

## What is CCS?

Carbon capture and storage, or CCS, is a technology that reduces carbon dioxide (CO<sub>2</sub>) emissions in order to mitigate climate change.

CCS involves:

- The capture of CO<sub>2</sub> emissions from large scale point sources of CO<sub>2</sub> such as industry and power generation;
- The transport of the CO<sub>2</sub> using trucks or pipelines; and
- The safe and permanent storage of the CO<sub>2</sub> in deep underground geological rock formations – greater than 800m below the surface.

The geological formations used to store CO<sub>2</sub> are very similar to those that have stored oil and gas for millions of years.