

transformational

INVESTOR PRESENTATION

JULY 2025

Mr Noel Newell
Executive Chairman



3D Energi Limited (ASX: TDO)



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All information in this presentation is current as at the date of this release, unless otherwise stated.

INVESTMENT OPPORTUNITY



High-Impact Drilling Program in 2025

Multi-well offshore exploration campaign targeting low-risk, seismic supported traps

Strategic Position in a Supply Constrained Market

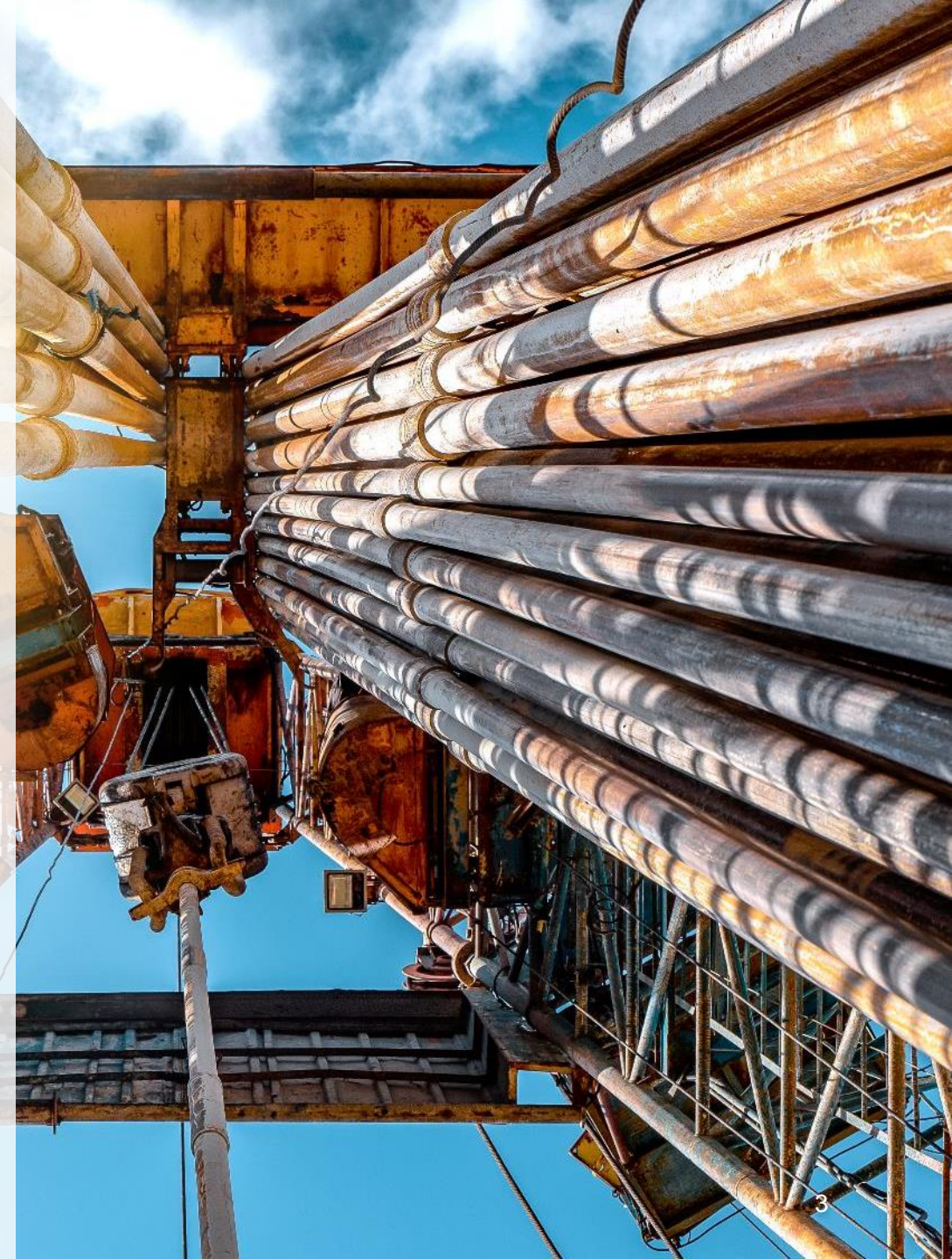
Poised to deliver into Victoria's tightening gas market as legacy fields decline

Proximity to Infrastructure & Markets

Gas targets proximal to fields, pipelines and processing, enabling fast, cost-effective development

Low Market Capitalisation, High Leverage to Success

Early-stage valuation with significant upside in the event of a gas discovery



3D ENERGY IS POSITIONED TO SUCCEED



High-Impact Drilling Program in 2025

Multi-well offshore exploration campaign targeting low-risk, seismic supported traps

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Poised to deliver into Victoria's tightening gas market as legacy fields decline

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Gas targets proximal to fields, pipelines and processing, enabling fast, cost-effective development

Low Market Capitalisation, High Leverage to Success

Early-stage valuation with significant upside in the event of a gas discovery

Robust Prospect Portfolio

51 mapped prospects supported by 3D seismic — ranked by scale, maturity, and development potential

Attractive Farm-In Deal with ConocoPhillips Australia

~A\$100m carry towards gross drilling costs of two (2) low risk exploration wells

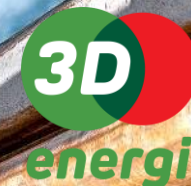
Exploration Hotspot with Peer Activity

Otway Basin seeing renewed exploration interest — recent entry of Korea National Oil Company to the JV validates prospectivity

Clear Path to Commercialisation

Potential tie-in to existing infrastructure on success enables accelerated route from discovery to production

COMPANY OVERVIEW



Shares on Issue
333.4m

Share Price
13.5¢

1 July 2025

Market Cap
45.01m

Top 20 Shareholders
52.5%

Cash Balance
\$1.24m

March 2025

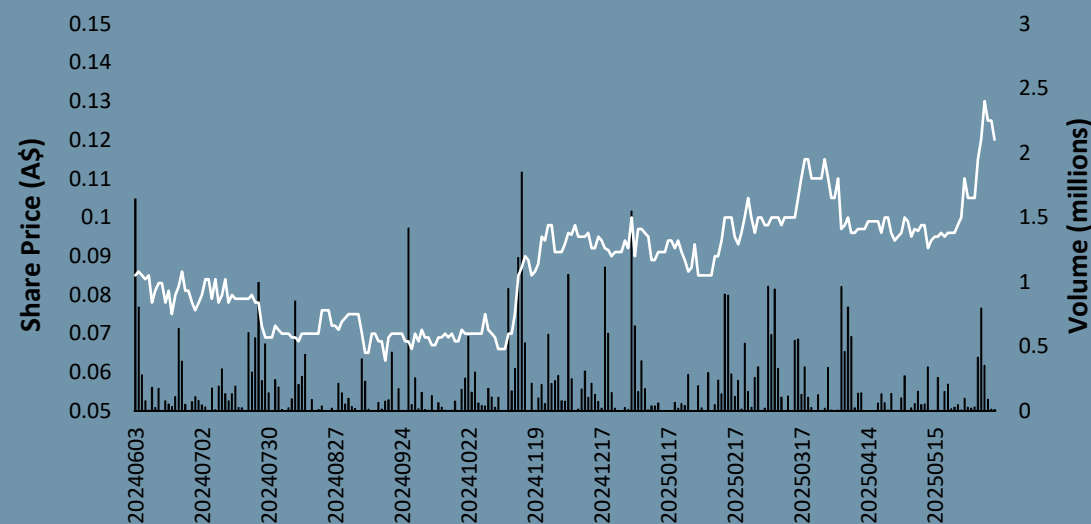
Debt
Nil

Exploration carry
~A\$100m

2 exploration wells

Prospective Resource
1.8 Tcf¹

Mean Recoverable Gas



¹Prospective resources are those estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both a risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially recoverable hydrocarbons.

PROJECT PORTFOLIO

WA-527-P (100%)

Bedout Sub-Basin
Oil and gas exploration

349MMbbls*

Best Estimate
Prospective Resource



THIS PRESENTATION

GSEL759 (100%)

Onshore Otway Basin
Gas storage exploration,
Caroline Field

VIC/P79 (20%)

Offshore Otway Basin
Gas exploration

400Bcf¹

Best Estimate
Prospective Resource

T/49P (20%)

Offshore Otway Basin
Gas exploration

762Bcf¹

Best Estimate
Prospective Resource



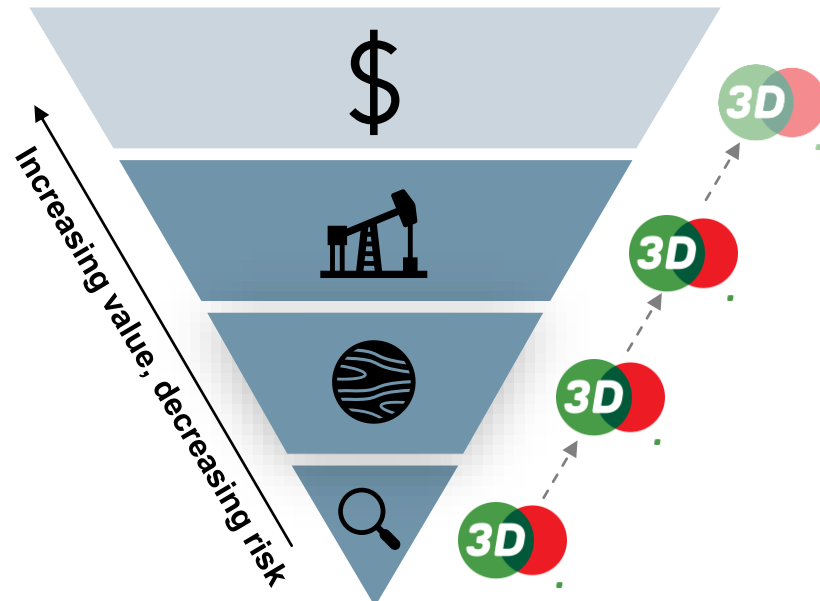
We are strategically positioned adjacent to the under supplied east coast gas market and progressing towards our vision of becoming an east coast gas producer.



