

# INFACT

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INNOVATIVE NON-INVASIVE & FULLY  
ACCEPTABLE EXPLORATION TECHNOLOGIES

Marko Komac, Isabel Fernandez and Vitor Correia  
EuroEuropean Federation of Geologists

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# INFACT - OVERVIEW

## PRESENTATION OVERVIEW

- BACKGROUND
- CONSORTIUM
- PROJECT IN A NUT-SHELL
- APPROACH
- PROJECT STRUCTURE
- CONCLUSIONS

# INFACT - BACKGROUND

## INFACT – Innovative, Non-Invasive and Fully Acceptable Exploration Techniques

- EU has **rich history of mining and residual mineral wealth**
- Current conditions present a **number of social, political, legislative, economical, technical and physical obstacles to mineral exploration**
- → **Challenges...**
- → 
- INFACT project **brings together** a broad range of **stakeholders**, all concerned about Europe's mineral raw materials security to address and overcome by **innovation, dialogue and reform.**



# INFAC T – PARTNERS

## COORDINATOR



- 17 project partners
- 16 Linked Third Parties
- Observers

## SOCIAL DIALOGUE & ENVIRONMENT



## IMPLEMENTATION & BUSINESS MODEL



## TECHNICAL DEVELOPMENT & EXPLORATION



# INFACT – IN A NUT-SHELL

## THE PROJECT IN A NUT-SHELL

1

Benchmarking of innovative non-invasive mineral exploration techniques...

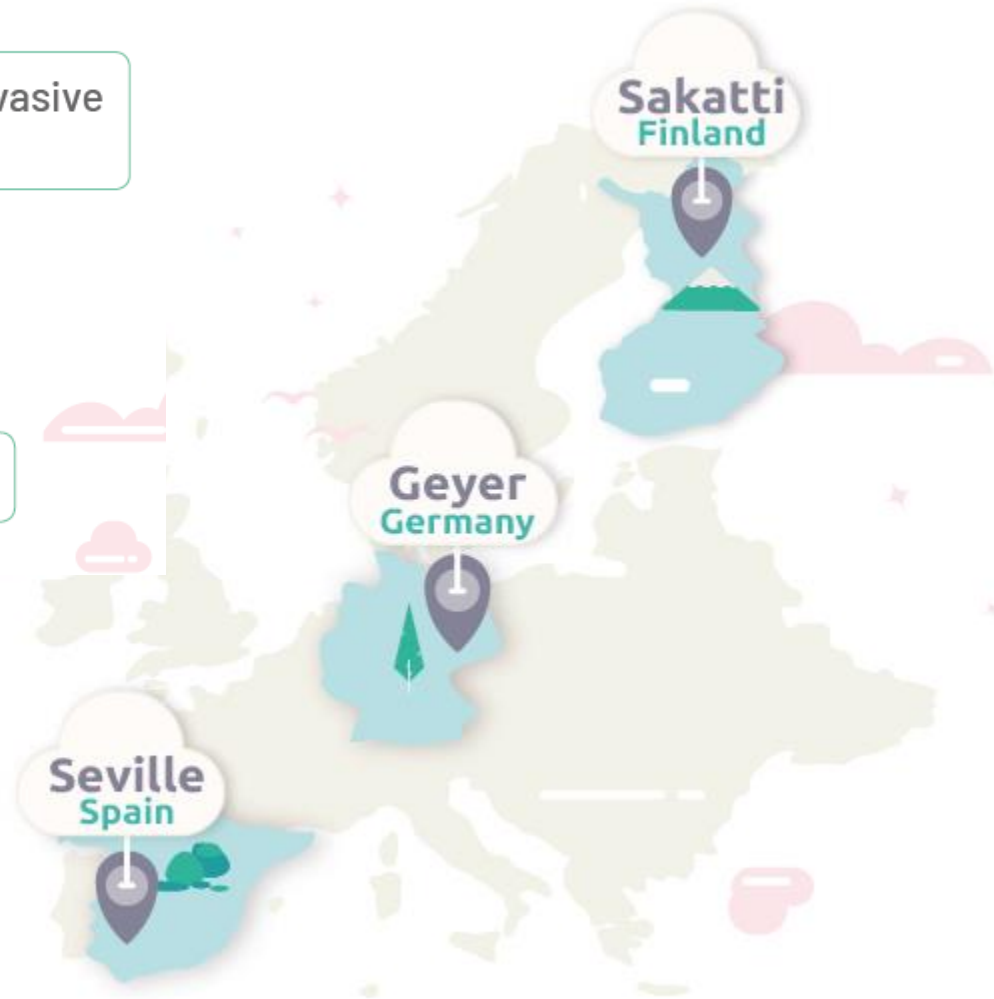
2

... with a strong focus on stakeholder engagement...

3

... at three reference sites in Europe.

- INFACT aims to **facilitate access to prospective locations** that have remained under-explored due to technical, physical, social or cost restrictions.
- Time span NOV 2017 – OCT 2020



# INFACT - APPROACH (1)

- Recognising that **the future of sustainable exploration requires a reduction in environmental and social disturbance**
- Focus of INFACT project is on **innovative exploration techniques that are 'non-invasive'** (airborne geophysics and remote sensing).
- The project includes **investigation of the social aspects of raw materials exploration by integrating technological innovation and stakeholder engagement** (encompassing local communities, wider society and industry) in order to
- **Encourage best-practice exploration conduct, measure public perceptions and improve relevance** to industry and society alike



## INFACT – APPROACH (2)

INFACT is comprised of the following main components:

- **Development and test of innovative, environmentally and socially ‘acceptable’ exploration technologies** and processes - in an industrially-relevant environment,
- Foundation of EU Test Sites for **demonstration, benchmarking and certification of new technologies and analysis of public awareness and opinion** in the south, middle and north of Europe, and
- **Stakeholder engagement and education:** exploration practitioners, policy-makers and wider society.



# INFAC – PROJECT STRUCTURE (1)





# INFACT – PROJECT STRUCTURE (2)



# INFACT – CONCLUSIONS

- INFACT project tackles challenges that raw minerals exploration projects face around the globe,
- In addressing these in a holistic way, including SLO and modern techniques, RM exploration could overcome several (but not all) big challenges that's faced with today →
- Public acceptance
- Better understanding of mineralisation/ores



# THANK U 4 U-R @10TION!

Contact:

[m.komac@telemach.net](mailto:m.komac@telemach.net)

[projects@eurogeologists.eu](mailto:projects@eurogeologists.eu)

