

# 7<sup>th</sup> Scientific Seminar

## December 10, 2020

### Agenda



This 7<sup>th</sup> scientific seminar of the PROMETIA association will be:

- an opportunity to look at the Raw Materials Community's main achievements in terms of process development and innovation and to identify the gaps, the remaining challenges and the opportunities to be tackled in the next Horizon Europe programme
- a moment of exchange with other key actors in the field of Raw Materials and the Circular Economy in connection with EU's research and innovation programme

The seminar will be organised in two distinct sessions:

- the first one dedicated to the presentations of some of key EU projects (and their main outcomes)
- the second one dedicated to a round table with key EU actors promoting innovation in the Raw Materials sector

Time (CET)	Topic	Speaker
09:00	Welcome – Introduction Overview of PROMETIA activities and Services	Andrzej Chmielarz, President Stéphane Bourg, Chairman of ExCom
<b>From the mine to the metals chaired by Gro Eide (Elkem)</b>		
09:15	ImPaCT: Integrated Modular Plant and Containerised Tools for Selective, Low-impact Mining of Small High-grade Deposits	Jérôme Bodin, BRGM & Kate Moore, Exeter University
09:35	Fine Future: Innovative technologies and concepts for fine particle flotation: unlocking future fine-grained deposits and Critical Raw Materials resources for the EU	Stefan Dirlich, HZDR
09:55	Iterams: Integrated mineral technologies for more sustainable raw material supply	Päivi Kinnunen, VTT
10:15	PREMA : Pretreatment of Mn ores in a pilot-scale rotary kiln	Julia Noémie, Eramet
10:35	Break	
<b>From waste to resources chaired by Christian Ekberg (Chalmers University)</b>		
10:45	VALOMAG project: from the recovery of scrap magnets to the production of new magnets and rare earth oxides	Virginie Decottignies, SUEZ & Thibaut Marcon, CRM Group
11:05	Recovery of Tungsten, Niobium and Tantalum occurring as by-products in mining and processing waste streams: a general overview of TARANTULA project	Martina Orefice, KU Leuven
11:25	Chromic: efficient mineral processing and Hydrometallurgical Recovery of by-product Metals from low-grade metal containing secondary raw materials	Liesbeth Horckmans, VITO
11:45	SisAL Project: Innovative pilot for Silicon production with low environmental impact using secondary Aluminium and silicon raw materials	Gabriella Tranell, NTNU
12:05	Q&A – discussion chaired by Gro Eide & Christian Ekberg	
12:30	Lunch	
<b>From H2020 to Horizon Europe – A panoramic view on Raw Materials Challenges chaired by Patrick d’Hugues (BRGM) &amp; Jordi Bruno (Amphos 21)</b>		
14:00	Overview from DG GROW	Daniel Cios
14:20	Overview from Era-Min	Dina Carrilho
14:40	Overview from EIT	Laurence Lamm / Patrick Nadoll (tbd)
15:00	Overview from EGS (Mineral Resource Expert Group)	Daniel Oliveira
15:20	Overview from PROMETIA	Stéphane Bourg
15:40	Business in recycling - Elkem	Cor Oldenzel
16:00	Q&A chaired by Patrick d’Hugues & Jordi Bruno	
16:15	Concluding remarks	Andrzej Chmielarz, IMN & Marion Lenoir, Eramet