



Carbon Capture & Storage - Resources

Thank you for downloading 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.

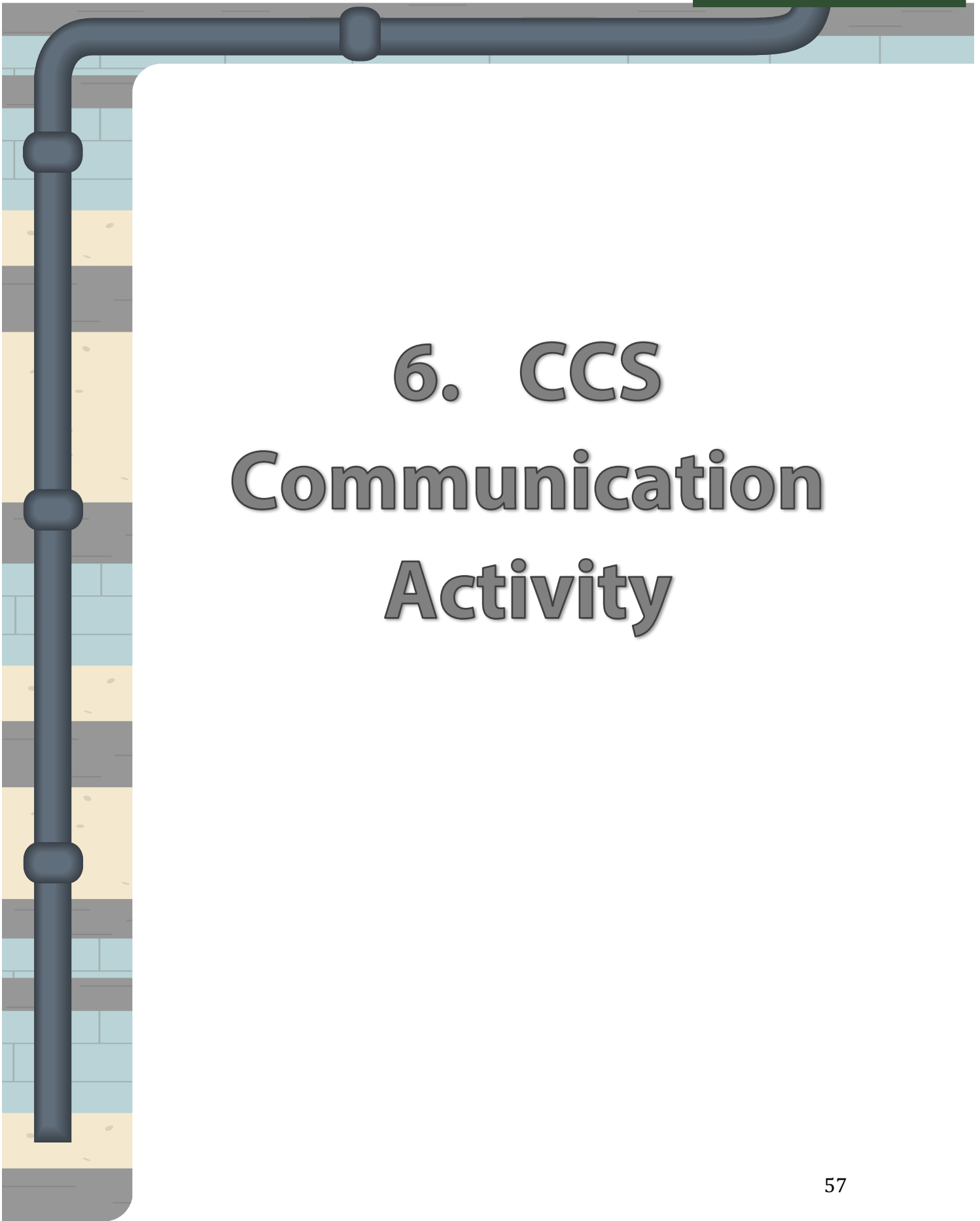
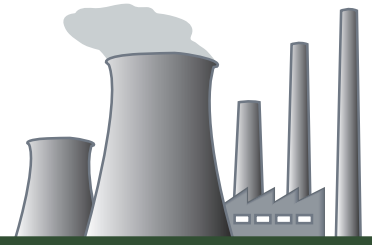
The development of this resource would not have been possible without the generous support of the *GeoBus* sponsors, which we gratefully acknowledge.



