



EMERGING ENERGY VIRTUAL CONFERENCE

SEPTEMBER 2024


Mr Noel Newell
Executive Chairman
3D Energi Limited (ASX: TDO)

THE EMERGING GAS SUPPLY SOLUTION FOR EAST COAST AUSTRALIA

3D Energi has developed a high-impact portfolio of offshore Australian exploration permits.


WA-527-P (100%)
Bedout Sub-Basin

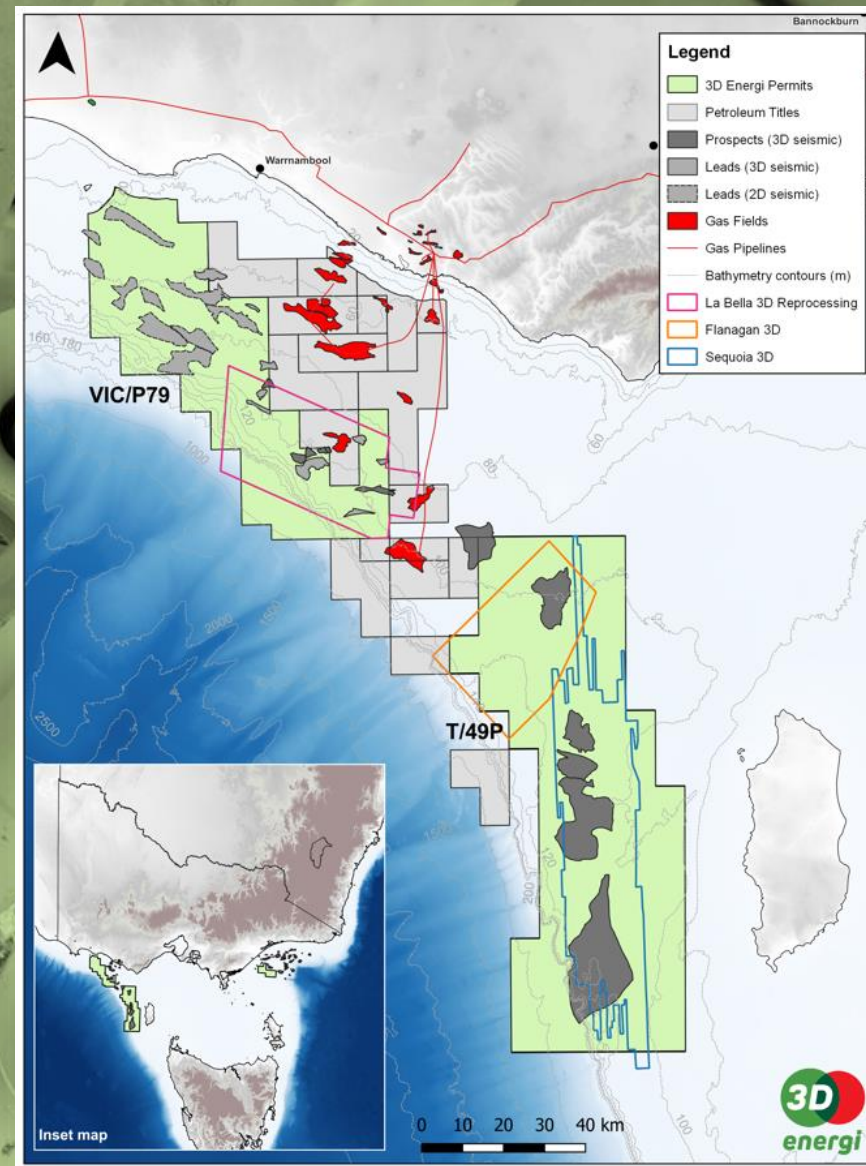


GSEL 759 (100%) 
Otway Basin



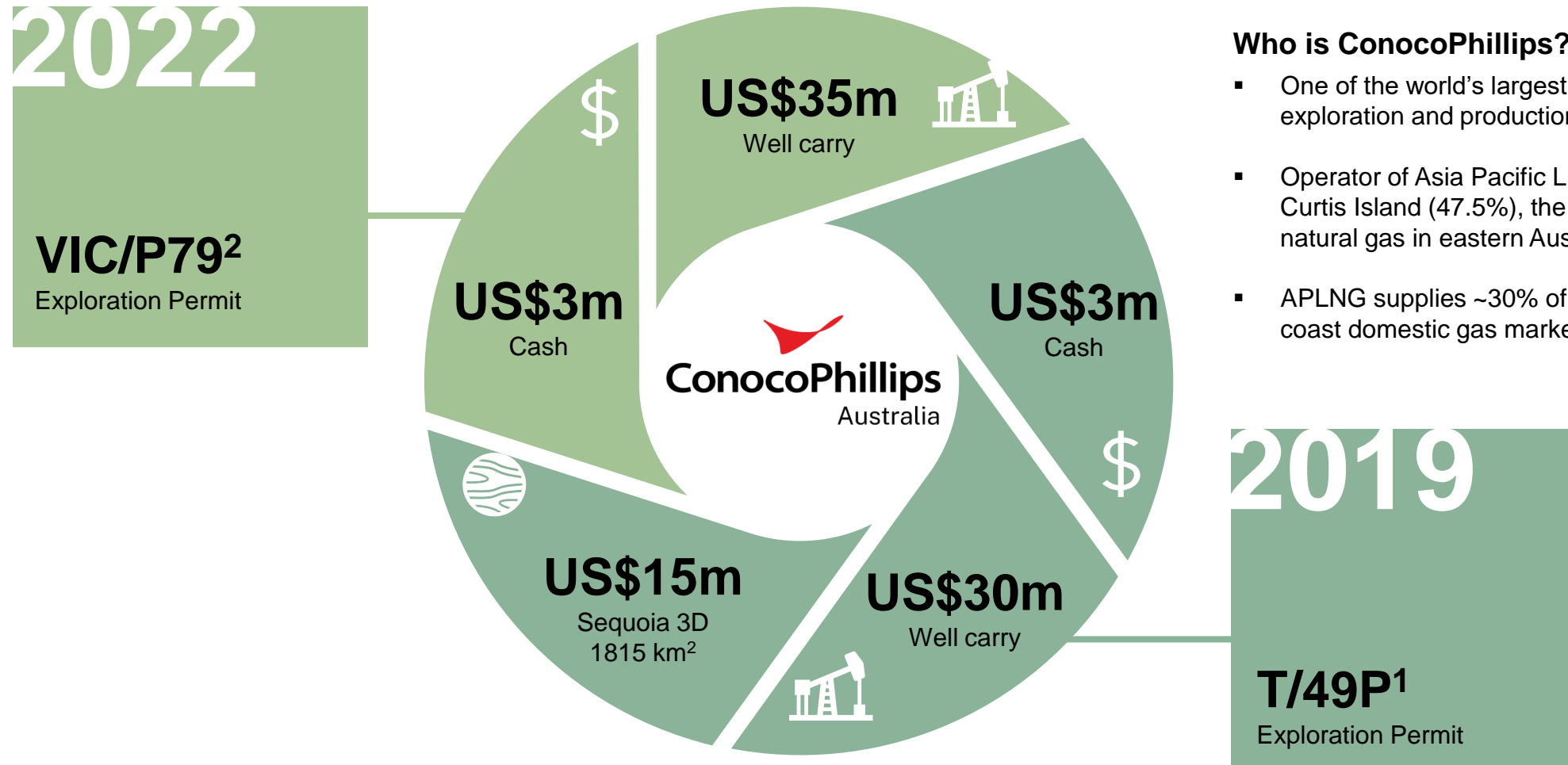
VIC/P74 (100%) 
Gippsland Basin

VIC/P79 (20%) & T/49P (20%) 
Otway Basin



OTWAY FARMOUT DEALS WITH CONOCOPHILLIPS AUSTRALIA

2 high impact farmout deals have been achieved with ConocoPhillips Australia over the past 5 years.



Who is ConocoPhillips?

- One of the world's largest independent exploration and production (E&P) companies.
- Operator of Asia Pacific LNG export facility on Curtis Island (47.5%), the largest producer of natural gas in eastern Australia.
- APLNG supplies ~30% of the Australian East coast domestic gas market.

(1) Refer to ASX announcement dated 18 Dec 2019 re farmout of T/49P to ConocoPhillips Australia
 (2) Refer to ASX announcement dated 21 Oct 2022 re farmout of VIC/P79 to ConocoPhillips Australia

OTWAY OVERVIEW

The Otway Basin will be critical for the delivery of new gas reserves to the east coast gas market.

THE ISSUE

East coast facing gas crisis with rapid production decline from southern gas fields. Increasing risk of peak daily shortfalls from 25'.

Largest acreage holders Bass Strait

7265 km²

VIC/P79 and T/49 exploration permits

~3924 km²

Recently processed/reprocessed 3D seismic

2

Firm exploration wells in 2025 (Phase 1)

The two best farmin deals in 2 decades

US\$65 m

Well carry from ConocoPhillips Australia

6

Prospect with Direct Hydrocarbon Indicators in VIC/P79

≤4

Exploration wells contingent on Phase 1 results (2026-2028)

