



Australian Government
Geoscience Australia

The value of CAGS

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China Australia Geological Storage of CO₂
中澳二氧化碳地质封存



Objectives for CAGS Projects

Develop scientific relations and explore future ways of cooperation ... specifically in the field of carbon dioxide geological storage, including:

- Collaborative research and development;
- Scientific and technological knowledge transfer and sharing;
- Training in relevant disciplines and methodologies;
- Coordination and collaboration with appropriate domestic organisations; and,
- Development of recommendations on regulatory and legislative framework and policy



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Objectives for CAGS Projects

The project aims to reduce CO₂ emissions to the atmosphere by helping accelerate the development and deployment of carbon capture and geological storage (CCS) technology in China through both a multi-faceted capacity-building component and a significant basic and applied research component. Collaboration and coordination of activities with other CCS-enabling efforts in China (such as the UK-China NZEC project) is expected to occur and will be encouraged where possible.



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The raw numbers do not give the whole picture

CAGS 1	A\$2,860,000
CAGS 2	<u>A\$1,389,000</u>
Total	A\$4,249,000



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Ministry of
Science and
Technology

The
Administrative
Centre for
China's
Agenda 21

Chinese
Academy of
Sciences
(CAS)

Institute of
Rock and
Soil
Mechanics
(CAS)

Institute of
Geology
and
Geophysics
(CAS)

China
Geological
Survey
(CGS)

Centre for
Hydrogeology
and
Environmental
Geology (CGS)

Ministry of
Environmental
Protection

Chinese
Academy of
Environmental
Planning

China
University of
Geosciences

Tsinghua
University

China
National
Petroleum
Corporation

Sichuan
Clean
Development
Mechanism
Center

Xinjiang
University

Productivity
Centre of
Jiangsu
Province

PetroChina

Sinopec

South China
Sea Institute
of
Oceanology

National
Marine
Environmental
Monitoring
Center

State Oceanic
Administration

China
University of
Petroleum

Beijing
University

China
National
Offshore Oil
Corporation

Qingdao
Institute of
Marine
Geology

Guangzhou
Institute of
Energy
Conversion
(CAS)

China
University of
Petroleum

Sinopec
Petroleum
Research
Institute

Jilin
University

Shanghai
Advanced
Research
Institute
(CAS)

Chengdu
University of
Technology



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Geoscience
Australia

Department
of Industry

CO2CRC

Global CCS
Institute

CSIRO

University of
New South
Wales

University of
Western
Australia

Monash
University

University of
Adelaide

University of
Melbourne

University of
Queensland

cags

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A success!

- Formed lasting collaborative links between Australia and China
- Helped facilitate a CCUS roadmap for China
- Helped facilitate linkages between Chinese institutions and researchers
- Knowledge transfer both ways
- Provided seed funding to attract additional CCS research
- CAGS potentially helped accelerate development and deployment of geological storage of CO₂ in China



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THANK YOU



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