



VINTAGE ENERGY

Vintage Energy Ltd AGM Presentation

27 November 2018



Reg Nelson | Chairman
Neil Gibbins | Managing Director

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Competent Persons Statement

The hydrocarbon resource estimates in this report have been compiled by Neil Gibbins, Managing Director, Vintage Energy Limited. Mr. Gibbins has over 35 years of experience in petroleum geology and is a member of the Society of Petroleum Engineers. Mr. Gibbins consents to the inclusion of the information in this report relating to hydrocarbon Contingent and Prospective Resources in the form and context in which it appears. The Contingent and Prospective Resource estimates contained in this report are in accordance with the standard definitions set out by the Society of Petroleum Engineers, Petroleum Resource Management System.

Contents

Reg Nelson - Chairman

1. Overview
2. Achievements to date
3. Investment thematic
4. Our asset strategy

Neil Gibbins – Managing Director

5. Value creation focus
6. Assets
 1. Galilee Basin
 2. Otway Basin
 3. Bonaparte Basin
7. Strategy for sustainable growth
8. FY19 timeline
9. Summary



Reg Nelson – Chairman



1. Vintage Energy - Overview



Vision

- To be a well respected, financially strong, growth-focused energy company



Strategy

- Take advantage of energy market dynamics
- Acquire, explore and develop gas focused assets principally within Australia
- Maintain a lean corporate structure that leverages innovation to expedite opportunities and create value for all stakeholders



Assets

- Focus on East Coast gas with the potential for onshore oil production
- High impact onshore exploration and appraisal for all permits (Galilee, Otway and Bonaparte basins)



People

- Board and technical teams with a proven history of oil and gas exploration, development and production success
- Reg Nelson – Chairman, Neil Gibbins – Managing Director, Michael Dodd – Executive, Operations, Danny Burns – Executive, Exploration

2. Achievements to date

Galilee Basin

- Albany-1 drilled and flowed gas at 230 Mscfd
- 2C contingent resource of 23 PJ (net) booked
- Commencing Stage 2

Otway Basin

- Low cost entry
- PACE grant awarded to drill Nangwarry-1

Bonaparte Basin

- Low cost entry
- 100% equity position providing optionality

Successful IPO

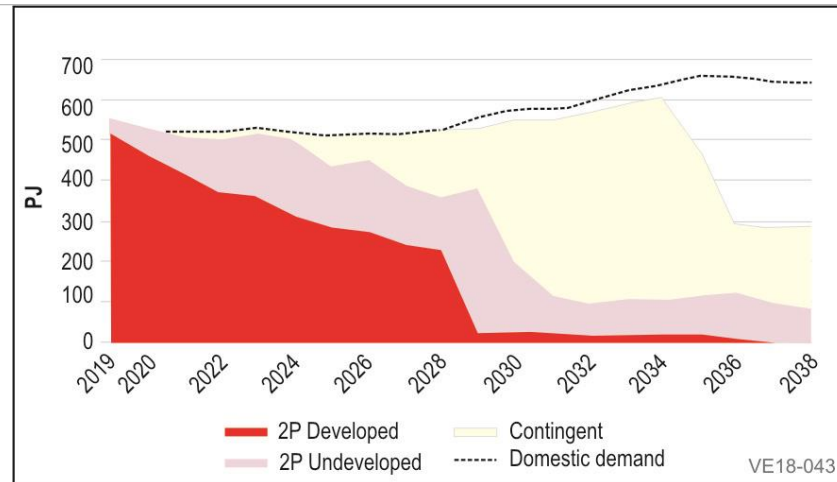
- Oversubscribed \$30 million IPO @ 20 cps
 - Listed 17 September
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3. Investment thematic

- Supply crisis in East Coast gas market
 - Ramp-up of gas supply to export LNG markets
 - Adverse state govt policies on exploration
 - Fracture stimulation and exploration moratoria
 - Accelerated decline in traditional gas sources
 - Underinvestment during downturn
 - Crisis in Victorian gas supply
 - Victorian gas supply expected to fall from 435 PJ in 2017 to ~187 PJ by 2022*
 - “The Gippsland Basin is not a magic pudding”+
- Gas power generation is volatile and increasing in the long-term
 - Security of supply issues
 - Hazelwood coal fired power station closure
- Significant increase in domestic gas price
- Focused strategy to capitalise on
 - East coast gas demand
 - Rising gas and oil prices