2

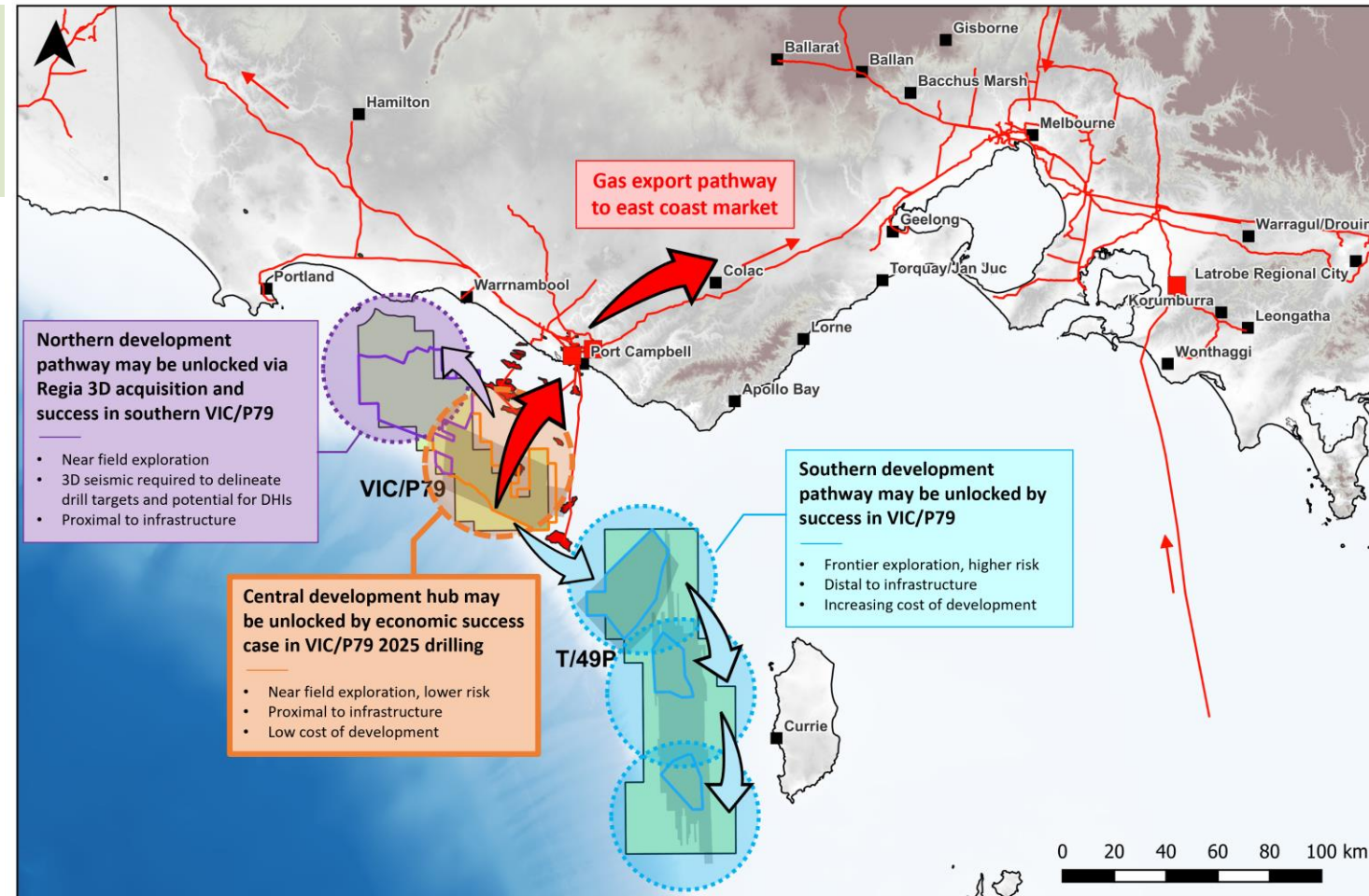
Proximity to local gas plants and associated infrastructure

CONCEPTUAL OTWAY GAS DEVELOPMENT SCENARIO¹

As part of an emerging strategy to fast-track a pathway to a commercial gas development.

Negotiated flexibility to apply US\$30M T/49P well carry in either permit.

- Under scenario where second well drilled in VIC/P79 in Phase 1 Otway Drilling.
- Amendment to original FOA ensures TDO retains its US\$30M well carry.
- Emerging strategy enables the Joint Venture to manage exploration prospects within both permits as one large portfolio.
- Ability to optimise decision-making around exploration drilling that facilitates a faster pathway to a commercial project.
- Incorporates proximity to infrastructure, risk, and estimates of prospective resources.



Legend

- 3D Energi Permits
- Gas Fields
- Gas Pipelines
- Gas Plants
- 3D seismic

OEDP operational areas

- T/49P
- VIC/P79 North
- VIC/P79 South

Conceptual Field Development Phases

- Northern development pathway
- Central development hub
- Southern development pathway
- Progressive development pathways
- Gas export pathway

