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# - PROMETIA -

## Mineral Processing and Extractive Metallurgy for Mining and Recycling Innovation Association

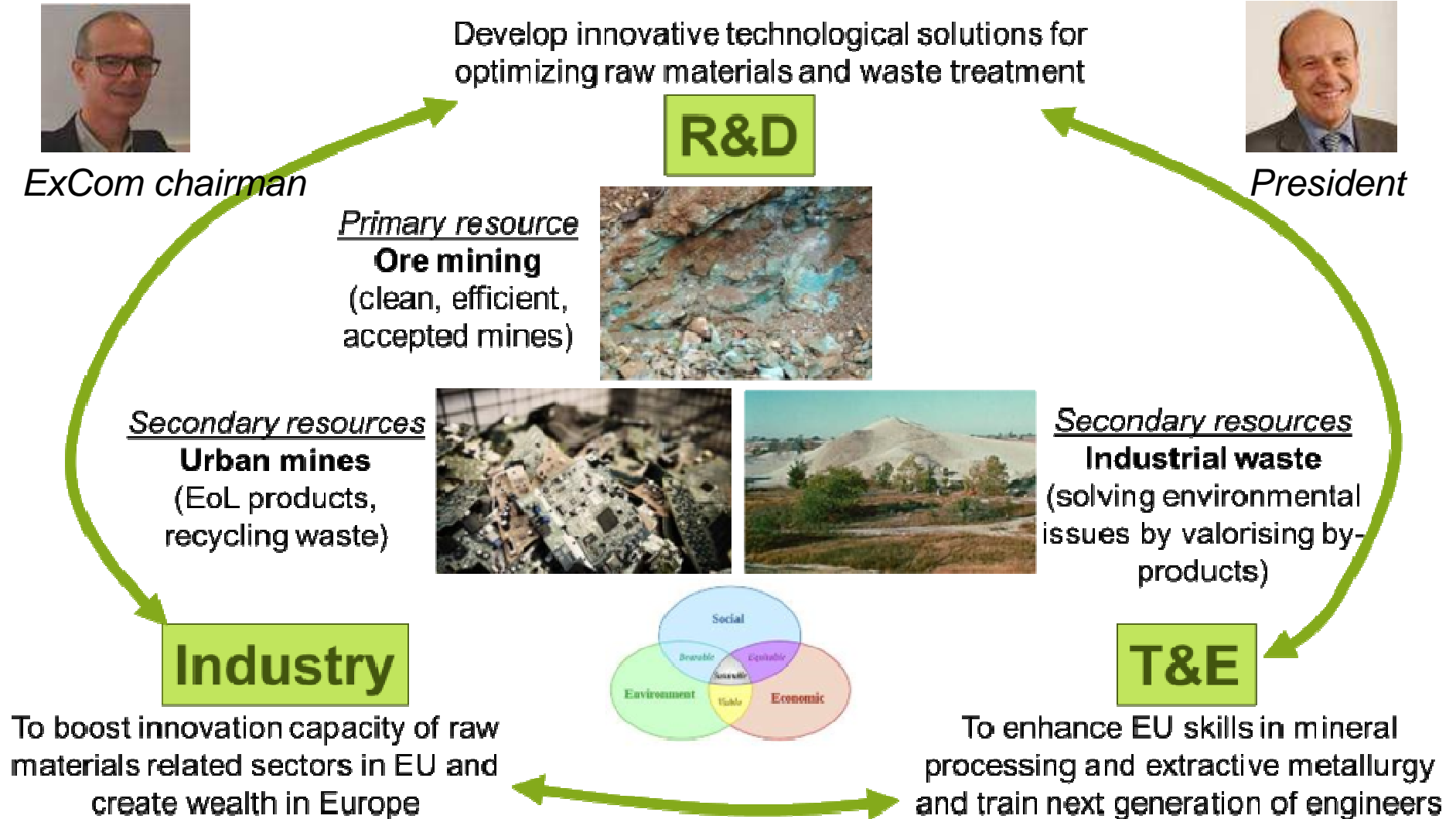
*at a glance*

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**CEA Marcoule**

*Nuclear Energy Division (DEN)  
RadioChemistry & Processes Department (DRCP)*



