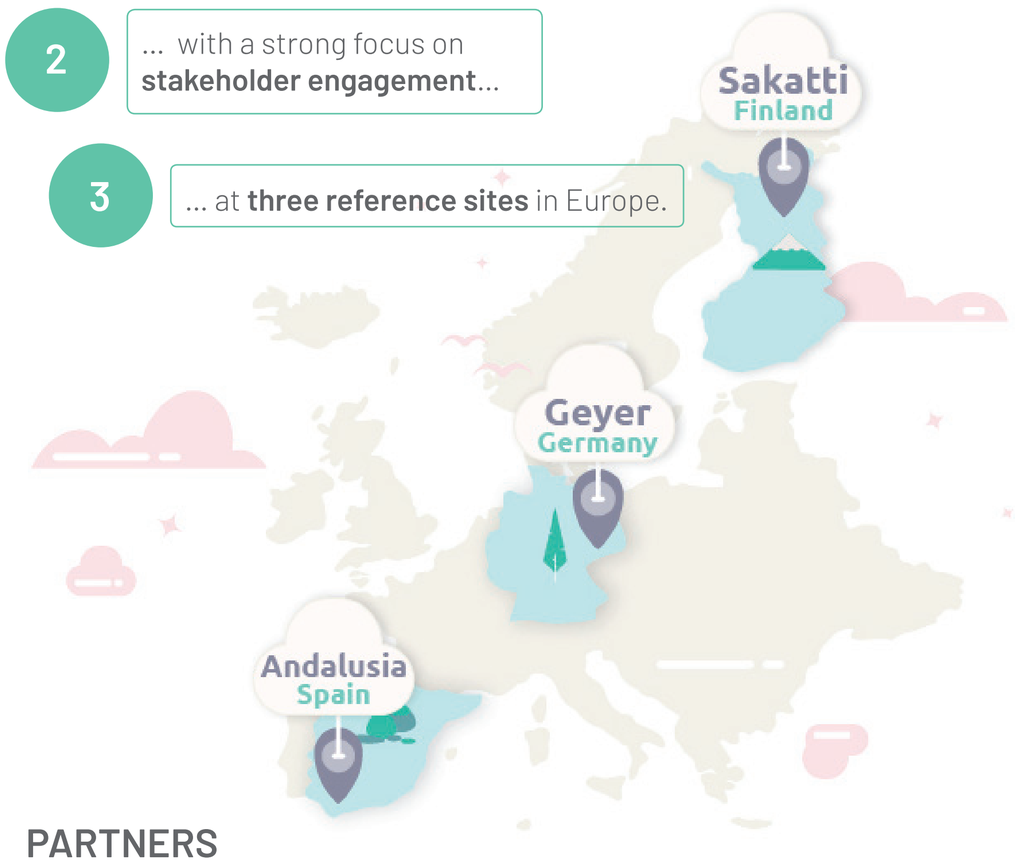
INFACT

Innovative, Non-Invasive and Fully Acceptable Exploration Technologies

THE PROJECT IN A NUT-SHELL

1. Benchmarking of **innovative non-invasive mineral exploration** techniques...
2. ... with a strong focus on **stakeholder engagement**...
3. ... at **three reference sites** in Europe.



PARTNERS

COORDINATOR

HZDR

HELMHOLTZ ZENTRUM DRESDEN ROSSENDORF

SOCIAL DIALOGUE & ENVIRONMENT

DIALOGIK · SYKE · CLAVE · UNIVERSITY OF EASTERN FINLAND

IMPLEMENTATION & BUSINESS MODEL

Agencia IDEA · Fraunhofer

TECHNICAL DEVELOPMENT & EXPLORATION

GEOTECH AIRBORNE GEOPHYSICAL SURVEYS · Atalaya MINING · supracon · srk exploration · AARHUSGEO · OULU MINING SCHOOL · CLC · Geomap · ANGLO AMERICAN

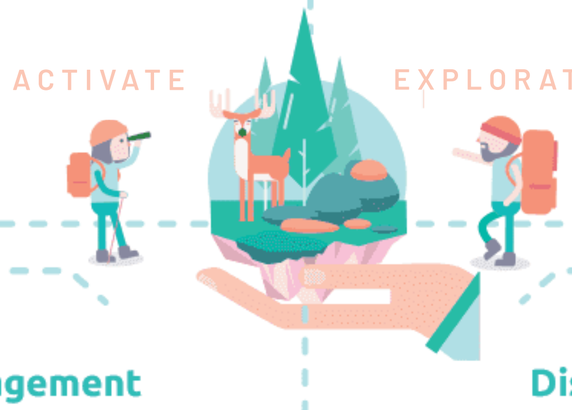
APPROACH

Despite its rich history of mining and residual mineral wealth, current conditions within the EU present a number of social, political, legislative, economical, technical and physical obstacles to mineral exploration: obstacles to be overcome by innovation, dialogue and reform.

To address these barriers, the Innovative, Non-invasive and Fully Acceptable Exploration Technologies (INFACT) project brings together a broad range of stakeholders, all concerned about Europe's mineral raw materials security.

01 Project Coordination

ACTIVATE EXPLORATION



02 Stakeholder Engagement

- Raising awareness of sustainable exploration methods among local communities and building public trust;
- Engaging with a wide range of stakeholders: civil society, state, research, technology development, service industry and exploration industry;
- Facilitating access to prospective but currently under-explored areas thanks to an improved social license to operate.

03 Discovery Roadmap

Turning Europe into a more attractive target for sustainable mineral exploration by:

- Analysing the barriers to exploration in order to provide recommendations for policy reform and plans for improved availability of quality exploration data;
- Identifying educational gaps and enhancing the knowledge about innovative, environmentally friendly and safer exploration approaches;
- Developing a shared vision of best practices for mineral exploration.

ESTABLISH REFERENCE SITE FACILITIES

04 Reference Benchmarks

- Gathering existing data and acquiring high-density ground geophysical data for a portfolio of relevant geological benchmarking targets across the reference sites;
- Designing an environmental, social and technical benchmarking framework.

05 Innovative Technologies

- Testing innovative, non-invasive exploration technologies at the three reference sites in industry-relevant environments.

06 Business Model

- Addressing short-term commissioning, subsequent operation and long-term sustainability of the reference sites;
- Providing answers to key sustainability elements like independence, continuing relevance to industry and potential for growth, credibility, social license to operate, effective operation protocols, financing, ease of use and cost-effectiveness.

07 Impact Creation

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