

2023 GOLD COAST INVESTMENT SHOWCASE

JUNE 2023



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A CLEAR VISION & CORPORATE STRATEGY

Emerging Perth Basin producer with financial discipline and high impact exploration upside



High margin production

- Cornerstone high-margin onshore conventional gas production asset
- Project cash flows provide optionality in funding portfolio
- Potential for resource and production upside, further enhancing longevity and margins



Self-funded organic growth

- Continue with disciplined and sequenced exploration to add resources and convert into reserves
- Find and develop projects with a clear pathway to commerciality
- Multiple leads and prospects identified for future exploration



Shareholder returns

- Focused on delivery
- Maximizing asset value across our portfolio
- Cash flows within the sequenced portfolio provide optionality to drive shareholder returns

BOARD & MANAGEMENT

An experienced Board and Management team with specific Perth Basin experience



Greg Columbus Non-Executive Chairman



Colby Hauser Managing Director & CEO



David Casey Non-Executive Director



Matt Worner Non-Executive Director



Chris Kohne Chief Financial Officer



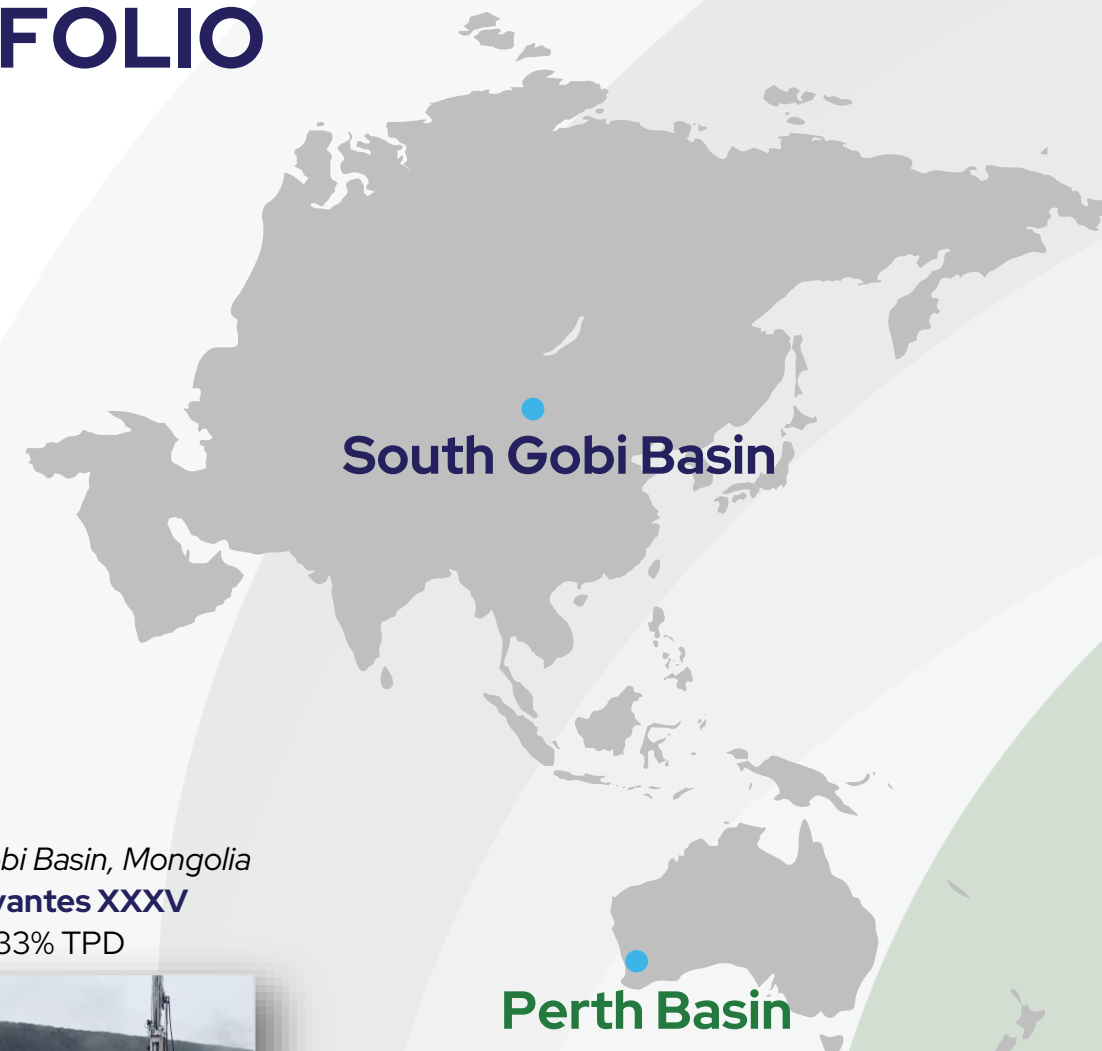
Darren Ferdinando Exploration Manager



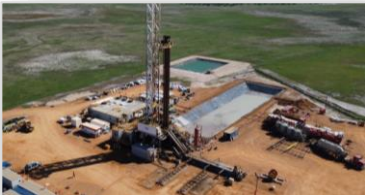
Jo-Ann Long Company Secretary

HIGH-QUALITY DIVERSE PORTFOLIO

- ✓ High-margin near-term production
- ✓ Material exploration potential
- ✓ Geologic & market diversity
- ✓ Proximity to infrastructure
- ✓ Exposure to tightening gas markets



