

Ledenbijeenkomst geothermie Nederland

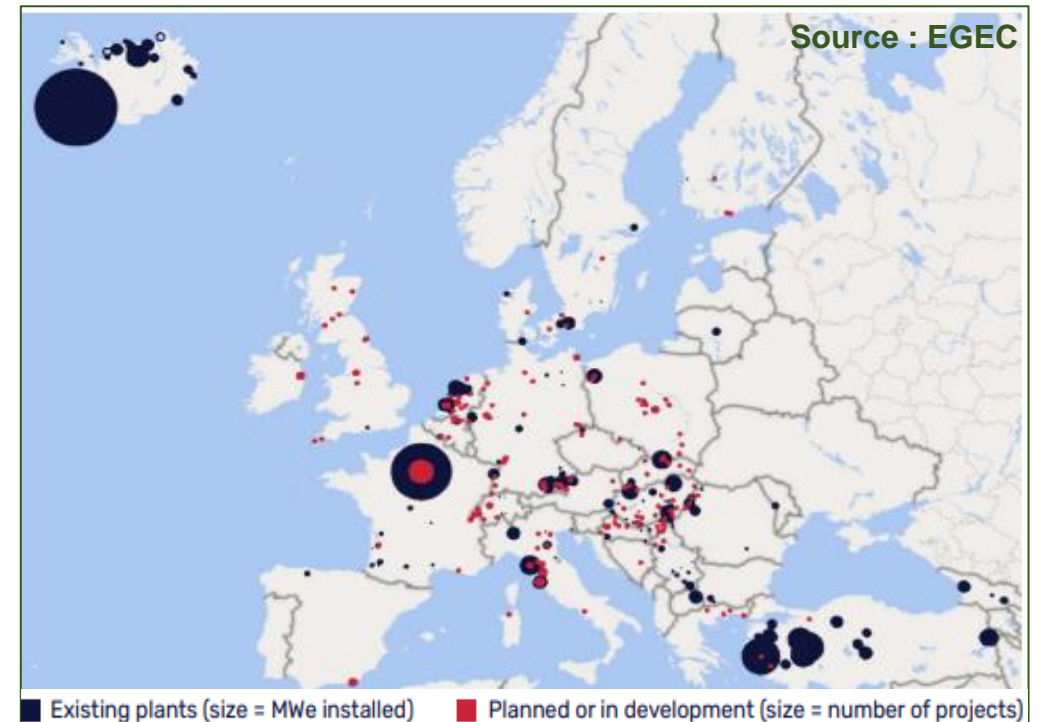
Ingezette innovatie initiatieven

13 april 2023



GEOHERMAL HEATING IN EUROPE

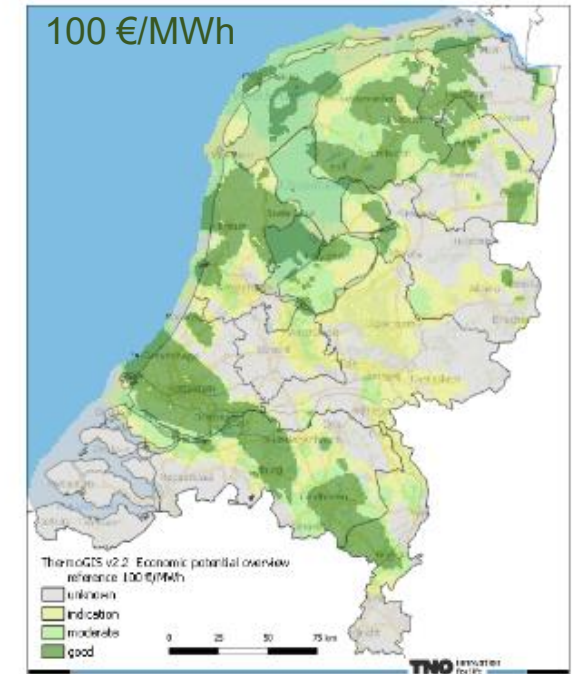
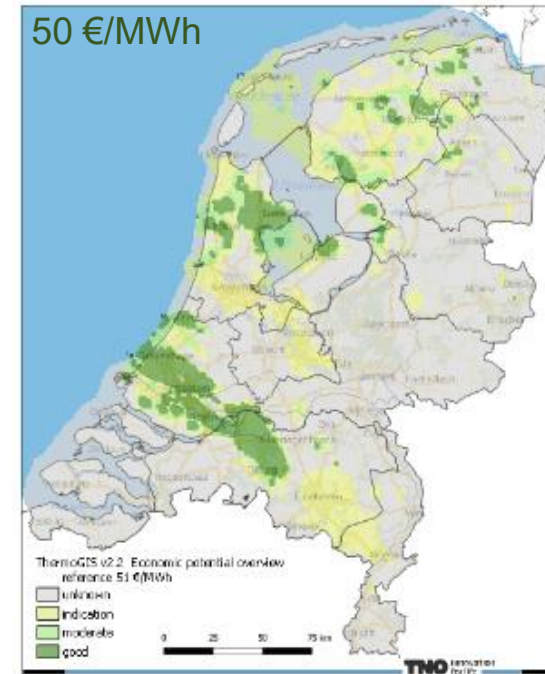
- 5.6 GWth (installed capacity)*
- 364 geothermal district heating systems in operation
- More than triple geothermal heat production by 2030 (EGEC)



