

Raw Materials on the Horizon

an ETP SMR Webinar Series

16-18 November 2020

The European Technology Platform on Sustainable Mineral Resources (ETP SMR) invites you to join a series of three short webinars that aim to showcase some of the most prominent ongoing activities and ideas within the EU raw materials research and innovation community. In the drive for ever more advanced applied research and innovation and higher technology readiness levels required for a move towards climate neutrality, basic research should not be left behind as the foundation for major breakthrough discoveries. These webinars will demonstrate the current landscape of raw materials research across the EU and new ideas being developed among core researchers to help a critical industry adapt towards a greener and more environmentally conscious society.

Schedule

Monday 16th November 2020 | 11:30-13:00 (CET)

Finding sustainability throughout the raw materials value chain

Sustainability is at the heart of many innovations being developed within the raw materials sector, whether it be sustainable sourcing, sustainable supply chains, or more sustainable practices in production and processing. This session will hear from a number of projects focussed on sustainability issues within the sector and a response from industry to the European Green Deal.

Tuesday 17th November 2020 | 15:00-16:30 (CET)

Raw Materials for the Clean Energy Transition

Cleaner and greener energy brings with it an increased demand for critical raw materials and rare earth elements. Where could these be sourced, are there untapped deposits worth investigating within the EU, and what is being done to invest more in circular value chains or decarbonising an energy intensive industry? These are some of the questions to be undertaken in this session.

Wednesday 18th November 2020 | 11:00-12:30 (CET)

Society and the environment in the raw materials agenda

Many regions across Europe have developed both socially and economically around the mineral resources they possess. This session delves into the challenges being faced by those regions and the solutions for future development, from re-skilling/up-skilling in a rapidly evolving sector, development of new technologies to reduce environmental impacts, to biodiversity protection strategies.

How to join?

[Register here](#) by Friday 13th November 2020, 12:00 CET.

The connection details will be sent to all registered participants once registration closes.

Programme

Finding sustainability throughout the raw materials value chain		
Monday 16th November 2020 11:30-13:00		
Time	Title	Speaker
11:30	11:35	Welcome address Rafał Szkop (KGHM) – ETP SMR President Corina Hebestreit (Euromines) – Moderator
11:35	11:50	KGHM Polska Miedź S.A. towards European Green Deal Radosław Żydok KGHM Polska Miedź S.A.
11:50	12:05	Sustainable Management in Extractives - SUMEX Project Michael Tost Montanuniversität Leoben
12:05	12:20	Traceability for Sustainable Metals and Minerals - TraceMet Project Sebastian Stiller IVL Swedish Environmental Research Institute
12:20	12:35	Processing solutions for Rare Earth Elements Erik Larsen Norwegian University of Science and Technology
12:35	13:00	Panel discussion with speakers and Q&A from audience
13:00		FIN

Raw Materials for the Clean Energy Transition		
Tuesday 17th November 2020 15:00-16:30		
Time	Title	Speaker
15:00	15:05	Welcome address Dámaris Fernández – Moderator Trinity College Dublin
15:05	15:20	New Exploration Tools for European Pegmatite Green-Tech Resources feeding the energy transition Wolfgang Reimer GKZ Freiberg
15:20	15:35	R&I in raw materials circular value chains as per the Commissions' Strategic Research and Innovation Agenda on Circular Economy (SRIA) – the H2020 CICERONE project Jean-Francois Renault PtJ Jülich, Berlin
15:35	15:50	Research into decarbonisation in the magnesia industry: "CarbonUpCycle" Corina Hebestreit Euromines
15:50	16:05	Forecasting and Assessing Europe's Strategic Raw Materials Needs - GeoERA FRAME Project Daniel de Oliveira LNEG
16:05	16:30	Panel discussion with speakers and Q&A from audience
16:30		FIN

Society and the environment in the raw materials agenda		
Wednesday 18th November 2020 11:00-12:30		
Time	Title	Speaker
11:00	11:05	Welcome address
11:05	11:20	Mining and Metallurgy Regions of EU - MIREU Project Kaisa Turunen GTK - Geological Survey of Finland
11:20	11:35	Real-Time Mineral X-Ray Analysis for Efficient and Sustainable Mining - X-MINE Project Janne Paaso VTT
11:35	11:50	Mining with Nature – the Swedish mining and minerals industry's roadmap for biodiversity net gain Tove Hägglund Ecogain
11:50	12:05	SDG focusing on social and environmental aspect - mineral policy, deliberation and methods for solving conflicts Aurela Shitza, IMA Europe Joanna Kulczycka & Olga Janikowska, MEERI
12:05	12:30	Panel discussion with speakers and Q&A from audience
12:30		FIN