

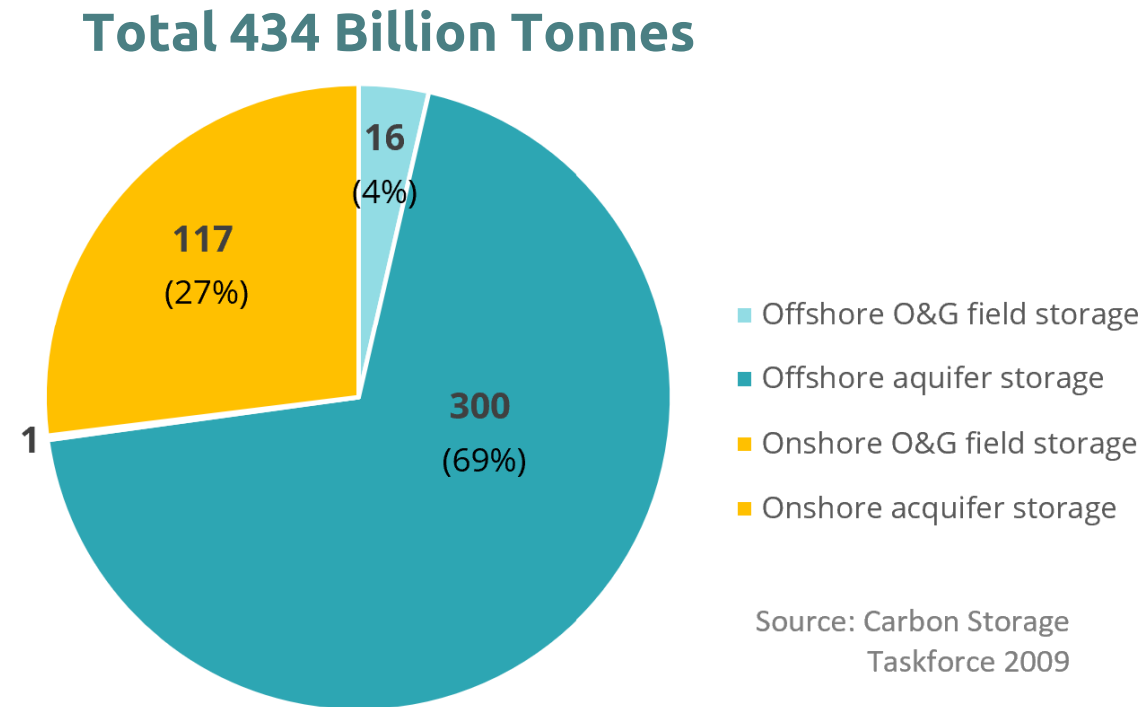
Japan – Australian Transboundary CCS

Presentation for “SESSION 1b: INTERNATIONAL PROJECT ROUNDUP Asia-Pacific”

19th April 2026

Why transboundary CO₂ storage in Australia?

- Australia has ~870 years* net emissions worth of storage.
- CO₂ storage acreages accessible, with abundant technical information publicly available.
- Australia is a party of the London Protocol, with well established CCS legislation and regulation.



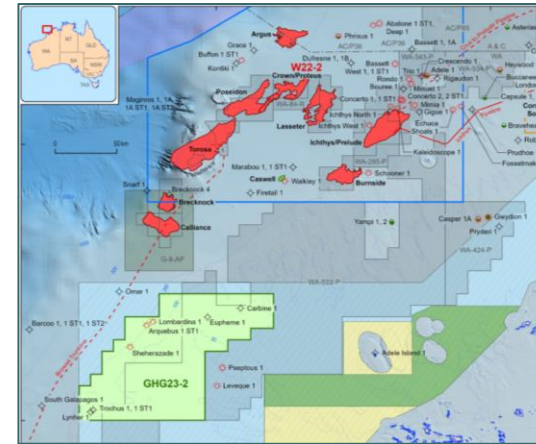
* Australia's 2020 net emissions was ~500 million tonnes CO₂-e as per "Australia's NDC Communication 2022" (Commonwealth of Australia)

Why deepC Store?



- 1) Independent CO₂ storage developer
- 2) 2 awarded offshore CO₂ storage permits with high-quality, > 1 billion (giga) tonnes capacity
- 3) Greenfield sites with no legacy oil & gas interests
- 4) Funding support from Australian Government
- 5) Participation by J-Power & other Japanese stakeholders
- 6) Advances low-pressure liquefied CO₂ R&D with FEnEx CRC

CStore 1 : G-14-AP (Browse Basin)



CStore 2 : G-13-AP (Bonaparte Basin)

