

# 100% Renewable UK

<https://100percentrenewableuk.org/>

## Geothermal energy

Geothermal energy could be a 'sleeping energy giant'. It is under-researched but there is some evidence that at the least it could provide a lot of heating needs across the UK. As Ned Williams said: 'there's evidence that geothermal has the potential to be able to supply a fairly significant portion of the UK's energy and heating needs, and increased use and research would surely decrease the cost'. He spoke as part of a review of Southampton Councils' innovative geothermal energy project., see <https://www.wessexscene.co.uk/magazine/2017/11/30/southamptons-geothermal-pursuit-a-success-or-failure/>

Support for feasibility studies needs to be given for schemes and local people need to activate for geothermal energy possibilities to be studied.

## General information:

<https://www.bgs.ac.uk/research/energy/geothermal/home.html>

Useful blog post on geothermal energy

<https://www.greenmatch.co.uk/blog/2014/08/is-the-uk-harnessing-its-geothermal-energy-resources>

## Geothermal electricity?

See a video about geo-drilling in Cornwall to prepare for the first UK geothermal power plant, due to come into operation soon!

<https://www.youtube.com/watch?v=Rz7RwGw0dSA>

## From Iceland?

There have been serious commercial proposals to export geothermal energy from Iceland to supply a large proportion of UK electricity requirements. This could be done through an electricity interconnector.

See <https://www.theguardian.com/environment/2012/may/30/geothermal-energy-uk-power> and <https://www.theguardian.com/sustainable-business/2017/may/19/british-energy-iceland-volcano-geothermal-power>