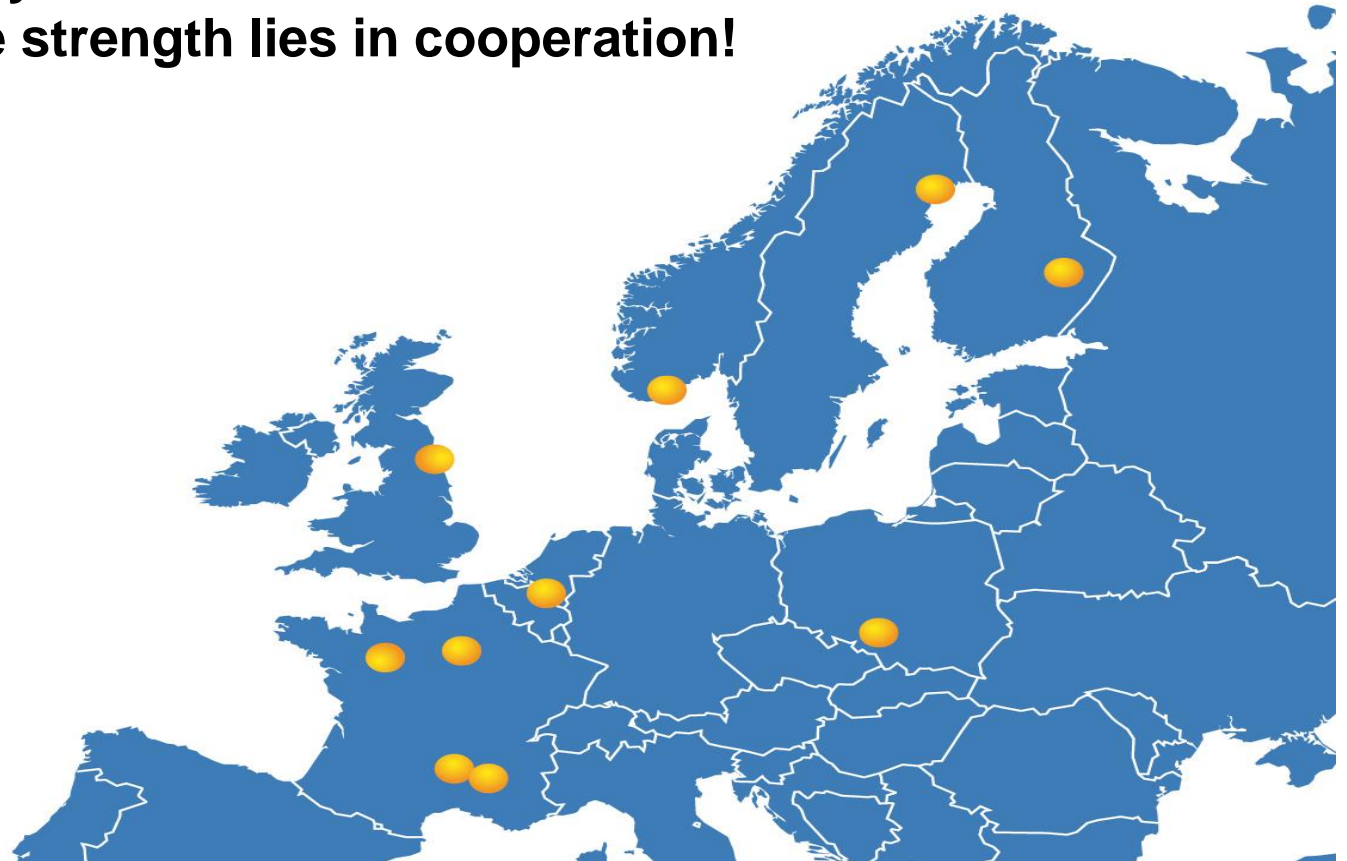


Metnet make Europe's pilot-scale equipment available

No one has all the answers. The best way to create innovative solutions for the industry is to work together. The strength lies in cooperation!