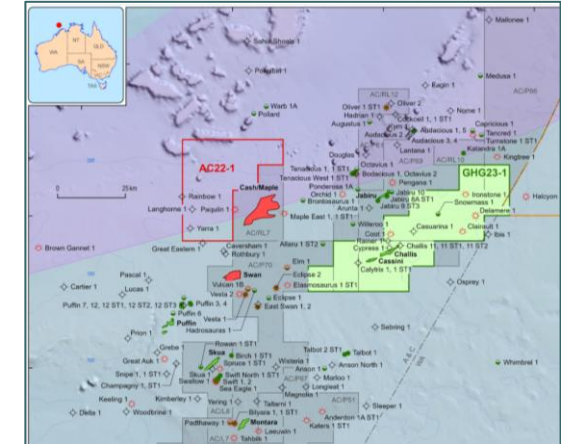
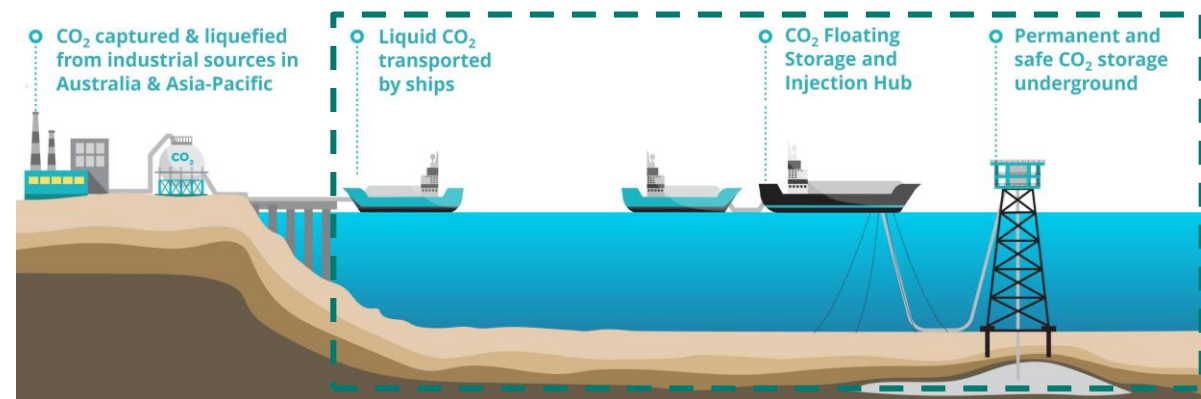


Image of CStore 1 & CStore 2

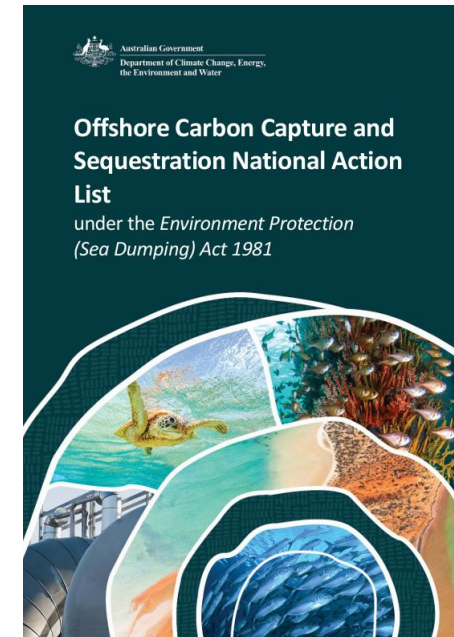


deepC Store collaborates with Japanese CO₂ suppliers & aims to enable early & material CO₂ reduction

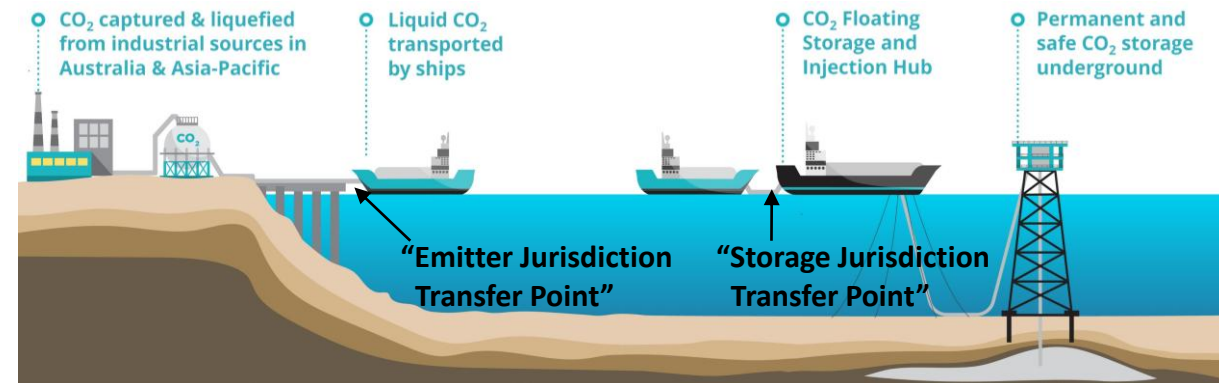


What challenges do we address together?

- ◉ Execution of bilateral agreement / arrangement
- ◉ Harmonisation of regulation across transboundary CCS value chain*
 - National Action List (CO₂ specification)
 - Physical point(s) to subtract CO₂ emissions (“Transfer Point”)
 - Attribution of carbon credits
 - Methodology to calculate quantity of CO₂ emissions reduced
 - Data sharing for CO₂ emissions reduction & carbon credits
 - CO₂ MRV
- ◉ Streamlined regulatory approval processes
- ◉ Improved social acceptance of transboundary CCS



Example of Ship-transportation CCS “Transfer Point”



* Courtesy to CCUS Network Australia for highlighting key matters to address in bilateral agreements / arrangement and to aim harmonizing in APAC.



Thank you

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