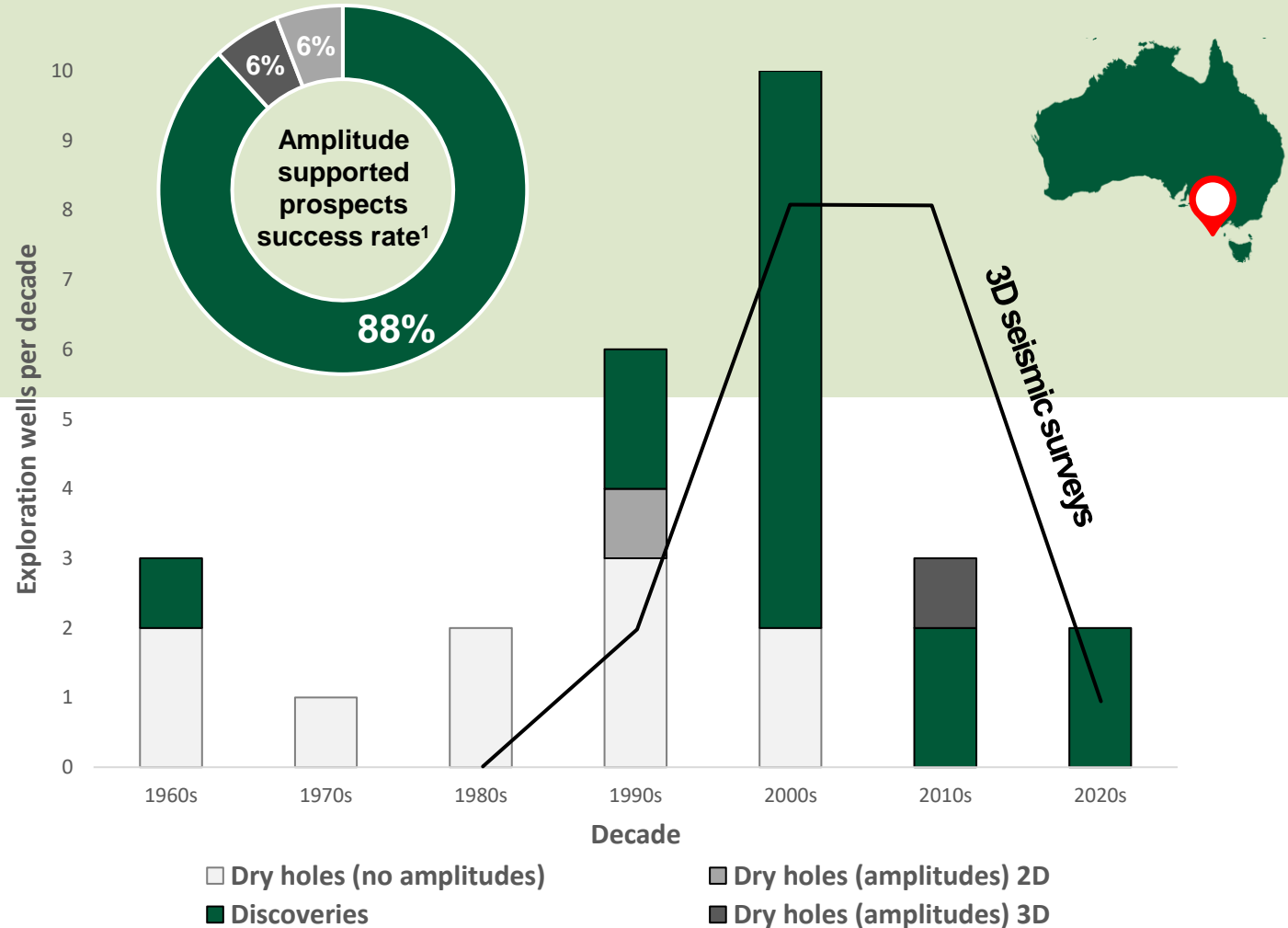
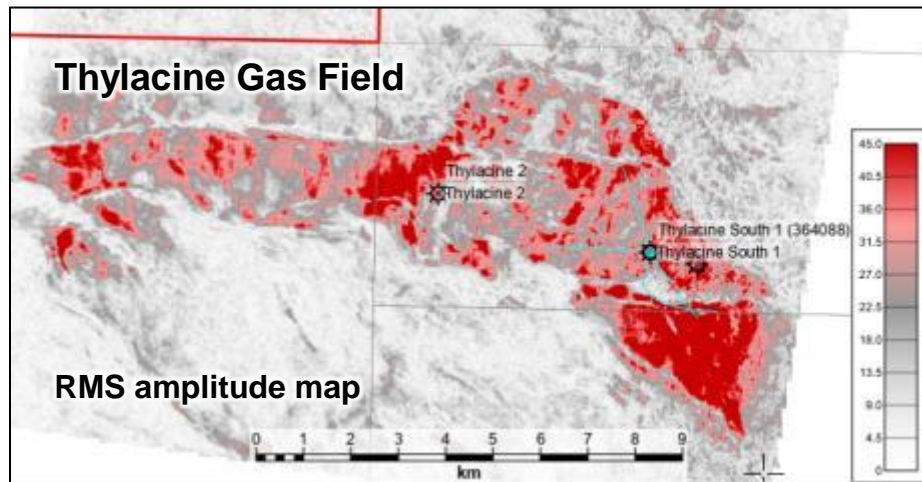
¹TDO ASX release 29 June 2024

HIGH SUCCESS RATE DRILLING WITH 3D SEISMIC IN THE OTWAY BASIN

The Otway Basin has an outstanding success rate drilling amplitude supported prospects.

88% success rate drilling amplitude supported prospects on 3D seismic

- Many early exploration failures targeting non-amplitude supported prospects.
- Only 1 dry hole targeting amplitude supported leads in the last 20+ years (prospect has poor amplitudes).
- Success rates tied to increasing application of good quality 3D seismic.



(1) Conan-1 and Thistle-1 included in Otway Basin amplitude supported dry holes.