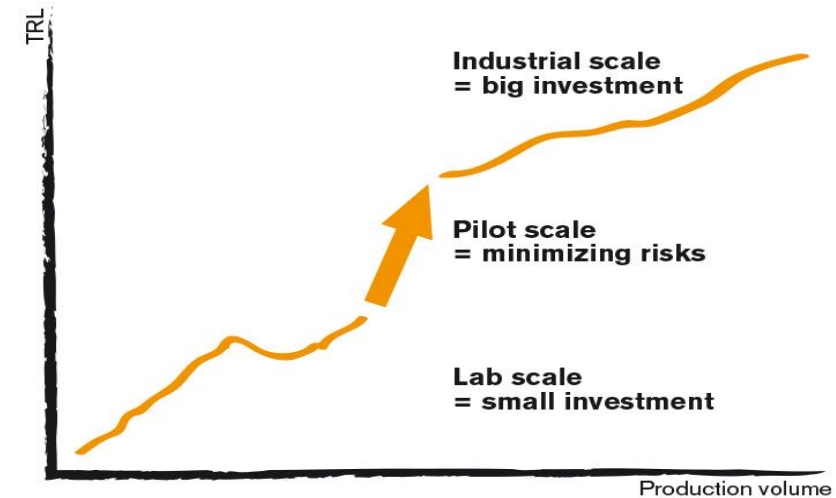
By contacting either of us, you will find the specific competence and equipment you need.

www.metnet.eu



A network for innovative solutions and competitiveness

- Unique testing environment - Processing chain integration by combining expert qualification and pilot plant equipment from different sites
- Development, validation and upscaling of new processes and technologies under industrial conditions
- Mineral and metallurgical upscaling infrastructure - from raw materials to metals



Mineral processing

- Characterisation
- Comminution
- Classification
- Sorting
- Flotation
- Heavy media separation
- Electrostatic separation
- Gravity separation
- Magnetic separation
- Eddy current separation
- Thickening and filtration

Hydrometallurgy

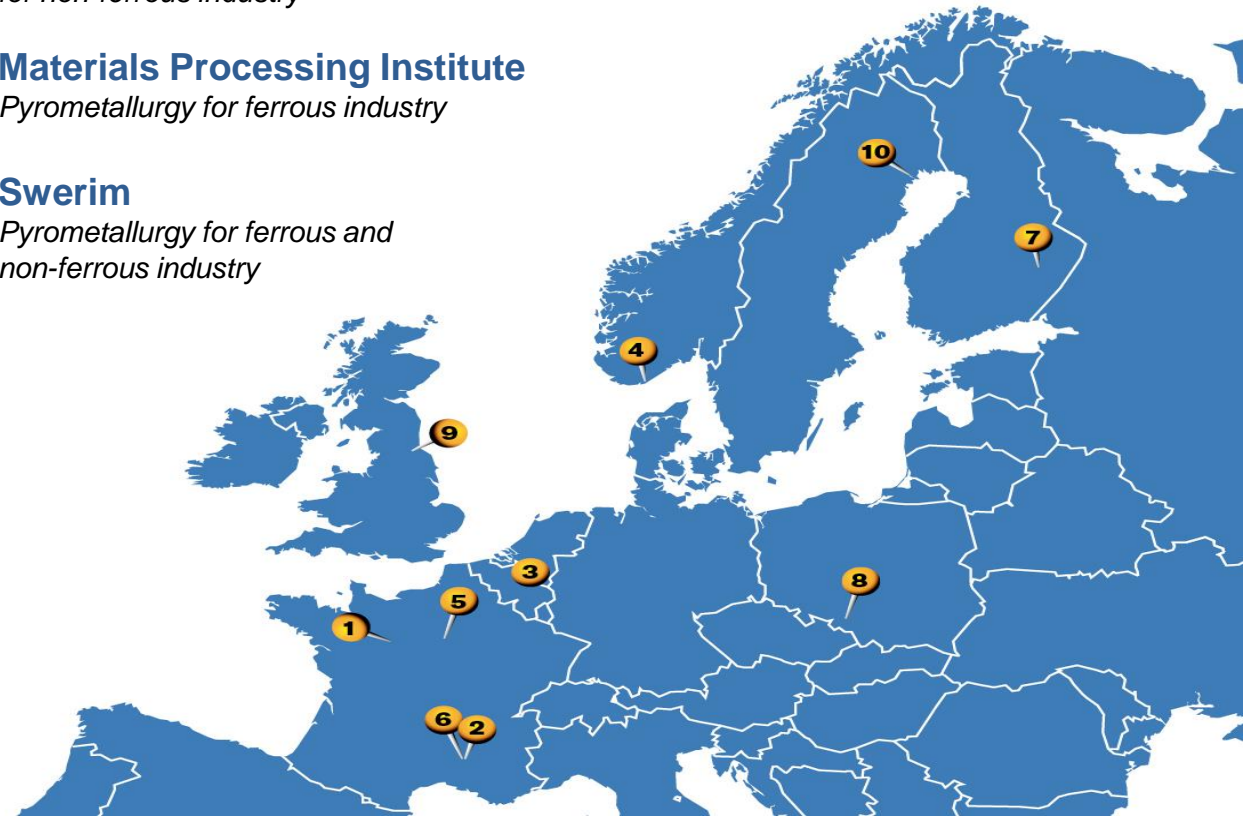
- Characterisation
- Effluent treatment
- Off gas treatment
- Leaching
- Thickening and filtration
- Precipitation/crystallization
- Solvent extraction
- Ion exchange
- Evaporation
- Electrowinning, electrorefining

