

**Welcome!**

**Introduction to  
the workshop**

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Geoscience Australia**

**cags**

**China Australia Geological Storage of CO<sub>2</sub>**

**中澳二氧化碳地质封存**



# Logistics and house-keeping

## Presentations and posters

- Please bring us presentations as soon as you can
- PDF versions available on the web following workshop
- Posters – please leave in the Scrivener room

## Food

- Morning and afternoon tea will be in the foyer
- Lunch will be served in the Scrivener room
- Dinners as noted in program

## Other

- Emergency procedures
- Bathrooms
- Internet access
- Lunchtime activities - library, foyer displays, walk around grounds
- Group photo Wednesday 10:30 am

Questions, problems? see Jessica, me, or another GA staff member



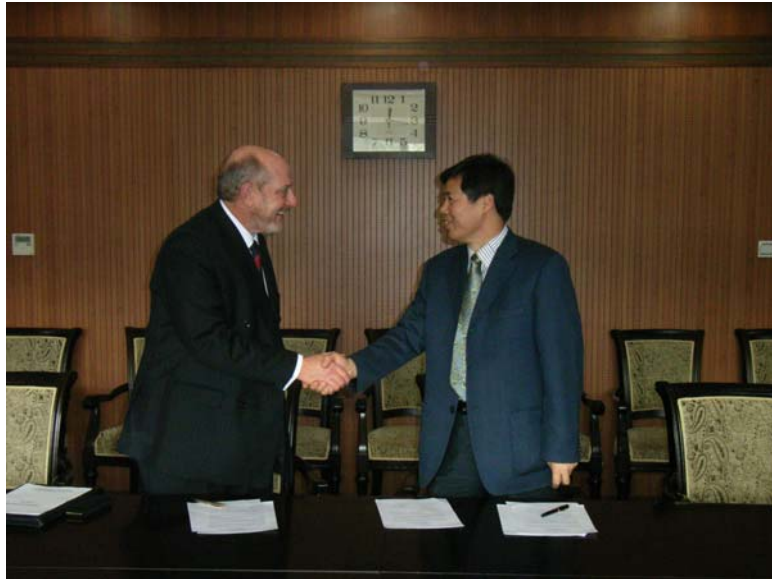
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# CAGS Project



**Signing Letter of Intent**  
Dr Yanhe Ma, Director-General,  
Department of Social Development,  
and Dr Clinton Foster, Chief, Petroleum  
and Marine Division

- China Australia Geological Storage of CO<sub>2</sub> Project.
- Bilateral project between China and Australia focusing on capacity building in and research on geological storage of CO<sub>2</sub>.
- Leading agencies are GA and ACCA21 (Ministry of Science and Technology).
- Aim: To help accelerate the development and deployment of CCS in China and Australia
- CAGS is supported and funded A\$2.86m by the Australian Government under the APP.



- Builds on and complements other capacity building and research efforts

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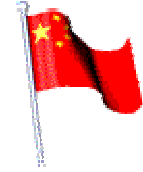
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# How?



- **Capacity building**
  - Technical Workshops
  - Student and researcher exchanges
  - Support for attendance at conferences
  - Study tour for policymakers
  - “Summer school” for Chinese students
- **Research program**
  - Basic research projects
  - Applied research projects

- **Other activities**
  - Website
  - Publications
  - Technical Symposium wrap-up
  - Collaboration with other storage projects in China