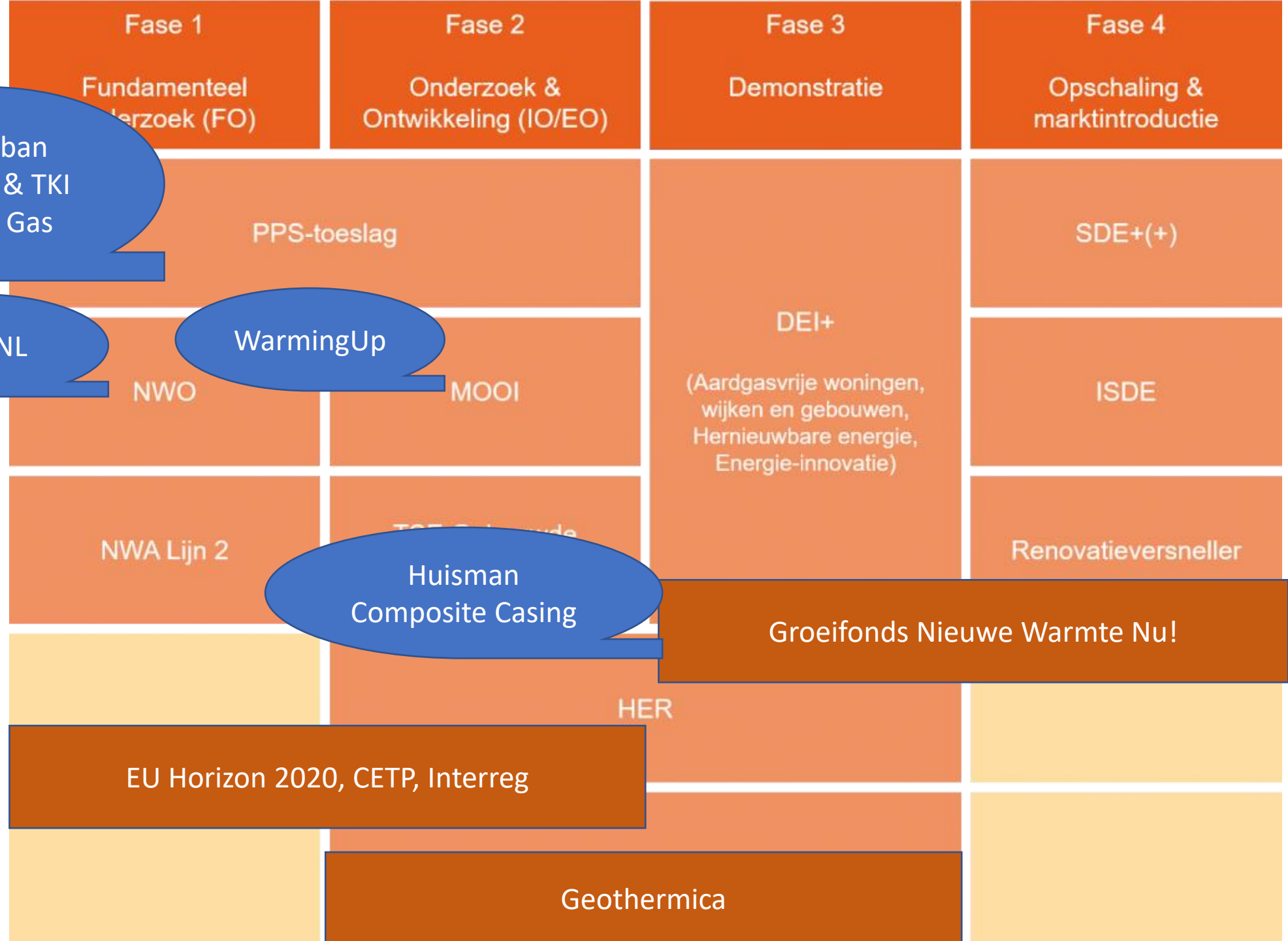
*10 MW (50 GWh/y) reference geothermal plant in Netherlands

GEOHERMAL HEATING IN EUROPE developments

- Energy prices & Energy independence
- System integration & heat storage
- Closed loop systems (shallow & deep)
- Cost-effective drilling and completion technology
- Mineral extraction from brine
- Environmental impact (Seismicity, Groundwater)
- Social acceptance



Source: thermogis.nl



TKI Urban Energie & TKI Nieuw Gas

EPOS NL

WarmingUp

Huisman Composite Casing