REGIA MC3D – FACILITATING PHASE 2 OTWAY DRILLING IN VIC/P79 NORTH

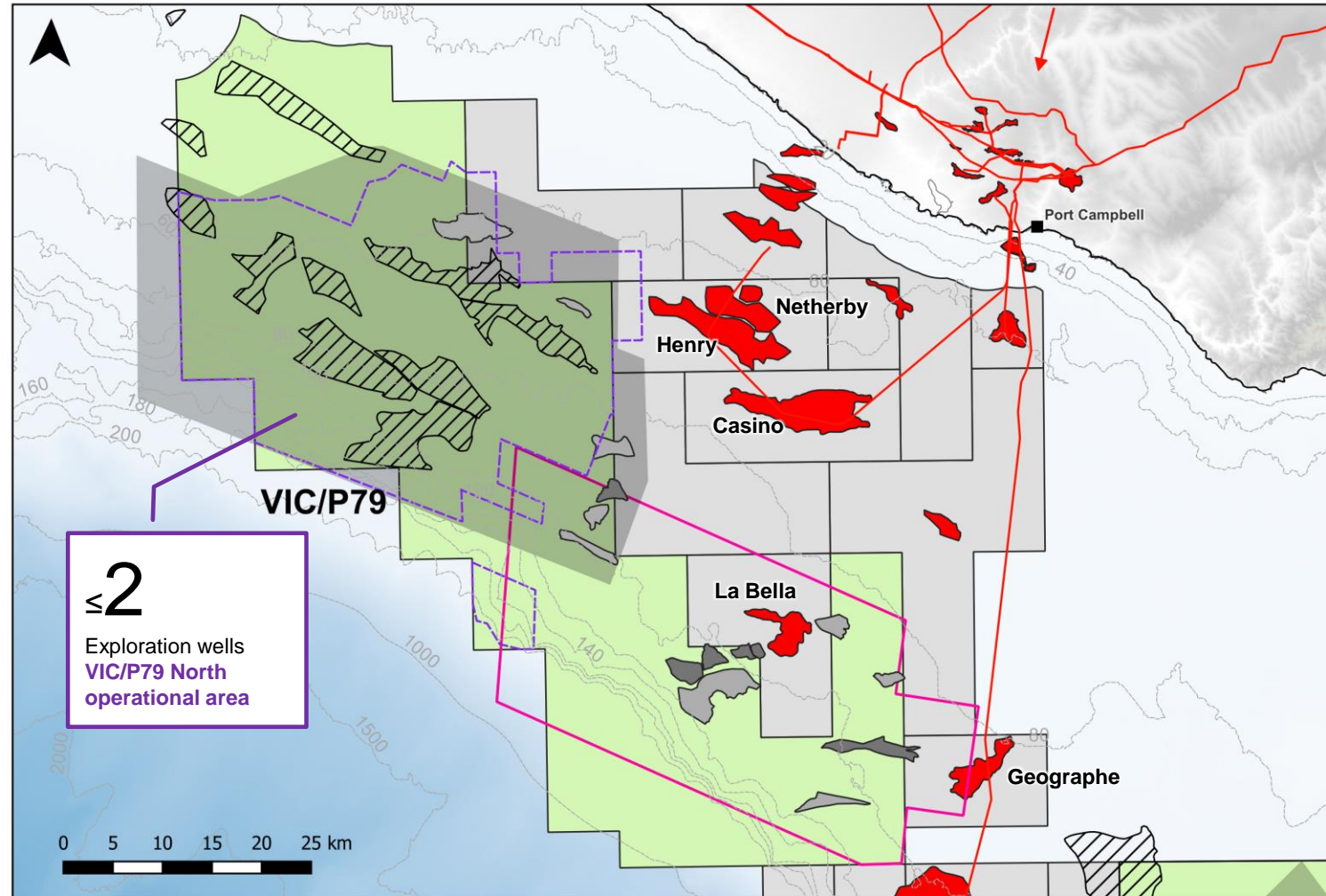
Regia 3D seismic

1000 km²

minimum work commitment

Targeting northern VIC/P79

- Regia 3D covers **VIC/P79 North** OEDP operational area, currently devoid of 3D seismic.
- Regia will support decision-making around OEDP Phase 2 drilling in the **VIC/P79 North** operational area.
- Highly prospective exploration area lies outboard of existing gas discoveries.
- EP submitted for assessment
- Acquisition timing subject to EP and vessel availability.



Legend

- 3D Energi Permits
- Petroleum Titles
- Gas Fields
- Gas Pipelines
- Gas Plants

Seismic

- La Bella 3D seismic reprocessing
- Regia 3D seismic (max extent)

OEDP operational areas

- VIC/P79 North

Leads and Prospects

- Defined by 3D seismic
- Defined by 3D seismic
- Defined by 2D seismic

EAST COAST GAS DEMAND IS STRONG

All evidence points to strong future demand for east coast gas.

“ While we invest in cleaner and cheaper energy for the future, gas will continue to play a role in supporting the transition to renewables, particularly as coal-fired generation leaves the system