1) Refer to prospective resources cautionary statement on slide 5 of this presentation

3D Energi's **business model is built on capturing value early**—identifying and de-risking opportunities, then **leveraging farm-outs** to fund capital-intensive phases.

3D ENERGI IS CLIMBING THE VALUE LIFT PYRAMID



Value realisation

Development & production

Clear value progression

- ✓ Progressing rapidly toward value realisation with minimal capital exposure
- ✓ Approaching readiness for high-impact Otway Exploration Drilling Program



Value creation

Exploration drilling and reserves

Achieved strong value creation in the Otway

- ✓ Successfully farmed out two Otway permits to ConocoPhillips Australia
- ✓ ~A\$100M gross well carry for 2 firm exploration wells



Value proposition

Subsurface evaluation and prospective resources

Strong resource base across our assets

- ✓ We continue to strengthen our portfolio — identified 51 potential drill targets in the Otway — net TDO mean prospective resource of **1.8 Tcf¹**.
- ✓ **~350MMbbls¹** best estimate prospective resource identified in highly prospective Bedout Sub-Basin



Value identification

Acquisition of new exploration, development, production opportunities

Strategic portfolio and location

- ✓ VIC/P79 identified in 2020, awarded 2022, exploration drilling in 2025.
- ✓ Low risk prospects adjacent to infrastructure and undersupplied market
- ✓ **Diversification of energy solutions:**
- ✓ Strong oil asset adjacent to Dorado in the Bedout
- ✓ Entry into onshore gas storage exploration

1) Refer to prospective resources cautionary statement on slide 5 of this presentation

OTWAY BASIN: THE CENTRE OF EAST COAST GAS EXPLORATION

ConocoPhillips
Australia

NOC 3D
energi

Amplitude
energy

O.G. Energy

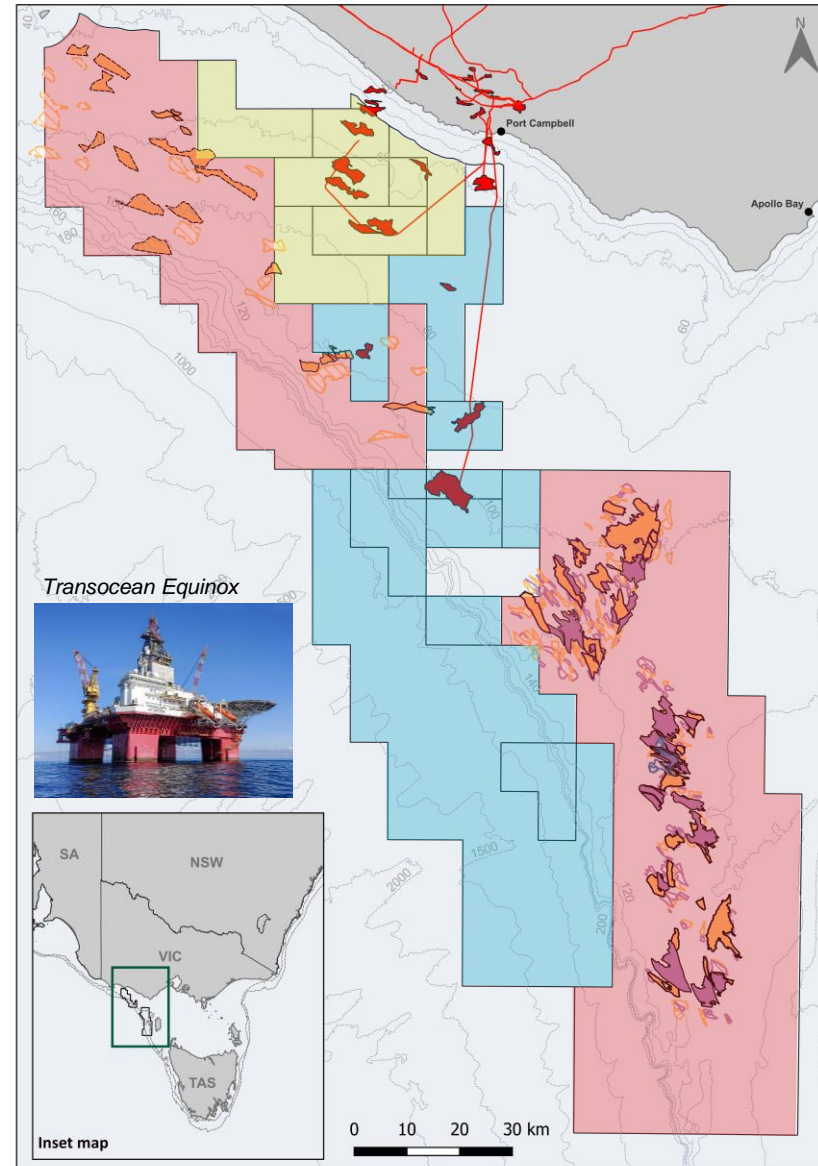
beach

O.G. Energy



Strong demand outlook

Otway Basin gas is well positioned to supply tightening East Coast markets, with proximity to key infrastructure and population centres.



Left: Otway Basin exploration permits map



Strategic investment interest

Entry and expansion of majors and NOCs (e.g. ConocoPhillips Australia, KNOC¹) and O.G Energy in the basin highlights growing recognition of the basin's **untapped value**.



Significant near-term drilling program

Transocean Equinox drilling rig in the Otway for a major **16-well** campaign with **380 firm days**, plus optional days, over the next 12-18 months.



Supportive development landscape

Existing pipelines, processing capacity, and recent change in government interest to boost domestic gas supply makes **development faster and more cost effective**.



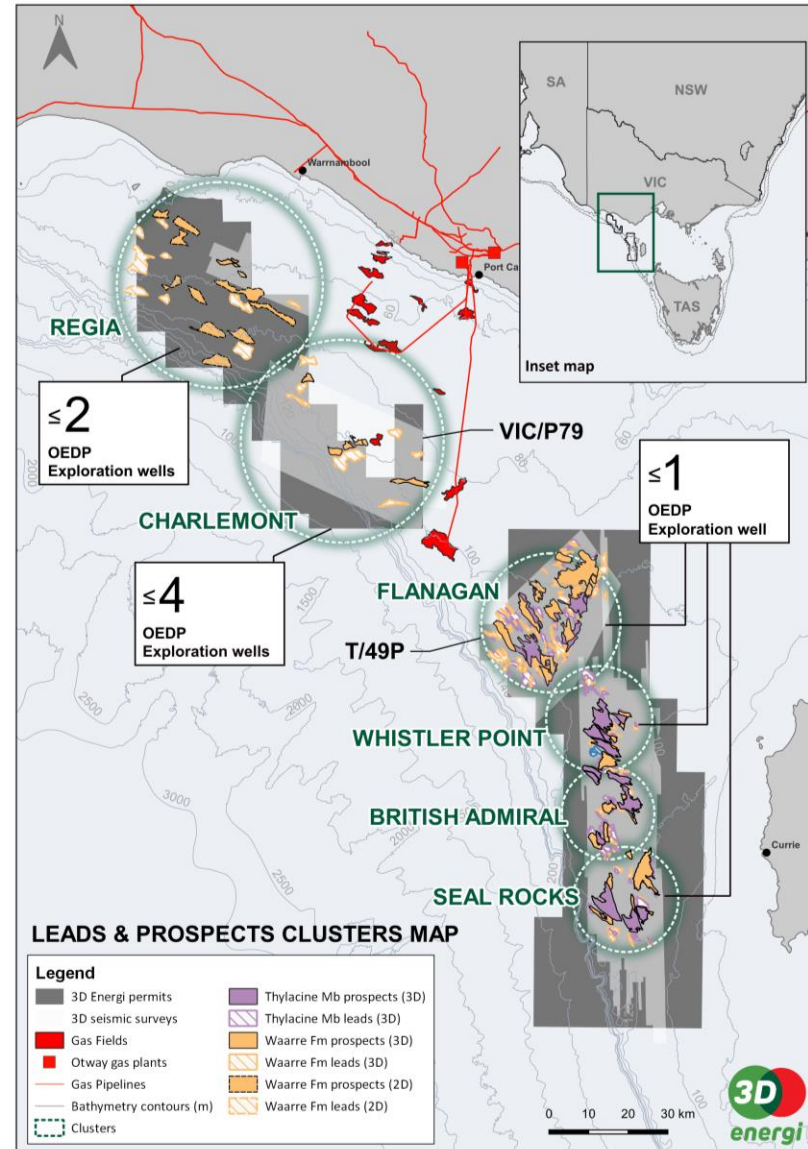
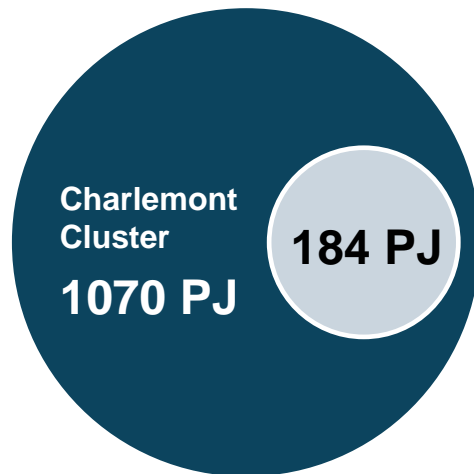
Underexplored with world-class exploration success rates

Significant remaining gas potential in an **underexplored** basin with **world-class** exploration success rates drilling amplitude supported prospects with modern 3D seismic.