Earth & Environmental Sciences



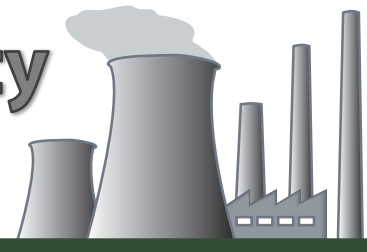
Chapter 2



6. CCS Communication Activity

CCS Communication Activity

Teacher Notes



Activity Description	The students write, produce and perform an informative piece of media about CCS to help educate the public about the things they have learnt.
Time	2 hours minimum – max time flexible
Learning Outcomes	<ul style="list-style-type: none">• To recap everything they have learnt about CCS• To think about how to present this information to others• To work as a team to develop an idea• To use media skills to execute the production of this idea
Student Organisation	Groups
Materials Needed	CCS Communication Activity Student Worksheet

This activity requires a minimum of two periods, if a poster or leaflet is chosen as the format of presentation but will require longer if the students are creating a video, podcast, play, etc.

Students who participated in the CO₂degrees CCS Workshop's have created videos of their efforts that can be viewed at <http://co2degrees.com/media>.

Here are some particularly good examples:

<https://www.youtube.com/watch?v=SQDK5Q5G3r0> and

<https://www.youtube.com/watch?t=32&v=IF-6-CDv0Fo>.

For a chance to get your pupils' work displayed alongside other international examples on the CO₂degrees website, submit your videos, podcasts or posters to kirsty.anderson@globalccsinstitute.com

Task

First, the students should spend some time making a note of everything they remember about CCS. They should also record anything they think they need to know more about.

Allow them to spend some time researching using a computer session, or as a homework task so that they have all the information they require to start planning.

Then they will complete a plan as a group, submitting one plan draft for review before continuing to the production. At this stage you can make sure they will answer the two key questions:

1. What is CCS?
2. Why should we care?

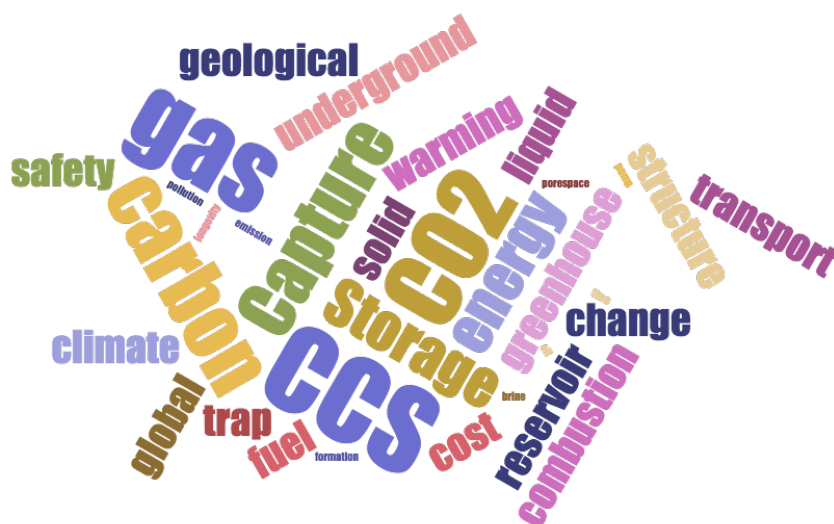
There is a draft story board sheet in this pack which you can distribute to the students to help their planning. Multiple sheets per group may be necessary.

If time allows, each group should write, record and produce their educational media. The final products can be watched, or listened to, as a class.

The process of collating and organising the CCS information to write the piece will strengthen their CCS knowledge base. The additional research session will allow them to identify and then review anything that wasn't clear before.

CCS Communication Activity

Student Worksheet



! Ensuring that people understand CCS is one of the most important jobs of the companies trying to implement it. They need to know the public understand the risks and the benefits associated with each project.

✎ We want you to use what you have learnt from the GeoBus CCS workshop to create a video/podcast/song/play/advert to educate others about CCS. Make sure you include:

1. What is CCS?
2. Why should we care?

You should work in groups of 4 – 6.

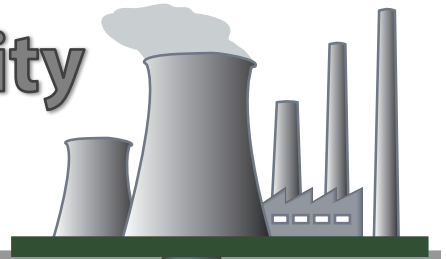
Start by writing down on a large sheet of paper everything your group knows and remembers about CCS.

Make a note of anything you might need to do some more research on – your teacher may give you some time to do this.

Once you understand the main CCS features, make a plan. You can use the story board template on the next page or design your own.

CCS Communication Activity

Student Storyboard



My name is: _____

A large, empty rectangular box with a black border, intended for drawing or writing.

A large, empty rectangular box with a black border, intended for drawing or writing.

A large, empty rectangular box with a black border, intended for drawing or writing.

A large, empty rectangular box with a black border, intended for drawing or writing.