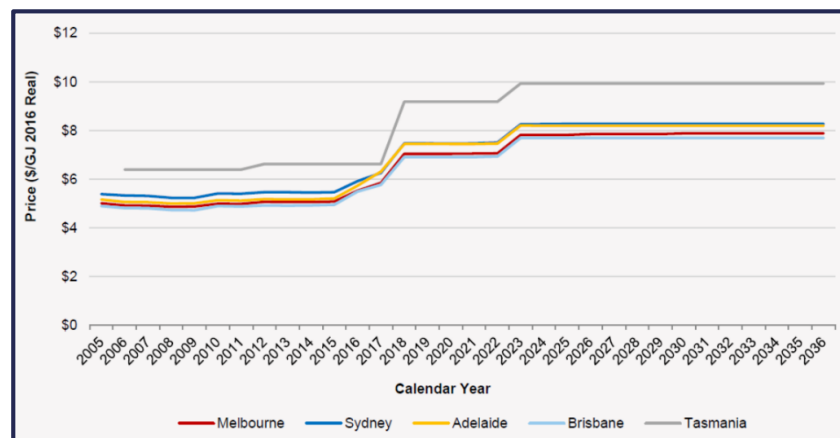
* AEMO-Victorian Gas Planning Report Update March, 2018

+ Chairman of Esso – Operator of GBJV



Status of reserves and resources to meet domestic demand, 2019-38

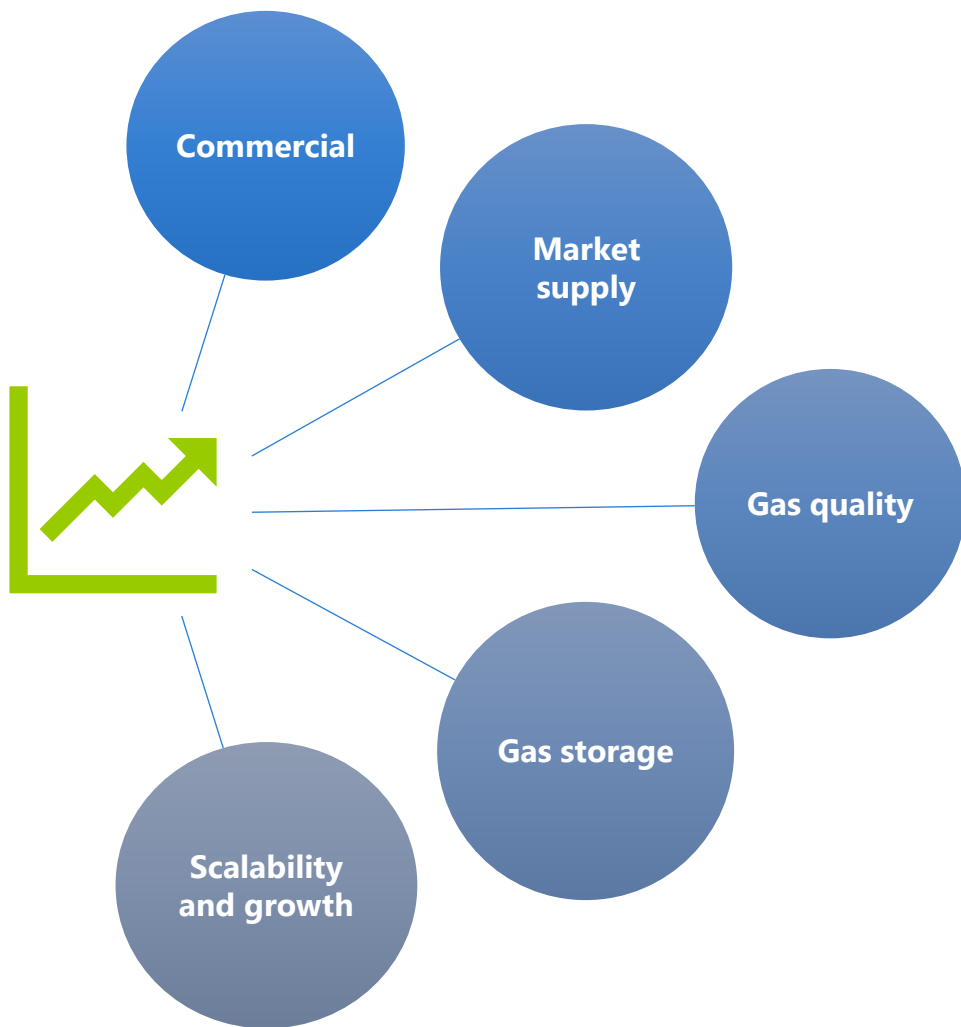
Source AEMO 2018 Gas Statement of Opportunities, June 2018



Delivered wholesale gas price forecast

Source: AEMO National Gas Forecasting Report, Eastern and SE Australia, Dec 2017

4. Our asset strategy



We are focused on:

- 1. Taking advantage of the Eastern Australian gas crisis; and*
- 2. Looking for potential onshore oil production*

