

# Bayu-Undan CCS project

The Bayu-Undan CCS project is designed to develop an emissions reduction hub in Darwin with CO<sub>2</sub> injection through a repurposed Bayu-Undan gas production facility in Timor-Leste offshore waters.

The project intends to utilise the existing Bayu-Undan to Darwin infrastructure and the offshore Bayu-Undan platform. Santos aims to use onshore facilities in Darwin to capture and separate CO<sub>2</sub> potentially from both the Barossa reservoir and adjacent industrial sources.

The Barossa joint venture has taken FID on the Darwin Pipeline Duplication (DPD) project and invested over \$600 million (gross) in the pipeline. At the end of 2024, the DPD project was 71 per cent complete.

With economies of scale and the re-use of existing infrastructure, the project is aiming to be at the lower end of the global CCS cost curve.

The project aims to create an ongoing source of revenue and business opportunities for Timor-Leste by providing commercial carbon management services to the Asian region.



## Progress, outlook and next steps

The Bayu-Undan CCS technical engineering activities are nearing completion. The focus is now on obtaining the necessary regulatory approvals.

### Timor-Leste

- Regulations under development to enable CCS and bilateral conversations between Timor-Leste and Australia

### Santos and Bayu-Undan JV

- FEED in progress
- Target FID readiness in 2025
- Agreements between existing asset owners and customers required

### Northern Territory

- Regulations under development to enable CCS and facilitate bilateral conversations
- Budget allocated for CO<sub>2</sub> pipeline regulations and broader CCS regulations

### Australia

- London Protocol amendments enable export of CO<sub>2</sub>
- Permitting regime required to enable import and export of CO<sub>2</sub>