

Sustainability Assessment of materials and technologies for a clean energy transition

Friday 25/02/2021 - 13:00-17:00 - Online

EM4I - Energy Materials for Innovation - 4th webinar - EERA's webinar series for invited speakers

Time	Topic	Presenter	Organization
13:00	Introduction to EERA's webinar series, JP-AMPEA and JP-E3S	Organization chairs	EERA
13:15	Sustainability by Design surface treatments using Tribological and Lifecycle Assessment Tools	Amaya Igartua , Raquel Bayon, Gemma Mendoza, Borja Zabala and Ana Aranzabe	<i>Fundación Tekniker, Gipuzkoa, Spain</i>
13:45	Life Cycle Sustainability toolbox enabling Safe and Sustainable by Design development of materials and technologies	Thomas Gibon, Elorri Igos, Thomas Schaubroeck, Claudia Hitaj, Enrico Benetto	<i>Luxembourg Institute of Science and Technology (LIST), Esch-Sur-Alzette, Luxembourg</i>
14:15	Bauhütte 4.0 - Perspectives for the construction of tomorrow	Holger Kohl	<i>Fraunhofer Institute IPK and Technische Universität Berlin, Berlin Germany</i>
14:45	Towards sustainable raw materials value chains	Simone Manfredi	<i>Joint Research Centre (JRC), Ispra, Italy</i>
15:15	Safe and sustainable by design for nanotechnology	Beatrice Salieri ¹ , Roland Hischer ² , Blanca Suarez Merino ¹	<i>¹TEMAS Solutions GmbH, Hausen, Switzerland ²Empa, St. Gallen, Switzerland</i>
15:45	Sustainability Assessment and the Collingridge Dilemma – use case of Sodium Ion-Batteries	Manuel Baumann ¹ , Marcel Haeringer ² , Marius Schmidt ² , Luca Schneider ² , Werner Bauer ² , Joachim R. Binder ² , Marcel Weil ^{1,3}	<i>Karlsruhe Institute of Technology ¹ KIT-ITAS, Karlsruhe, Germany ² KIT-IAM-ESS, Karlsruhe, Germany ³ KIT-HIU, Ulm Germany</i>
16:15	Round table – Qs&As	All	
17:00	Closing session	Organizing Committee	EERA
	Webinar end	All	

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Energy Materials for Innovation

4th EERA workshop on

Sustainability Assessment of materials and technologies for a clean energy transition

EERA's webinar series for invited speakers

4th webinar for invited speakers

Aim: Sustainability Assessment methods and tools for reduction of economic, environmental and social impacts of clean energy transition with a focus on critical materials

Organising Committee: EERA, EERA's JP-AMPEA, EERA's JP-E3S

Chair: Giampaolo Campana

Co-chair: Monica Fabrizio