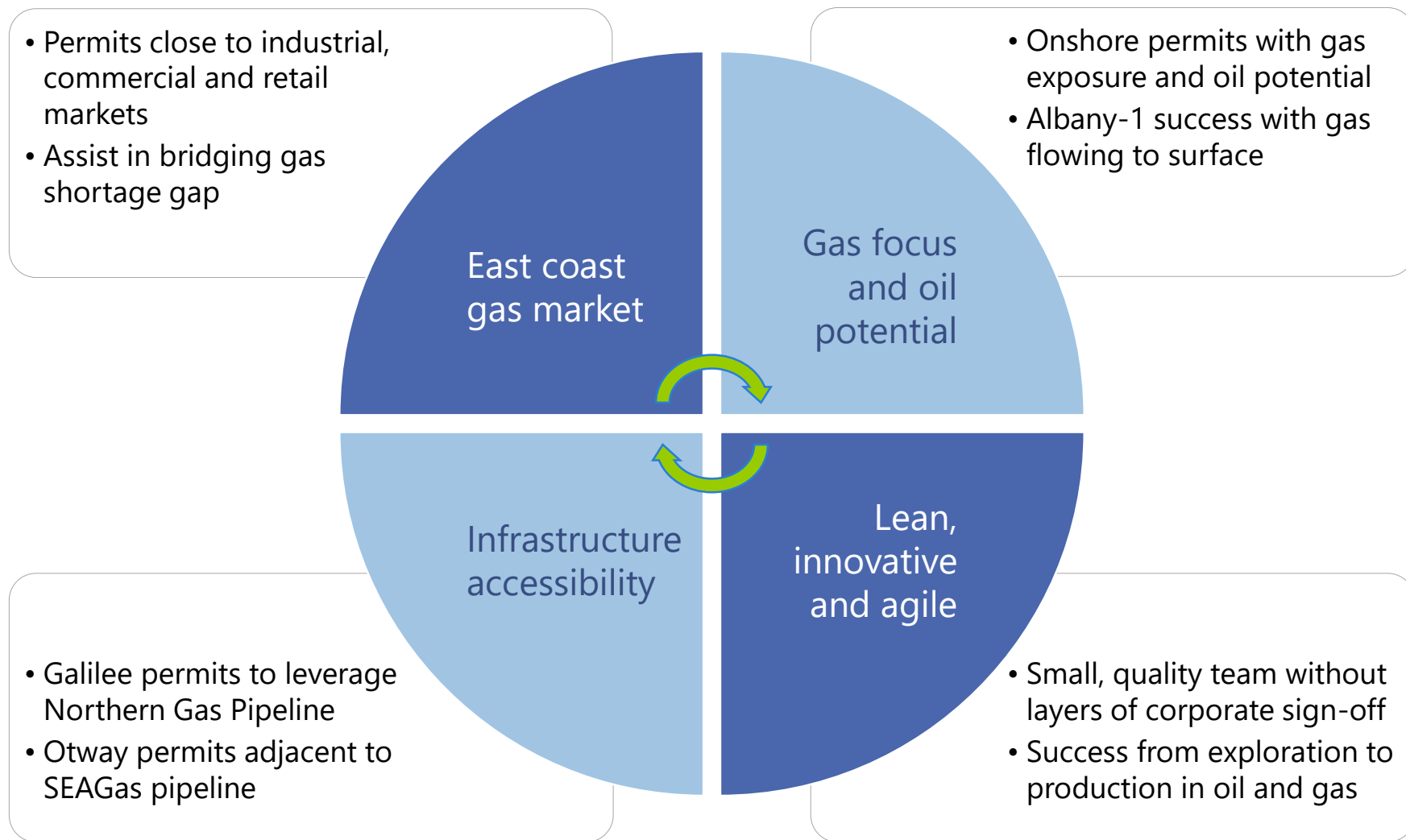
We will focus on assets that:

- Offer expeditious commercialisation on attractive terms;
- Are able to service undersupplied markets;
- Have high quality gas with liquids potential;
- Are located with profitable gas storage capability; and
- Offer scalability and potential for material growth, if commercial