Perth Basin
Walyering
45% TPD



North Perth Basin
L7 / EP437
25% TPD



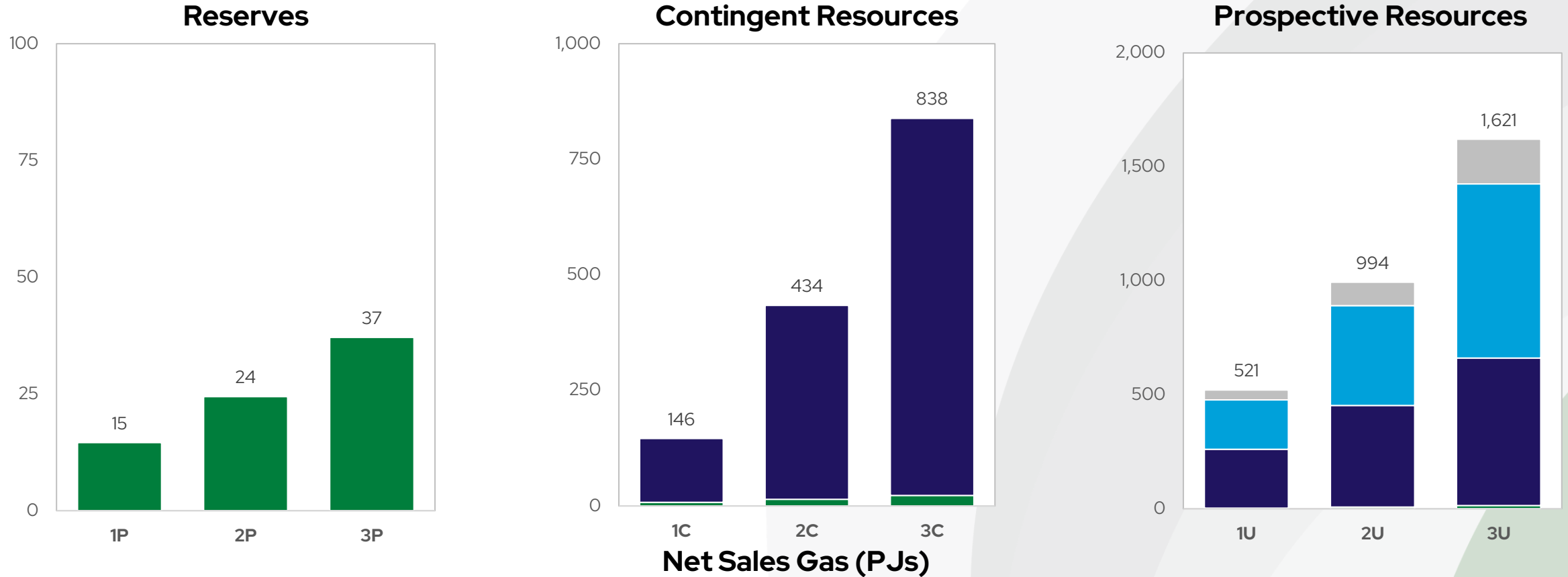
Central Perth Basin
Condor
100% TPD



South Gobi Basin, Mongolia
Gurvantes XXXV
33% TPD



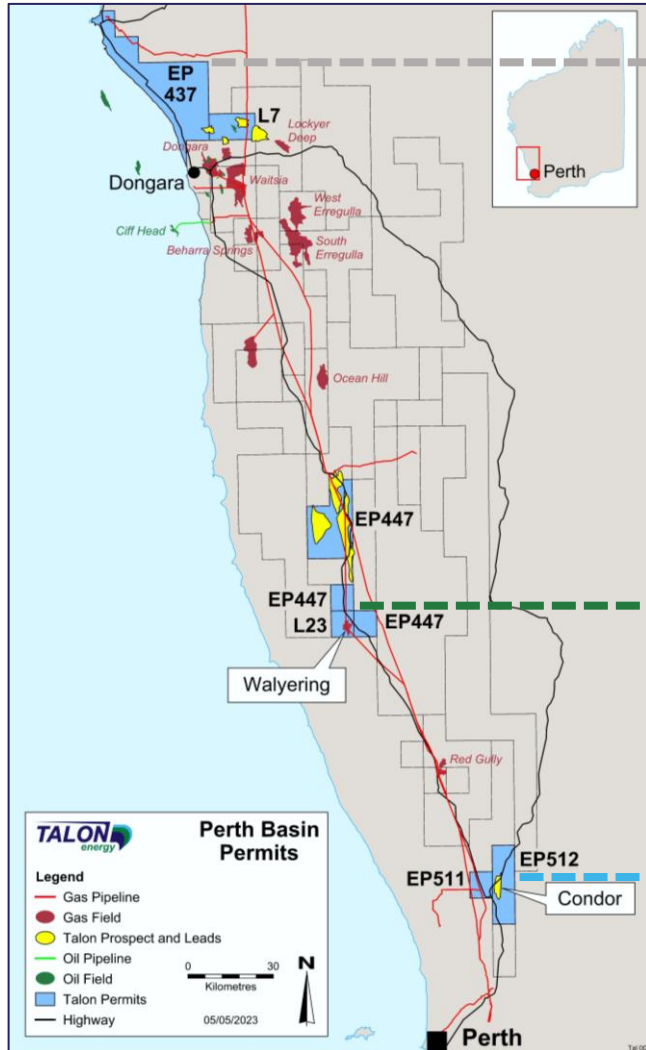
NET RESERVES & RESOURCES: A LONG RUNWAY



■ Walyering (TPD 45%)
 ■ Gurvantes (TPD 33%)
 ■ Condor (TPD 100%)
 ■ L7 (TPD 25%)

The 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.

