

10th Scientific Seminar – Agenda

November 28-30th, 2023

Lisbon (WET)

Time (WET)	Topic	Speaker
Tuesday 28 November		
Global view on EU raw materials production challenges		
14:00	Welcome Talks	Stéphane Bourg , President Alexandra Ribeiro , Vice-President Patrick D’Hugues , Chairman
14:15	From Critical Raw Materials Act to R&D program	Milan Grohol , Policy Officer, European Commission, DG GROW
14:35	EIT Raw materials strategy for responsible metal production	TBC
14:55	Era-Min : a key actor for R&D on Raw Materials	Dina Carrilho , Senior Science Officer, ERA-MIN coordinator
15:15	Coffee Break	
15:45	ETP SMR Strategic Research and Innovation Agenda	Patrick Wall , Secretariat Officer & Project Manager, ETP – SMR
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	Luís Martins , Cluster Portugal Mineral Resources
16:25	Responsible mining : Boliden strategy and actions	Anders Sand , Research Manager at Boliden Mineral AB
16:45	The role of processing activities in UNFC Classification	Slavko Šolar , Sustainable Energy Division, UNECE
17:05	End of the day	
17:30	General Assembly meeting (restricted to members)	
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	Yongxiang Yang, TU Delft Lena Sundqvist, Swerim
9:15	Pathways to decarbonize the metal production industries	Xianfeng Hu, Swerim
9:35	Unlocking the potential of Bauxite Residues : A comparative Exergy Analysis of emerging valorisation techniques	Elena Mikeli, 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	Waldemar Mijał, IMN
10:15	Hydrogen and Piloting for green transition for the metallurgical industry - recent Swerim experiences	Guozhu Ye, Swerim
10:35	Coffee Break	
11:05	Introduction of the Dutch National Growth fund of Circular Batteries	Shoshan Abrahami, TU Delft
11:25	European advanced REE resources and REE extraction and traceability studies	Jason Yang and Xuan Liu, GTK
11:45	The RELiEF project role on the recovery of lithium from secondary raw materials	Joana Almeida, NOVA University Lisbon
12:05	The role of EDM in the remediation of old mining areas	Edgar Carvalho, EDM
12:25	Lunch (group photo)	
14:00	Recycling of man-made minerals from the urban mine: challenges and opportunities	David Bastin, 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)	Jose Luis Cortina, UPC
14:40	Recovery of Rare Earth from Permanent Magnet : BRGM’s contribution to the Valomag project	Yannick Menard, BRGM
15:00	Green Alternatives for Lithium-ion Battery Recycling	Albert Martínez Torrents, Eurecat
15:20	A low-cost and sustainable process for the recovery of Tantalum from electronical components	Camila Mori de Oliveira, POLITO
15:40	EcoGlassFab: Eco-Glass-Fabrication from the assembly of secondary precursors	Sophie Schuller and Nicolas Bisbrouck, 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	Patrick d'Hugues , BRGM LGI
17:30	Presentation TBC	
17:50	Concluding remarks - End of the day	Yongxiang Yang , TU Delft Lena Sundqvist , Swerim
19:30	Invited Dinner	

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