

A LOW-COST, LARGE-SCALE CARBON STORAGE BUSINESS

Australia's first pure-play carbon capture and storage company

18,221 km ² ARCKARINGA BASIN	2,070 km ² OTWAY BASIN	~2.0Bt CO ₂ STORAGE CAPACITY	3 STORAGE FORMATIONS
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COMPANY OVERVIEW

Australian Carbon Vault (ACV) is Australia's first and only pure-play carbon capture and storage (CCS) company, pioneering a permanent solution for carbon removal. ACV holds 100% interest in two major projects covering a combined licence area in the Arckaringa Basin and Otway Basin, South Australia.

ACV is uniquely positioned to lead Asia-Pacific decarbonisation efforts, operating in one of the few jurisdictions where commercial CO₂ injection can commence today under a clear, enabling regulatory framework.

Unlike many CCS operators, ACV is solely focused on permanent carbon storage and has no involvement in enhanced oil recovery (EOR) — ensuring its carbon credentials are unambiguous.

WHY SOUTH AUSTRALIA?

- ✓ Attractive geology with quality reservoirs at modest depth
- ✓ Supportive government and regulators that are open for business
- ✓ Clear and certain legislation with a framework in place to move to full field development
- ✓ Fiscal regime in place — small rent rather than royalty, for imports only
- ✓ Access to world-class wind and solar for future DAC operations
- ✓ Proximity to major industrial emitters and existing infrastructure

KEY FACTS

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Australian Carbon Vault Ltd
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FINANCIAL ADVISORY

HSBC mandated to provide equity and debt advisory.

INJECTION READY

Target: 2031
Commercial CO₂ injection ready by 2031, subject to storage approvals and FEED study completion.

VERRA registration approved — proponent added to platform. ESIC-qualified for FY26 (20% tax offset).

"Two complementary projects. One platform for permanent carbon storage. Australia's only pure-play CO₂ storage developer, with a portfolio across the scale curve."

OUR PROJECTS

100% interest in two greenhouse gas storage exploration licences

PROJECT 1 — SOUTHERN CROSS CCS

Arckaringa Basin, South Australia | 8 Gas Storage Exploration Licences (GSELS)

Southern Cross CCS covers 18,221 km² (~4.5 million acres) in the Arckaringa Basin — one of the world's largest onshore carbon storage opportunities. The project targets two distinct storage formations within the Boorthanna Trough.

Carbon Vault 1 — Saline Sandstone Reservoirs
CO₂ injected into saline sandstone reservoirs of the Boorthanna formation at approximately 800 metres depth. Injection into saline sandstones is the most common and well-understood global CCS storage target.

Carbon Vault 2 — Coal Seam Storage via Adsorption
A novel approach in Australia — injecting CO₂ and water into permeable coal seams at approximately 250 metres depth, storing CO₂ via adsorption. This cutting-edge method sets ACV apart in the global CCS landscape and provides dual storage mechanism (pore-space and adsorptive capture).

Licence Area	18,221 km ² (~4.5M acres)
Licences	8 GSELS
2U Prospective	1.6 Bt prospective + 125 Mt contingent
2C Contingent Resource	125 million tonnes CO ₂
CV1 Depth	~800m
CV2 Depth	~250m
Formation Types	Saline sandstone + Coal seams
SEO/EIR Status	Consultation Now Open

PROJECT 2 — PROJECT CARINA*

Otway Basin, South Australia | Gas Storage Exploration Licence (GSEL-B)

Awarded 19 February 2026, Project Carina covers 2,070 km² (~0.5 million acres) in the Otway Basin near Mount Gambier, South Australia. This is ACV's second major storage licence area, strategically located to service point-source emitters and future CO₂ importation from domestic and international customers.

About the Otway Basin
The Otway Basin is a proven sedimentary basin in South Australia with well-established geological understanding and strong infrastructure proximity. The Project Carina licence area provides ACV with a strategic hub in a region primed for carbon storage activity.

SEO/EIR — Under Development
The Statement of Environmental Objectives (SEO) and Environmental Impact Report (EIR) for Project Carina are currently under development. Consultation will open once documents are finalised.

Licence Area	2,070 km ² (~0.5M acres)
Licence Type	GSEL-B
Location	Near Mount Gambier, SA
Basin	Otway Basin
Awarded	19 February 2026
SEO/EIR Status	Under Development

* Pending trademark

PARTNERS, TEAM & COMMERCIAL MODEL

SUPPLY CHAIN & TECHNOLOGY PARTNERS

Airhive 50:50 UJV anchor tenant — 1,000 tpa DAC	Planet Savers Purchase agreement signed — DAC technology	CO2Tech Independent MRV partner
Fearnleys Exclusive shipping advisor	HSBC Mandated pre-FID raise	

THE TEAM

BOARD		
Neil Young	Chairman	30+ years in energy. Focus on business development, gas marketing, commercial. Previously MD of ASX-listed EXR.
Jeremy Jebamoney	Managing Director & CEO	Seasoned energy executive with expertise in the upstream energy sector. Key technical and commercial leadership roles across public and private sectors.
Alicia Genet	Non-Executive Director	20+ years in corporate law, sustainability and governance. Currently General Counsel at Fleet Space Technologies.
Rajita Alwis	Co. Secretary & Acting CFO	25+ years in finance and corporate governance. Fellow of the Governance Institute of Australia; CAANZ.
MANAGEMENT		
Greg Channon	Chief Technical Officer	Geoscientist 35+ years of global experience in technical and leadership roles. Consults and advises companies with assets in Australia, Canada and the USA.
Sanjay Goel	Chief Operations Officer	25+ years in O&G, petrochemicals, CCS and mining. Project Director of the Moomba CCS Project — Australia's only operating onshore CCS project.
Pete Bekkers	Subsurface Manager	Senior geoscience expertise supporting subsurface characterisation and storage assessment.
Nick Fox	Manager External Affairs	Environmental approvals, regulatory pathway and sustainability lead.

COMMERCIAL OPERATING MODEL — INJECTION READY BY 2031

2026 Development	Year 1–2 Construction & Infrastructure	Year 2–3 Construction & Infrastructure	Year 3–5 Operations
✓ VERRA registration approved — proponent added to platform ✓ Airhive UJV signed ✓ Planet Savers purchase agreement signed ✓ CCTP R2 submitted (6 May 2026) ✓ SA Government LoS secured	• CCTP outcome & FEED kickoff (LC) • Appraisal well drilled (both projects) • Southern Cross FEED complete • Binding tenant agreements	• LC: MMV approved FID EPC start • SC: FID Q4 2027 FC Q1 2028 • Construction & infrastructure delivery	• LC: COD Q3 2029 Revenue commences • SC: COD Q1 2032 A\$660m p.a. • Hub expansion & tenant ramp-up • Cross-border CO ₂ import deals

CARBON CAPTURE & STORAGE SUPPLY CHAIN

Extraction & Shipping	Port	Pipeline	Injection & Storage	DAC / BECCS
Upstream point source CO ₂ capture and liquefaction. Transport via specialised cargo to marine terminal.	Dedicated port infrastructure enabling CO ₂ offloading, storage, compression and transfer to pipeline networks.	High pressure transmission pipeline transporting captured CO ₂ from preferred import location to the injection site.	Permanent geological sequestration of CO ₂ through deep injection into reservoirs.	Modular Direct Air Capture units and BECCS capturing atmospheric and biogenic CO ₂ for permanent underground storage.

This fact sheet is for informational purposes only. All resource estimates are independently assessed prospective and contingent resources. This document does not constitute financial or investment advice.