

MICA – INTRAW – MINATURA2020



Prof. W. Eberhard Falck

WEFalck Scientific Advisory Services, 1 rue de Béarn, F-92210 Saint-Cloud, France

wefalck@wefalck.eu

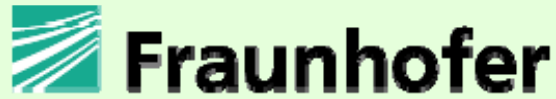
- To map best practices and boosting cooperation opportunities on raw materials with technologically advanced non-EU countries - Australia, Canada, Japan, South Africa, and the USA
- To understand responses to similar global challenges
- To launch the *European Union's International Observatory for Raw Materials*
- As a permanent international body, the *Observatory* will aim after the project completion for the establishment and maintenance of strong long-term relationships with the world's key players in raw materials technology and scientific developments.
- Its core activities will be to monitor continuously cooperation possibilities and to promote these through funding schemes and incentives between the EU and other technologically advanced countries.

- **Compilation of ,country reports‘ for Australia, Canada, Japan, South Africa, and the USA that**
 - describe the historical, geographic, mineral resources, socio-cultural, and economic context
 - describe how these countries meet their (strategic) raw materials needs
- **Based on best practices identified in the target countries, cooperation strategies are developed, giving attention to**
 - communication methods and tools
 - regular and systematic market monitoring,
 - export-import policies,
 - foreign cooperation,
 - taxation incentive programmes,
 - research/industry cooperation, and
 - skills training.
- **A strategy and ,business plan‘ for the *European Union’s International Observatory for Raw Materials* is being developed**



- **Various initiatives aim to align the increasing requirements for environmental and social best practices in the mining industry with the rising demand for mineral raw materials**
- **As a consequence there is an urgent need to satisfy the information and intelligence requirements of a large range of stakeholders in order to provide the best possible basis for decision-making**
- **This issue is at the heart of the MICA project.**
- **www.mica-project.eu**

- **Needs: Stakeholder identification, collection and mapping of stakes**
- **Data: Data for raw materials intelligence capacity**
- **Methods: Methods and tools for mineral intelligence**
- **Policies: Minerals policy context now and in the future**
- **Final Product: The European Raw Materials Intelligence Capacity Platform (EU-RMICP)**



British Geological Survey

NATURAL ENVIRONMENT RESEARCH COUNCIL



Universiteit Leiden



Geosciences pour une terre-durable

brgm



- **To develop a concept and methodology for the definition and subsequent protection of *Mineral Deposits of Public Importance***
- **To ensure their “best use” in the future**
- **To be included in a harmonised European regulatory/guidance/policy framework**
- **to contribute towards ensuring the protection of MDoPI through appropriate safeguarding in the EU**

- **<http://minatura2020.eu>**

- **Development of a working definition for MDoPI:**

A mineral deposit is of public importance where information demonstrates that it could provide sustainable economic, social or other benefit to the EU (or the member states or a specific region/municipality)

- **Development of an algorithm to delineate MDoPI taking into account geological, technical, economic, and societal aspects**
- **This algorithm will be applicable accross the EU, but different jurisdiction will have to give the variables different weights according to underlying and competing societal and economic policies**
- **Extensive testing in various stakeholder fora**

