

What is CCS?

(CO₂ Capture & Storage)

A ready-to-go, viable and flexible mitigation technology for reducing CO₂ emissions into the atmosphere

CO₂ is produced at large industrial process facilities, such as coal and natural gas power plants, steel mills, refineries, cement and paper plants.

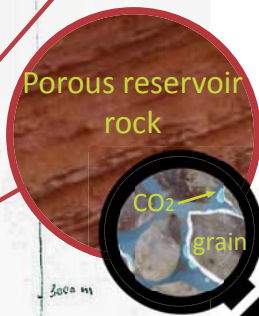
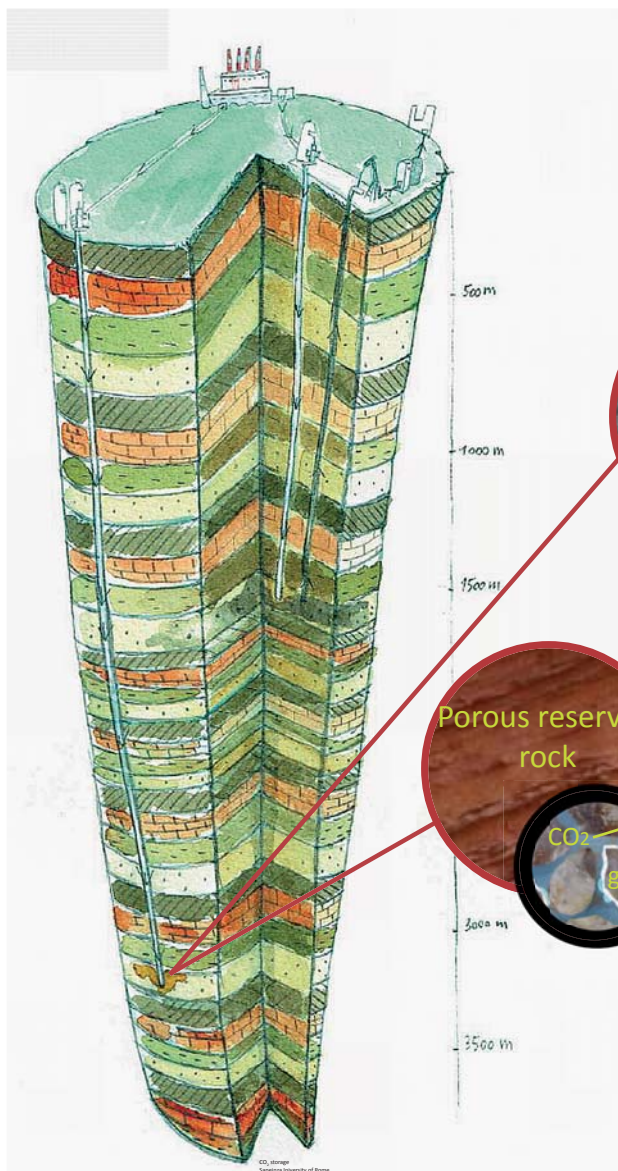
Capture processes can be applied to large-scale CO₂ emission sources (including those listed above). CO₂ separation/capture technologies have been used for decades. Once separated, the CO₂ may be used as a feedstock in various industries or be compressed and transported, usually via pipeline or ship, to a suitable site for storage.

Storage The CO₂ is injected deep underground (> 800 m) and is stored in the natural spaces between rock grains (pores).

Find more information



Image courtesy of the Petroleum Technology Research Centre's Aquis-



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