PERTH BASIN: A WORLD CLASS GAS PROVINCE



North Perth Basin

L7 / EP437

25% Talon Energy

25% NZOG, 50% Triangle

- Kingia gas targets
- Top 3 gas prospects have 393 Bcf Prospective Resource (2U)
- Drilling scheduled for 1H 2024*

- ✓ Highly prized acreage position
- ✓ Kingia gas targets have very high drilling success rate

Walyering

L23 / EP447

45% Talon Energy

55% Strike Energy (operator)

- FID taken, first gas imminent
- 2P 54.2PJ Reserve (24.4 PJ Talon share)
- Up to \$30m p/a net operating cashflow

- ✓ Production almost entirely de-risked
- ✓ Established infrastructure position for future growth

Central Perth Basin

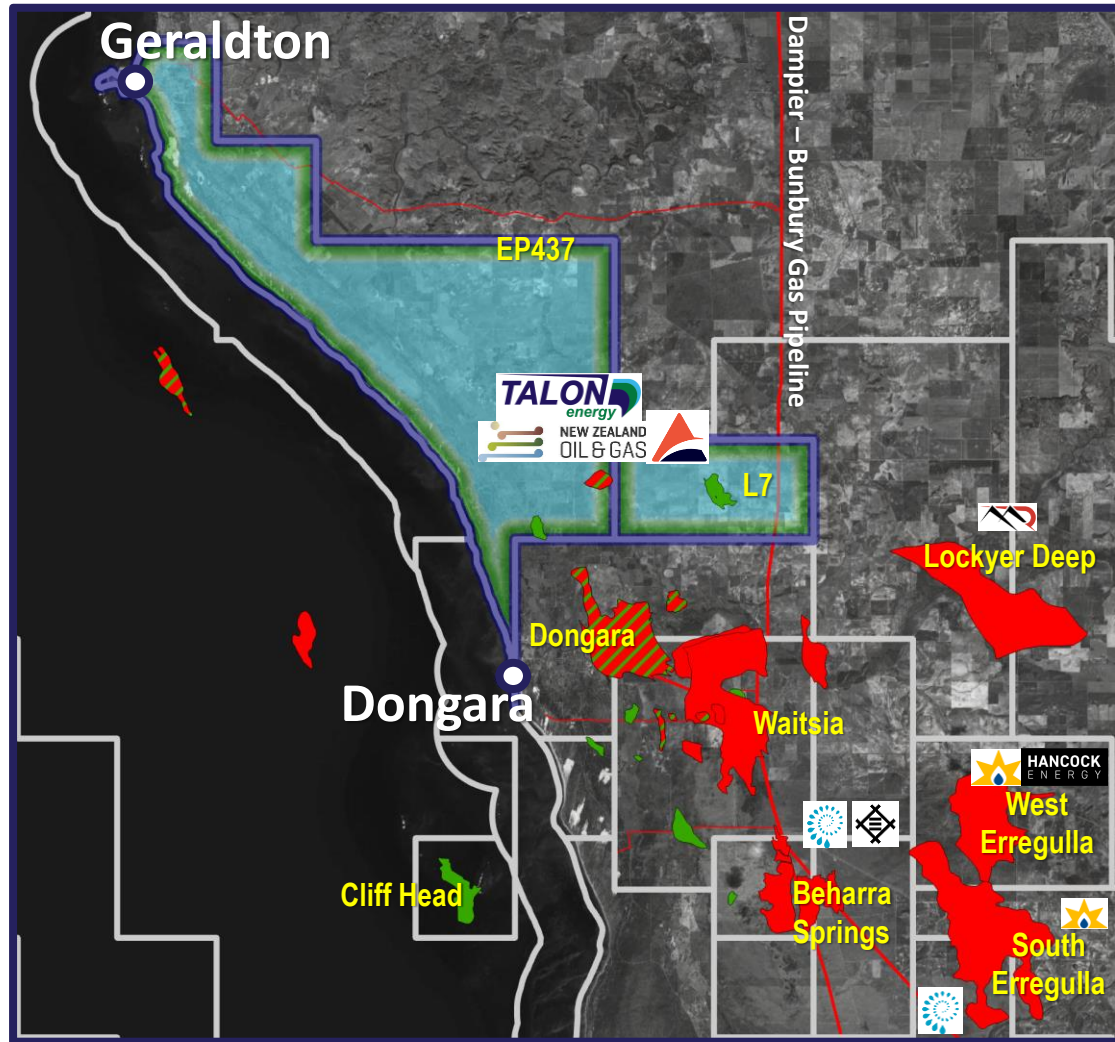
Condor EP511 / EP512

100% Talon Energy





- 2U 408 Bcf Prospective Resource
- 2U 20.2 MMstb Condensate
- Proximity to pipelines




