

WHO KNEW?*

The CarbonNet Project

The [CarbonNet Project](#) is investigating the potential for establishing a world class, large-scale carbon capture and storage (CCS) network. The network would bring together multiple carbon dioxide (CO₂) capture projects in Victoria's Latrobe Valley (Australia), transporting CO₂ via a shared pipeline and injecting it into deep underground, offshore storage sites in the Gippsland region of Victoria. This region is widely recognized as a world-class location offering significant potential for CCS. The nearby Latrobe Valley is home to power stations responsible for generating more than 90% of the state's electricity. The adjacent offshore Gippsland Basin has been found to have the highest technical ranking of 25 major basins across Australia and the largest storage potential of any east coast basin.

The project is exploring the potential to capture and store 1-5 million tonnes of CO₂, per year, with the possibility of scaling up. Successful implementation of this project could be the starting point for an expanding commercial scale carbon transportation and storage system, enabling a significant reduction in carbon emissions from electricity in Victoria.

CarbonNet is managed by the Victorian Department of Economic Development, Jobs, Transport and Resources. It is at feasibility and commercial definition stage with extensive research, engineering and commercial studies being undertaken, including modelling of potential CO₂ storage sites. The project is funded by the Australian and Victorian governments.

In June 2015, Victoria's Department of Economic Development, Jobs, Transport and Resources prepared a Knowledge Sharing Report for the Global Carbon Capture and Storage Institute (GCCSI). [This report](#) provides a historical perspective of CarbonNet from prior to its inception to today. It is intended to help project participants and their stakeholders understand how the vision of a network hub concept has developed in Victoria, Australia.



<http://www.energyandresources.vic.gov.au/energy/carbon-capture-and-storage/the-carbonnet-project>

***A regularly featured column on industry, university and government initiatives
in support of clean coal technology development & commercialization.**