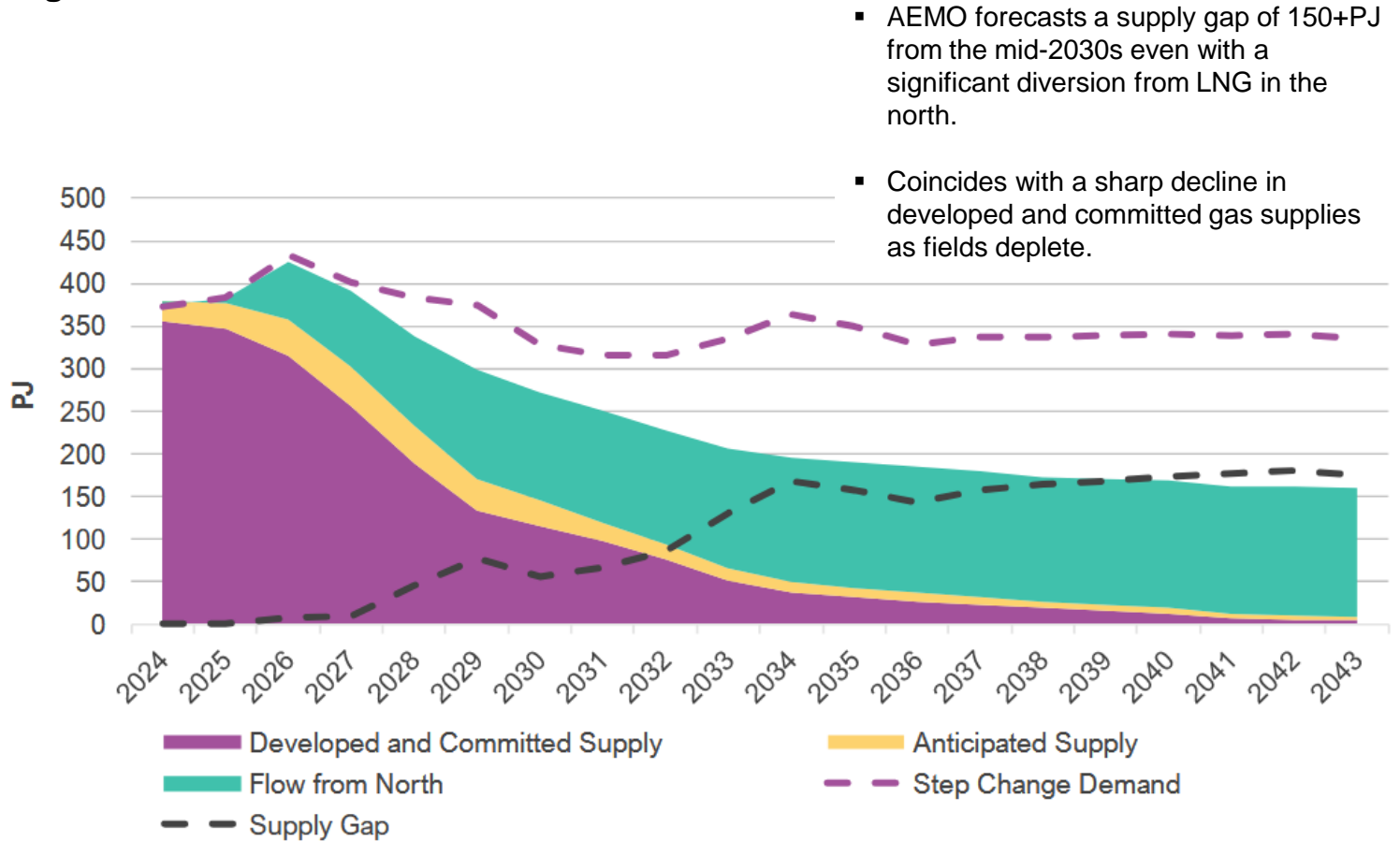
Annual Climate Change Statement 2023

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“ As the Bass Strait gas fields depletes, new sources are going to be required to underpin reliability and security

Chris Bowen, Climate Change and Energy Minister
WA Energy Transition Summit, 17th November 2023

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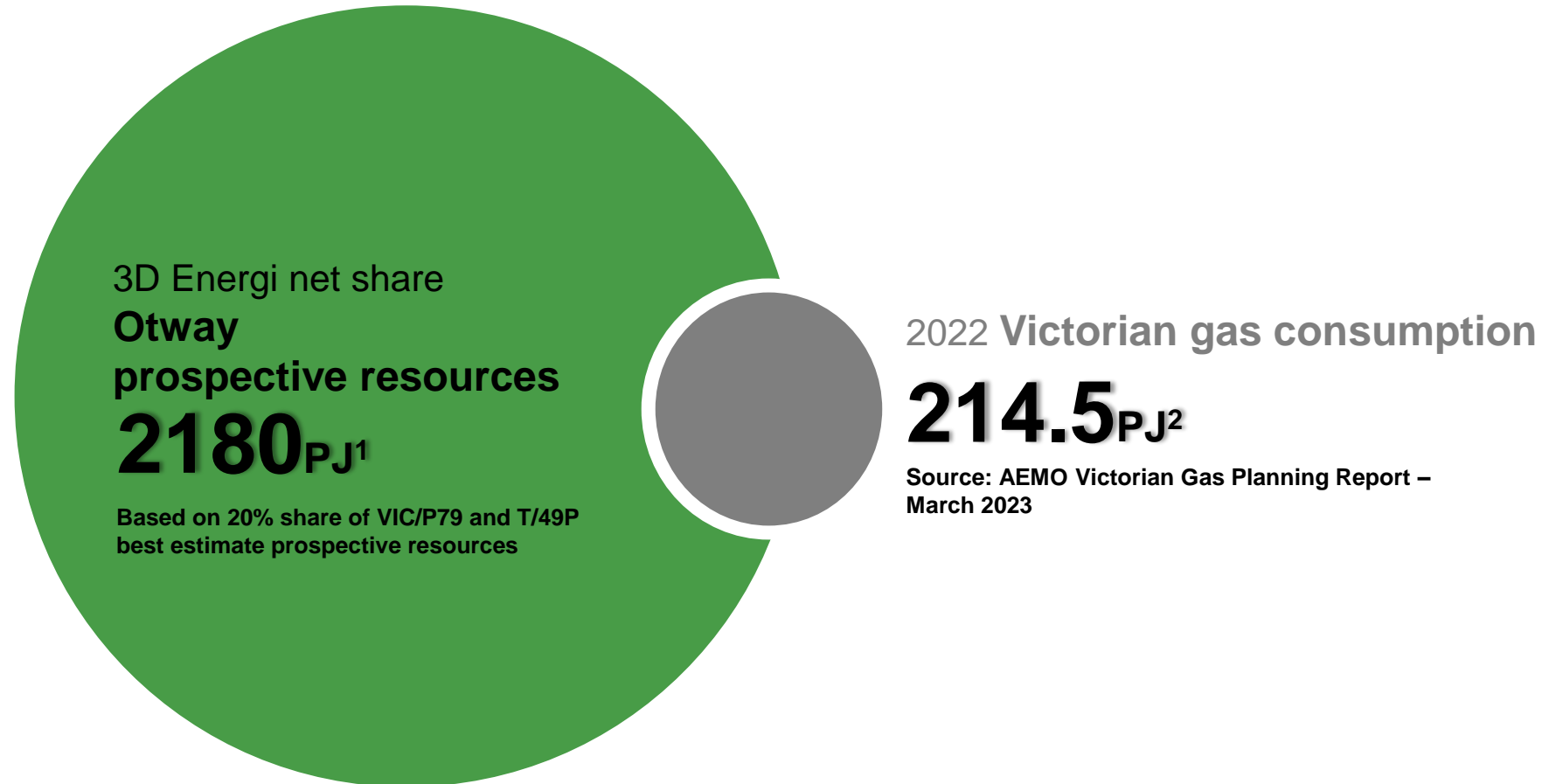
- AEMO forecasts a supply gap of 150+PJ from the mid-2030s even with a significant diversion from LNG in the north.
- Coincides with a sharp decline in developed and committed gas supplies as fields deplete.

