

THE HAGUE ENERGY REGION

GEOTHERMAL ENERGY

The geothermal energy industry has great momentum and is entering the "Geothermal Decade". The Hague is a hotspot for the (international) geothermal energy industry with application in horticulture, the built environment, a state of the art test center, a leading university and the International Geothermal Association. The Hague activates the international network of the geothermal industry. Not only by bringing the private sector together, but also by activating many embassies, NGOs and international organisations seated in the city.

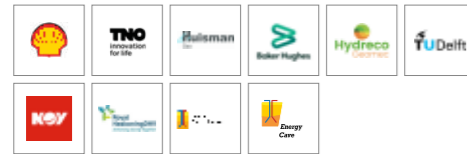
Key players



Public partners and associations



Industry



The Hague. Business Agency ImpactCity

Sector Highlights



Rijswijk Centre for Sustainable Geo Energy

Donated by Shell to TNO (Dutch Technological Research Agency), this lab has been designed with the purpose of experimenting with new drilling techniques or materials. The centre has over 20 installations available which simulate the entire process of drilling (including a 400 meter deep well) and subsurface conditions for testing materials.



Horticulture & Green Port

Horticulture is in close proximity of The Hague, namely in the Westland and Oostland areas. Here, twelve doublets (plus 2 drilled in 2020) deliver heat to 700 hectares of greenhouses producing food, plants and flowers. The goal in this region is to connect all heating networks and supply a steady base-load of geothermal heat.



HAL Central

HAL (Haagse Aardwarmtecentrale Leyweg) will supply sustainable energy to The Hague Southwest district from wells lying more than 2,000 metres underground. HAL is unique: it is the first urban-based geothermal station in the Netherlands.



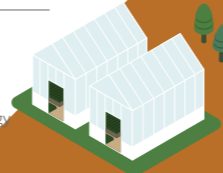
TU Delft

TU Delft is a top notch technical university offering several bachelor and master programs related to geothermal energy. On top of that they perform a lot of research for public and private partners. In collaboration with TNO, Shell and Hydreco they will actually drill their own well. Of course for R&D purposes, but also to deliver heat to the TU Delft campus and the surrounding environment.

Additional resources

For more information about

- Geothermal Energy in The Hague » bit.ly/3fJwPOy
- Geothermie Nederland » geothermie.nl/index.php/nl
- EBN New Energy » ebn.nl/en/energy-transition/new-energy



THE HAGUE REGION

CENTER OF EXCELLENCE FOR GEOTHERMAL ENERGY



The Hague region is a center of excellence for the international geothermal energy industry with a state of the art test center, leading engineering companies and top tier universities.

The deep underground of the region is very suitable for geothermal energy projects, because of the geological formations and the high demand for heat. The greenhouse agriculture in Westland has already been using geothermal energy for decades and a geothermal plant in the urban area will deliver heat directly to thousands of homes. The city has ambitious plans for heat networks and has already chosen four new locations for the exploration of possible geothermal wells. In the region many projects are already operational and more are being realized.

THE HAGUE ENERGY REGION

ABOUT THE HAGUE BUSINESS AGENCY

What can we do for you?

- CONNECT** Connect you with talent, up-to-date information, relevant business partners, government authorities, and a variety of Dutch networks & service suppliers.
- ASSIST** Assist you in setting up the company, finding office space, opening a bank account, immigration topics a.o.
- ORGANISE** Organise fact-finding trips & site selection missions with service providers.
- PROVIDE** Provide concrete solutions and counsel to simplify and enhance your establishment in the Netherlands.



Get in touch

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ImpactCity

TNO
innovation for life



THE HAGUE

GEOHERMAL ENERGY



Government

The Dutch Government is the driver of numerous energy projects and offers financial incentives.



IGA

The International Geothermal Association will open its new headquarter in The Hague.



HAL Central

HAL (Haagse Aardwarmtecentrale Leyweg) is the first urban-based geothermal station in the Netherlands and will supply heat to 2500-4500 homes.



WarmtelinQ

Unique project that transports waste heat from the industry in the Port of Rotterdam to The Hague to feed urban heat networks.



Westland Greenhouse Agriculture

Geothermal energy delivers heat to 700 hectares of greenhouses producing food, plants and flowers.

Amsterdam ●

● The Hague

● Rotterdam



Energy & Engineering companies

Large multinational energy and engineering companies run their European or Global business from The Hague: Shell HQ, McDermott, Worley, Siemens (Gamesa), Neptune Energy, Total, Bilfinger Tebodin, Aramco Overseas, Wintershall, Ørsted.



Energy Cave

Energy Cave is an experience centre for schools, the public and business on geothermal energy



Rijswijk Center for Sustainable Geo Energy (RCSG)

The Rijswijk Centre for Sustainable Geo-energy (RCSG), a unique field lab where geothermal heat projects can be tested on a real scale.



TU Delft

TU Delft is a leading university in engineering and technology. With 8 faculties it offers 30 bachelor and 16 master programs.

Geothermal Projects

1. Duurzaam Voorne
2. Aardwarmte Vierpolders
3. Geopower Oudcamp
4. Aardwarmteproject Maasdijk (in development)
5. Geothermie De Lier
6. Trias Westland 2
7. Green Well Westland
8. Aardwarmteproject Polanen (in development)
9. Aardwarmte Vogelaer
10. Nature's Heat
11. Geothermie Delft (in development)
12. Duijvestijn
13. Ammerlaan TGI - Pijnacker
14. Van den Bosch 3 & 4
15. Van den Bosch 1 & 2
16. Wayland Energy

◆ The City
The Business
The **Hague.**