

Ledenbijeenkomst geothermie Nederland

Ingezette innovatie initiatieven

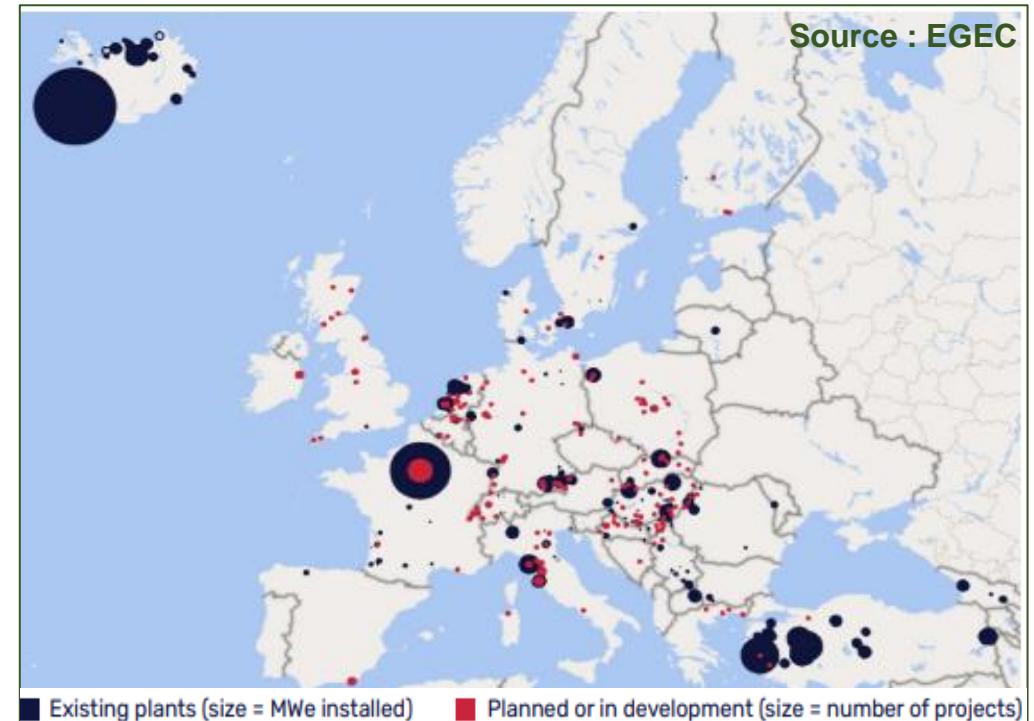
13 april 2023



GEOTHERMAL HEATING IN EUROPE



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



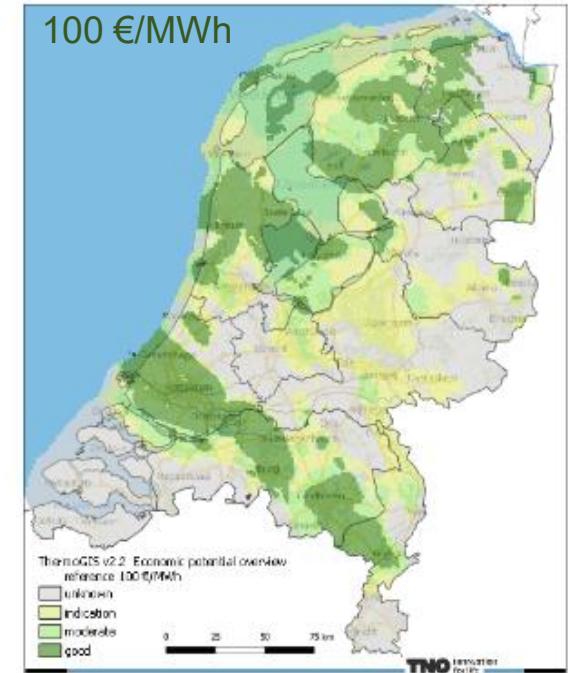
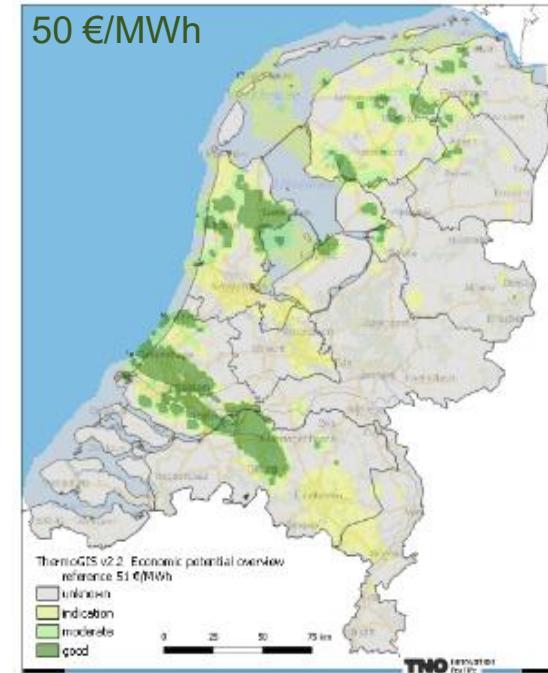
*10 MW (50 GWh/y) reference geothermal plant in Netherlands

GEOTHERMAL 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



geothermie
nederland
bron van energie

Fase 1

Fundamenteel
onderzoek (FO)

Fase 2

Onderzoek &
Ontwikkeling (IO/EO)

Fase 3

Demonstratie

Fase 4

Opschaling &
marktintroductie

TKI Urban
Energie & TKI
Nieuw Gas

EPOS NL

PPS-toeslag

WarmingUp

NWO

MOOI

NWA Lijn 2

TEN-Subsidie

Huisman
Composite Casing

DEI+

(Aardgasvrije woningen,
wijken en gebouwen,
Hernieuwbare energie,
Energie-innovatie)

ISDE

Renovatieversneller

Groeifonds Nieuwe Warmte Nu!

HER

EU Horizon 2020, CETP, Interreg

Geothermica