- ✓ Huge upside with 100% ownership
- ✓ Talon can cash fund exploration costs

NORTH PERTH BASIN: CONSOLIDATION ACTIVITY



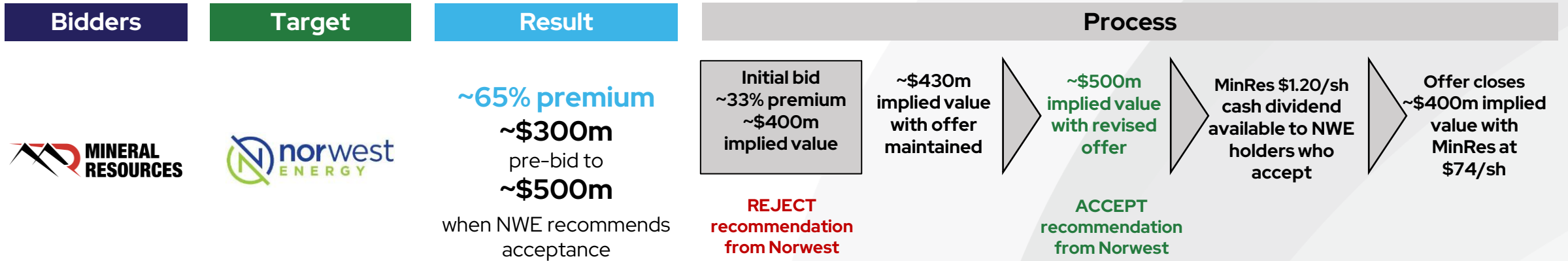
Well positioned for value recognition

- There have been several prolific Kingia gas discoveries in recent years
- Significant M&A interest over the last six months has been focused on the northern Perth Basin.
 - Miners seeking to secure supply:
 - Mineral Resources  & Hancock Energy 
 - Future activity driven by an urgent requirement for further infrastructure positions
 - Mitsui  and Beach Energy  will have the largest established production infrastructure position in the Perth Basin
- Talon's recent entry into the L7 / EP437 permits put it square in this area
- Talon is the second largest remaining independent

	~\$1,150m
	~\$110m
	~\$25m

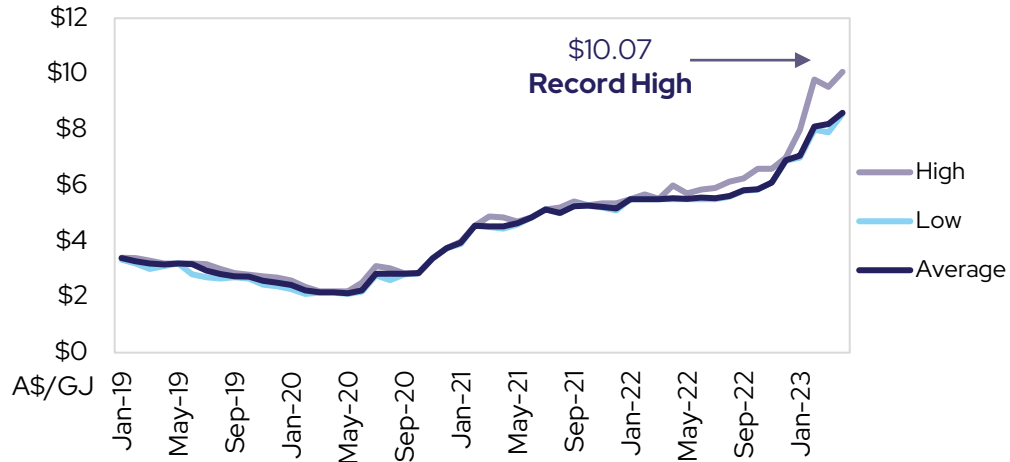
PERTH BASIN ACQUISITION ACTIVITY

Norwest Energy and Warrego Energy acquisitions highlight the value ascribed to Perth Basin

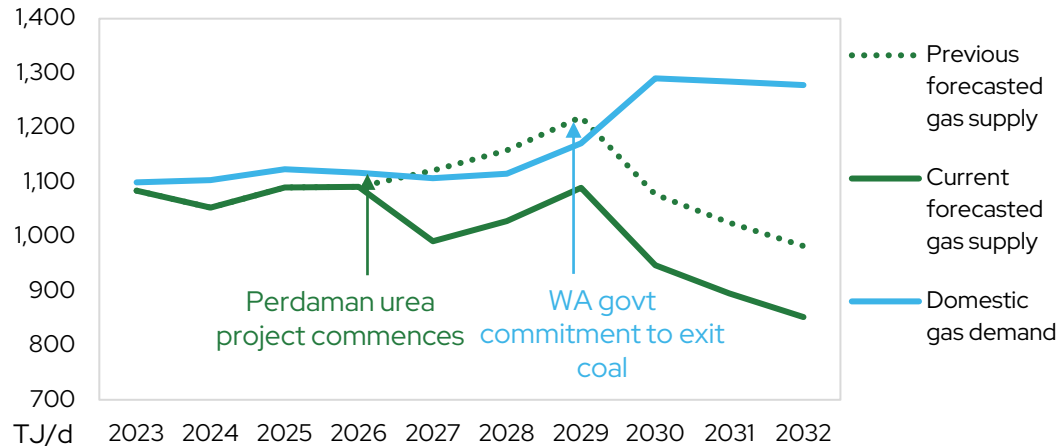


WA GAS ECONOMICS

Monthly Gas Prices



AEMO Base Case WA Gas Market



Supply deficits

- Record high WA gas prices due to reserve write downs and outages at gas production facilities has resulted in prices anchored to a higher magnitude
- Updated forecast showing worsening deficit
 - Perdaman Pilbara project FID in April 2023, announced it will convert natural gas from Woodside's Scarborough project into urea for fertilizer
 - Removes ~130 TJ/d from WA gas supply, starting in 2027
- Long-term investment in exploration and production is needed
 - More exploration required to fight the natural decline of existing gas fields
 - There is a significant lag from discovery to production

Growing demand

- Resource and mining projects have increased in both scale and number, increasing projected gas consumption
- Retirement of coal facilities to meet carbon reduction goals
 - Power generation will demand more from remaining gas sources

WALYERING: IMMINENT CASHFLOW

Upstream facilities

- First gas imminent
- 33 TJ/d & 250 bbl/d nameplate capacity
- 100% powered from solar with battery storage
- Gross costs of the upstream scope ~\$19.2m
- Parmelia gas pipeline connection & metering ~\$3.8m

Two revenue streams

- Up to **~\$30m p/a net operating cashflow** to Talon
- Natural Gas
 - 36.5 PJ min Gas Sales Agreement with Santos
 - 29% of 2P reserves (54 PJ) remains uncontracted
 - ~\$10/GJ spot market trend in WA*
 - +200% increase in spot market over last 2 years
- Condensate
 - 150-300 bbl/d estimated production
 - Offtake and transport contracts finalised



