

## Mini Case Study: Global Carbon Capture and Storage Institute (Meeting Global Challenges through Better Governance: International Co-operation in Science, Technology and Innovation)

Approximately 100 new conventional large-scale power stations are currently being constructed around the world each year. Carbon capture and storage provides a solution for existing fossil fuel plants, as well as plants that will be built in the coming years. The technology involves capturing CO<sub>2</sub> that would otherwise be emitted to the atmosphere, compressing it, transporting it to a suitable site and injecting it into deep geological formations where it can be safely stored.

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