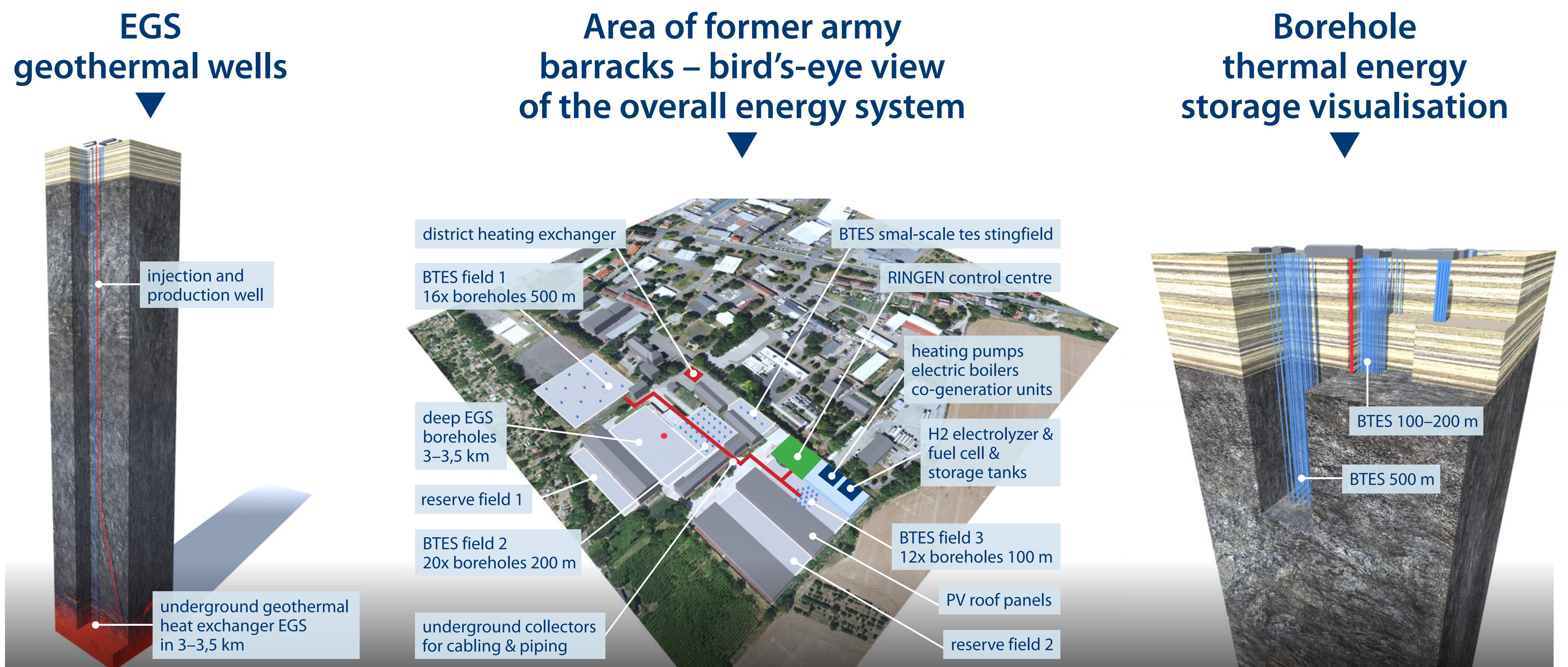


Joint CROWD THERMAL, Geothermal-DHC and Soil2Heat and event at the European Geothermal Congress 2022, 17-21 October 2022, Berlin

First Geothermal District Heating and Cooling Day event: "Bringing Geothermal heating and cooling networks closer to the people"

SYNERGYS

first integrated deep and shallow geothermal project in Czechia – Litoměřice



Project fact sheet

Total costs	€ 50 million (EU Just transition fund)
Timeline	2023–2027
Leader	Czech geological survey – RINGEN
Main outputs	<ul style="list-style-type: none"> • a complex testing area with experimental novel energy sources and scientific background with up to 50 shallow wells (100–500m) and 2 deep wells (~ 3–3,5 km) • enhanced geothermal (EGS) plant up to 5 MWt output/35 GWh • underground thermal energy storage BTES – up to 5 GWh capacity/1,5MWt • integrated geoenergy laboratory • photovoltaic system hybrid PV panels (~250 kW) (combined heat&electricity) • H2 unit (0,5MW/10t) & fuel cell unit (100 kW) for all-year electricity coverage • first training centre for geoenergy and related fields • unique data and information available in open access regime • many other technologies integrated (HT heat pumps, co-generation units etc.) • systems for energy synergies