WALYERING – CONSTRUCTION UPDATE

- Construction well progressed, Operator Strike Energy estimate mechanical completion within the next two weeks
- All processing equipment is now secured in place, condensate tanks and offload facilities are constructed, utilities installation complete, Parmelia Gas Pipeline (PGP) connection constructed
- Commissioning process and commercial production operations to follow after permissions from the regulator



- FID achieved in August 2022
- Gas Offtake secured in December 2022
- First gas expected imminently



- One of the fastest gas monetisation cycle times in the Perth Basin



WALYERING: UPSIDE BEYOND CURRENT RESERVES

Tangible Exploration Targets

Reserves and Resources within the production license (L23)

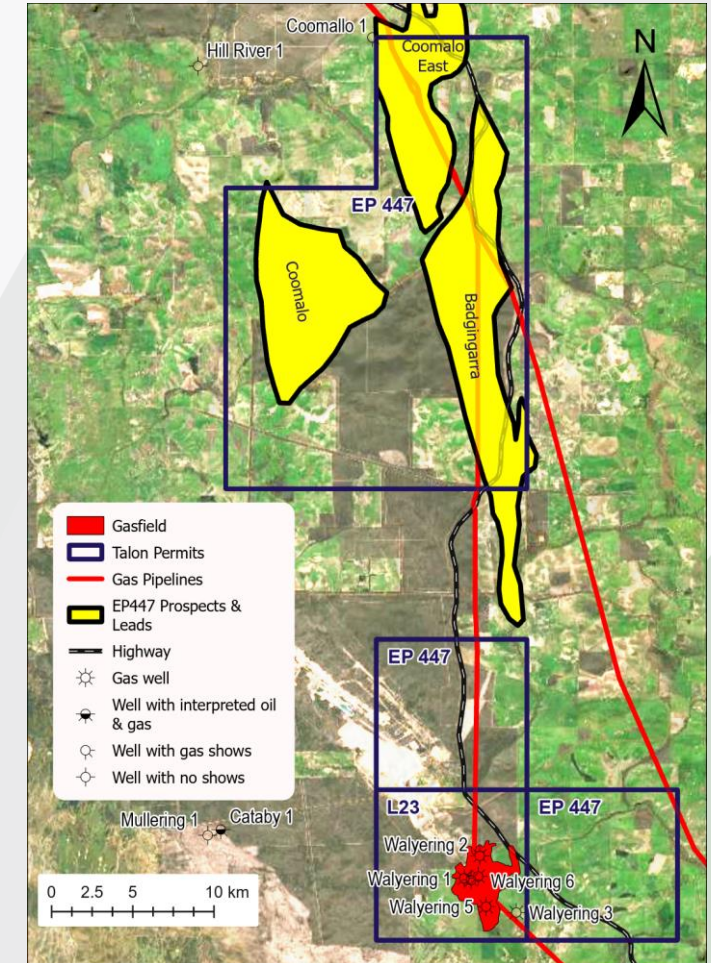
- Independently certified Reserves of 54.2 PJ (2P)
- Upside Reserve potential of 82.4 PJ (3P) in the Walyering Gasfield, provides potential for ~9 years of production life, assuming 27 TJ/d average
- Contingent (3C) and Prospective (3U) resources provides an additional ~80 PJ, with potential for ~18 years of production from these resources
- Field size is ~10km²

Leads in the excised exploration permit (EP447)

- Three large leads identified in the northern part of recently renewed EP447:
 - Badgingarra ~160km²
 - Comaloo ~ 100km²
 - Comaloo East ~40km²
- Talon and Strike (Operator) plan to characterise leads in 2023 and drill in 2025

Walyering – Reserves and Resources PJs (gross, 100%)

Proved (P)	1P: 32.4	2P: 54.2	3P: 82.4
Contingent (C)	1C: 17.9	2C: 31.9	3C: 50.9
Prospective (U)	1U: 5.8	2U: 15.9	3U: 30.8