1) Refer to TDO ASX release [16 May 2025](#). The farm-in by Korea National Oil Corporation (KNOC) is subject to approval by the Foreign Investment Review Board (FIRB) and other applicable regulatory authorities.

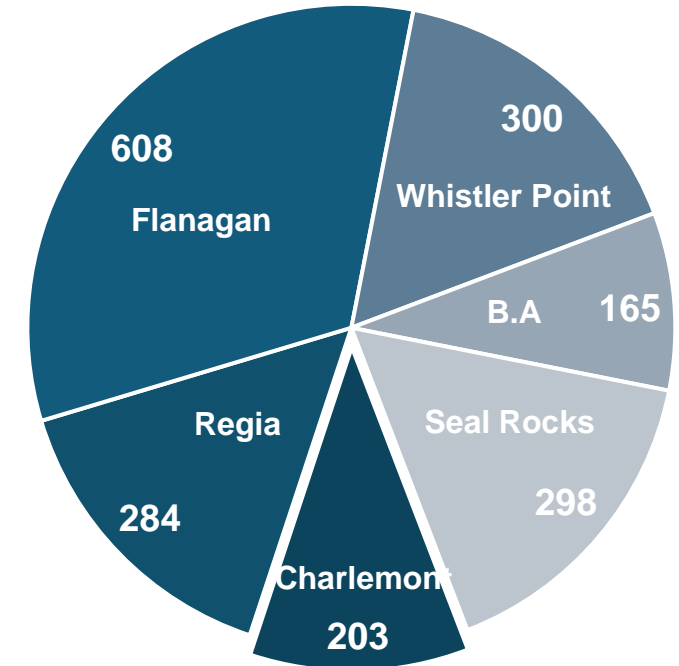
MULTI-TCF GAS PORTFOLIO IN A PROVEN BASIN

Charlemont Cluster – Gross mean prospective resource (PJ)



Permit location map in the offshore Otway Basin with prospect clusters

All Clusters – Net TDO mean prospective resource (Bcf)¹ – 1858 Bcf



51 prospects identified across VIC/P79 and T/49P with a combined mean prospective resource of 9.2 Tcf (Gross) – 1.8 Tcf net to TDO^{1,2}

The largest disclosed prospective resource in the offshore Otway Basin, located within 6 prospect clusters

This portfolio positions TDO as a **leading exploration player** in southeast Australia's premier gas basin

1) Refer to prospective resources cautionary statement on slide 5 of this presentation

2) Refer to TDO ASX release [30 June 2025](#)

OTWAY EXPLORATION DRILLING PROGRAM (OEDP)

The Otway Joint Venture with ConocoPhillips and KNOC strategically positions 3D Energi to **share exploration risk**, access **world-class technical expertise**, strengthen our **financial and operational capacity**, and **enhances investor confidence** through alignment with globally respected Joint Venturers².



2025
PHASE 1
OEDP

2
Firm
Exploration wells

\$65m
Well carry from
ConocoPhillips¹

The **Otway Exploration Drilling Program** proposes the drilling of **up to 6 exploration wells** and will be completed in two (2) phases.

Two (2) firm wells have been contracted for Phase 1 (2025), followed by up to **four (4) optional wells** in Phase 2.



'26-'28
PHASE 2
OEDP

≤4
Optional
Exploration wells

**Phase 2 is
contingent on
Phase 1 results**

1) One exploration well carry for up to US\$35m, one carry for up to US\$30m.

2) Refer to TDO ASX release [16 May 2025](#). The farm-in by Korea National Oil Corporation (KNOC) is subject to approval by the Foreign Investment Review Board (FIRB) and other applicable regulatory authorities.

OTWAY EXPLORATION DRILLING PROGRAM (OEDP) MILESTONES

Transocean Equinox rig



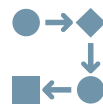
Near-term drilling program
Phase 1 of the OEDP is currently scheduled to begin in September 2025.

**Q3
2023**



Rig contract

**Q4
2023**



Environmental Plan
Submission

2024



Procurement of
equipment/services

**Q1
2025**



EP Acceptance

**Q2
2025**



Seabed Surveys

**Q2
2025**



Selection of Final
Well Locations

**Q3
2025**



Phase 1 OEDP
Commences

OTWAY EXPLORATION DRILLING PROGRAM (OEDP) TARGETS

Transocean Equinox rig



Essington-1 Q3 CY2025

Well 1 Phase 1

Prospective Resource¹

262 Bcf* gross mean –
52 Bcf* net mean TDO

Chance of Success

Waarre C: **76% CoS**
Waarre A: **68% CoS**



Charlemont-1 Q4 CY2025

Well 2 Phase 1

Prospective Resource¹

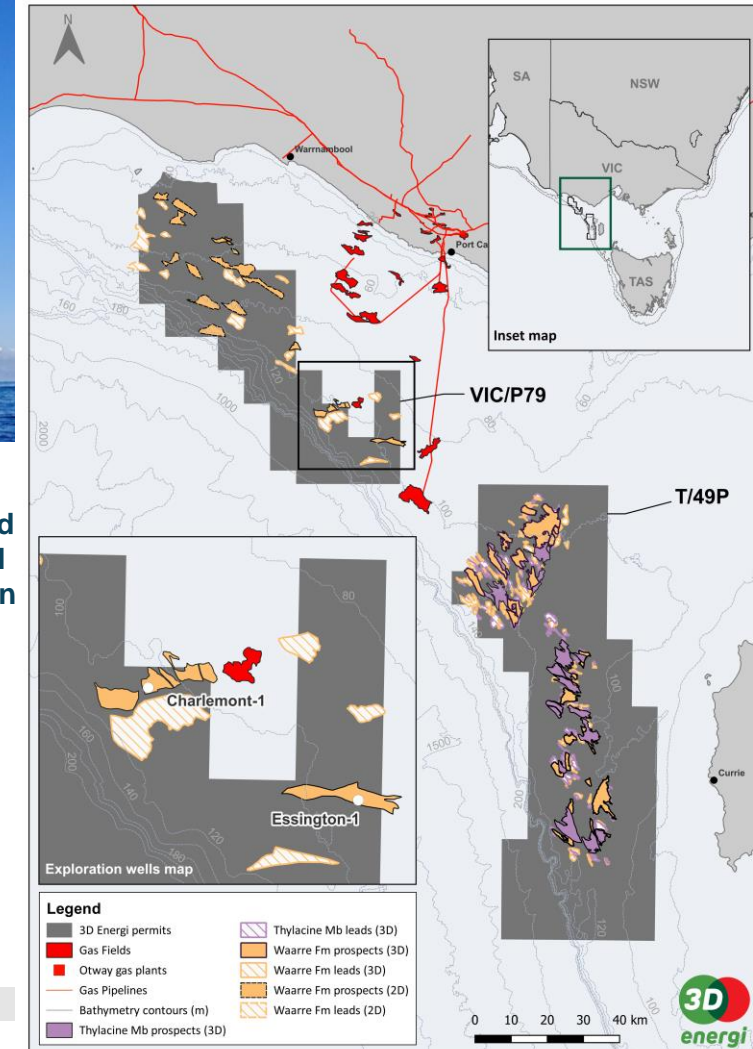
93 Bcf* gross mean –
19 Bcf* net mean TDO

Chance of Success

Waarre A: **81% CoS**



Targeting DHI-supported prospects with potential for commercialisation on success via tie-back to proximal infrastructure²



