



# REDUCING CARBON DIOXIDE EMISSIONS TO THE ATMOSPHERE

CO2CRC Technologies Pty Ltd (CO2TECH) is the commercial arm of the Cooperative Research Centre for Greenhouse Gas Technologies (CO2CRC).

## CO2TECH PROVIDES:

- consultancies relating to the application of greenhouse gas technologies for government and industry, both in Australasia and internationally; and
- management and commercialisation of capture and storage technologies developed by CO2CRC.

## CONTACT DETAILS

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# CO2CRC TECHNOLOGIES

Specialists in Carbon  
Capture and Storage



**CO2CRC**  
Technologies



# AN EMISSION FREE VISION FOR THE FUTURE

CO2TECH draws on a wide range of research and development expertise, in universities, scientific institutions, and companies that are members of the CO2CRC.

**These include:**

- CSIRO Petroleum;
- Curtin University;
- Geological and Nuclear Sciences (NZ);
- Melbourne University;
- Monash University;
- University of Adelaide;
- University of New South Wales; and
- University of Queensland.

CO2TECH has expertise in CO<sub>2</sub> capture and storage technologies.

**This includes:**

- broad assessments and site specific assessments of geological storage potential;
- design of CO<sub>2</sub> monitoring and verification programs;
- economics of CO<sub>2</sub> capture and storage options;
- CO<sub>2</sub> source-sink matching;
- capture of CO<sub>2</sub> using technologies such as solvent absorption, liquid and high flux membranes, pressure swing adsorption, cryogenics and hydrates;
- technology roadmapping;
- technological, economical and social risk management;
- modeling of CO<sub>2</sub> migration; and
- carbon capture and storage due diligence reporting.

**CO2TECH is also able to assist with assessment of opportunities for:**

- CO<sub>2</sub> Enhanced Oil and Gas Recovery (EOR and EGR);
- CO<sub>2</sub> Enhanced Coal Bed Methane recovery (ECBM);
- sequestration of CO<sub>2</sub> through injection in deep unmineable coal seams and deep saline formations; and
- carbon capture and storage technology transfer and licensing.

CO2TECH has exclusive rights to commercialise intellectual property developed by CO2CRC