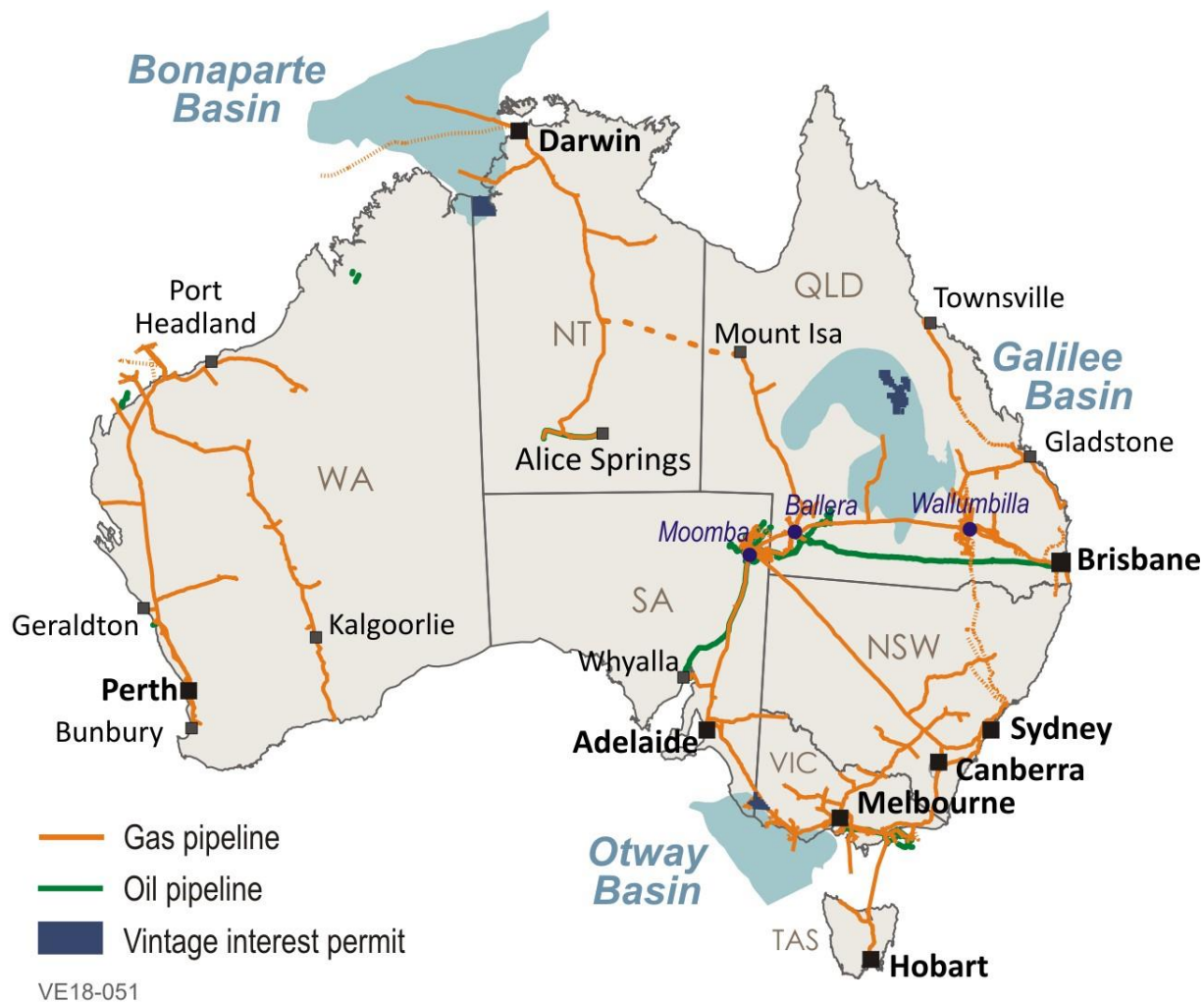
Neil Gibbins – Managing Director



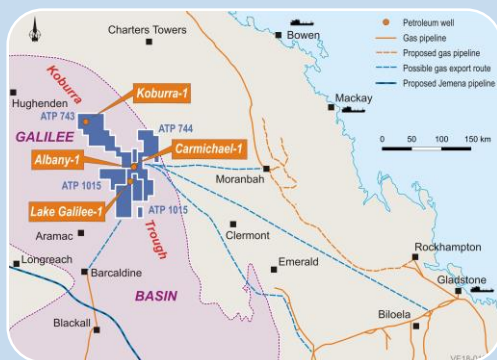
5. Value creation focus



6. Assets

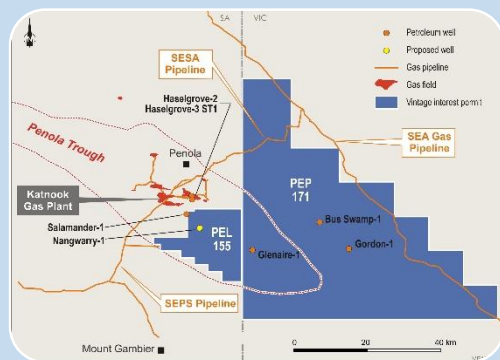


6. Assets



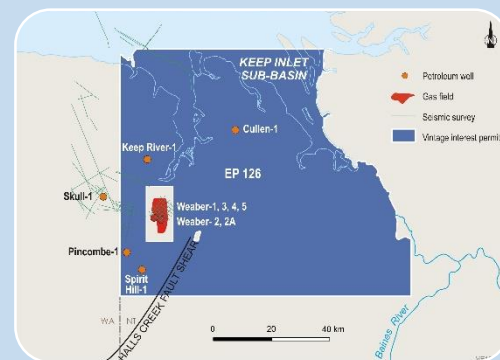
Galilee Basin

- Farming-in for 30%
- Albany-1 drilled
- Flowed gas at 230 Mscfd
- Albany-2, Albany-1/ST1 and 2D seismic to follow
- 2C contingent resource of 23 PJ booked (1C - 8 PJ & 3C - 63 PJ)
- Multiple routes to market



