

17 APRIL 2025

Bonaparte CCS Joint Venture achieves robust appraisal results and progresses into pre-FEED to support a large-scale carbon capture and storage (CCS) project

PERTH, AUSTRALIA – Today, the Bonaparte CCS Joint Venture (INPEX Browse E&P Pty Ltd 53% as Operator; TotalEnergies CCS Australia Pty Ltd 26%; and Woodside Energy Ltd 21%) announced it has commenced preliminary front-end engineering design (pre-FEED) work to support development of the Bonaparte CCS Project, located in the Bonaparte Basin, approximately 260 kilometres offshore Darwin, Australia.

The Bonaparte CCS Joint Venture was formed in 2022 to appraise the awarded greenhouse gas storage assessment acreage (title G-7-AP).

The decision to progress the project into pre-FEED follows the successful completion of both the selection of engineering concept and a comprehensive appraisal program, which included ~1,800 square kilometres of new three-dimensional seismic surveying and two carbon dioxide (CO₂) storage appraisal wells. The appraisal program confirmed the presence of a high-quality saline aquifer reservoir in the Bonaparte Basin together with thick sealing formations considered suitable for safe and permanent long-term carbon storage.

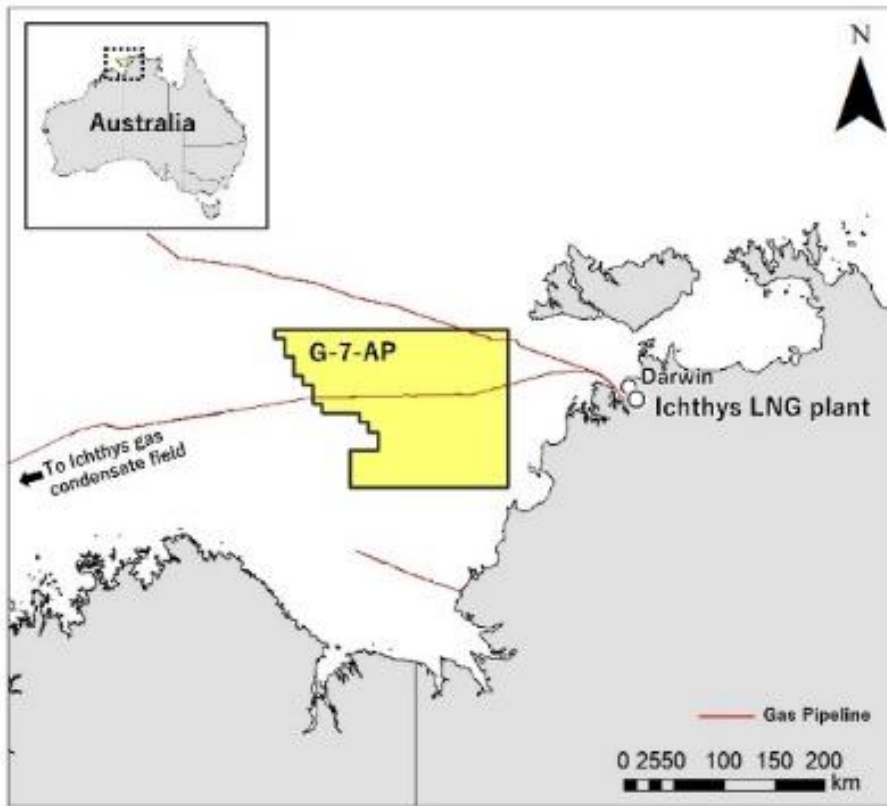
INPEX Managing Director and Country Chair Australia Tetsu Murayama said achieving the Bonaparte CCS pre-FEED milestone is an important step towards a lower carbon future.

“The Bonaparte CCS appraisal results are outstanding and have exceeded our expectations. The G-7-AP acreage is proving up to be one of the most promising CO₂ storage sites globally.

“Bonaparte CCS Joint Venture intends to transport and store CO₂ safely and permanently offshore northern Australia in the Bonaparte Basin, which has a potential carbon storage capacity of more than 10 million tonnes per annum, with Ichthys Joint Venture expected to be the anchor customer.

“With a plan to commence CO₂ injection around 2030, the proposed Bonaparte CCS project could substantially contribute to decarbonising northern Australia and potentially the wider Indo-Pacific region,” Mr Murayama said.

The Bonaparte CCS Assessment Joint Venture is now conducting detailed analysis of the reservoir appraisal data, to support a Declaration of Identified GHG Storage Formation application in advance of obtaining a greenhouse gas injection licence.



Location of greenhouse gas assessment acreage G-7-AP

About INPEX: INPEX is Japan's largest exploration and production company, engaged in the development and operation of energy projects worldwide, including Ichthys LNG in Australia as Operator. We are committed to contributing to a brighter future by delivering energy in a sustainable way. As part of this commitment, we also engage in lower-carbon solutions such as carbon capture and storage – or CCS – and outside of Australia, in hydrogen and integrated power supply, while pursuing new opportunities in the evolving energy landscape. For more information, visit www.inpex.com.au/

About TotalEnergies: TotalEnergies is a global integrated energy company that produces and markets energies: oil and biofuels, natural gas, biogas and low-carbon hydrogen, renewables and electricity. Our more than 100,000 employees are committed to provide as many people as possible with energy that is more reliable, more affordable and more sustainable. Active in about 120 countries, TotalEnergies places sustainability at the heart of its strategy, its projects and its operations.

About Woodside Energy: Woodside is a global energy company. Driven by a spirit of innovation and determination, we established the liquefied natural gas industry in Australia in the 1980s. We have safely and reliably delivered gas to homes and businesses in Australia and customers around the world for decades, supporting the development of industry and driving economic prosperity. Today, our strategy is to thrive through the energy transition with a resilient and diversified portfolio of oil, gas and new energy projects in Australia, North America and Africa.

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