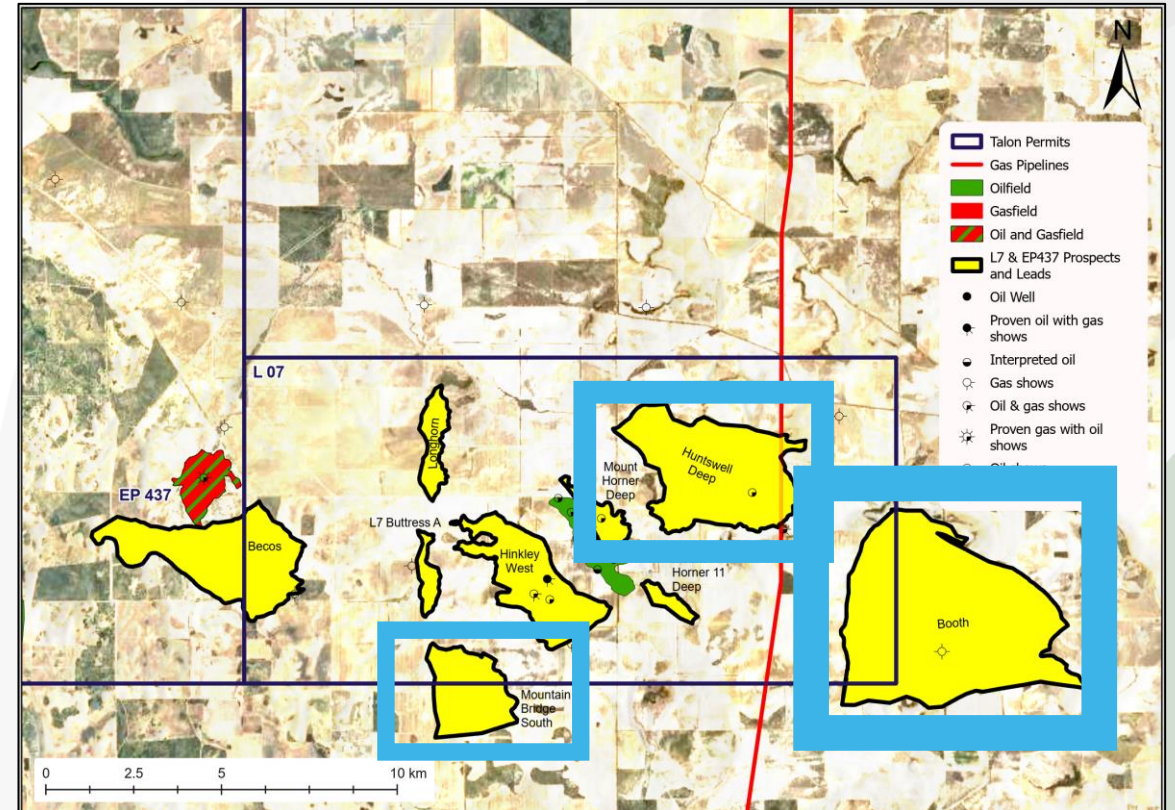
NORTH PERTH BASIN: PRIZED EXPLORATION LOCATION

High Impact Growth Options: L7/EP437

- 25% interest in EP437 and Production License L7 in the north Perth Basin acquired from Triangle Energy, executed 1st March 2023*
- Strategic location covering 865 km² in the northern Perth Basin
- Interpreted 3D seismic has enabled higher confidence in updated Prospective Resource in L7
 - Revised estimate across top **3 high graded prospects**
 - 393 Bcf (gross, unrisks) combined Prospective Resource (2U)
 - Booth, Huntswell Deep and Mountain Bridge South
 - Three wells expected to be drilled mid-2024

Adds significant value upside to our Perth Basin portfolio

- Minimal upfront entry cost, cashflow funded drilling campaign
- Highly prized area:
 - MinRes acquisition of Norwest, those permits are immediately East of L7
 - two discoveries in Lockyer Deep-1 and North Erregulla Deep- 1, those discoveries are ~10km from L7



CONDOR: SIGNIFICANT EXPLORATION POTENTIAL

Largest untested Jurassic wet gas structure in Perth Basin

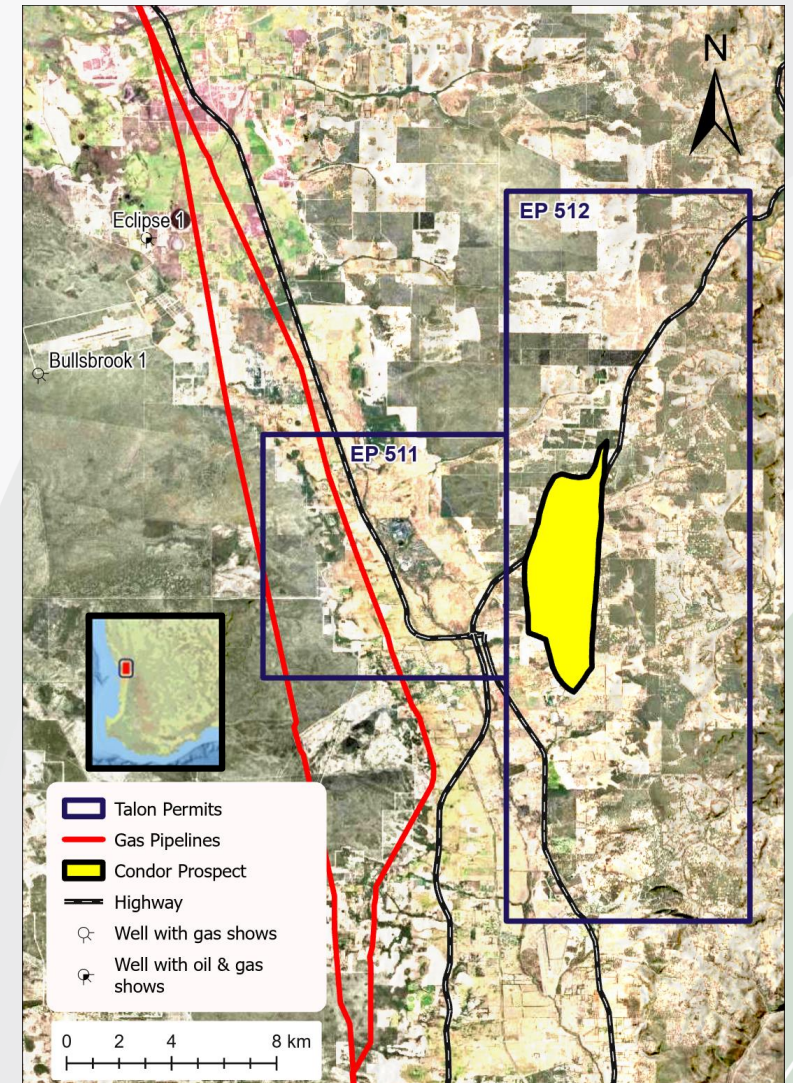
- Prospective resource audited by RISC
- Significant liquids profile relative to sizable gas volumes

Upside within infrastructure reach

- Talon has a binding option agreement to acquire 100% of the Condor lead
 - Continue to work with Maccallum and DMIRS to transfer interest in Condor
- Cheaper drilling costs and better reservoir quality relative to Walyering
- Access to market, DBNGP and PGP run-through permit
- Access for drilling with major highway running through the permit

