Fostering international raw materials cooperation

1 MAPPING
- best practices in the reference countries

2 PROGRAMMING
- how to "translate" the identified best practices to the European context

3 IMPLEMENTATION
- set and launch the European Union’s raw materials intelligence infrastructure, operating internationally

BACKGROUND
- The global demand for mineral raw materials stands at the bottom of a new growth curve and it is assumed that by 2030 the worldwide need for mineral raw materials will have doubled.
- Safeguarding mineral raw materials supply will be a challenge for the European Union and to all other technologically advanced countries.

BENCHMARKING

BASIC DETERMINANTS
1. Rule of law
2. Stable institutions
3. Availability of skilled workforce
4. Competitive energy prices
5. Transport infrastructure
6. Availability of capital markets and risk finance

SPECIFIC CONDITIONS
a) Rich mineral endowment
b) Proximity and access to large markets

COMPETITIVE ADVANTAGES
1. Access to land
2. Stable mining regulatory framework and tax regime
3. Public-reliable geological data
4. Low population density
5. Government support

APPROACH
Map best practices and boost cooperation opportunities on mineral raw materials between the European Union, Australia, Canada, Japan, South Africa and the United States in response to similar global challenges.

PROJECT COORDINATOR
European Federation of Geologists (EFG) / Belgium

CONSORTIUM
Council for Scientific and Industrial Research (CSIR) / South Africa - University of Exeter (UNEXE) / United Kingdom - Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e.V. (Fraunhofer) / Germany - Fundação para a Ciência e a Tecnologia (FCT) / Portugal - Geological Survey of Slovenia (LPRC) / Slovenia - La Palma Research S.L. (LPRC) / Spain - University of Miskolc (MUI) / Hungary - Pan-European Reserves & Resources Reporting Committee (PERC) / Belgium - MinPol / Austria - Recifemetal - Reciclagem de Ferros e Metais S.A. (Recifemetal) / Portugal - Resources Computing International Ltd. (RCI) / United Kingdom - American Geosciences Institute (AGI) / USA

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Read more about the contextual analysis of the reference countries Australia, Canada, Japan, South Africa and USA at http://intraw.eu/publications