Otway Basin

- PEL 155
 - 50% equity
 - Nangwarry-1 to be drilled
- PEP 171
 - 25% initial equity (potential for 50%)
 - Geophysical re-interpretation, P&L evaluation, seismic plan

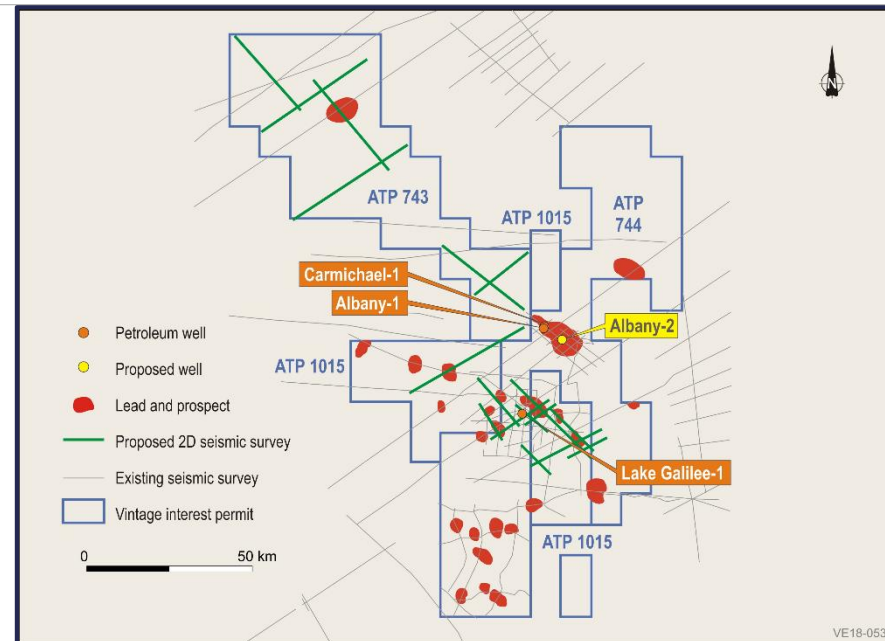


Bonaparte Basin

- 100% equity
- Proven petroleum system
- Multiple play types
- Hydrocarbon shows at Cullen-1 (2014)
- Multiple potential routes to market
- Optionality re partners and funding of forward programs

6.1 Galilee Basin – ATPs 743, 744, 1015 (“Deep’s”)

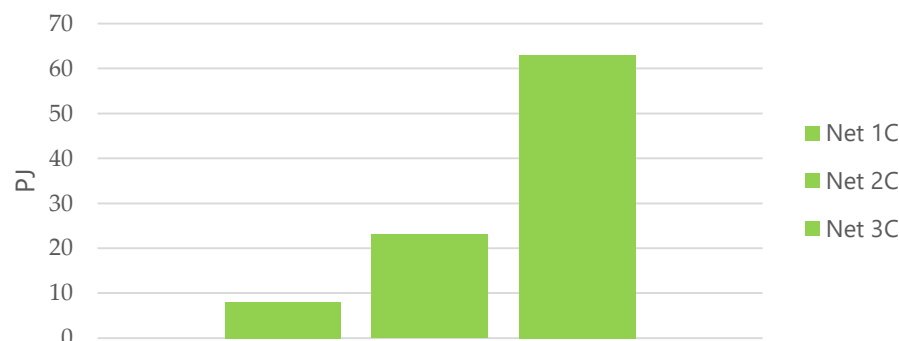
- Vintage 15% (earning up to 30%), Comet Ridge 85% and operator
- Vintage to fund 50% of \$10 million program to earn additional 15%
- Stage 2 seismic program
 - 2D seismic survey expanded to 300-420 km (previously 275 km)
 - Expected completion early in 2019
 - 619 km of existing 2D to be reprocessed
 - Estimated gross cost of \$3.5 million
 - Enhanced leads and prospects in Q1 2019



Indicative forward plan includes Albany-1 re-entry, Albany-2 and larger coverage of 2D seismic. Potential for additional structures with large gas accumulations

*During 2015, SRK Consulting (Australia) Pty Ltd, (“SRK”), conducted a technical analysis of the available Carmichael Field seismic and well data for Comet Ridge. Estimates are in accordance with the Petroleum Resources Management System (SPE, 2007) and Guidelines for Application of the PRMS (SPE, 2011). No Reserves were estimated. Probabilistic methods were used. Sales gas recovery and shrinkage have been applied to the Contingent Resource estimation. The losses include those from the field use, as well as fuel and flare gas. SRK has also been provided with the well data from Albany-1 and is of the view the well results are consistent with their estimates of contingent resources. Refer explanatory notes for detail.

