



# The Peter Cook Centre for CCS Research



To develop environmentally and socially acceptable, cost effective carbon capture and storage solutions for a carbon constrained world





- Established at the University of Melbourne
- Support from
  - CO2CRC
  - Rio Tinto
  - State Government of Victoria's Department of State Development, Business and Innovation (DSDBI)
- Australian Government's Education Infrastructure Fund provides further support for new laboratories facilities





- Two research programs:
  - 1. Carbon Capture**
    - developing and demonstrating technologies that will significantly reduce the costs of capturing CO<sub>2</sub>
    - minimising the environmental footprint of energy production





## 2. Carbon Storage

- developing a deeper understanding of the process of storing CO<sub>2</sub> in subsurface structures
- reducing the risks associated with storage
- developing appropriate monitoring and control technologies
- ensuring societal acceptance



- Major goal:
  - to develop the next generation of professional engineers and scientists
- Achieved by:
  - Developing short-term training and research opportunities for students and early career researchers
  - A number of research positions (PhD programs) are available



- **Personnel**
  - 20 research scientists and engineers
  - 17 postgraduate students in residence
  - 3 research assistants



THE UNIVERSITY OF  
MELBOURNE



CRC FOR GREENHOUSE  
GAS TECHNOLOGIES

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