins</b> <ul style="list-style-type: none"> <li>• BatCat</li> <li>• BATTwin</li> </ul> <i>(10 min)</i>	<i>Martin Horsch Matteo Fervorari</i>
09:35 – 09:50	<b>5) Opening session: Interface &amp; Electron</b> <ul style="list-style-type: none"> <li>• OPERA</li> <li>• OPINCHARGE</li> <li>• ULTRABAT</li> </ul> <i>(15 min)</i>	<i>Filip Maletic Birger Horstmann Asmus Ougaard Dohn</i>
09:50 – 10:05	<b>6) Opening session: Recyclability</b> <ul style="list-style-type: none"> <li>• RENOVATE</li> <li>• ReUse</li> <li>• REVITALISE</li> </ul> <i>(15 min)</i>	<i>Eliana Quartarone Guinevere Giffin Erik Prasetyo</i>
10:05 – 10:15	<b>7) Opening session: Raw Materials + material flow</b> <ul style="list-style-type: none"> <li>• CICERO</li> <li>• STREAMS</li> </ul> <i>(10 min)</i>	<i>Siri Marie Skaftun Damian Cupid</i>
10:15 – 10:45	<b>Coffee break (30 min)</b>	



10:45 – 11:15	<b>8) Roadmap structure and process (30 min)</b>	<i>Philipp Veit</i>
11:15 – 12:15	<b>9) Discussion in breakout sessions goals &amp; SWOT (60 min)</b>	<b>Moderators:</b>
	<b>9.1) Accelerated discovery of battery interfaces and materials:</b> Battery Interface Genome (BIG) & Materials Acceleration Platform (MAP)	<i>Ivano Castelli Wolfgang Wenzel</i>
	<b>9.2) Integration of smart functionalities:</b> Sensing & Self-healing	<i>K. Burak Dermenci</i>
	<b>9.3) Cross-cutting area:</b> Manufacturability	<i>Elixabete Ayerbe</i>
	<b>9.4) Cross-cutting areas:</b> Recyclability	<i>Marcel Meeus</i>
12:15 – 12:45	<b>10) Presentation and discussion of findings from breakout sessions (7-8 min each = 30 min)</b>	<i>All</i>
12:45 – 13:00	<b>11) Discussion:</b> Expectations for the roadmap (15 min)	<i>All</i>
13:00 – 14:00	<b>Lunch</b>	
14:00 – 14:10	<b>12) Input: Thematic Area New Chemistries (10 min)</b>	<i>Montserrat Casas</i>
14:10 – 14:20	<b>13) Input: Thematic Area BMS (10 min)</b>	<i>Joris de Hoog</i>
14:20 – 14:30	<b>14) Input: Cross-linked goals (10 min)</b>	<i>Marcel Meeus</i>
14:30 – 14:40	<b>15) Input: Goals for Standardisation (10 min)</b>	<i>Christian Punckt Philipp Veit</i>
14:40 – 14:50	<b>16) Input: Data infrastructure and ontology (10 min)</b>	<i>Ivano Castelli</i>
14:50 – 15:30	<b>17) World Café Round 1-2:</b> 6 Groups on the previous 5 topics + general scope (2x 20 min each = 40 min)	<i>All</i>
15:30 – 16:00	<b>Coffee break (30 min)</b>	
16:00 – 16:40	<b>18) World Café Round 3-4:</b> 6 Groups on the previous 5 topics + general scope (2x 20 min each = 40 min)	<i>All</i>
16:40 – 17:00	<b>19) Wrap-up</b> Expectations for the roadmap, SWOT (25 min)	<i>Kristina Edström Philipp Veit</i>
17:00	<b>End of meeting</b>	