Pyrometallurgy

- Characterisation and process control
- Off gas treatment
- Infrastructure and support
- Material preparation
- Thermal processing
- S(melting)
- Casting and solidification

The strength lies in cooperation

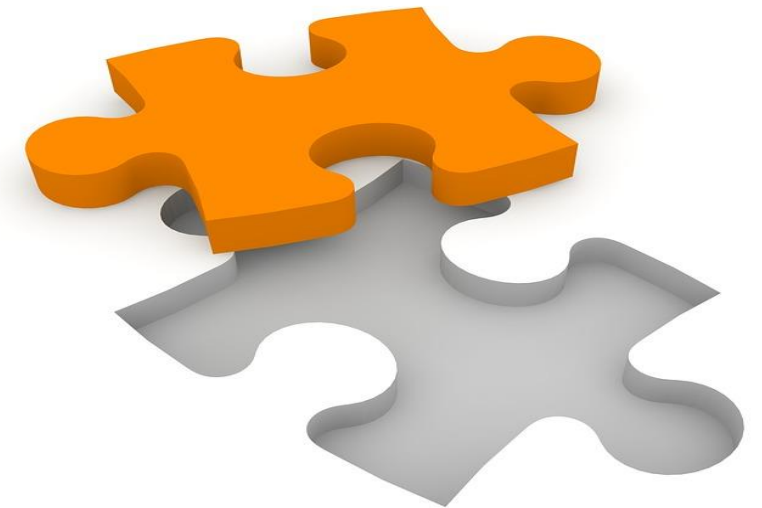
- 1. BRGM**
Processing of minerals and secondary materials
- 2. CEA**
Hydrometallurgy for non-ferrous industry
- 3. CRM**
Pyrometallurgy for ferrous and non-ferrous industry
- 4. Elkem Technology R&D Technical Center**
Pyrometallurgy for ferrous and non-ferrous industry
- 5. Eramet Research**
Mineral processing, hydro- and pyrometallurgy for ferrous and non-ferrous industry
- 6. Extractive**
Mineral processing and hydrometallurgy for non-ferrous industry
- 7. GTK**
Processing of minerals and secondary materials
- 8. IMN**
Mineral processing, hydro- and pyrometallurgy for non-ferrous industry
- 9. Materials Processing Institute**
Pyrometallurgy for ferrous industry
- 10. Swerim**
Pyrometallurgy for ferrous and non-ferrous industry



Industrial support organisation (ISO)

Supports Metnet to develop the offer and improve service to customer by identifying needs and trends of industry.

- Arcelor Mittal
- A.V Dawson
- Boliden (pyro)
- British Steel
- CASPEO
- Eurotab
- EYDE cluster
- Ferrovan oy
- Harsco
- Innovator
- Keliber
- Reactive Metal Particles
- SSAB Europe
- SUEZ Belgium
- Tata Steel, Europe
- TEGma
- ZGH Boleslaw
- ZM Silesia SA



Next steps

- Extended services
 - Upscaling consultancy directed to SME and start-ups
 - Interaction with academia for practical courses of industrial development and scale-up
 - Training aimed at technical and operational staff in the industry
- Prometia - Mineral processing and extractive metallurgy for mining and recycling innovation association