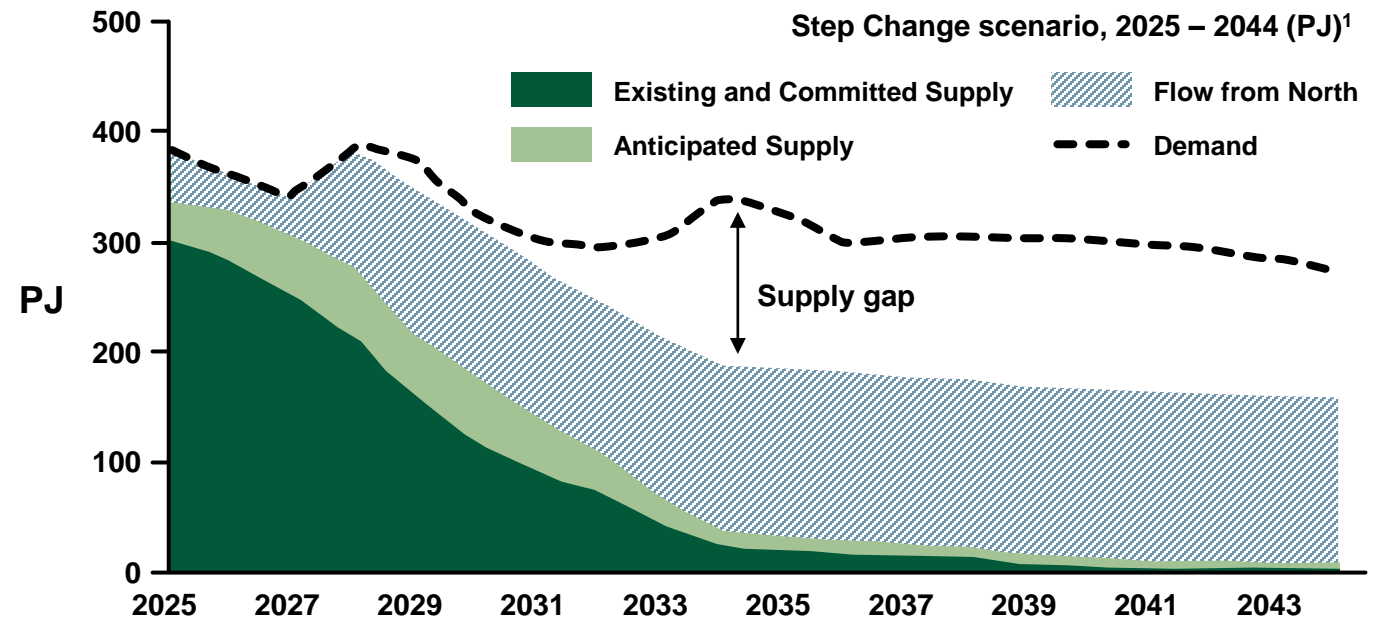
1) Prospective resource is mean unrisks recoverable. Refer to Page 5 for prospective resources cautionary statement. Prospective Resource estimates have both a technical (CoS) and commercial (CoD) risk component. Prospective Resources have not been adjusted for the Chance of Development (CoD), which requires consideration of many contingencies, including economic, legal, regulatory, markets, political, social, relevant approvals, project finance and development timing.

2) No permissions or agreements exist for tie-in to existing infrastructure.

OEDP TIMED TO MARKET AMID LOOMING GAS SUPPLY GAPS

Projected gas supply crunch in southern regions¹

- Victoria faces **peak-day gas shortfalls** under extreme winter conditions from 2025.
- Small **seasonal gas supply gaps** emerging from 2026, expected to become more frequent by 2028.
- A **structural supply gap** opens from 2029 onwards.



Unlocking new supply

Charlemont Cluster has the potential to deliver **up to 1070PJ** of gas to the east coast market, equivalent to approximately **6 years of Victoria's total gas consumption**.

With drilling planned to begin in late 2025, TDO is uniquely positioned to deliver new gas supply as the market enters deficit.

Developing new gas supplies in southern Australia is essential to mitigate reliance on northern sources and to prevent potential supply shortfalls before the end of the decade.

¹) Data sourced from Australian Energy Market Operator (AEMO) – 2025 Gas Statement of Opportunities

OTWAY GAS IS PREFERABLE TO QLD SUPPLY OR LNG IMPORTS



Keeps value onshore

New domestic gas creates **regional jobs**, supports **local service providers** and keeps **royalties and taxes** within Australia.

Otway Basin gas is the most cost-effective and flexible option for southern demand, provided supply is available

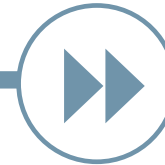


Lower cost of delivery¹

VIC and southern NSW users are **closer to Otway, Bass and Gippsland fields** than to northern QLD supply or LNG terminals.

Long distance gas (e.g., from Surat or Bowen basins) incurs **pipeline transmission tariffs** – up to **\$2-3/GJ** or more from QLD to VIC.

LNG imports must recover liquefaction + shipping + regasification costs, typically adding **\$3-6/GJ**.



Improved reliability and dispatch flexibility²

Local fields offer **dispatch flexibility** in response to changes in demand – particularly valuable for peaking generation and industrial users.

Interstate pipelines can face **flow constraints or outages**, especially in cold snaps when both QLD and VIC compete for gas.

LNG import terminals have **operational limits** (e.g. re-gas rate, ship scheduling etc).



Less emissions-intensive³

Local gas from Victorian fields **lowers lifecycle emissions** compared with long distance gas transfer and LNG.

Emissions intensity per GJ of gas increases with distance transported, processing requirements and age and integrity of pipeline infrastructure.

LNG imports involve:

- Liquefaction (high energy use)
- Marine shipping (emissions)
- Regasification (energy penalty)

1) Data sourced from Australian Energy Regulator (AER), AEMO GSOO 2025, Australian Competition and Consumer Commission (ACCC) Gas Inquiry Reports.
 2) Data sourced from AEMO national gas forecasting and operational reports and Australian Energy Market Commission (AEMC) reviews of gas market frameworks
 3) Data sourced from International Energy Agency (IEA) methane tracker and gas emissions reports and AEMO Integrated Systems Plan & Gas Integrated Resource Plans

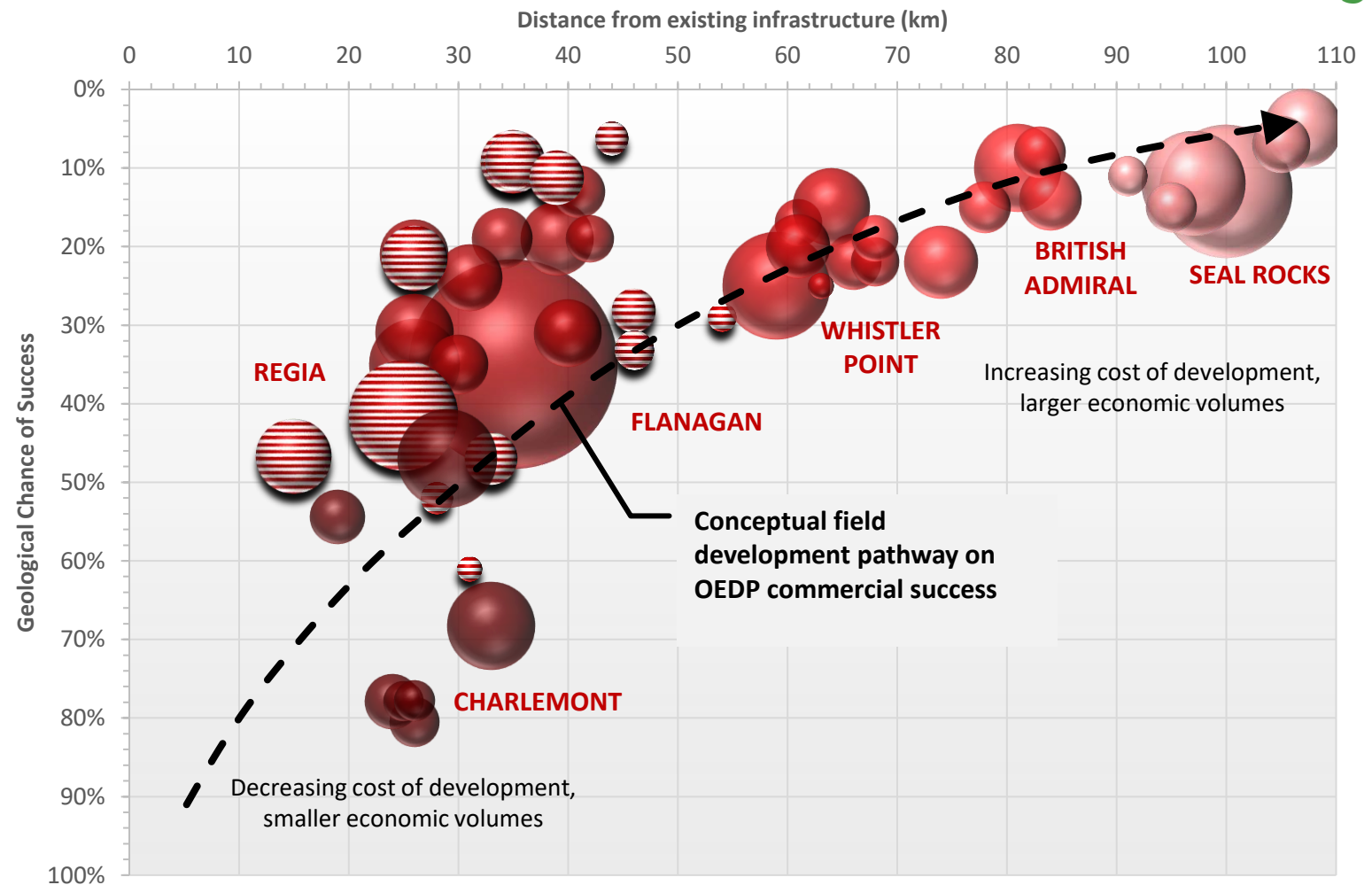
**PORTFOLIO
DEEP DIVE:
FROM CORE
CLUSTERS TO
FRONTIER UPSIDE**

PORTFOLIO PROVIDES OPTIONALITY AND SCALABILITY

Prospects are grouped into **six exploration clusters** based on risk, maturity, and proximity to infrastructure.