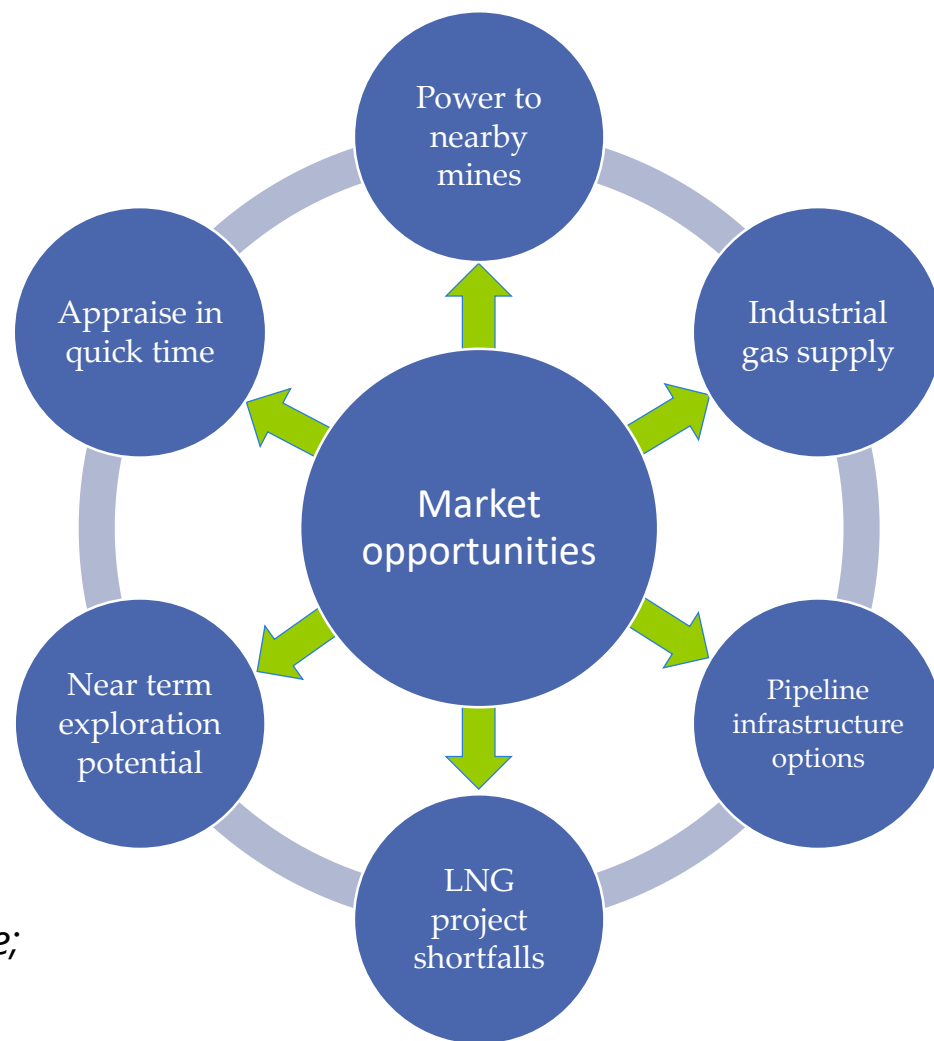
1C, 2C and 3C contingent resources*



6.1 Galilee Basin – Market opportunities

- Adjacent to proposed mines and coal seam gas projects
- Accessible to Gladstone and hubs powering local industry and cities
- Jemena feasibility assessment considering extending the NGP to the Wallumbilla gas hub
- Comet Ridge pipeline MOU with APA
- LNG shortfalls provide upside potential
- Additional leads and prospects within a working petroleum system
- Carmichael-1 gas discovery appraised with Albany-1; further appraisal with Albany-2

Key investing criteria met: gas focused with oil potential; close access to necessary infrastructure; and ability to fast track commercialisation



