

## Media Release

20 February, 2008.

### **Study brings Carbon Capture and Storage a step closer to WA**

Through its commercial arm, CO2CRC Technologies, Australia's leading carbon capture and storage research group, CO2CRC, will assess the potential for storing carbon dioxide emissions in the deep subsurface near Eneabba in the North Perth Basin about 300km north of Perth.

The work by CO2CRC will complement plans for the Aviva Corporation's Coolimba baseload power station, also planned for the Mid West, which include proposals for carbon dioxide capture-ready technologies.

The Aviva Corporation hopes that the Coolimba Power Station will become Western Australia's first commercial coal or gas-fired power station to be almost free of carbon dioxide emissions.

Carbon capture and storage (CCS) is the capture, transport and long-term storage of carbon dioxide, the world's most abundant greenhouse gas after water vapour, in the deep subsurface.

"CO2CRC Technologies is very pleased to be involved in this important project," said the CO2CRC Chief Executive, Dr Peter Cook.

"We have conducted a number of studies in WA including an assessment of the carbon dioxide storage potential of the Collie and Perth Basins for the WA Department of Industry and Resources.

"The CO2CRC Technologies study of the North Perth Basin will identify whether the Eneabba region is suitable for carbon dioxide injection and storage. This means the site needs suitable porous and permeable rocks for storing carbon dioxide, overlain with seals or cap rock that will trap the injected carbon dioxide in the deep subsurface," Dr Cook said.

"Preliminary work done by CO2CRC has identified the North Perth Basin as being prospective for sequestration and storage of carbon dioxide, and we are confident of good outcomes from this study".

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CO2CRC Technologies is the commercial arm of CO2CRC, which collaborates with leading international and national carbon capture and storage experts to conduct world-class research into CO<sub>2</sub> geosequestration.