



Energy to outperform

Macquarie Australia Conference

Ian Davies – Managing Director and CEO
Sydney, 1 May 2013

Senex 
Senex Energy Limited

Important notice and disclaimer

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Reserve and resource estimates

Unless otherwise indicated, the statements contained in this drilling report about Senex's reserves estimates have been compiled by Mr James Crowley BSc (Hons), who is General Manager – Exploration and Development, a full time employee of Senex, in accordance with the definitions and guidelines in the 2007 Petroleum Resources Management System approved by the Society of Petroleum Engineers (SPE PRMS).

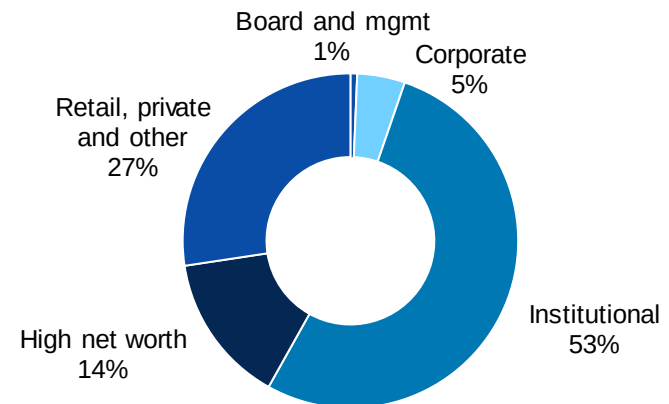
Mr Crowley consents to the inclusion of the estimates in the form and context in which they appear. Senex's reserves and resources are consistent with the SPE PRMS.

Corporate information

- On shore conventional and unconventional oil and gas
- High growth, profitable, no debt and strong cash position
- Dynamic, highly credentialed technical and commercial leaders
- Single substantial shareholder:
 - Sentient group 16.5%

Board	
Denis Patten	Independent Chairman
Ian Davies	MD & CEO
Tim Crommelin	Non-executive
Ralph Craven	Independent non-executive
Ben McKeown	Non-executive
Yanina Barila	Alternative non-executive

Key Metrics	
ASX Code	SXY
Shares on issue	1140.8 million
Current share price ¹	A\$0.72
Market capitalisation	A\$821 million
Cash position ²	A\$150 million (no debt)



1. At 26 April 2013
2. At 31 March 2013

Senex is a major player in the Cooper Basin...