Projected annual gas supply adequacy in southern regions – Step Change scenario, 2024 – 43 (PJ)

Source: AEMO – 2024 Gas Statement of Opportunities

PLACING OUR PROSPECTIVE RESOURCES IN CONTEXT

12 Tcf gross prospective resource have been identified in 3D Energi exploration permits across Bass Strait.



Refer to prospective resources cautionary statement in Annual Report

(1) PJ (unit of measurement of energy consumption)
(2) Source: AEMO Victorian Gas Planning Report – March 2023

TDO ASX release 24 June 2024

GAS SALES RIGHT OF FIRST REFUSAL DEED SIGNED IN REGARD TO THE SALE OF TDO'S SHARE OF FUTURE GAS PRODUCTION

Agreement provides 3D Energi with a mechanism to achieve market parity pricing whilst also providing ConocoPhillips Australia first access to the gas.

OUR PATHWAY INTO THE EAST COAST GAS MARKET

The Joint Venture is rapidly progressing towards the drilling of 2 exploration wells.

'24



Drill Planning

Approvals, site surveys,
well design, procurement



Subsurface Evaluation

Sequoia / La Bella 3D seismic
Prospective resources



Otway Portfolio

Final prospect inventory and
selection of final drill targets

'25

PHASE 1



2 Exploration Wells

High impact gas prospects
US\$65M well carry

'26>

PHASE 2

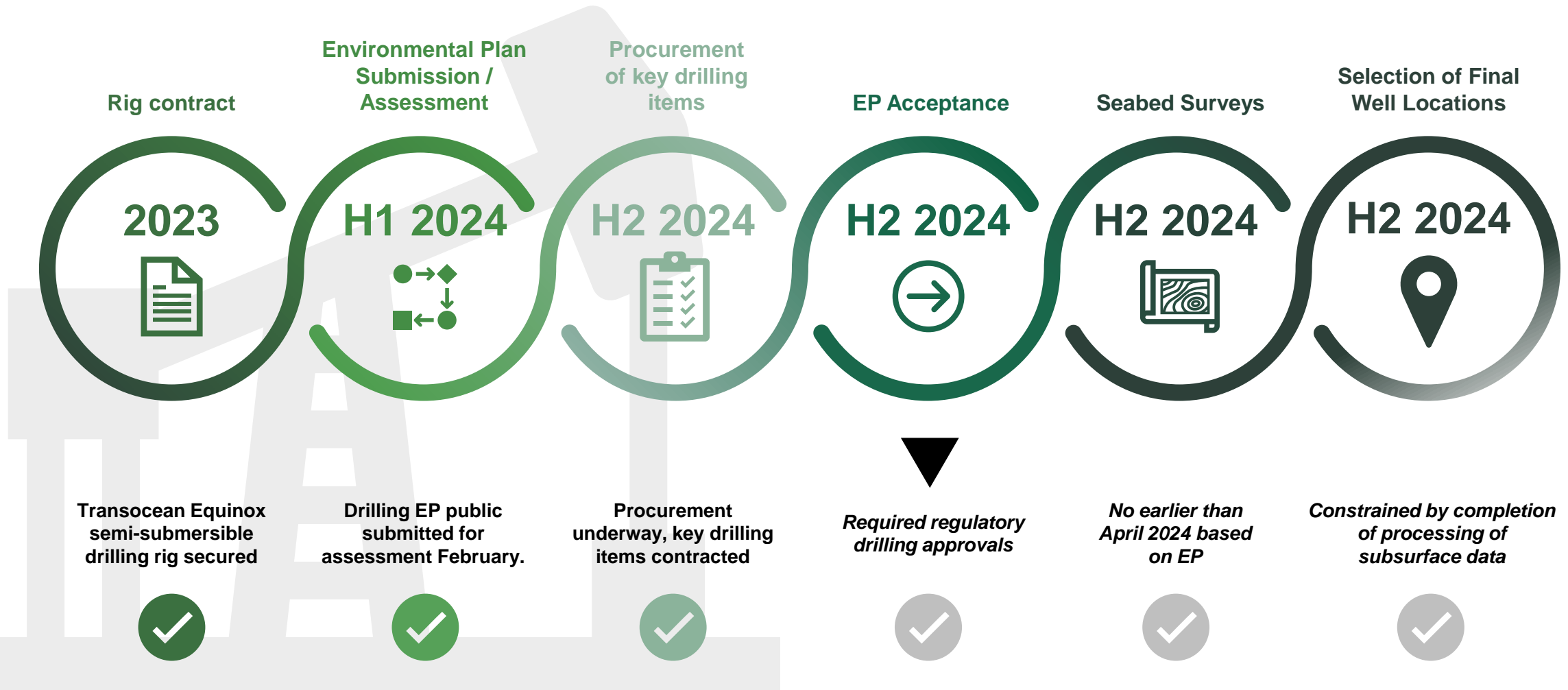


≤4 Exploration Wells

Contingent on Phase 1
drilling results

'24 – OTWAY DRILL PLANNING

2025 exploration drilling program largely funded by Joint Venture partner ConocoPhillips Australia¹.





