

100% Renewable UK

<https://100percentrenewableuk.org/>

Key reports on 100 per cent renewable energy in the UK

The two best known reports favouring a 100 per cent renewable energy approach for the UK have been published by the Centre for Alternative Energy and Friends of the Earth.

Report on 'Zero Carbon Britain' published by the Centre for Alternative Technology, giving scenarios and discussion of options to underpin plans and projections for supplying UK energy needs wholly from renewable energy. See <https://www.cat.org.uk/info-resources/zero-carbon-britain/research-reports/zero-carbon-britain-rising-to-the-climate-emergency/>

Report by Friends of the Earth, advocating a 100 per cent renewable energy approach to delivering the 'net zero' energy target – framed in a response to the reports by the Committee on Climate Change on reducing carbon emissions. Friends of the Earth (2019) *Faster, Deeper and Fairer Carbon Pollution Cuts Needed*, page 5, <https://policy.friendsoftheearth.uk/insight/faster-deeper-and-fairer-carbon-pollution-cuts-needed>

There is a good interview with former Greenpeace campaigner Sven Teske about his work on 100 per cent renewable scenarios at <https://soundcloud.com/user-576841840/episode-3-sven-teske-on-modelling-100-renewables>

Key documents issued by the Committee on Climate Change

The Committee on Climate Change (CCC) was established in 2008 to advise the Government about decarbonising the British economy. Although the CCC is not committed to pursuing a 100 per cent renewable energy objective it has, since 2008 tended to place more and more emphasis on renewable energy in its scenarios, and relatively less on nuclear power. However it still regards carbon capture and storage from fossil fuels as an important option. Some documents which form the basis of some recent judgements include:

Committee on Climate Change (2019) Net Zero Technical Report, <https://www.theccc.org.uk/wp-content/uploads/2019/05/Net-Zero-Technical-report-CCC.pdf>

Hydrogen in a Low Carbon Economy, (2018), Committee on Climate Change, <https://www.theccc.org.uk/publication/hydrogen-in-a-low-carbon-economy/>

Imperial College, London (2018) Analysis of Alternative UK Heat Decarbonisation Paths, Committee on Climate Change, Figure 2-19, page 78), <https://www.theccc.org.uk/publication/analysis-of-alternative-uk-heat-decarbonisation-pathways/>