



Australian Government
Geoscience Australia



Welcome CSLF Technical Group

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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



Carbon price

+



Renewable energy

+



Energy efficiency

+



Land use

=





Importance of CCS for Australia

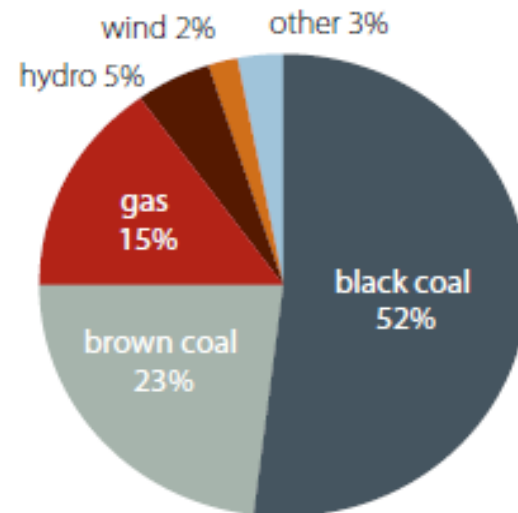
Heavy reliance on fossil fuels for domestic energy demand

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 GHG emissions** in this period.

Electricity generation by energy source, 2009-10:



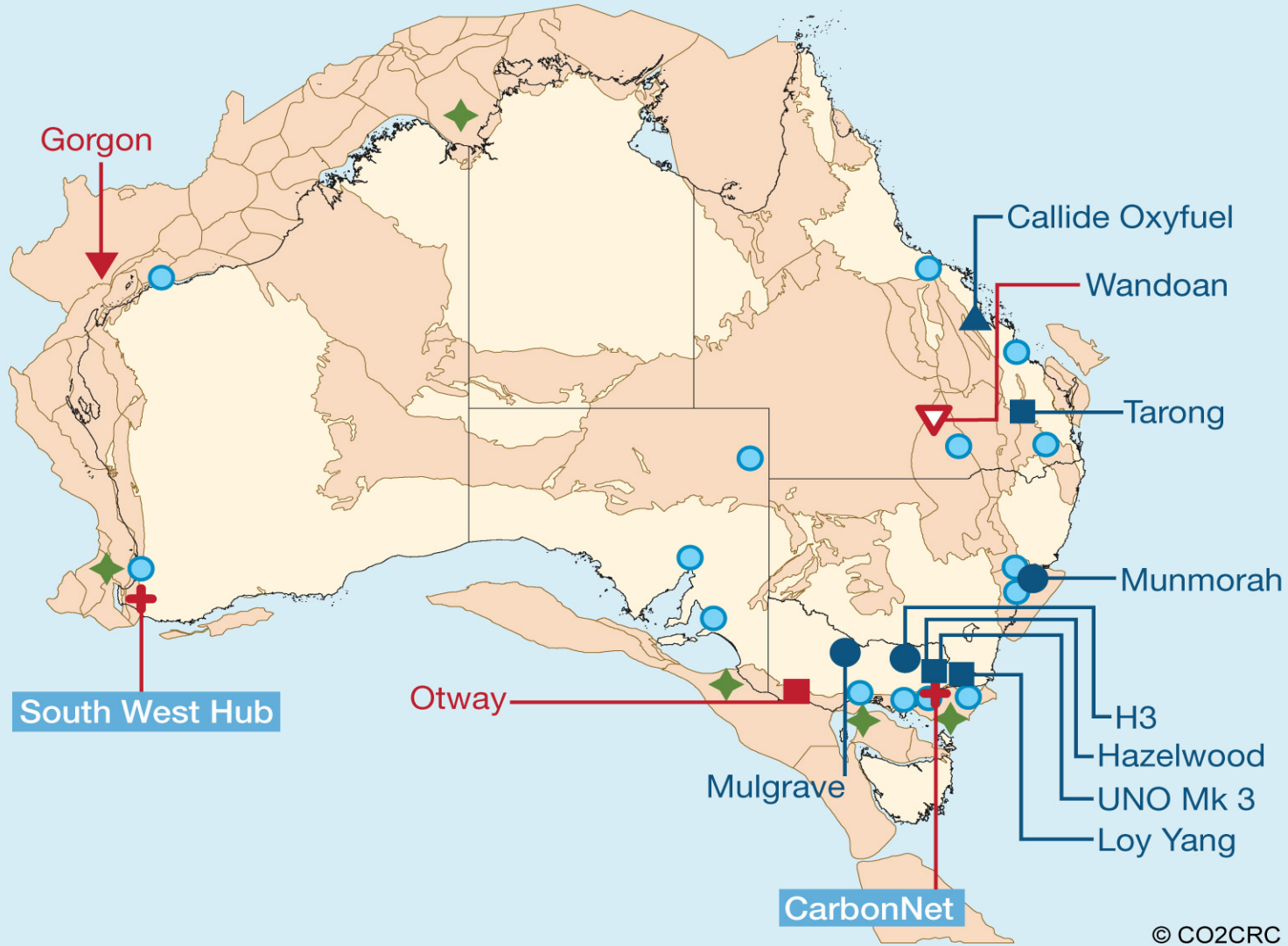
Source: BREE 2012, Energy in Australia 2012.

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





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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**