Success at one prospect can unlock multiple follow-up targets.

Portfolio allows 3D Energi to **scale investment in line with success** and provides a balanced mix of **near-term value** and **long-term growth**.



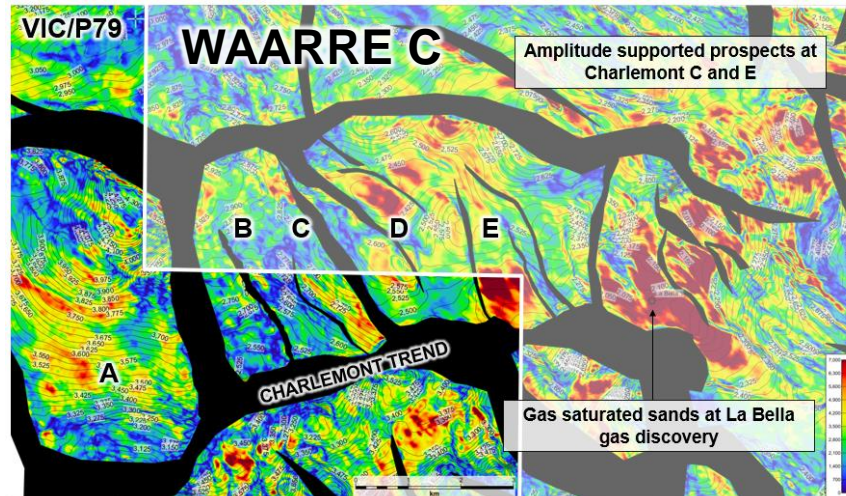
DE-RISKING THROUGH MODERN SEISMIC AND DHI SUPPORT

~3,924 km² of state-of-the-art 3D seismic underpins the portfolio.

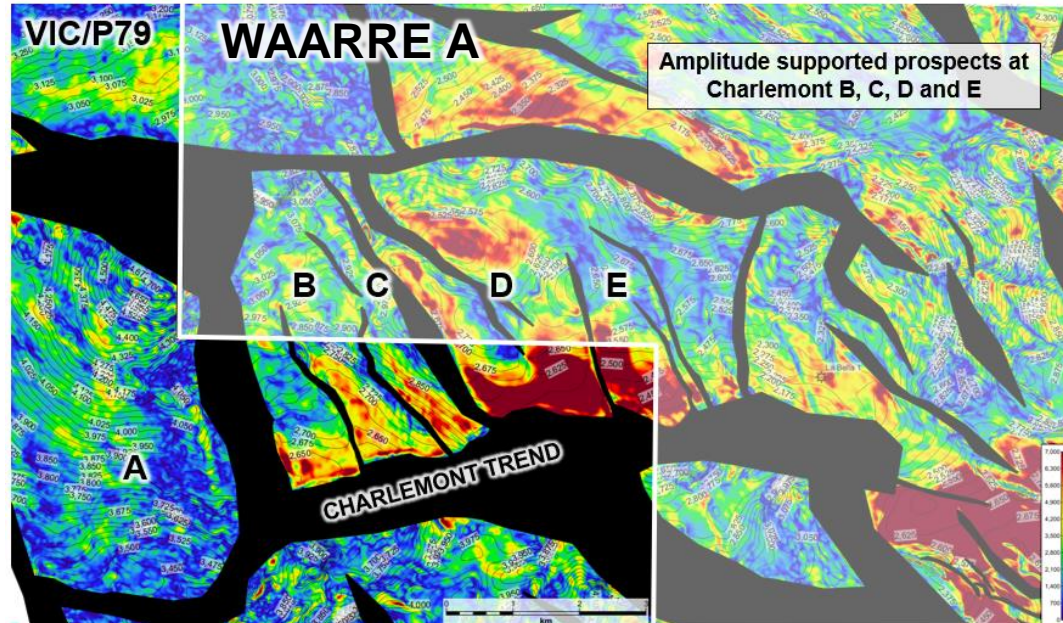
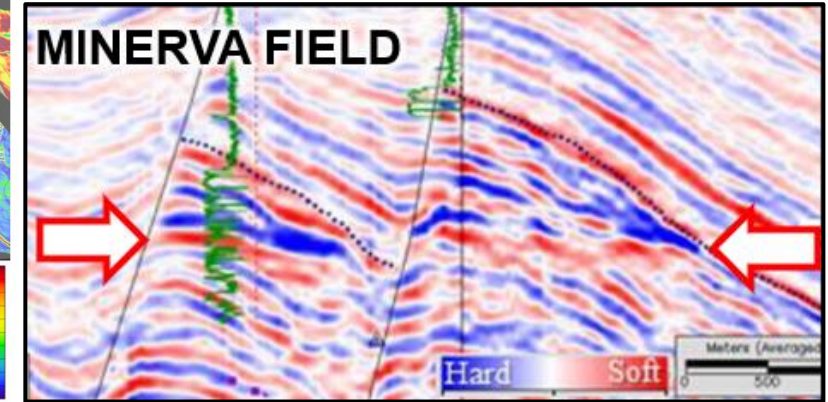
DHIs such as amplitude anomalies and flat spots are **present in 23% of prospects³**, materially **reducing exploration risk**.

Exploration utilising modern 3D to target amplitude supported prospects has a **94% success rate in the Offshore Otway Basin**.

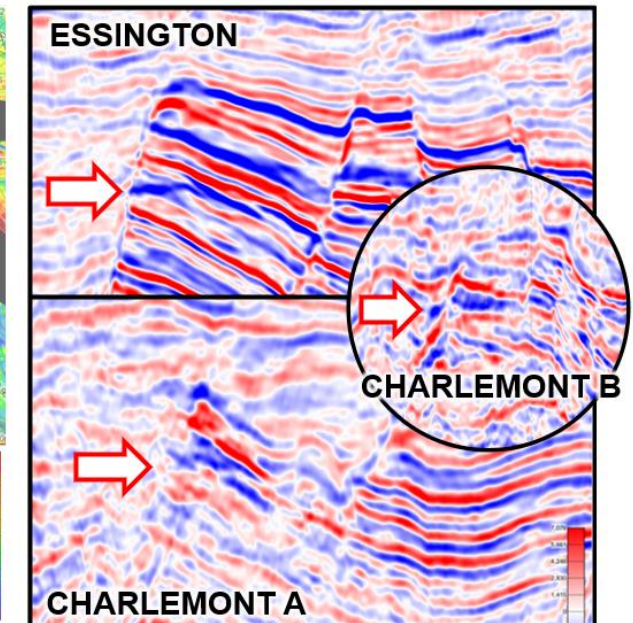
Waarre C RMS amplitude map showing amplitude anomalies (red)



Flat spot at Minerva Field¹ for comparison



Waarre A RMS amplitude map showing amplitude anomalies (red) — a form of DHI



Flat spots across the Charlemont Cluster²

1) Sourced from 'Ranking DHI attributes for effective prospect risk assessment applied to the Otway Basin, Australia'
 2) Seismic data licenced from Viridien Earth Data
 3) The stated DHI coverage is based on current data and may be revised as additional 3D seismic is acquired and interpreted.