# PROMETIA what for ?



# Some of the scientific fields of interest within PROMETIA

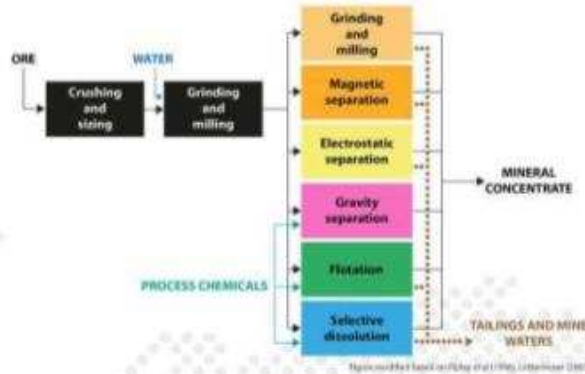
**FROM** basic research to pilot scale demonstration  
modelling to engineering

Process evaluation and optimisation (LCA, LCC...), Market studies...

MINERAL PROCESSING

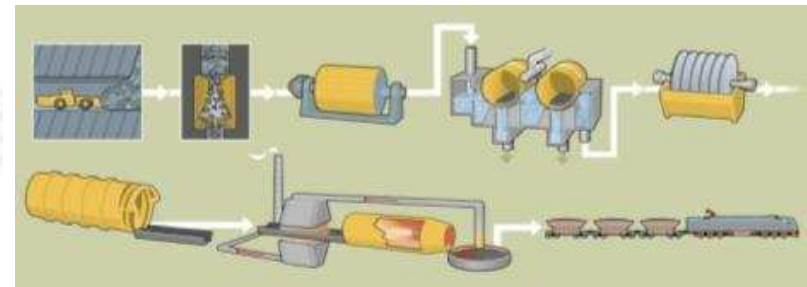
PYROMETALLURGY

HYDROMETALLURGY

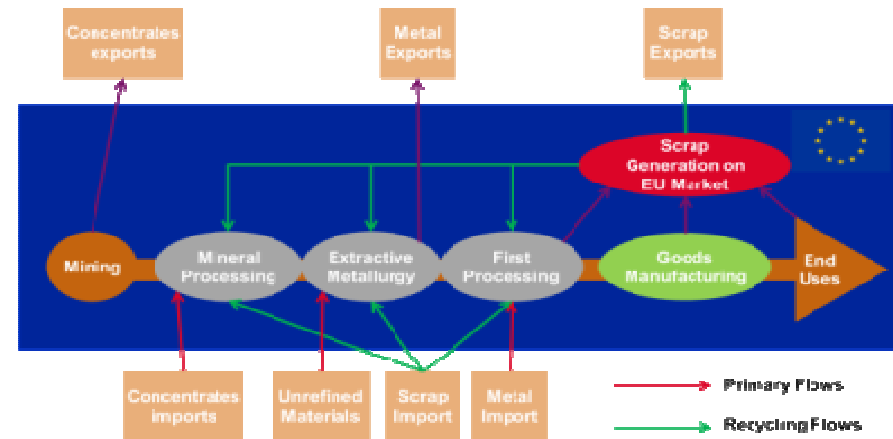
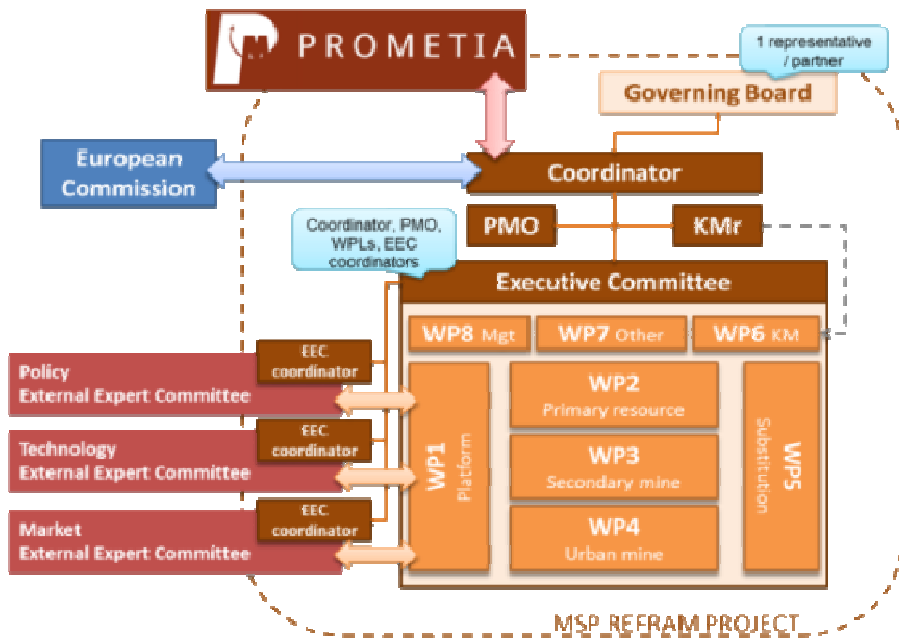