CORPORATE OVERVIEW

An experienced oil and gas explorer poised to deliver transformational growth...

Market

Shares on Issue
331.4m

Share Price
7.4¢
September 2024

Market Cap
24.52m

Top 20 Shareholders
54.9%

Cash

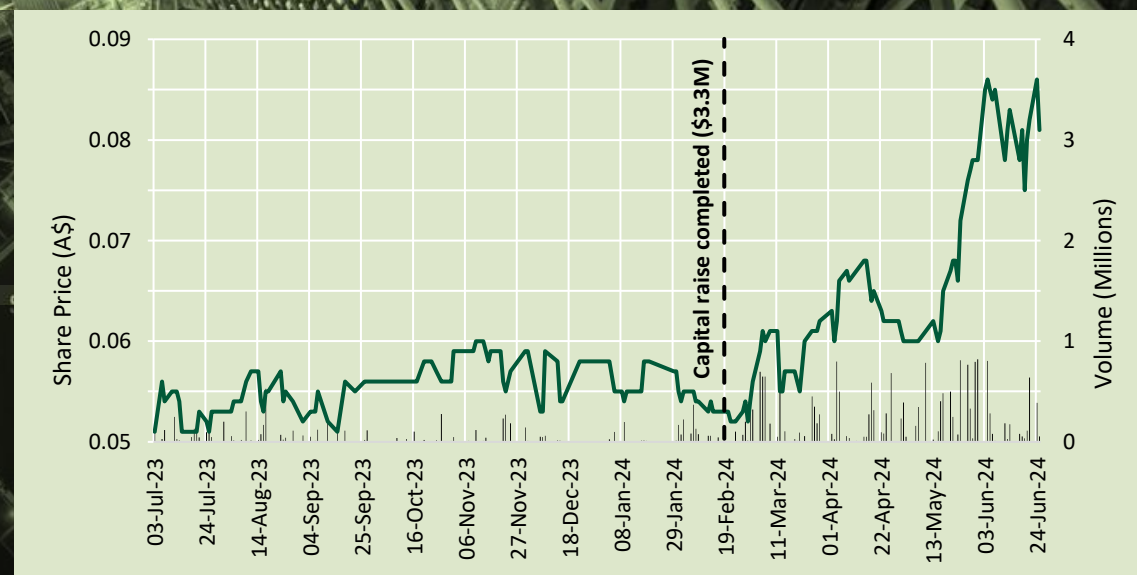
Cash Balance
\$3.1m
June 2024

Debt
Nil

Exploration

Exploration funding
~A\$100m
2 exploration wells

Prospective Resources
1249
Best Estimate (Net Recoverable MMBOE)



INVESTMENT VALUE

3D Energi continues to organically build shareholder value through our operations across Australia.



Outstanding Otway portfolio

Robust portfolio of near-field exploration prospects, adjacent to existing gas fields, including multi-Tcf drill targets.



Proximal to existing infrastructure

Proximity to existing underutilised gas pipelines and plants.



Strong east coast gas market

Looming gas shortfall across the east coast and strong role for gas to support the energy transition over the coming decades.



Project deliverability established

Joint Venture established with ConocoPhillips Australia, including well carry for 2 firm wells, capped at combined US\$65M.



Near term drilling program

Preparations advanced towards the drilling of 2 firm exploration wells in 2025.



Diversity of projects

Pipeline of projects ready to recreate value creation pathway of the Otway, including petroleum and gas storage exploration opportunities.

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