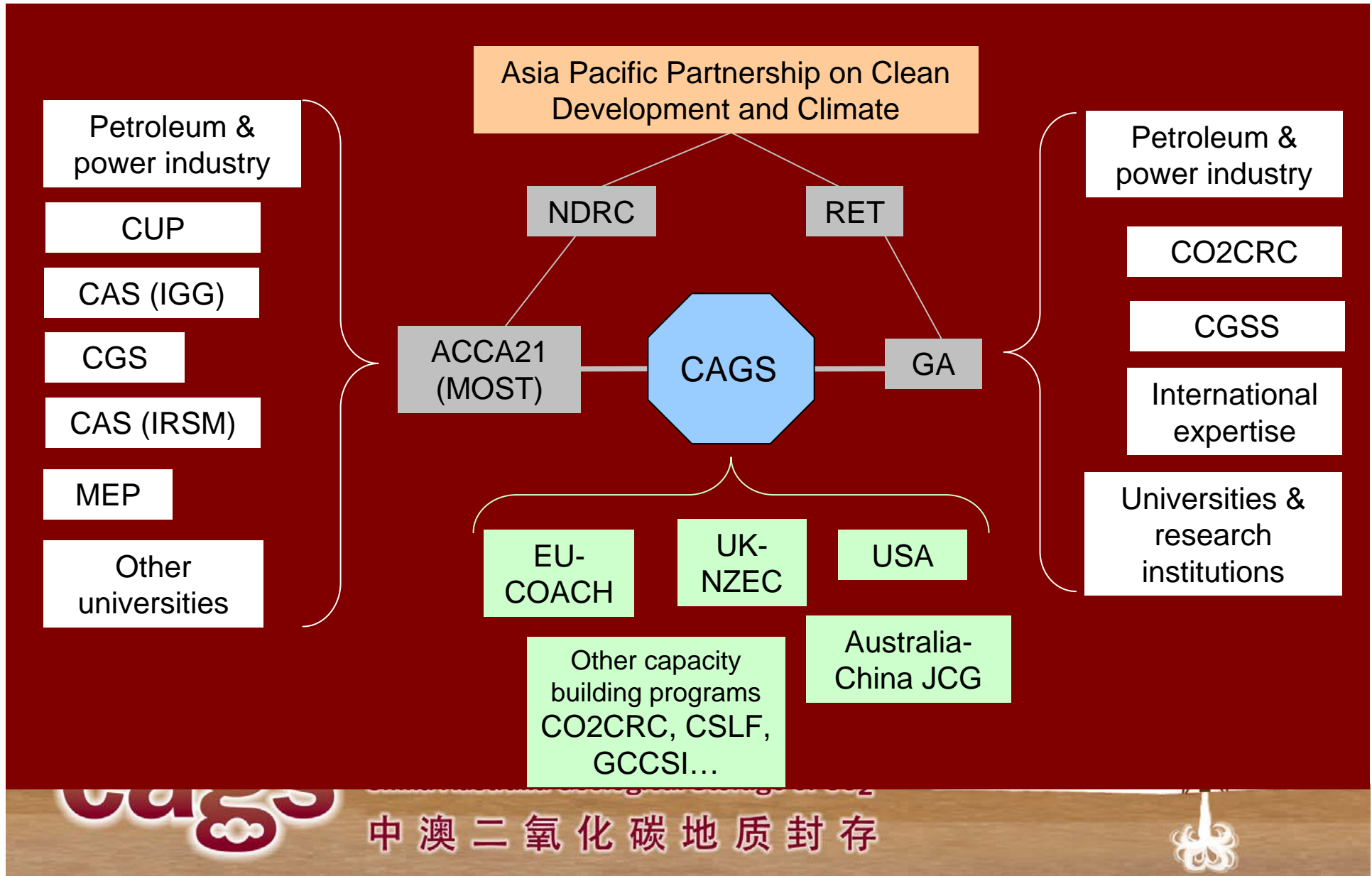
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# Bringing together key players



# An opportunity to network

- Administrative Centre for China's Agenda 21 (Ministry of Science and Technology)
- Australian Coal Association
- Australian School of Petroleum
- British Geological Survey
- Chevron Australia
- China Geological Survey CO2CRC
- China University of Petroleum
- Chinese Academy of Sciences
- CO<sub>2</sub> Geological Storage Solutions
- Commonwealth Scientific and Industrial Research Organisation (CSIRO)
- Cooperative Research Centre for Greenhouse Gas Technologies (CO2CRC)
- Department of Resources, Energy and Tourism
- Geological Survey of Queensland
- Geoscience Australia
- Geoscience Victoria
- Global CCS Institute
- Pacific Northwest National Laboratory
- Shengli Power Plant
- Sinopec
- Tsinghua University
- University of Texas
- ZeroGen



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# Aims of this workshop

- Promote exploration and discussion of technical issues associated with geological storage of CO<sub>2</sub>
  - Prospectivity and capacity assessment and site selection
  - Learning from experience
  - Getting “storage ready”
- Facilitate networking between China and Australia, and between government, research and industry
- Presentations, posters, and several discussion sessions



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# Workshop Program

## Tuesday

- 'Storage Ready'
- Storage prospectivity and capacity assessment
- Discussion "How do we make China and Australia Storage Ready?"
- Policy initiatives and public perception of CCS

## Wednesday

- Country, regional and basin scale assessment
- Discussion of approaches to regional assessment
- Research and programs on geological storage in China
- Poster session
- Group Photo - 10:30am



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# Workshop Program

## Thursday

- Risk assessment, modelling and monitoring
- Learning from experience – project case studies
- Break-out groups and discussion on next steps to get storage ready

## Friday

- Field trip to Canowindra – Devonian fish fossil site; fossicking; wine tasting, sight-seeing.



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# Some questions to consider...

- What is the status of China and Australia regarding understanding the prospectivity and capacity for geological storage of CO<sub>2</sub>?
- What are the next steps for China and Australia to become “storage ready”, and to accelerate deployment of CCS?
- What is our role in gaining public acceptance for CCS?
- What role do CAGS and similar programs have and are they effective?
- What further geological storage research should be supported in China and Australia (and through programs such as CAGS)?

We will revisit these and other questions during presentations and discussions over the next three days



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