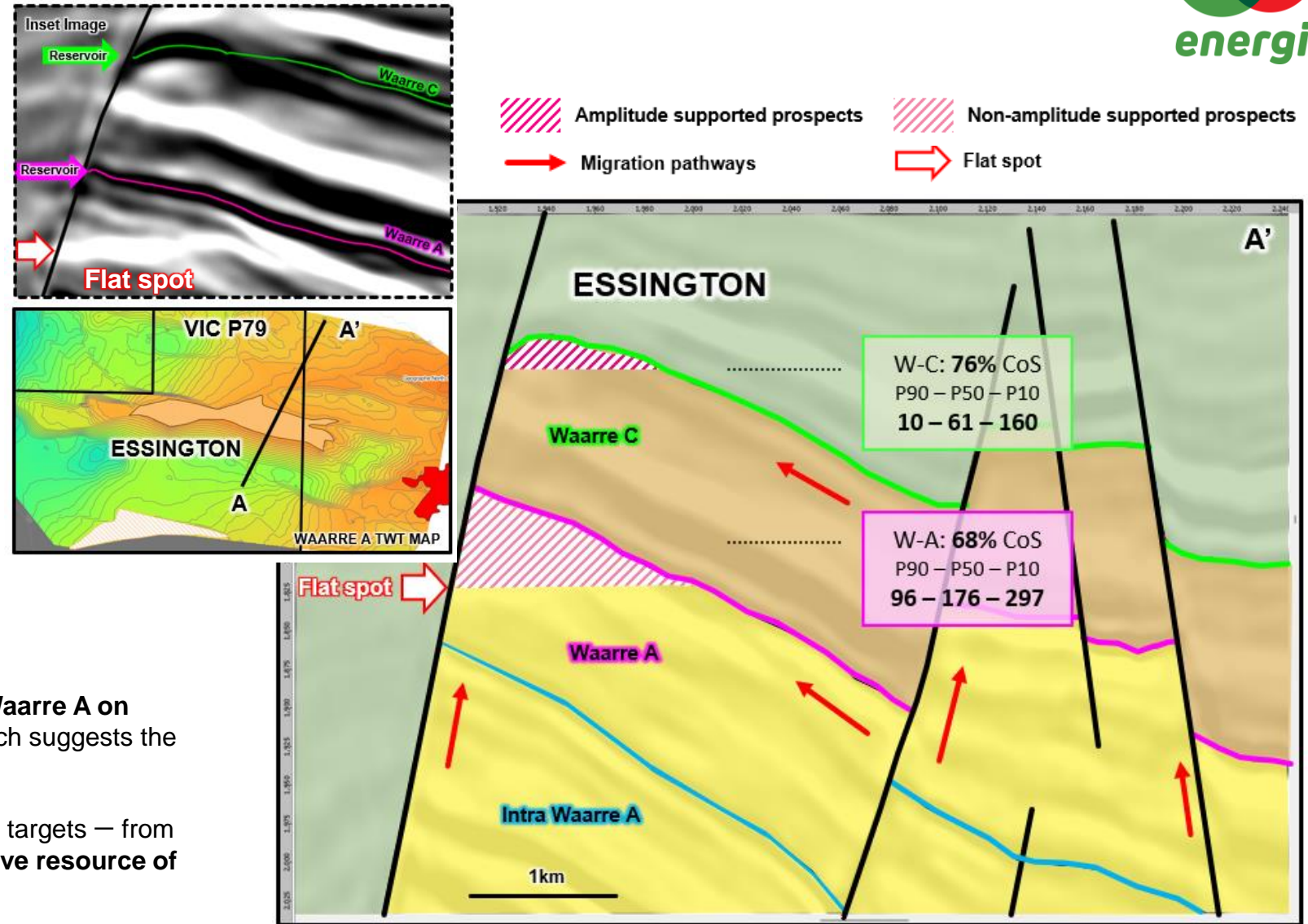
CHARLEMONT CLUSTER: ESSINGTON PROSPECT

Phase 1 OEDP exploration target.

Lies within a well-understood geological setting,
just 5km west of Geopraphe Field.

A **strong seismic flat spot** is observed in the Waarre A on **reprocessed 3D seismic**² – a classic DHI – which suggests the presence of a gas water contact.

Essington has a **high chance of success** at both targets – from 68% to 76% – with a **combined mean prospective resource of 262 Bcf** (gross)¹.



1) Unrisked recoverable prospective resource.
2) Seismic data licenced from Viridien Earth Data

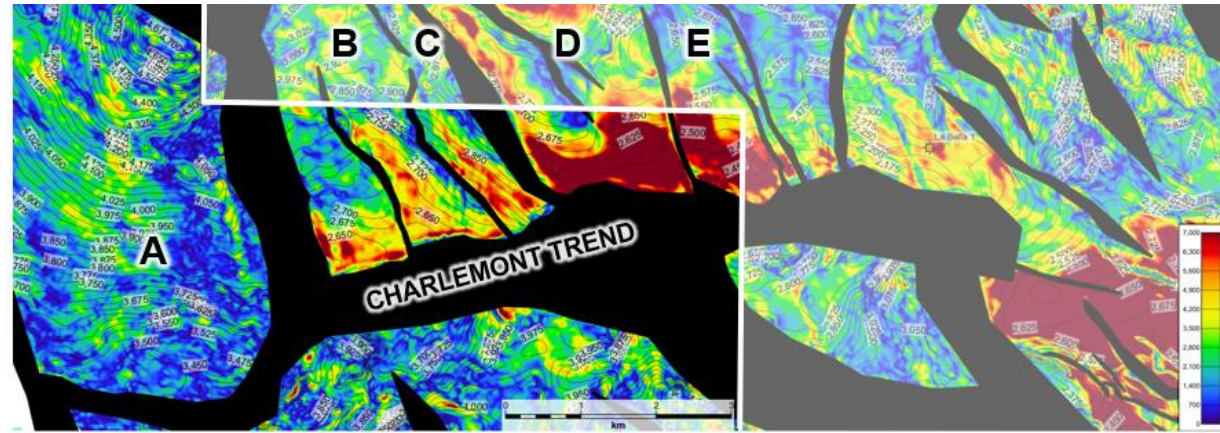
CHARLEMONT CLUSTER: HIGH GRADED, NEAR-TERM EXPLORATION

The **Charlemont Cluster**, with **seven amplitude-supported prospects**, has been high-graded for near-term drilling.

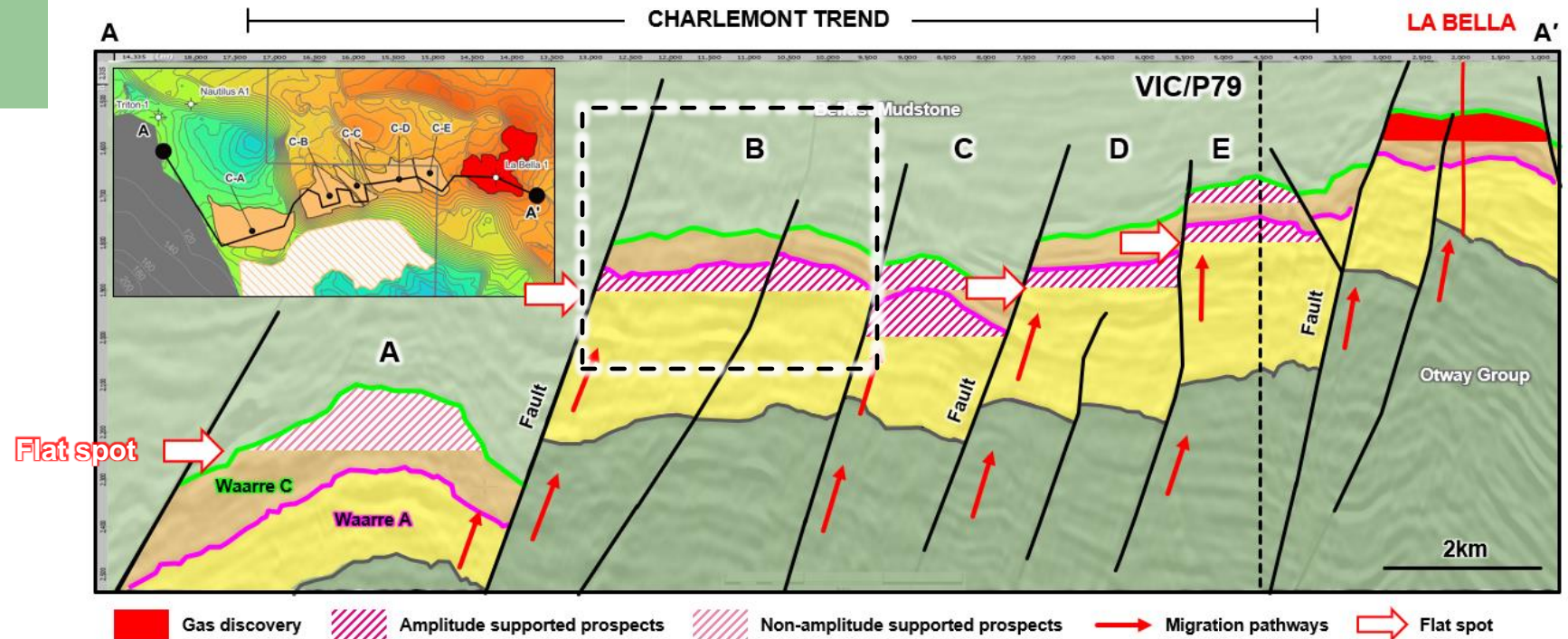
~1 Tcf mean prospective resource (gross)¹ located adjacent to existing gas fields and infrastructure.

Charlemont B to be drilled in Phase 1

Charlemont B has been selected as a drilling targets for Phase of the OEDP.



Waarre A RMS amplitude map showing amplitude anomalies conforming with traps along the Charlemont Trend



