

THE FUTURE OF ENERGY MATERIALS

EERA EM4I Final Workshop with the participation of AMI2030

AGENDA

Date March 13 and 14
Time 13:30 to 16:40 and 08:50 to 12:30
Location Online

1. Agenda

March 13 - 13:30 to 16:40

		Title / Topic	Speaker
13:30	13:35	Opening welcome	Adel El Gammal - EERA
13:35	14:05	Introduction: EERA-EM4I series	Lorenzo Malerba - Ciemat, Spain
		ORIENT-NM: towards a CEP on nuclear materials	
		Scientific EM4I session	
14:05	14:30	MAPs r/evolution: Pathway to energy materials	Mark Kozdras - Natural Resources, Canada
14:30	14:55	Digital Twins in the (Future) European Battery Supply Chain	Jawad Elomari - SINTEF
14:55	15:05	Q&A session	Moderator: Sawaco Nakamae - CEA, France
15:05	15:15	Break	
15:15	15:40	High-throughput fabrication and characterization	Nico De Wispelaere - OCAS/ArcelorMittal, Belgium
15:40	16:05	Prospective Sustainability Assessment and decision support for new Energy Materials - use cases from battery research	Manuel Baumann - KIT, Germany
16:05	16:15	Q&A session	Moderator: Lorenzo Malerba - Ciemat, Spain
16:15	16:35	AMPEA (COST-Action)	Sawaco Nakamae - CEA, France



16:35	16:40	Closing	
16:40	16:40	End of first day	

March 14 - 8:50 to 12:30

		Title / Topic	Speaker
8:50	9:00	Opening welcome & 2 nd day introduction	Philippe Jacques - EMIRI, Belgium
9:00	9:20	AMI2030: the multi-sectoral accelerator for sustainable advanced materials design, development and uptake	Fabrice Stassin - EMIRI, Belgium
		Materials Research for CET	
9:20	9:40	From materials design to their scale up: the EIC hands on approach for Advanced Materials for Energy	Francesco Matteucci - European Innovation Council, EC
9:40	10:00	IEMAP: the Italian platform for energy materials discovery	Massimo Celino - ENEA, Italy
10:00	10:20	Critical Raw Materials	Stéphane Bourg - CEA, France
10:20	10:35	Q&A	Moderator: Jérôme Gavillet? - CEA
10:35	10:45	Break	
10:45	11:05	EMIRI Focus Group on Hydrogen: Advanced materials for Electrolysers, Fuel Cells and Storage & Distribution	Marcel Meeus - EMIRI, Belgium
11:05	11:25	Harnessing semantic technologies to accelerate the discovery of next-generation battery materials	Eibar Joel Flores Cedeño - SINTEF, Norway
11:25	11:45	EU-SOLARIS: From Solar Infrastructures and R&D Capabilities to innovative applications and solutions to meet CET challenges	Eugenia Zugasti - CENER, Spain

11:45	11:55	Q&A	Moderator: Monica Fabrizio - CNR
11:55	12:40	Panel Discussion	Moderator: Kalle Nilsson - JRC, Petten Panellists: M. Celino, E. Flores, M. Kozdras, L. Malerba, F. Matteucci, F. Stassin, L. Giovannelli
12:40	12:45	Closing	Lorenzo Malerba - Ciemat, Spain
12:45	12:45	End of Workshop	



