Carbon Capture & Storage - Resouces

Thank you for donwloading this Carbon Capture & Storage resource from the *GeoBus* website.

This resource pack was developed in partnership with The Crown Estate, with support from The Global CCS Institute, Royal Dutch Shell and SCCS. Special thanks are due to Megan O'Donnell and Katy Relph for their involvement. These resources, and further carbon capture and storage education materials can be found on the CO2 degrees challenge website.

The development of this resource would not have been possible without the generous support of the *GeoBus* sponsors, which we gratefully acknowledge.

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CO2 degrees challenge

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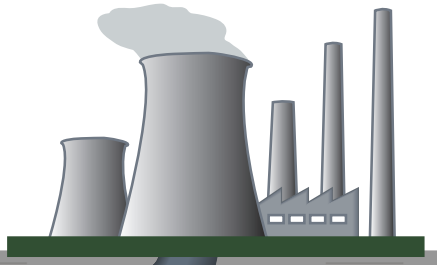
Earth & Environmental Sciences

Chapter 4



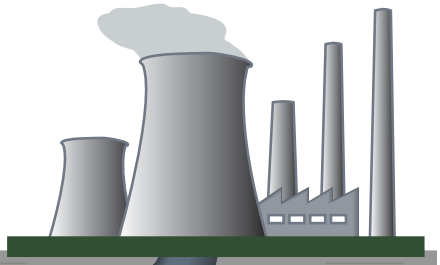
Links to other materials

4.1 Resources

4.2 Websites and Games

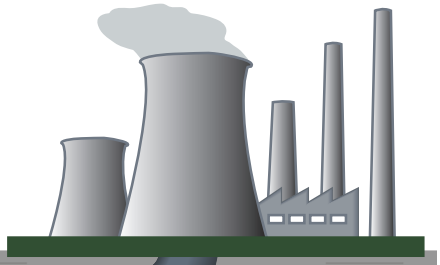
4.3 Videos

Chapter 4



1. Resources

Resources



Carbon Capture and Storage in a Box
http://www.yecscotland.co.uk/secondary_school_resources.html

Shell, the Scottish Earth Science Education Forum and the University of Edinburgh have developed the Carbon Capture and Storage in a Box resource. Aimed at S1/S2, the project involves students in hands-on experiments as chemists, geologists, engineers and environmental managers. Activities cover a range of disciplines including science, technology, numeracy and maths, literacy and social sciences. Schools can request a free kit along with a half-day training workshop for teachers. For further information contact yesc@scdi.org.uk.

Host Your Own CCS Education Workshop
http://co2degrees.com/learn-more/educators

CO_2degrees Challenge offer:

- hands-on experiments
- energy in a low-carbon future resources
- materials to host your own CO_2degrees education workshop

This workshop is designed for educators looking to introduce CCS and the wider energy/climate change context into lessons/curriculum, and for those wanting to hold a CO_2degrees education workshop at a school or community group. CO_2degrees can also connect you with with other science, climate and energy educators from around the world.

Active Case Study: Shell Peterhead CCS Project
http://www.shell.co.uk/energy-and-innovation/the-energy-future/peterhead-ccs-project.html

Shell and SSE are developing the world's first full-scale gas carbon capture and storage (CCS) project – the Peterhead CCS Project. Up to 10 million tonnes of CO_2 emissions could be captured from the Peterhead Power Station and transported by pipeline offshore for long-term storage deep under the North Sea.

Aberdeenshire Council granted planning permission on 18 Jun 2015. Follow the progress of this exciting development from Shell's website, or contact Natalie.Ghazi@shell.com.