

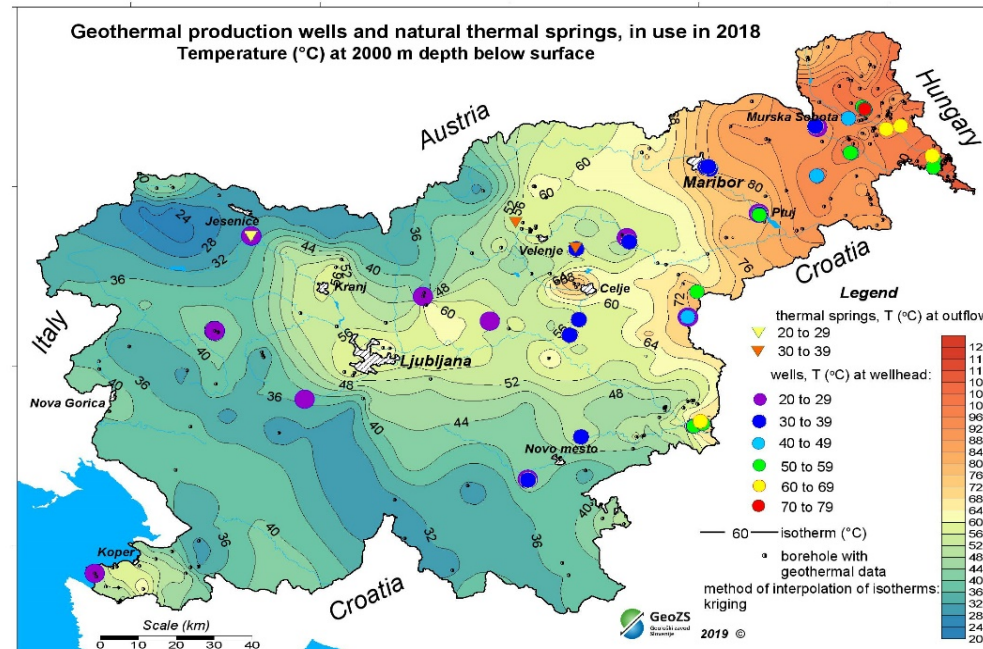
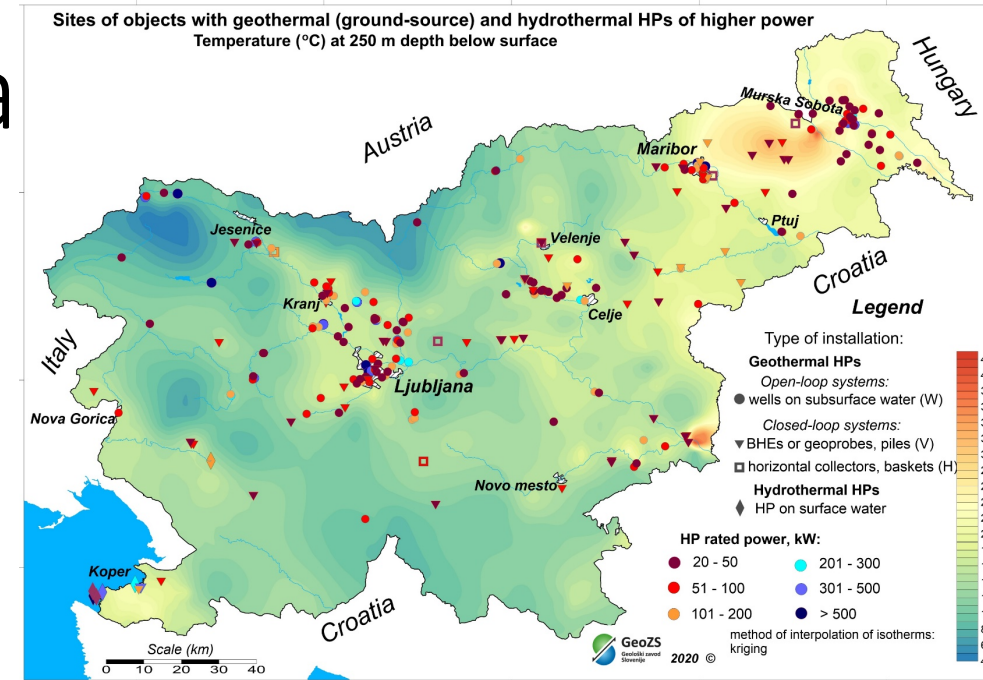
# GEO THERMAL POTENTIAL OF SLOVENIA

GEORISK, September 2021

# Geothermal potential of Slovenia

- Vast for shallow GT, various technologies
- High for direct TW use in NE and SE Slovenia (Pannonian basin)
- Highest currently used water temperatures 75 °C
- Highest measured temperature 202 °C at 3,8 km depth
- Some areas and depths below 2 km still poorly explored

Boreholes, deeper than 1 km





# Challenges:

- Active boreholes are decades old – need for make-up wells
- One active thermal water reinjection well – need for new doublets
- High potentials and good aquifer capacity in East Slovenia – possibility for new investments in heat production (water up to 70 °C) and cascade use
- Indicated potential for electricity in carbonates at 4 km in E Slo (202 °C)
- Many abandoned oil wells – possibility of deep geoprobe installations
- High interest for TWINNING and knowledge transfer projects (on exploration methods, heat and cascade technology, exploration risk management and financing options)