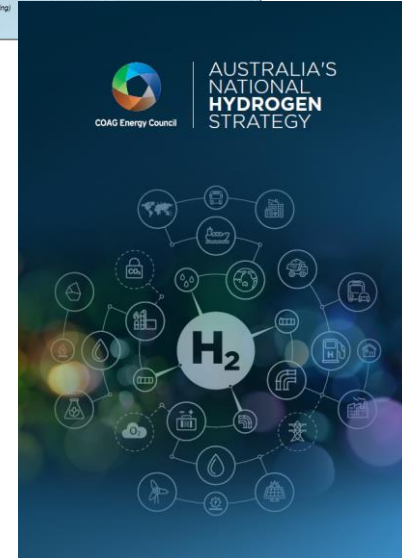
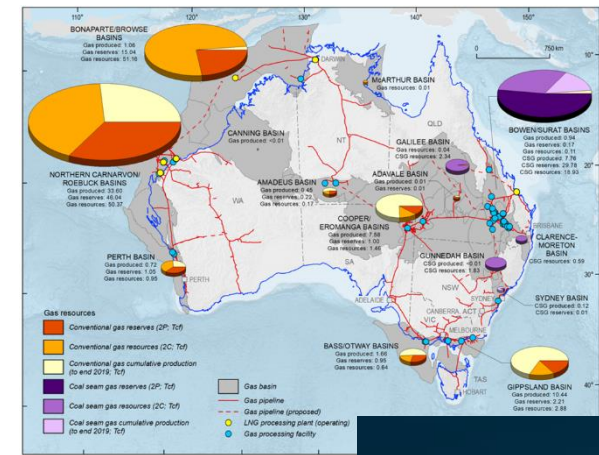


The future of Australia's energy resources

The Australian Government supports the rapid transition to a low carbon economy. Geoscience Australia and the nation's State/Territory Geological Surveys carry out dedicated programs that fast track the energy transition by investigating:

- the resource potential of natural gas in on- and offshore basins
- The potential for greenhouse gas storage in selected on- and offshore basins
- The occurrence of hydrogen gas in the subsurface
- The availability of salt structures for hydrogen storage
- The optimal regions for hydrogen production



The future of Australia's energy resources

information available from: (selection)



Natural Gas

- Australia's Energy Commodity Resources 2021: <https://www.ga.gov.au/digital-publication/aecr2021/home>
- Petroleum Geology of Offshore Basins: <https://www.ga.gov.au/scientific-topics/energy/province-sedimentary-basin-geology/petroleum/acreagerelease>

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CCS

- Tenthorey et al. 2021: CO2-EOR+ in Australia: achieving low-emissions oil and unlocking residual oil resources (APPEA) <https://www.publish.csiro.au/AJ/AJ20076> (open access)
- GA CCS projects and datasets - <https://portal.ga.gov.au/> - under Map Layers, navigate to Geological Storage of CO2

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Hydrogen

- AusH2 – Australia's Hydrogen Opportunities Tool and Economic Fairways Mapper (HEFT) tool <https://portal.ga.gov.au/persona/hydrogen>
- GA's Hydrogen page: <https://www.ga.gov.au/scientific-topics/energy/resources/hydrogen>
- Boreham et al. 2021: Hydrogen in Australian natural gas: occurrences, sources and resources (APPEA) <https://www.publish.csiro.au/AJ/AJ20044> (open access)

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