Calcination  
Roasting  
Smelting  
Electroreduction  
...

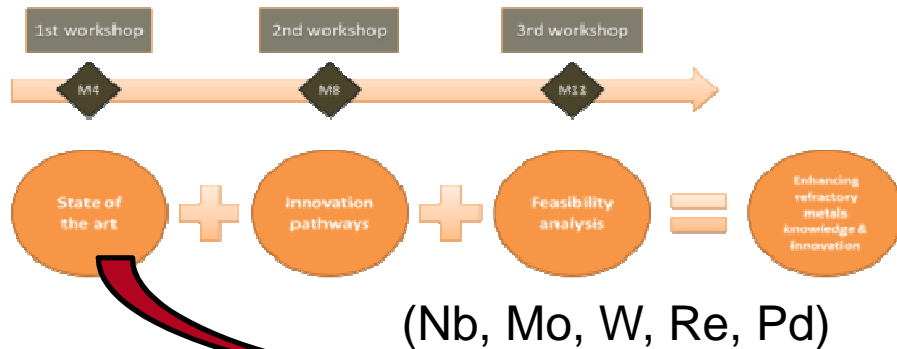
Precipitation  
Distillation  
Solvent extraction  
Electrorefining  
...



## Multi-Stakeholders Platform for a Secure Supply of Refractory Metals in Europe



21 partners, 30 external experts  
12 Countries, 18 Months, 1,5 M€



## Solutions for Critical Raw Materials – An european network



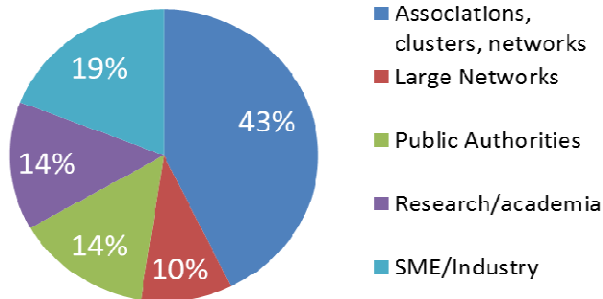
30 Partners in the Consortium + 60 in the wide Network

30 month , 3M€ (call H2020 SC5-15a-2016)

Coordinated by CEA

Built by merging two initiatives, one driven by PROMETIA, the other by former CRM\_INNONET Partners

Will start in December 2016



Create a long lasting European Network orienting the CRM strategy in Europe

# A third success : an increasing number of members

## Academics



## Industry / SME



## Institutes



## Associated Members

- Scaron Consulting
- WE Falck
- Jack Lifton
- WMRC
- SIEMCALSA
- Junta Castilla y Leon



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THANK YOU