South Australian
Cooper Basin focus

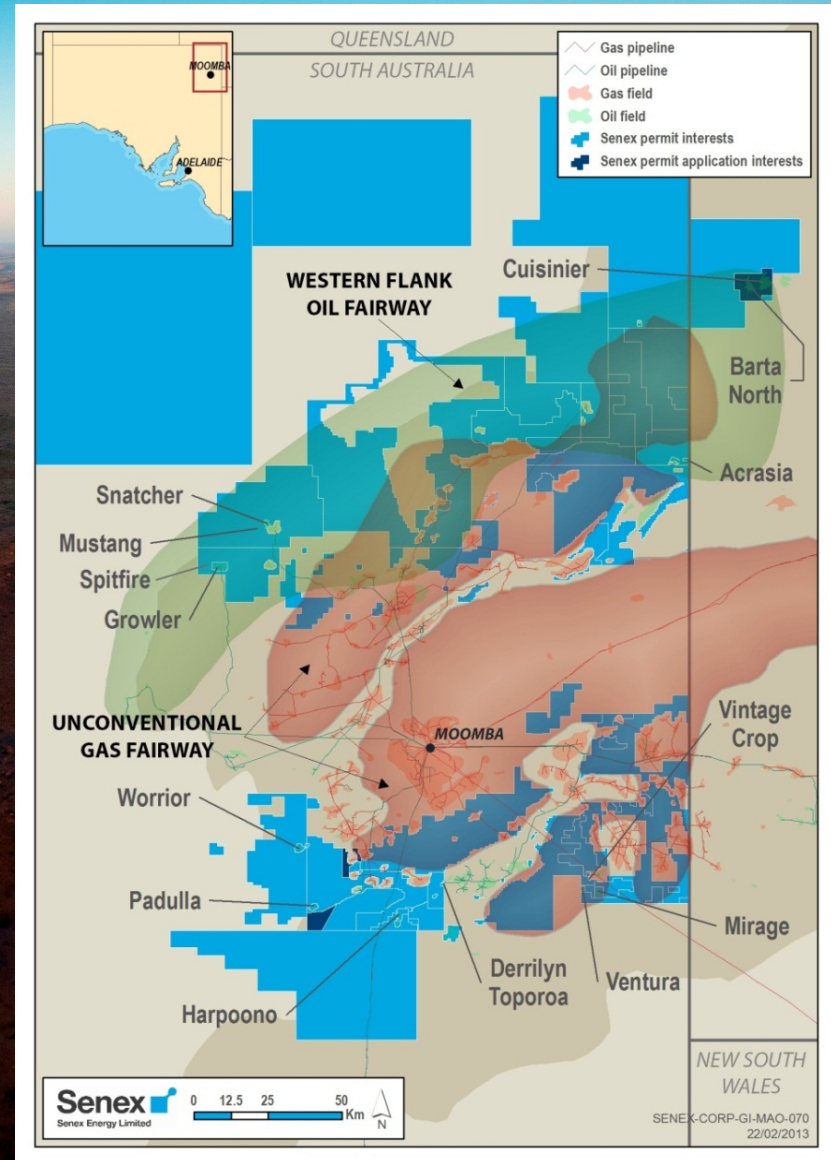
Proven onshore
hydrocarbon province

63 permits

14 operated oil fields

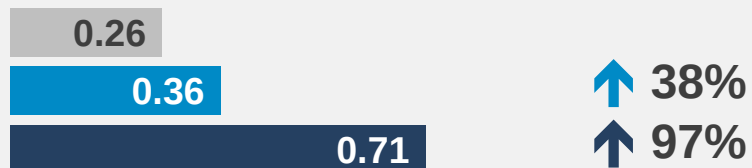
44 joint ventures

72,969 km² net acreage



...with a demonstrated track record

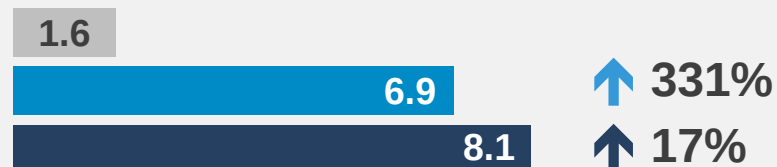
Share price (A\$ at 30 June)



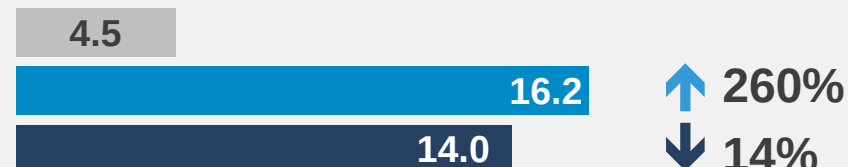
Market capitalisation (A\$m at 30 June)



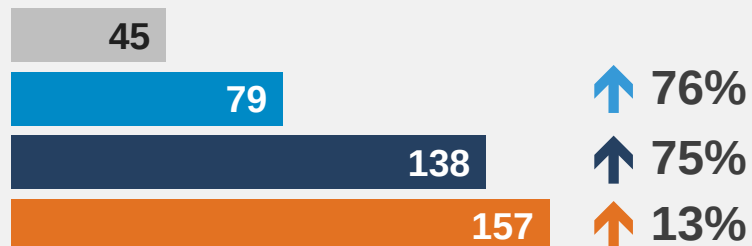
Net 2P oil reserves (mmbbls)



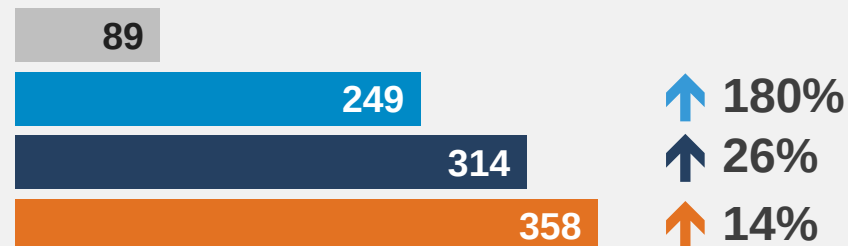
Net 3P oil reserves (mmbbls)