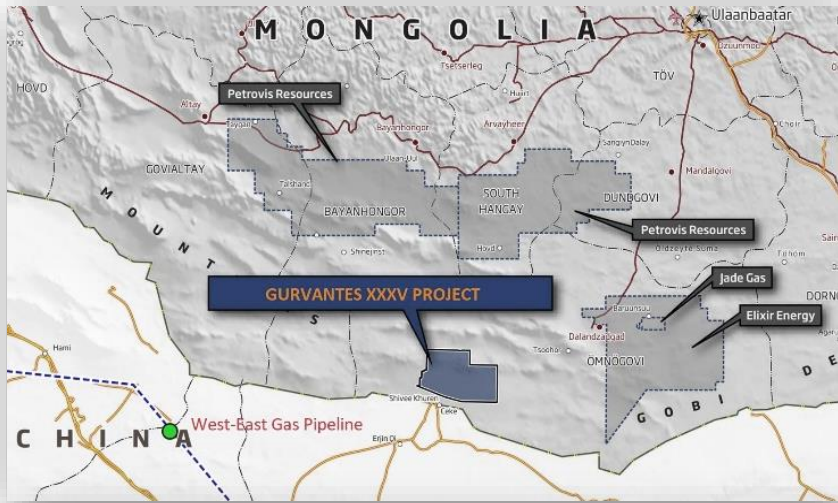
Condor Structure – Un-risked Prospective Resource (EP494 Permit)

Low (P90)		Best (P50)		High (P10)	
Condensate (MMbbl)	Gas (Bcf)	Condensate (MMbbl)	Gas (Bcf)	Condensate (MMbbl)	Gas (Bcf)
9.5	202	20.2	408	39	710



MONGOLIA: UNREALIZED VALUE WITH SIGNIFICANT POTENTIAL

World scale gas discovery on China's doorstep



- Formally entered the Gurvantes Joint Venture with a 33% interest
- Located in South Gobi Basin, closest project to Chinese Energy Market
- Independently certified (NSAI) contingent resource, the largest to date in Mongolia (1C-398 / **2C- 1,214** / 3C-2,361 Bcf)
 - 100% exploration and production drilling success with strong results observed across all technical parameters:
 - ✓ Coal Thickness
 - ✓ Gas Content
 - ✓ Permeability
- 3 Well Pilot program to test commerciality of discovery
 - Lucky Fox 1,2 &3 – all wells have been successfully drilled to a total depth of ~400 metres
 - All wells intersected ~60 metres of coal over the production interval (upper coal seam)
 - Commissioning Pilot Wells Q2 2023, Production Test Q3-Q4 2023
- Talon's strategic review remains ongoing with various options under considerations
 - The outcome and results of the Production Test factor into the strategic review process and timing

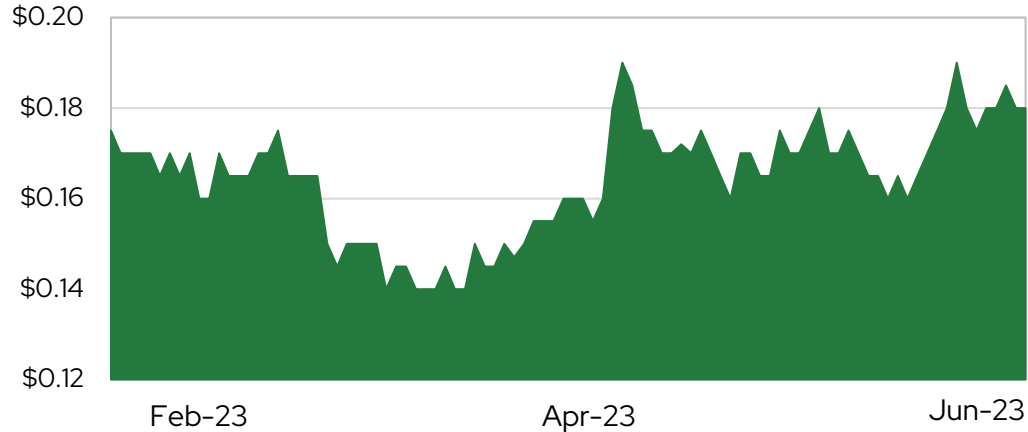
ACTIVITY: ROAD TO CASH FLOW AND ORGANIC GROWTH

3-year view

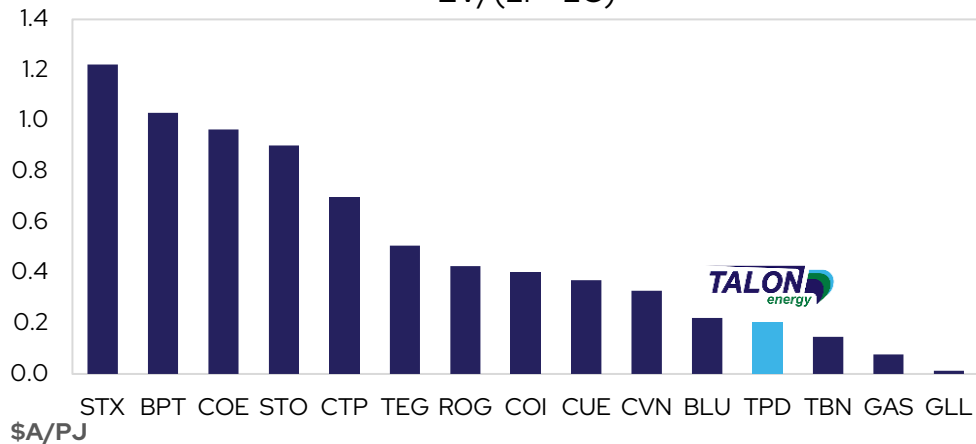
Activity	2023				2024				2025			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Walyering Construction and Commissioning & Cashflows												
Walyering EP447 Drilling Campaign												
L7 & EP437 Drilling Campaign												
Condor Drilling Campaign												
Gurvantes Pilot Well & Test												
Gurvantes Exploration & Production wells												