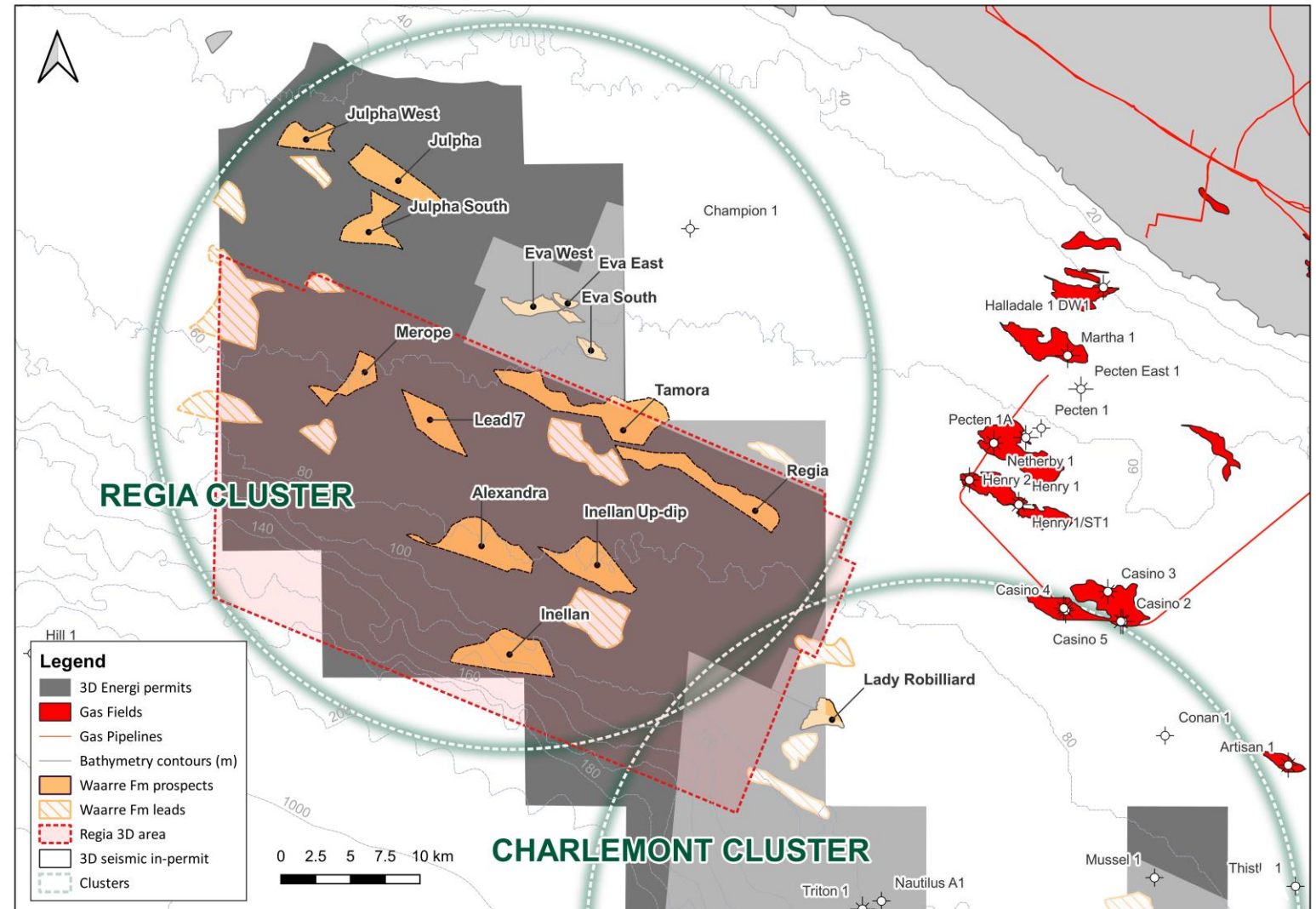
Cross-section through the Charlemont Trend showing DHIs

1) Unrisked recoverable prospective resource.

REGIA 3D AIMS TO UNLOCK VALUE IN THE NORTH

The Regia Cluster contains 13 emerging leads and prospects with a **combined 1.4 Tcf mean prospective resource** (gross)¹.

The **Regia 3D seismic** survey (planned >1000 km²) is undergoing environmental approvals — it aims to mature this high-potential cluster for future exploration drilling.



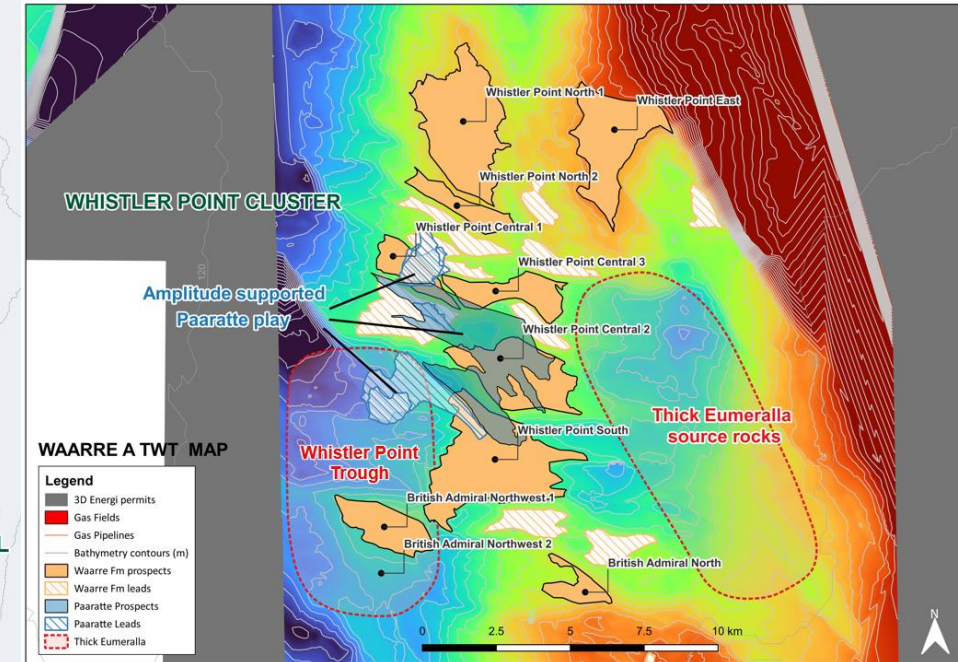
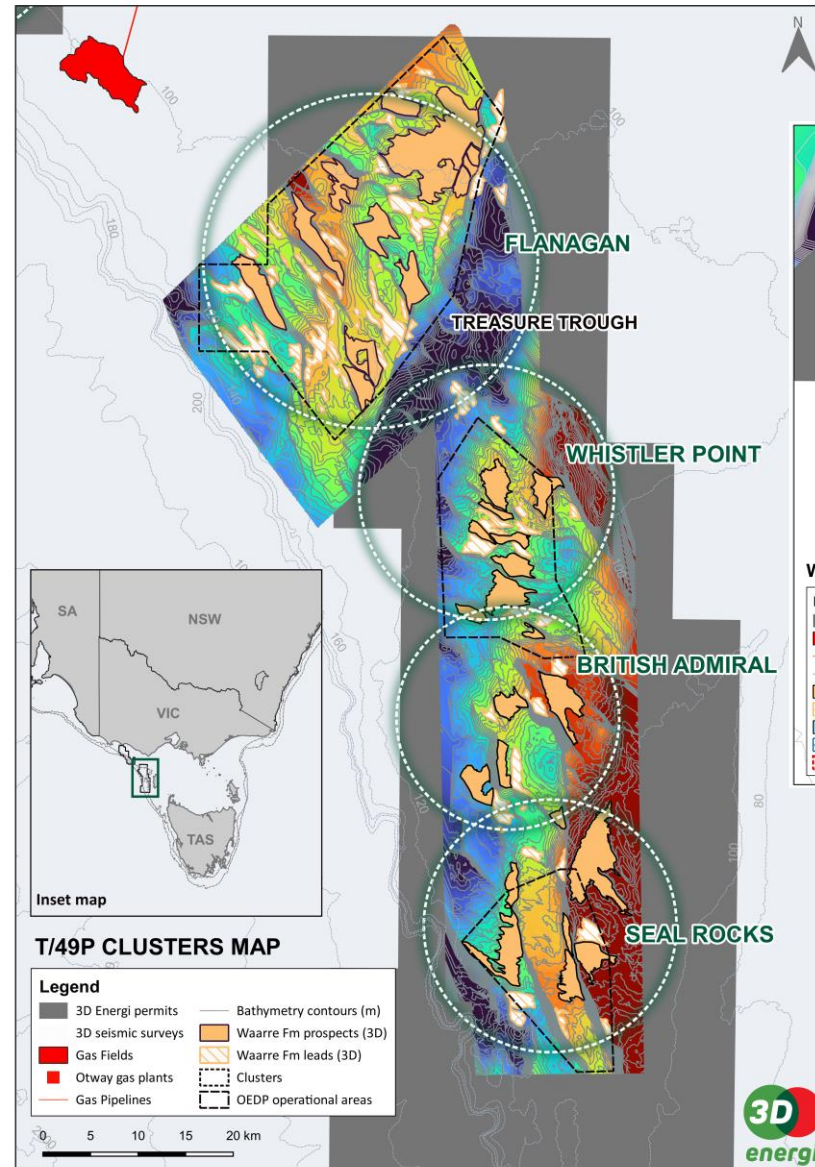
1) Unrisked recoverable prospective resource.

HIGH IMPACT UPSIDE WITH LARGE FRONTIER PROSPECTS

Southern clusters like Flanagan (3 Tcf¹ gross mean prospective resource), Whistler Point, British Admiral and Seal Rocks offer **frontier scale upside**.

Southern clusters provide **longer-term growth opportunities** in underexplored acreage, contingent on further infrastructure expansion to the south.

These prospects provide **strategic balance** to the portfolio, complementing lower risk near-field exploration opportunities.



Whistler Point and British Admiral clusters are **well positioned** for charge from the adjacent Whistler Point Trough with shallow **amplitude anomalies** in the Paaratte Formation suggesting **active hydrocarbon systems**.

