

Monday, 22 Oct	19:00	Get Together Dinner				
Tuesday, 23 Oct	08:30	Reception + Coffee			Café and Networking Room	
	9:00 - 10:30	Sustainable Materials for Future Mobility		Moderated by Roland Gauß (EIT RawMaterials)		
	Welcome Address The Commissions Strategic Plan on Batteries Metals for electrification Materials for Batteries, Magnets, and E-Drives - Market needs Introduction to Satellite Workshop Materials by Design Roundtable Discussion		Gregor Brodt Patrice Millet Bert Witkamp Luis Tercero Raquel Lizarraga	BASF and EIT RawMaterials Board Member DG Grow Valuad and IEA Fraunhofer ISI KTH		
	10:30 - 11:00	Coffee Break				
	11:00 - 12:30	Battery Raw Materials: Exploration, Mining, Extraction, Recycling		Moderated by Mark Saxon (Leading Edge Materials)		Satellite Workshop Materials by Design coordinated by KTH
	Battery metals from Finland Graphite - From raw to advanced materials Lithium from Portugal Battery recycling Roundtable Discussion		Jani Kiuru Raffaele Gilardi David Archer Bjorn Hall	Finnish Minerals Group Imerys Graphite & Carbon Savannah Resources Stena Metall		
	12:30 - 13:30	Lunch				
	13:30 - 15:00	Advanced Battery Materials and Cells		Moderated by Jean-François Perrin (Nanomakers)		
	Advanced cathode materials Porocarb - advanced anode materials in Li ion batteries Li metal anodes and solid state batteries The future of batteries Roundtable Discussion		Fabrice Stassin Michael Grimm Stephen Tighe Kristina Edström	Umicore Heraeus Bühler Redex Uppsala University		
15:00 - 15:30	Coffee Break					
15:30 - 17:00	Sustainable Batteries		Moderated by Emma Nehrenheim (Northvolt)			
How can we measure sustainability in the battery value chain? Batteries: a critical look to a sustainable supply of the materials Certification of raw materials What makes a sustainable battery? Roundtable Discussion		Julia Poliscanova Jo Dewulf Lukas Förster Clémence Siret	Transport & Environment Ghent University DMT SAFT			
17:00 - 18:30	Breakout sessions 1. Raw Materials for Batteries: i) Cross Value Chain Alliances; ii) Demonstration Projects for RM Extraction and Processing Pitches: M. Popall, Fraunhofer ISC: European Lithium Institute; N.Meadows, European Metals: Lithium mining at Cinovec; M. Tesar, Pandion Partners: Lithium from mine tailings at Cinovec; J.Zimmermann, Fraunhofer IWKS: Battery recycling 2. Advanced Materials and Cells: i) Advanced Li ion batteries (Gen 3b); ii) all solid state batteries (Gen 4) 3. Sustainable Batteries: i) Sustainable Sourcing; ii) Ecolabelling Marx Saxon, Leading Edge Materials: Blockchain Technology in sourcing					
	18:30 - 22:00	Dinner				
Wednesday, 24 Oct	09:00 - 10:30	Rare Earths: Exploration, Mining, Extraction, Recycling		Moderated by David Kennedy (Uni. Birmingham)	Café and Networking Room	
	Rare Earth made in Europe Sustainable REE supply chains Securing the supply chain of Rare-Earth Elements for Nd-Fe-B Global REE supply chains Roundtable Discussion		Mark Saxon Alain Rollat Jürgen Gassmann Signe Kask	Leading Edge Materials Lynas Fraunhofer IWKS Neo Performance Materials		
	10:30 - 11:00	Coffee Break				
	11:00 - 12:30	High Performance Permanent Magnets		Moderated by Oliver Gutfleisch (TU Darmstadt)		
	Advanced magnet materials made in Europe Casting of rare earth alloys High performance permanent magnets: options and challenges 3D printing of magnets Roundtable Discussion		Matthias Katter Ian Higgins Sorana Luca Konstantin Skokov	Vacuumschmelze Less Common Metals CEA TU Darmstadt		
	12:30 - 13:30	Lunch				
	13:30 - 15:00	Electric Drives and Magnetic Cooling		Moderated by Hilmar Vidarsson (Höganäs)		
	Permanent magnets and e-drives Permanent magnet drives in mining machines Permanent magnet synchronous machines Magnetic cooling Roundtable Discussion		Gotthard Rieger Gaizka Ugalde Rosillo Jean-Marc Dubus Oliver Gutfleisch	Siemens Mondragon Valeo TU Darmstadt		
	15:00 - 16:30	Breakout sessions - workshop to integrate community 1. Sourcing rare earth metals 2. High performance permanent magnets 3. E-drives				
		Wrap up of entire Workshop				

