

Low Emissions Technology

Low emissions technologies offer the next generation of energy solutions that will help deliver lower emissions, reduced costs and new sources of employment. In September 2020, the Australian Government delivered its first [Low Emissions Technology Statement](#), in which it outlined priority technologies and economic goals for the future of Australia, and Australia's energy exports.

Impact and benefits of developing low emissions technologies



130,000

number of potential new jobs that would be developed by 2030, with more than half in regional communities.



250 million tonnes

Potential value of emissions avoided by 2040.



\$30 billion

Potential export revenue per year from low emissions technologies.

The Australian Government has identified five priority low emissions technologies, with Clean Hydrogen and Carbon Capture and Storage of greatest interest to the oil and gas industry.

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Clean Hydrogen



Carbon Capture and Storage



Energy Storage



Low Carbon Materials (steel, aluminium)



Soil Carbon

The [Australian Government Technology Investment Roadmap](#) identifies the key role that mature technologies, including natural gas, solar and wind, will continue to play in Australia's cleaner energy future.