



Australian Government

DEPARTMENT OF RESOURCES, ENERGY AND TOURISM

Ms Margaret Sewell
Head of Clean Energy and Energy Efficiency Division
Department of Resources, Energy and Tourism



ENHANCING AUSTRALIA'S ECONOMIC PROSPERITY
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Policy drivers for CCS in Australia

Clean Energy Future Plan

- Carbon price introduced 1 July 2012
- Fixed price of \$23 per tonne for the first 3 years
- Flexible price from 1 July 2015
- Linked to European Union emissions trading scheme
- Encourages investment in low-emissions technologies, including CCS

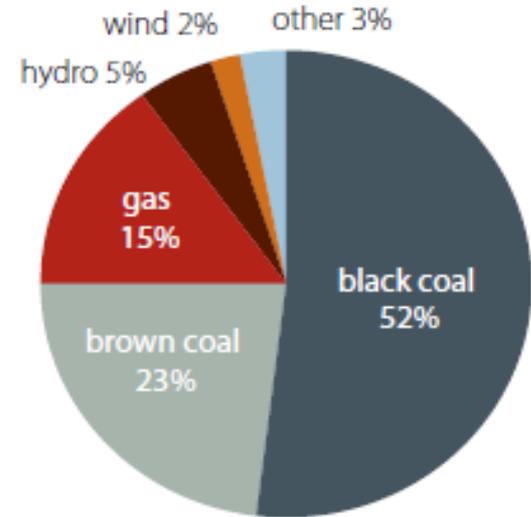


Importance of CCS for Australia

- Heavy reliance on fossil fuels for domestic energy demand
- World's largest net exporter of coal
- Several high-emitting industrial activities

For the year leading up to March 2012, coal-fired electricity generation accounted for around **155 million tonnes of CO₂**, which is roughly **30 per cent of Australia's man-made greenhouse gas emissions** in this period.

Electricity generation by energy source, 2009-10:



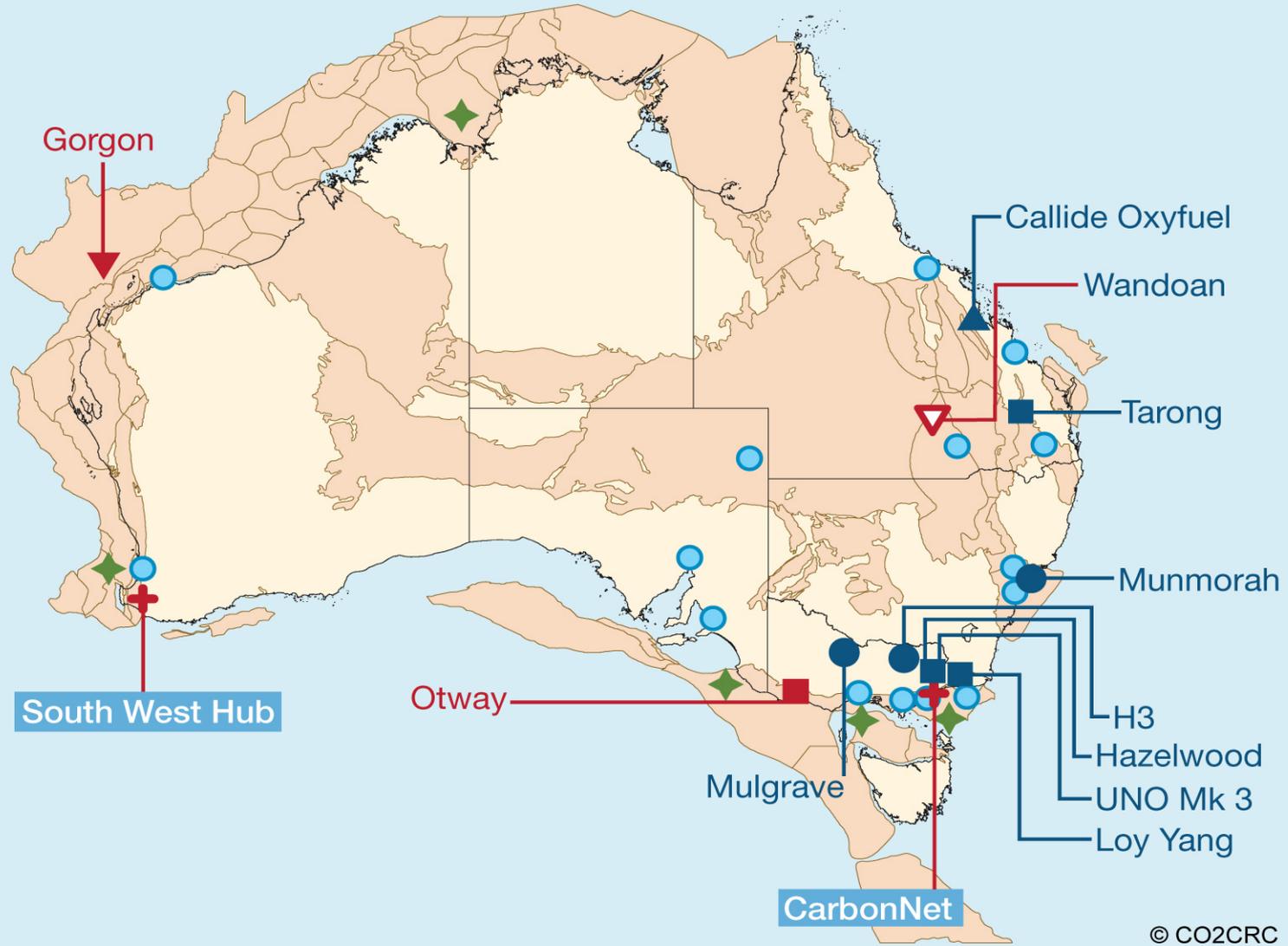
Source: BREE 2012, Energy in Australia 2012.

CCS PROJECTS

- ▲ Capture - feasibility
- ▲ Capture - advanced
- Capture - operational
- Capture - completed
- ▼ Storage - feasibility
- ▼ Storage - advanced
- Storage - operational
- Storage - completed
- + Storage hub - feasibility
- Major emission nodes
- ◆ Offshore CCS permits
- Basins with potential for CO₂ storage

(Spatial data supplied by Geoscience Australia)

CCS Flagship project



Welcome to Perth

“ I wish you a successful meeting, and encourage you to exchange ideas and discuss practical ways to accelerate the development and deployment of CCS.”

**The Hon. Martin Ferguson AM MP
Minister for Resources and Energy
Minister for Tourism**