COMMERCIAL PATHWAY ON SUCCESS CASE

Accelerating the Pathway to Monetisation

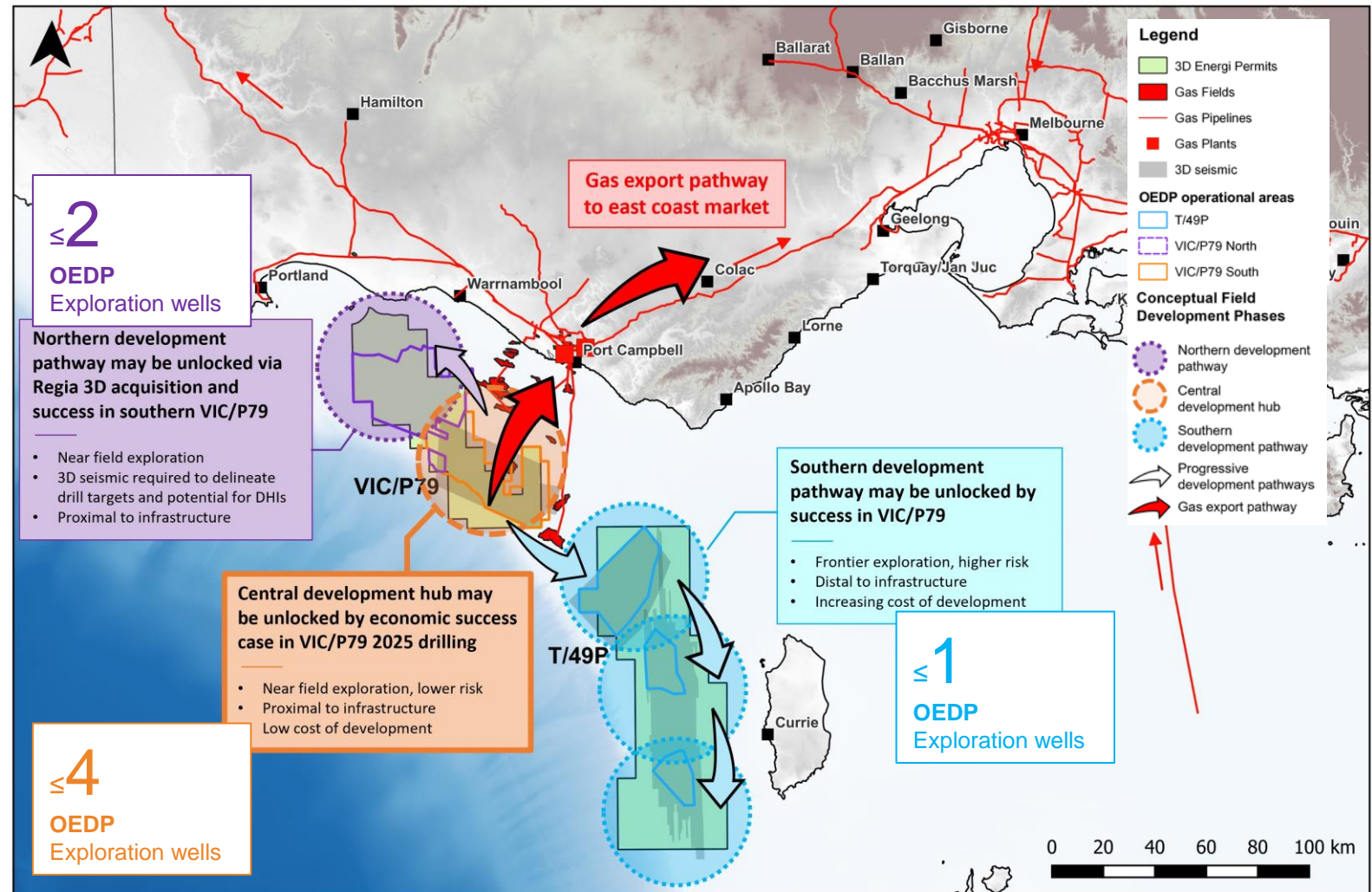
TDO has elected to transfer its US\$30M well carry from T/49P to VIC/P79, where it delivers the best commercial outcome.

High-graded Low Risk Drilling Targets

VIC/P79 south hosts low-risk, infrastructure-adjacent prospects with Direct Hydrocarbon Indicators—offering compelling targets for Phase 1 of the OEDP.

Scalable Hub Tie-Back with Expansion Potential

Phase 1 success could establish a central gas hub, unlocking further exploration upside across VIC/P79 north and T/49P in subsequent drilling phases.



**A SINGLE
EXPLORATION
SUCCESS CAN
TRANSFORM THE
TRAJECTORY OF
A SMALL-CAP
EXPLORER**

INVESTMENT SUMMARY



Exposure to the Largest Prospective Gas Resource in the Otway Basin

With **51 prospects** and a **9.2 Tcf¹ mean prospective resource** (Gross), TDO holds exposure to the **largest undeveloped gas inventory** disclosed in the Basin. This portfolio spans two permits — VIC/P79 and T/49P — and represents a basin-scale growth opportunity.



High-Impact, Low-Capital Exposure Through ConocoPhillips JV

TDO holds a **20% interest** in the Joint Venture, with **substantial cost carry** from ConocoPhillips — reducing capital risk while maintaining high exposure to upside. This structure gives shareholders **significant value exposure to any commercial discovery**, without the financial burden of a sole-risked program.



Drilling Starts in Late 2025 — Just as Victoria Enters Supply Shortfall

AEMO forecasts structural gas shortages from **2025 onward**. TDO's exploration drilling is scheduled to commence **in late 2025**, positioning the company to deliver new gas supply **in direct response to an emerging east coast energy crisis**.



Cluster-Based Strategy Enables Scalable Development Hubs

Prospects are grouped into **six clusters**, balancing infrastructure-led and frontier plays. Commercial success in any one cluster can unlock surrounding volumes and fast-track development. This approach gives TDO the flexibility to **scale investment with success** while maintaining focus on near-term monetisation.



The Charlemont Cluster is Drill-Ready and Strategically Located

Low-risk, amplitude-supported, nearfield targets with **~1 Tcf mean prospective resource** (Gross) and potential to supply **up to 1070 PJ of gas** — equivalent to **~six years of Victoria's gas demand**. It is the immediate focus of the upcoming multi-well drilling program and is ideally situated for early commercialisation in the event of a successful program.



Regia Cluster Unlocks Northern Growth, Supported by New 3D Seismic

Regia hosts **13 emerging prospects** with **1.4 Tcf mean prospective resource** (Gross). A new **1,000+ km² 3D seismic survey**, currently under environmental approval, will **help mature this underexplored area** for potential future exploration drilling.

AN EXPERIENCED TEAM



A diverse and highly experienced management team with a proven track record developing and operating significant oil and gas projects.

Mr Noel Newell
Executive Chairman

3D Energi Founder with 20 years as Managing Director and 40 years in the oil and gas business, 20+ years with BHP and Petrofina, as a Principal Geoscientist. Current APPEA board member.



Mr Ian Tchacos
Non-Executive Director

Petroleum Engineer with 30+ years in oil and gas business, 20+ years as an Executive Director or Executive Chairman of ASX listed companies.



Mr Trevor Slater
Non-Executive Director

35+ years as a Director or senior executive developing and operating resource and construction projects within Australia and overseas.



Mr Leo DeMaria
Non-Executive Director

14 years as a Chartered Accountant in the FMCG industry, initially as a Financial Accountant and then as a Commercial Manager.



NOTES ON PROSPECTIVE RESOURCES



Reporting Basis

1. 3D Energi calculates prospective resources based on the definitions and guidelines of the Society of Petroleum Engineers Petroleum Resources Management System (SPE-PRMS, 2018). 3D Energi reports estimates in accordance with the ASX Listing Rules.

Estimate Currency

2. The estimates of prospective resources contained in this announcement are current at 30 June 2025. 3D Energi confirms that it is not aware of any new information or data that materially affects the prospective resource estimates, and all material assumptions and technical parameters underpinning the resource estimations continue to apply and have not materially changed.

Definition

3. Prospective resources are those estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both a risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially recoverable hydrocarbons.

Estimation Method

4. Prospective Resources have been estimated using probabilistic methods, incorporating a range of uncertainty on reservoir input parameters to predict the likely range of outcomes, and are reported in the categories of Low Estimate (P90), Best Estimate (P50), and High Estimate (P10). All resource categories (P90, P50, P10) reflect unrisks recoverable volumes unless otherwise stated.

Gross and Net definitions

5. Gross Prospective Resource refers to the total estimated unrisks recoverable volume from a lead or prospect.
6. Net Prospective Resource is the portion of the gross unrisks recoverable volume that is attributable to 3D Energi. 3D Energi has a 20% working interest in VIC/P79 and T/49P exploration permits.

Chance of Success (CoS)

7. Prospective Resource estimates have both a technical (CoS) and commercial (CoD) risk component.
8. The Chance of Success (CoS) is the estimated probability that all geological elements necessary for a hydrocarbon accumulation are present and effective.

Chance of Development (CoD)

9. Prospective Resources have not been adjusted for the Chance of Development (CoD), which requires consideration of many contingencies, including economic, legal, regulatory, markets, political, social, relevant approvals, project finance and development timing.

Aggregation Method

10. All petroleum estimates are aggregated by arithmetic summation by category, e.g. prospective resource. Where the Prospective Resources have been aggregated beyond the field level by arithmetic summation, the aggregate low estimate may be a very conservative estimate, and the aggregate high estimate may be a very optimistic estimate due to the portfolio effects of the arithmetic summation.

Qualified Petroleum Reserves and Resources Evaluator Statement

11. The information in this announcement that relates to prospective resource estimates is based on and fairly represents information and supporting documentation prepared by, or under the supervision of, Daniel Thompson, who is a Qualified Petroleum Reserves and Resources Evaluator (QPRRE). Daniel is an employee of 3D Energi Limited and is a member of the American Association of Petroleum Geologists. Daniel has more than 10 years of relevant experience and has consented to the inclusion of the estimates in the form and context in which they appear.

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