TALON ENERGY: A COMPELLING INVESTMENT OPPORTUNITY

3-Month Share Price Performance



Mid/Small Cap Multiples EV/(2P+2C)



Capital Structure

Ordinary shares on issue (ASX:TPD)	~627m
Cash Balance	~\$16.1m (31 Mar 23)
Unlisted Options	~18m
Unquoted Performance Rights	~22m
Market Capitalisation at \$0.185 (undiluted)	~\$116m

- ✓ Fully funded for development
- ✓ Significant near-term cash flows
- ✓ Tangible high-impact exploration growth catalysts
- ✓ Exposure to Perth Basin M&A environment
- ✓ Best value opportunity relative to peers



CONTACT INFO:
COLBY HAUSER
MANAGING DIRECTOR & CEO

PHONE: +61 8 6319 1900
WWW.TALONENERGY.COM.AU

ADDRESS:
1202 HAY STREET
WEST PERTH WA 6005

ASX: TPD



RESOURCE INFORMATION

Perth Basin

Competent Persons Statement: Information in this report that relates to Prospective Resource information in relation to the Walyering Prospect and Contingent Resource information in relation to Ocean Hill is based on Prospective Resource and Contingent Resource information compiled by Strike Energy Limited, the operator both EP447 and EP495. Information in this report that relates to Prospective Resource that relates to the Condor Structure is based on information compiled by Mr. John Begg and Mr. John Lamberto, both consultants to the Company. This information was subsequently reviewed by Mr David Casey BSc (Hons), who has consented to the inclusion of such information in this report in the form and context in which it appears. Mr Casey is a director of the Company, with approximately 30 years relevant experience in the petroleum industry and is a member of The Society of Petroleum Engineers (SPE), the Australian Institute of Mining and Metallurgy (AusIMM) and the Petroleum Exploration Society of Australia. The resources included in this report have been prepared using definitions and guidelines consistent with the 2007 Society of Petroleum Engineers(SPE)/World Petroleum Council(WPC)/American Association of Petroleum Geologists(AAPG)/Society of Petroleum Evaluation Engineers (SPEE) Petroleum Resources Management System (PRMS). The resources information included in this report are based on, and fairly represents, information and supporting documentation reviewed by Mr Casey. Mr Casey is qualified in accordance with the requirements of ASX Listing Rule 5.41 and consents to the inclusion of the information in this report of the matters based on this information in the form and context in which it appears.

Prospective Resources – Walyering Conventional Gas Project

Cautionary Statement: The estimated quantities of petroleum that may potentially be recovered by the application of future development projects relate to undiscovered accumulations. These estimates have both an associated 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 moveable hydrocarbons. For more information on the above Prospective Resources, refer to Talon's ASX announcement dated 24 July 2020. Talon confirms that it is not aware of any new information or data that materially effects the information contained in that Announcement and that all material assumptions and technical parameters underpinning the estimates contained in that Announcement have not materially changed.

Prospective Resources – Condor Structure

Cautionary Statement : The estimated quantities of petroleum that may potentially be recovered by the application of future development projects relate to undiscovered accumulations. These estimates have both an associated 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 moveable hydrocarbons. For more information on the above Prospective Resources, refer to Talon's ASX announcement dated 17 March 2021. Talon confirms that it is not aware of any new information or data that materially effects the information contained in that Announcement and that all material assumptions and technical parameters underpinning the estimates contained in that Announcement have not materially changed.

Gurvantes XXXV CSG Project Mongolia

Competent Persons Statement. The information in this report that relates to Prospective Resource information for the Gurvantes XXXV Project is based on information compiled by Mr. John Hattner, an employee of Netherland, Sewell & Associates Inc, and who is a Qualified Petroleum Reserves and Resources Evaluator (QPRRE). This information was subsequently reviewed by Mr David Casey BSc (Hons), who has consented to the inclusion of such information in this report in the form and context in which it appears. Mr Casey is a director of the Company, with approximately 30 years relevant experience in the petroleum industry and is a member of The Society of Petroleum Engineers (SPE), the Australian Institute of Mining and Metallurgy (AusIMM) and the Petroleum Exploration Society of Australia. The resources included in this report have been prepared using definitions and guidelines consistent with the 2007 Society of Petroleum Engineers/World Petroleum Council/American Association of Petroleum Geologists (AAPG)/Society of Petroleum Evaluation Engineers Petroleum Resources Management System (PRMS). The resources information included in this report are based on, and fairly represents, information and supporting documentation reviewed by Mr. Casey. Mr. Casey is qualified in accordance with the requirements of ASX Listing Rule 5.41 and consents to the inclusion of the information in this report of the matters based on this information in the form and context in which it appears.

Prospective Resources – Gurvantes XXXV CSG Project

Cautionary Statement: The estimated quantities of petroleum that may potentially be recovered by the application of future development projects relate to undiscovered accumulations. These estimates have both an associated 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 moveable hydrocarbons. For more information on the above Prospective Resources, refer to Talon's ASX announcement dated 18 August 2021. Talon confirms that it is not aware of any new information or data that materially effects the information contained in that Announcement and that all material assumptions and technical parameters underpinning the estimates contained in that Announcement have not materially changed.