PROMETIA

Mineral processing and extractive metallurgy for mining and recycling association

Stéphane Bourg, President
Alexandra Ribeiro, Vice-President
Patrick d'Hugues, Chairman

PROMETIA in a nutshell

- PROMETIA is an international non-profit association that promotes innovation in mineral processing and extractive metallurgy.
- PROMETIA Mission: making raw materials accessible for European industries and citizens.

PROMETIA

BOOSTING INNOVATION IN EUROPE'S RAW MATERIALS SECTOR

WWW.PROMETIA.EU
CONTACT@PROMETIA.EU

BUILD STRONG PARTNERSHIPS

- **Help set up projects** ranging from basic research to pre-industrial development
- **Propose partners** to match needs
- **Facilitate interactions** between industry and researchers by coordinating R&D needs

PROVIDE ACCESS TO PILOTING FACILITIES

- **Take ideas further and make them grow on the TRL scale** through the Association's top-notch piloting facilities

DRIVE OPEN INNOVATION

- **Allow industry to solve their challenges quickly** by addressing their issues to their association's members

HELP ACCESS EU FUNDS

- **Support applications for European funds** through guidance, writing and submission of project proposals

SUPPORT INTERESTS

- **Represent members' interests** at EU level and in organisations that support R&D activities in mineral processing and extractive metallurgy

PUSH EDUCATION AND KNOWLEDGE FORWARD

- **Organise** schools, tours and workshops
- **Sponsorise** events and provide experts on-demand

PROMETIA objectives

Develop innovative technological solutions to optimise raw materials & waste treatment

Enhance EU skills in mineral processing and extractive metallurgy of ores and industrial residues

Boost the innovation capacity of the EU raw materials related sectors

PROMETIA activities

- Build strong partnerships
  - Help set up projects ranging from basic research to pre-industrial development
  - Propose partners to match needs
  - Facilitate interaction between industry and researchers by coordinating R&D needs
- Provide access to piloting facilities
  - Take ideas further and make them grow on the TRL scale

PROMETIA activities

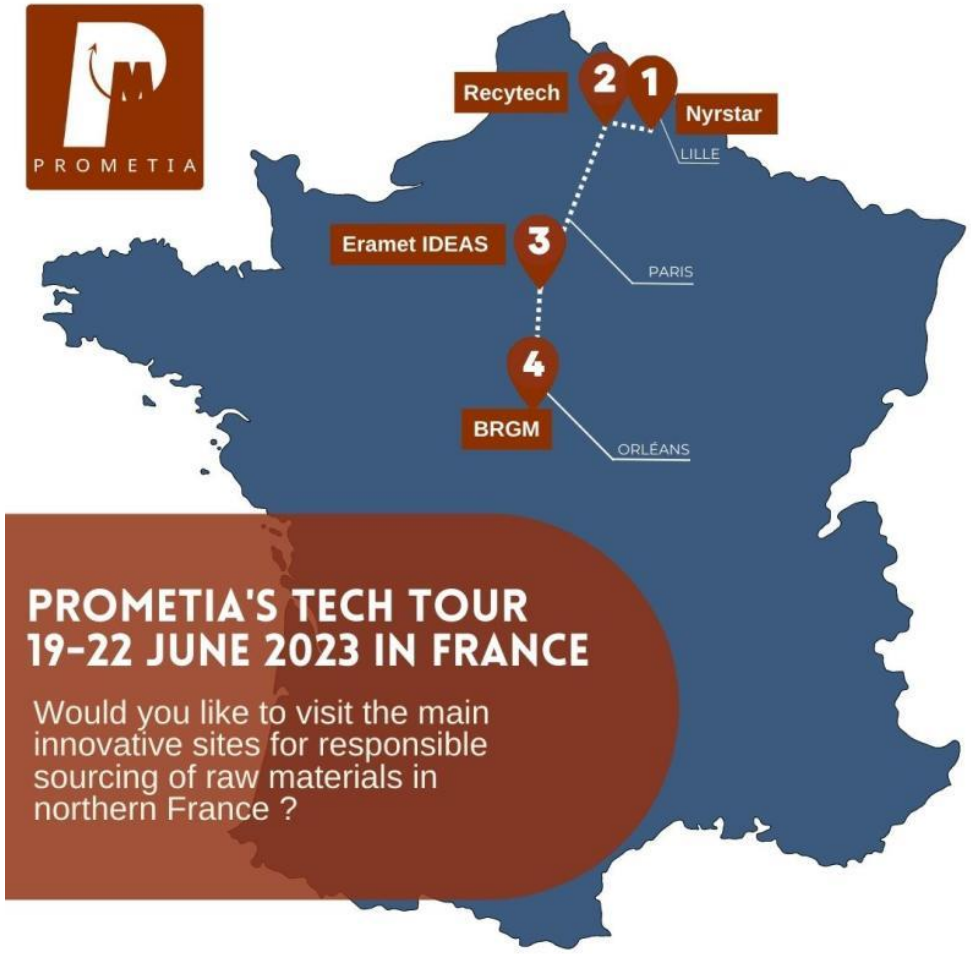
- Help access EU funds
  - Support applications for European funds through guidance and advice
- Support interests
  - Represent members' interests at EU level and in organisations that support R&D activities in mineral processing and extractive metallurgy
- Push education and knowledge forward
  - Organise seminars, tours and workshops
  - Sponsor events and provide experts on-demand

