



EGT-TWINN

Enhancing research capacity at the Geological Survey of Estonia to accelerate the country's transition to green energy

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EGT-TWINN project main data:

- Project duration: 36 months (01.01.2023 – 31.12.2025)
- Call: HORIZON-WIDERA-2021-ACCESS-03 Twinning
- Grant agreement ID: 101079459

Project partners:

- Geological Survey of Estonia (EGT; project coordinator)
- Geologian Survey of Finland (GTK)
- Geological Survey of Denmark and Greenland (GEUS)
- University of Oulu / Oulu Mining School (UOULU)
- United Kingdom Research and Innovation (British Geological Survey – BGS; an associated partner)



Funded under Widening Participation and Spreading Excellence

UK Grant number: 10039270 (British Geological Survey)

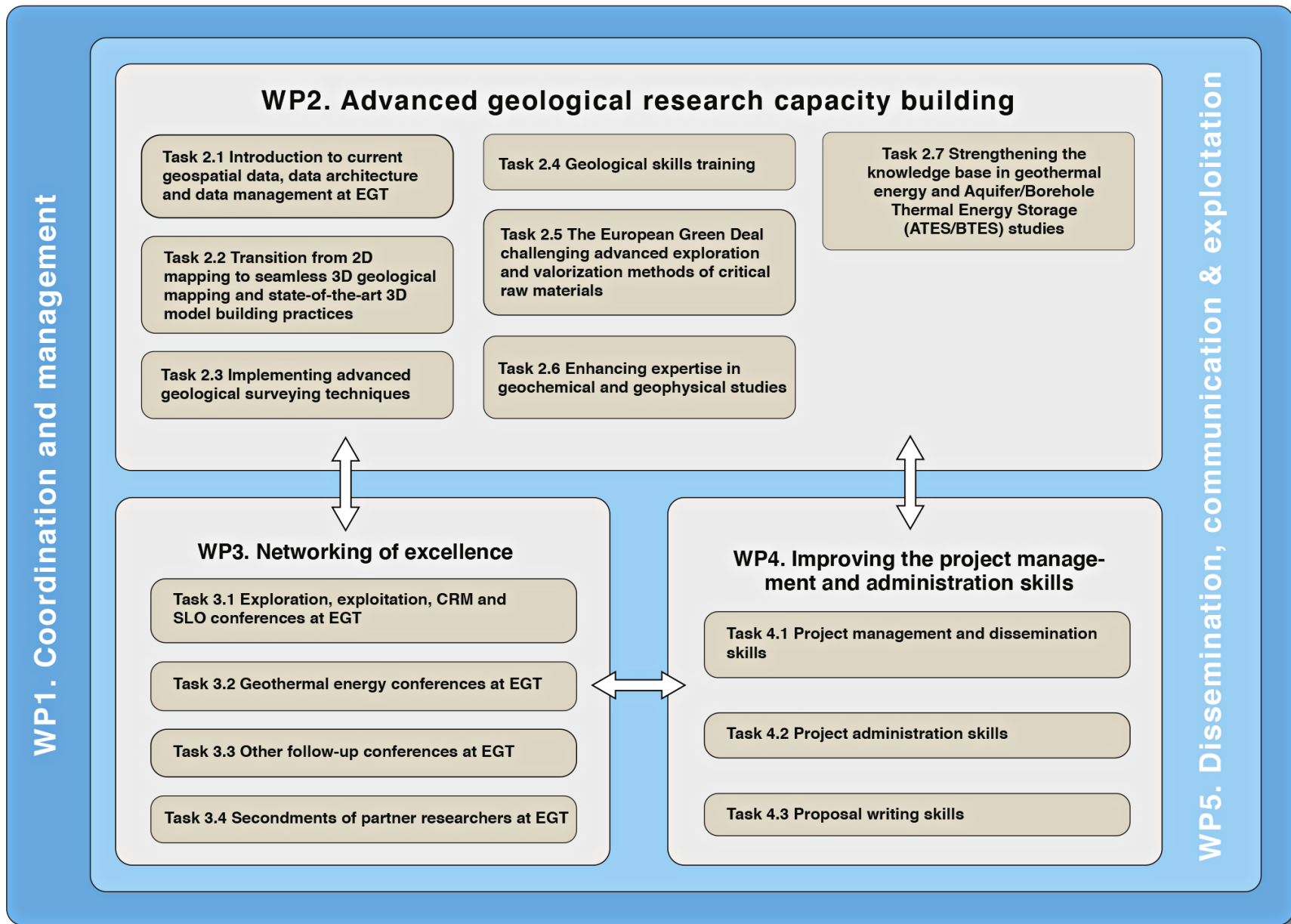
Total budget: 1 499 866 €

EU funding: 1 202 172,50 €

UK funding: 297 693,50 €

The main objective of the EGT-TWINN project is to significantly strengthen the research and scientific excellence capacity among researchers at EGT via state-of-the-art geological knowledge exchange in the following fields:

1. Geological, geochemical and geophysical surveying techniques
2. 3D geological modelling
3. Digital capture, management & dissemination of geological data
4. Critical raw materials exploration
5. Geothermal energy prospectivity
6. Social License to Explore & Social License to Operate



INPUTS

- consortium expertise in advanced geological research capacity building and networking of excellence (99 person-months)
- EGT's workforce (74 person-months) and existing geological and geothermal energy data
- research infrastructures and material resources (**GTK**: geoenery facilities, research laboratory, mineral processing pilot. **UKRI**: Geo-laboratories, hydrothermal laboratory, borehole testing capability, **UOULU**: Oulu Mining School Research Centre, Centre for Material Analysis)

ACTIVITIES

- trainings, workshops and staff exchange (37 events)
- access to FI-UK-DK research infrastructures (25 researchers)
- joint field work, mentored by experts from GTK, GEUS, UKRI and UOULU
- project conferences (5), stakeholder engagement
- dissemination and outreach activities other than peer-reviewed publications (website, press releases twice per year, social media with regular updates in Twitter and in LinkedIn)

OUTPUTS

- project deliverables (18)
- policy briefs (4) focusing on:
 - the work of a geological survey
 - critical raw materials
 - geothermal energy
 - environmental geochemistry
- open-access scientific publications (5)
- presentations on geoscience conferences and workshops (>20)

OUTCOMES

- long-term institutional strengthening of EGT
- enhanced national geological capability for research innovation
- establishing new European networks for research, industrial and institutional stakeholders
- stimulating young researchers for a professional career
- raised awareness of political decision makers and the society
- new knowledge passed, improved training

Tänan!