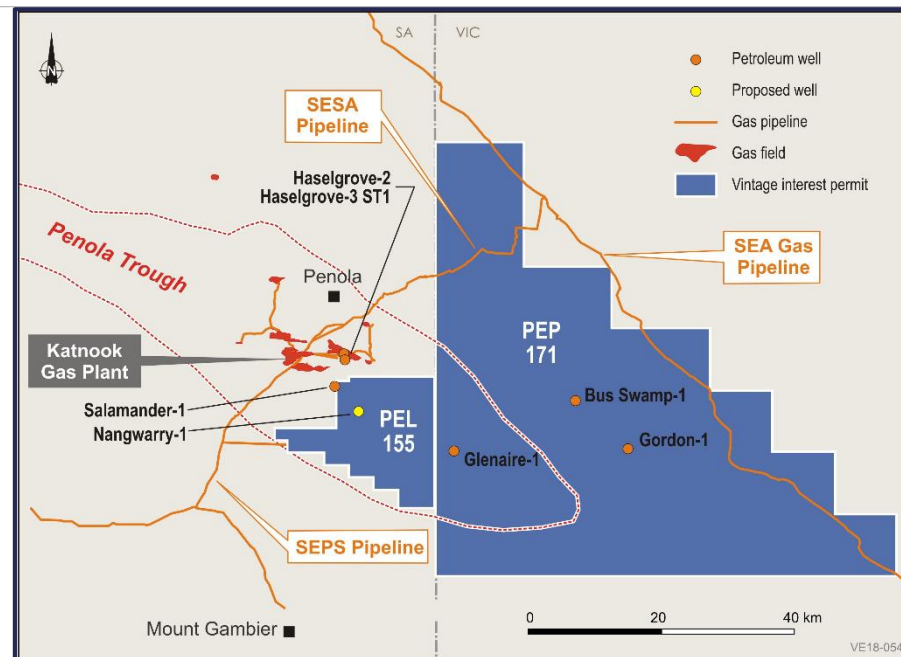
6.2 Otway Basin – PEL 155 and PEP 171

PEL 155 (SA)

- Vintage 50%, Otway Energy 50% and operator
- \$4.95 million SA Govt PACE Gas Grant received
- Nangwarry-1 expected to be drilled in FY19
 - Adjacent to Haselgrove discovery
- Nangwarry-1 Prospective Resource*
 - 57 Bcf (Gross) best estimate
 - 28.5 Bcf (Net) best estimate
- Victorian airborne geophysical survey extended over PEL 155 (PEP 171 covered)

Nangwarry-1 is a drill ready prospect that is close to infrastructure in a proven commercial gas province

*Estimates are in accordance with the Petroleum Resources Management System (SPE, 2007) and Guidelines for Application of the PRMS (SPE, 2011). Probabilistic methods were used. Sales gas recovery and shrinkage have been applied to the Prospective Resource estimation. The losses include those from the field use, as well as fuel and flare gas. Volumes have shrinkage applied to correct for estimated inerts and liquid dropout. Refer explanatory notes for detail.



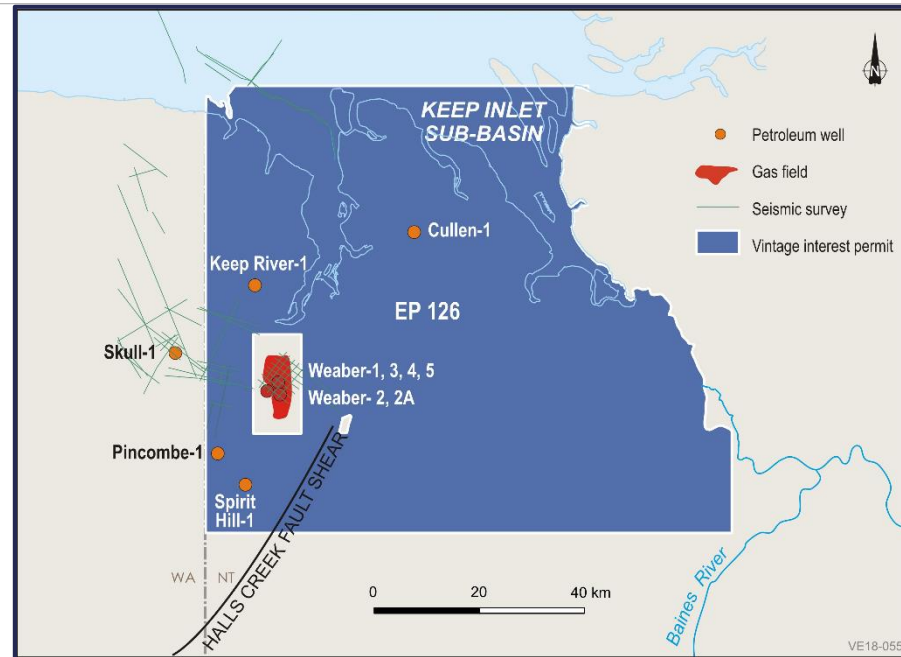
PEP 171 (VIC)

