

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



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