PROMETIA annual seminar

- The Association organizes an annual Scientific Seminar: a two-day event that addresses a key topic related to raw materials

Tech Tour

A Tech Tour is also organized to give students and young researchers from Europe the opportunity to meet and share their experiences.
Attendance limited to PROMETIA members



MSP-REFRAM

- PROMETIA proposed the MSP-REFRAM project in 2015
- MSP-REFRAM aimed to carry out a comprehensive study of the entire value chain of key refractory metals including mining, processing, recycling and final applications (and potential substitution opportunities), and taking account of crosscutting aspects: policy/society, technology and market.
- https://prometia.eu/msp-refram/

SCRREEN

- PROMETIA was at the origin of SCRREEN, together with an initiative led by CRM-INNONET group. The joint effort was successful!

- PROMETIA is a member of SCRREEN2 together with key associations and initiatives EIT-RM, EGS, REIA and 15 valuable partners covering raw materials value chains.

- www.scrreen.eu

New activities to come!

- Executive committee brainstorming workshop to set the program for the coming year and discuss needs and new opportunities for the #rawmaterials sector.

PROMETIA and CRM Act

Article 1

1. The general objective of this Regulation is to improve the functioning of the internal market by establishing a framework to ensure the Union's access to a secure and sustainable supply of critical raw materials.

2. To achieve the general objective referred to in paragraph 1, this Regulation aims to:

- (a) strengthen the different stages of the strategic raw materials value chain with a view to ensure that, by 2030, Union capacities for each strategic raw material have significantly increased so that, overall, Union capacity approaches or reaches the following benchmarks:
  - (i) Union extraction capacity is able to **extract the ores, minerals or concentrates needed to produce at least 10% of the Union's annual consumption of strategic raw materials**, to the extent that the Union's reserves allow for this;
  - (ii) Union **processing capacity**, including for all intermediate processing steps, **is able to produce at least 40% of the Union's annual consumption of strategic raw materials**;
  - (iii) Union **recycling capacity**, including for all intermediate recycling steps, is able **to produce at least 15% of the Union's annual consumption of strategic raw materials.**

www.prometia.eu

contact@prometia.eu

Square de Meeûs 38/40
B-1000 Brussels, Belgium

www.linkedin.com/company/prometia

PROMETIA members

Full members:

AdMiRIS
AMPHOS 21 Scientific and strategic environmental consulting
BiotaTec
brgm Géosciences pour une Terre durable
CHALMERS University of Technology
cea
CRM GROUP
CTA
Elkem
enco engineering & consulting
eraMET
eurecat Centre Tecnològic de Catalunya
EXTRACTHIVE Creating value from waste
GTK
Universidad de Burgos
ICCRAM
ICSM
idener Scientific Computing
Łukasiewicz Institute of Non-Ferrous Metals
INP Toulouse
JKU Johannes Kepler Universität Linz
KU LEUVEN
LGi sustainable innovation
LIÈGE université
LUT University
Materials Processing Institute
NOVA School of Science & Technology
orano
Politecnico di Torino
SWERIM
TU Delft
TRISKEM
UPC Universitat Politècnica de Catalunya BarcelonaTech
Université de Lorraine
VTT

PROMETIA members

Associated members:

amira

CMI Critical Materials INSTITUTE

eit RawMaterials Connecting matters

Jack Lifton

NNH

REIA

Scaron Consulting GCV

SIEMCALSA

Waste Management and Recycling Cluster

WEFalck

Permanent observer:

Junta de Castilla y León

Ade Agencia de Innovación, Financiación e Internacionalización Empresarial