

Through the diligent application of our experience and expertise, partnerships with like-minded organisations, and a commitment to community outreach and education, we aim to establish geothermal energy as a viable and attractive option for meeting low-carbon heat and power demand in the UK and other immature markets.

## GeoScience Ltd

GeoScience Ltd was founded in 1985 by a small number of staff from the UK's Hot Dry Rock geothermal research project.

It was initially owned by a US-based geothermal developer and during the late 1980s we provided subsurface technical support to their operations in California and Oregon.

Since then we have been active in the geothermal sector providing services to both conventional fields and Engineered Geothermal Systems (EGS), carrying out due diligence and feasibility studies and promoting the take-up of geothermal energy.

We pioneered the utilisation of shallow Ground Source Heat Pump systems in the UK for the heating and cooling of commercial and domestic buildings and, until May 2020, were project manager and Delivery Partner for the United Downs Deep Geothermal Power project in Cornwall.

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 @GeoScienceGeo1

WE PROVIDE  
SUBSURFACE SCIENCE  
AND ENGINEERING  
SERVICES TO THE OIL &  
GAS AND GEOTHERMAL  
INDUSTRIES

GEO SCIENCE  
HAVE BEEN  
ACTIVE IN THE  
GEOTHERMAL  
INDUSTRY FOR  
OVER 40 YEARS

*Geothermal is a clean, sustainable, low carbon source of energy that has been commercially harnessed around the world for decades. Today 90 countries use it to generate electricity or supply renewable heating or cooling.*

There is a wide range of geothermal technology available in the UK with the potential to supply heat and power at many scales; ground source heat pumps, shallow open and closed loop systems, coaxial single wells, flooded mines, and deep well doublets or triplets.

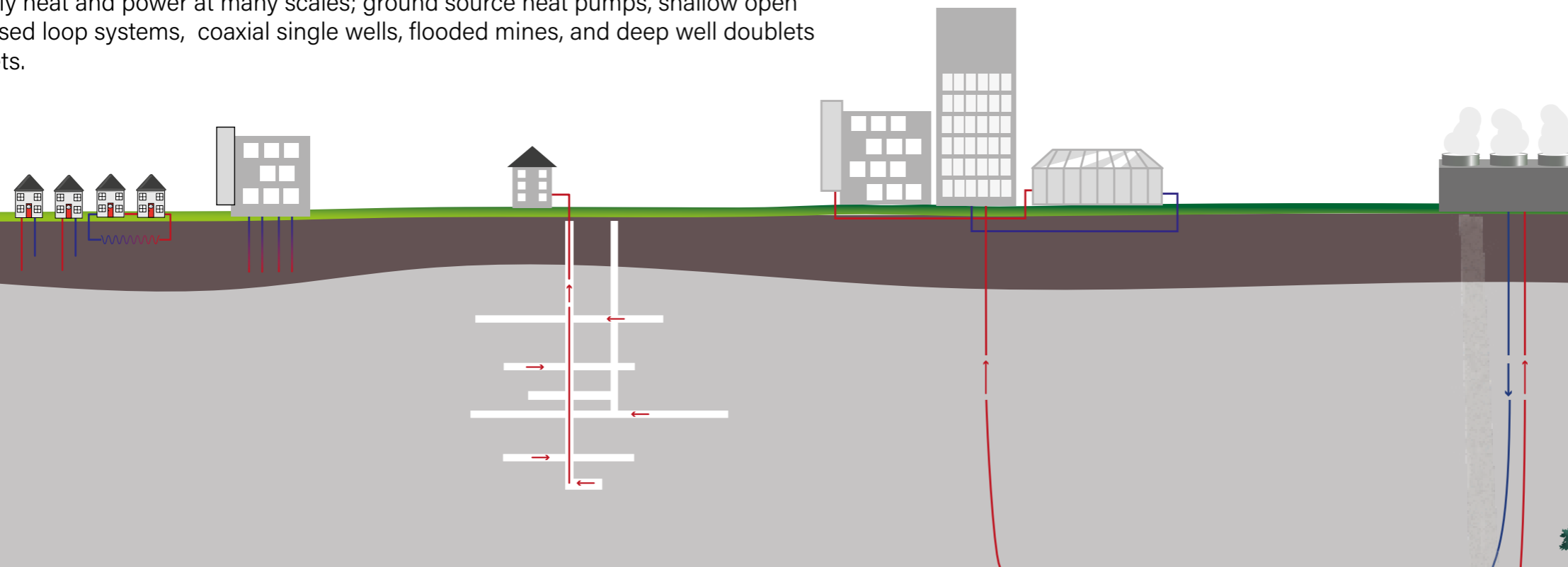
Whether you are just starting to consider geothermal as an option, or already have more definite plans, we can help guide you through the process of bringing your project online. GeoScience offers a range of consultancy services:

**Geothermal Geology** *Regional and site geological assessments, borehole data analysis, geological models*

**Geothermal Engineering** *Resource assessment, project support, well design, borehole stability analysis, well testing*

**Project Planning** *Feasibility studies, due diligence, assistance with funding sources, planning permission and permitting, seismic hazard assessment*

**Communications** *Community outreach and education programme development, public relations advice, presentation material, project visualisations*



*One of the main barriers to the take-up of geothermal utilisation in the UK is a lack of familiarity with the technology and its benefits. By using our experience and knowledge we help clients understand how geothermal can meet their heat or power needs.*



GeoScience

Strength at Depth