

# 10<sup>th</sup> Scientific Seminar – Agenda

## November 28-30<sup>th</sup>, 2023

### Lisbon (WET)

Time (WET)	Topic	Speaker
<b>Tuesday 28 November</b>		
<b>Global view on EU raw materials production challenges</b>		
14:00	Welcome Talks	<b>Stéphane Bourg</b> , President <b>Alexandra Ribeiro</b> , Vice-President <b>Patrick D’Hugues</b> , Chairman
14:15	From Critical Raw Materials Act to R&D program	<b>Milan Grohol</b> , Policy Officer, European Commission, DG GROW
14:35	EIT Raw materials strategy for responsible metal production	<b>Ana Carina Verissimo</b> , Business Developer, EIT RawMaterials
14:55	Era-Min : a key actor for R&D on Raw Materials	<b>Dina Carrilho</b> , Senior Science Officer, ERA-MIN coordinator
15:15	Coffee Break	
15:45	ETP SMR Strategic Research and Innovation Agenda	<b>Marina Cabidoche</b> , ETP SMR Executive Secretary
16:05	Enhancing EU mining regional ecosystems to support the green transition and secure mineral raw materials supply – an EC/OCDE project with potential impact in the Portuguese Mineral Resources Industry	<b>Luís Martins</b> , Cluster Portugal Mineral Resources
16:25	Responsible mining : Boliden strategy and actions	<b>Anders Sand</b> , Research Manager at Boliden Mineral AB
16:45	The role of processing activities in UNFC Classification	<b>Slavko Šolar</b> , Sustainable Energy Division, UNECE
17:05	End of the day	
17:30	<b>General Assembly meeting (restricted to members)</b>	
19:00	End of the GA	

## Wednesday 29 November

### “Collaborative projects supporting the production of CRM, sustainable processes and the green/energy transition”

9:00	Introduction - objectives of the day	<b>Yongxiang Yang</b> , TU Delft <b>Lena Sundqvist</b> , Swerim
9:15	Pathways to decarbonize the metal production industries	<b>Xianfeng Hu</b> , Swerim
9:35	Unlocking the potential of metallurgical by-products : A comparative Exergy Analysis of emerging valorisation techniques	<b>Elena Mikeli</b> , NTUA
9:55	Development of the innovative technology of non-ferrous metals enrichment by using the pre-concentration system based on the artificial intelligence algorithms	<b>Waldemar Mijał</b> , IMN
10:15	Hydrogen and Piloting for green transition for the metallurgical industry - recent Swerim experiences	<b>Guozhu Ye</b> , Swerim
<b>10:35</b>	<b>Coffee Break</b>	
11:05	Introduction of the Dutch National Growth fund of Circular Batteries	<b>Shoshan Abrahami</b> , TU Delft
11:25	European advanced REE resources and REE extraction and traceability studies	<b>Jason Yang and Xuan Liu</b> , GTK
11:45	The RELiEF project role on the recovery of lithium from secondary raw materials	<b>Joana Almeida</b> , NOVA University Lisbon
12:05	The role of EDM in the remediation of old mining areas	<b>Frederico Martins and Catarina Diamantino</b> , EDM
12:25	<b>Lunch (group photo)</b>	
14:00	Recycling of man-made minerals from the urban mine: challenges and opportunities	<b>David Bastin</b> , Liège University
14:20	Recovery of antimony and bismuth from arsenic-containing waste streams from the copper electrorefining circuit: an example of promoting critical metals circularity from secondary resources (Recopps Project)	<b>Jose Luis Cortina</b> , UPC
14:40	Recovery of Rare Earth from Permanent Magnet : BRGM’s contribution to the Valomag project	<b>Yannick Menard</b> , BRGM
15:00	Green Alternatives for Lithium-ion Battery Recycling	<b>Albert Martínez Torrents</b> , Eurecat
15:20	A low-cost and sustainable process for the recovery of Tantalum from electronical components	<b>Camila Mori de Oliveira</b> , POLITO
15:40	EcoGlassFab: Eco-Glass-Fabrication from the assembly of secondary precursors	<b>Sophie Schuller and Nicolas Bisbrouck</b> , CEA

16:00	Coffee Break	
16:30	Workshop on Current Challenges for Mineral processing, extractive metallurgy and Recycling in connection with Horizon Europe and the CRMAct : Preparation of PROMETIA Position Paper	<b>Patrick d'Hugues</b> , BRGM LGI
17:50	Concluding remarks - End of the day	<b>Yongxiang Yang</b> , TU Delft <b>Lena Sundqvist</b> , Swerim
19:30	Invited Dinner	

Thursday 30 November		
“Piloting activities – METNET presentations”		
09:00	Introduction	<b>Patrick d'Hugues</b> , BRGM
09:10	Research project in pilot scale in Łukasiewicz – Institute of Non-Ferrous Metals	<b>Tadeusz Gorewoda</b> , IMN
09:30	MAXIBROME – A unique process for bromide regeneration	<b>Florent Sassi</b> , Séché Environnement
09:50	New CRM's pilot scale plasma furnace at the service of circular economy and energy transition	<b>Bernard Vanderheyden</b> , CRM Group
10:10	Bioleaching of mineral processing waste using innovative technologies	<b>Anne-Gwénaëlle Guezennec</b> , BRGM
10:30	Coffee Break	
11:00	GTK Mintec Water Pilot Advances Circular Economy with Comprehensive Mineral Processing Water Treatment Plan	<b>Xu Junhua</b> , GTK
11:20	Steps towards net zero at the Materials Processing Institute - matching aspiration with practicality	<b>Alan Scholes</b> , MPI
11:40	Recycling of waste materials and novel material processing in Elkem	<b>Gro Eide &amp; Christa Nimbona</b> , Elkem
12:00	Contribution of pilot tools @ EID toward lower environmental impacting processes – Focus on manganese sinter	<b>Aurélie Amalric</b> , Eramet
12:20 12:30	End of the seminar and concluding remarks ( <b>Stéphane Bourg</b> , President)	