- Vintage 25% (via a carry through moratorium), Cooper Energy 75% and operator
 - Additional 25% by funding 65% of 100 km² 3D seismic program (~\$1.8 million net)
- Binding Heads of Agreement signed

Our focus is on the Penola Trough, which has produced ~70 PJ of gas to date

6.3 Bonaparte Basin – EP 126

- Vintage 100%; low cost entry
- Sales and purchase agreement with Beach
 - Transfer conditional upon NT Govt approval
- Large 6,700 km² permit in an underexplored frontier region
- Onshore Bonaparte wells have flowed gas
- Multiple play types
- Possible infill seismic and drilling
- Testing of Cullen-1 planned
- Optionality in terms of partnering to fund forward programs



*Hydrocarbon shows in Cullen-1 when drilled in 2014;
Cased and suspended and available to flow test*

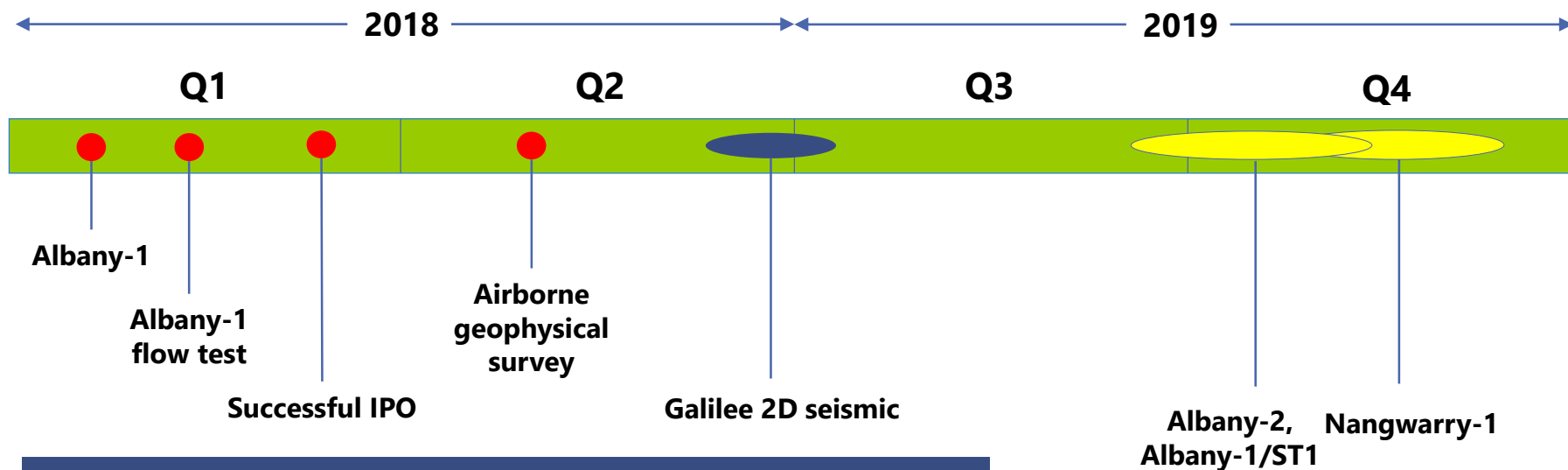


7. Strategy for sustainable growth



1. In-house operational and commercial expertise with a highly successful track record
2. Evaluation of multiple asset acquisitions / farm-in opportunities within Australia
3. Watching brief on a number of corporate opportunities
4. Asset portfolio with short / long-term oil and gas growth opportunities
5. Risk apportioned capital allocation to maximise returns for shareholders

8. FY19 timeline



Forward work plan and costs ¹				
Item	Units	FY19	FY20	Total
Wells	no.	2	4	7
3D Seismic	km ²		120	120
2D Seismic	km	415		275
Aerogravity	km ²	215		215
Well Tests	no.	1	2	3
Capital Expenditure	\$m	11.4	13.9	25.3

●	Completed
●	JV approved
●	Contracts under review

1. Excludes potential additional work from a success case

9. Summary

- The time is right to take advantage of energy market dynamics
- Quality acreage position acquired expeditiously
 - Drill ready prospects with a clear pathway to development if successful
- Continue to acquire, explore and develop gas focused assets, with oil potential, principally within Australia
 - Maintain a watching brief on corporate opportunities
- Lean corporate structure that leverages innovation to expedite opportunities
- Substantial news flow anticipated throughout FY19
- A values based culture with a clear focus on benefitting all stakeholders



We have the team on board, with a proven history of success in the oil and gas industry, that will be innovative, agile and effective in delivering value to all our stakeholders



VINTAGE ENERGY

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