WP3:
Exchange of experiences between partners in the field of low- and medium-temperature heating

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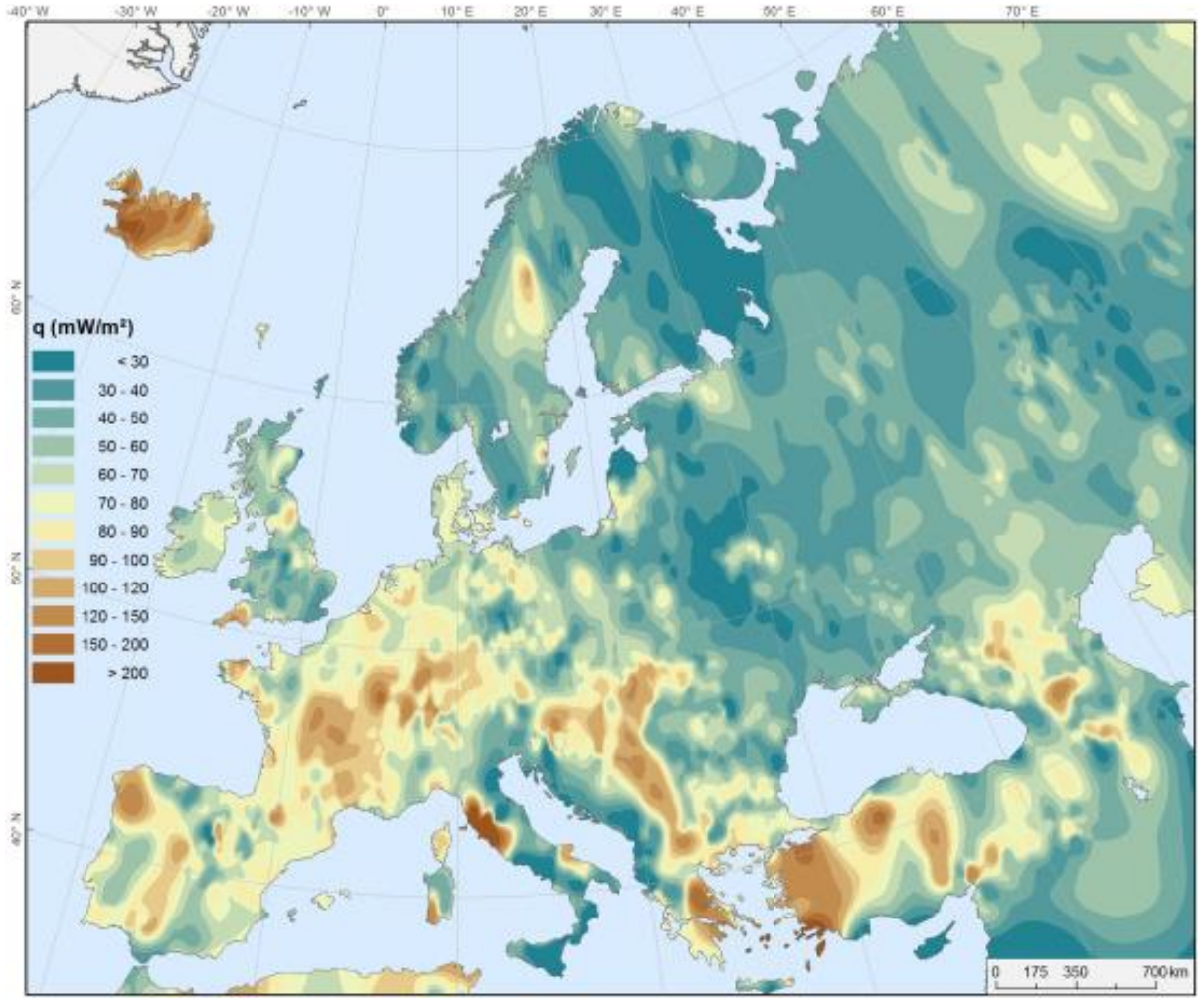
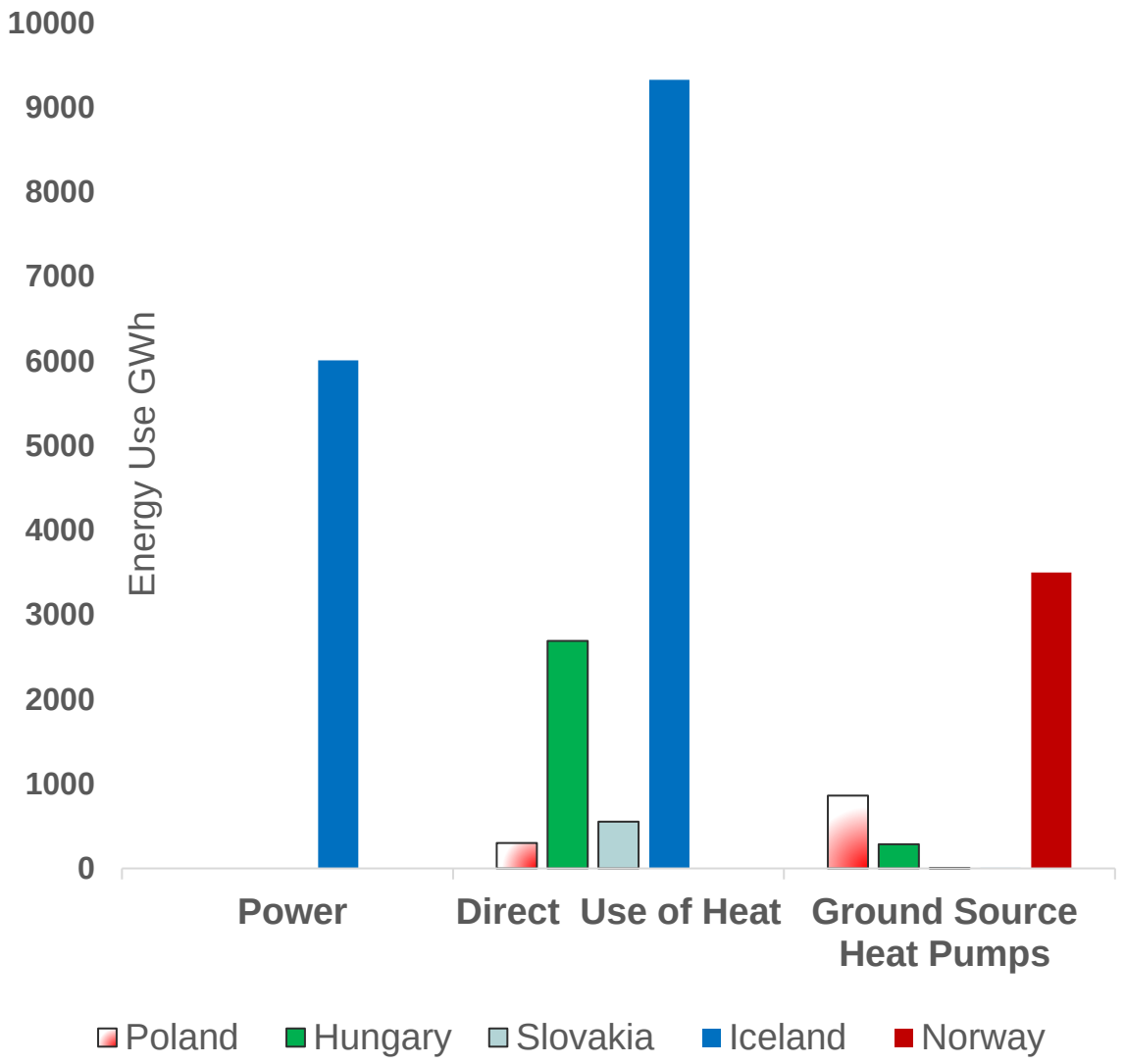
Heat flow map of Europe & use of geothermal energy



S. Hurter, R. Haenel Atlas of geothermal resources in Europe (2002)



Site visit Iceland 26-28 April 2022

- How Iceland has utilized its geothermal resources.
- Spin off markets and industries based on cheap geothermal heat and electricity
- Developing of more energy energy-efficient high temperature geothermal energy technologies.

Photos: User4GeoEnergy

Site visit Norway 23-25 May 2022

- How Norway has utilized its low-temperature geothermal resources.
- Underground Thermal Energy Storage (UTES) and Ground Source Heat Pump Applications
- Utilization of low-temperature 6-8°C groundwater for heating and cooling

Photos: User4GeoEnergy

Comparison of geothemal energy in Poland, Hungary, Slovakia, Iceland and Norway

Ongoing study:

- Resources
- Technology Readiness Assessment (TRA)
  - Application and energy technology
- Societal Embeddedness Assessment *
  - Environment
  - Stakeholder involvement
  - Policy and Regulations
  - Market and Financial Resources

*Mendrinos et al. 2022 Understanding societal requirements of subsurface resources exploitation projects: Societal Embeddedness Level assessment methodology, its application in 4 CCS National case studies and implications for the geothermal industry. European Geothermal Congress, Berlin Oct 2022

Thank you. Takk.

Merci. Gracias. Obrigado.

NORCE