Net 2P gas reserves (PJ)



Net 3P gas reserves (PJ)



Agenda

Australian east coast gas market

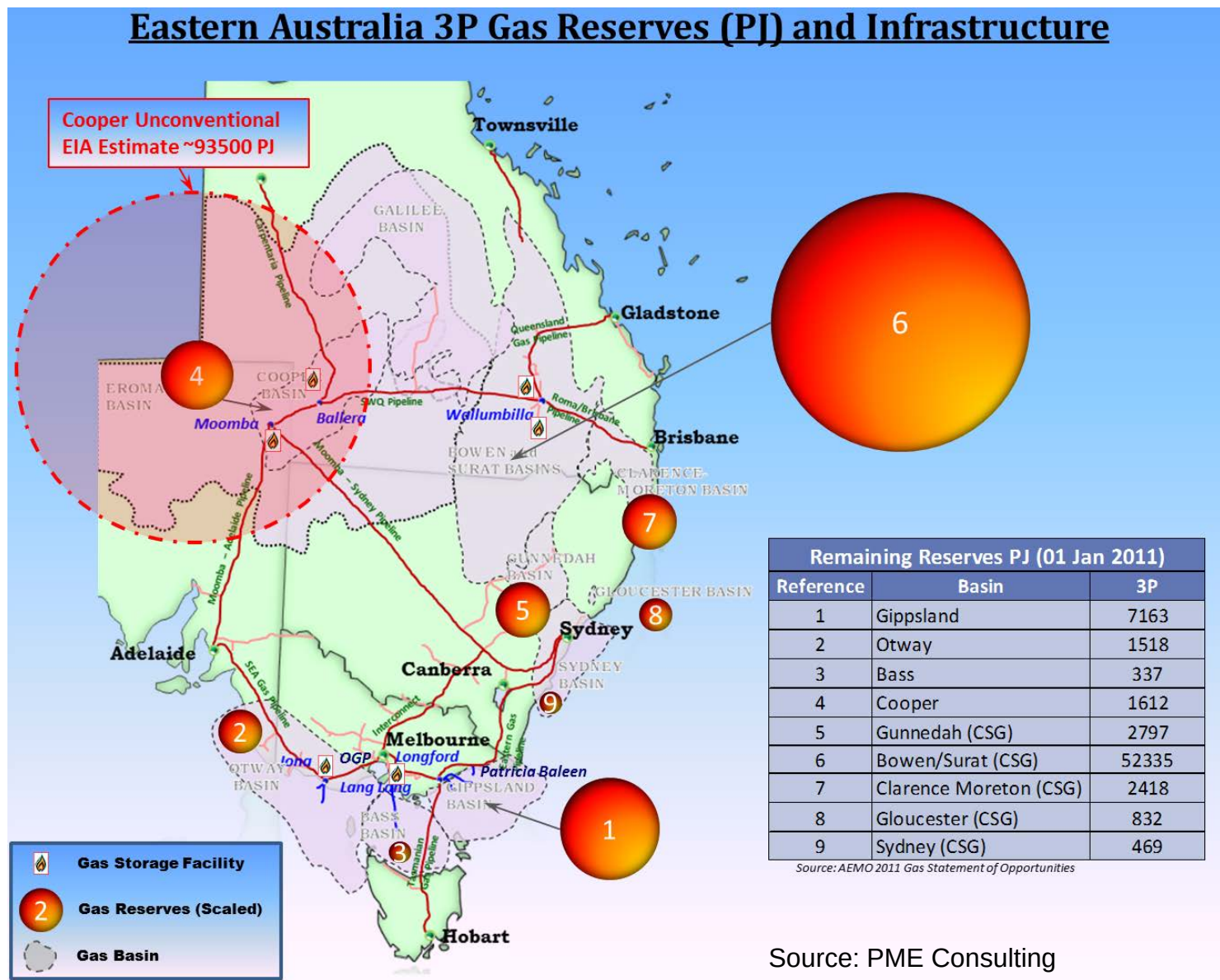
Unconventional gas business

Coal seam gas business

High margin & growth oil business

Outlook

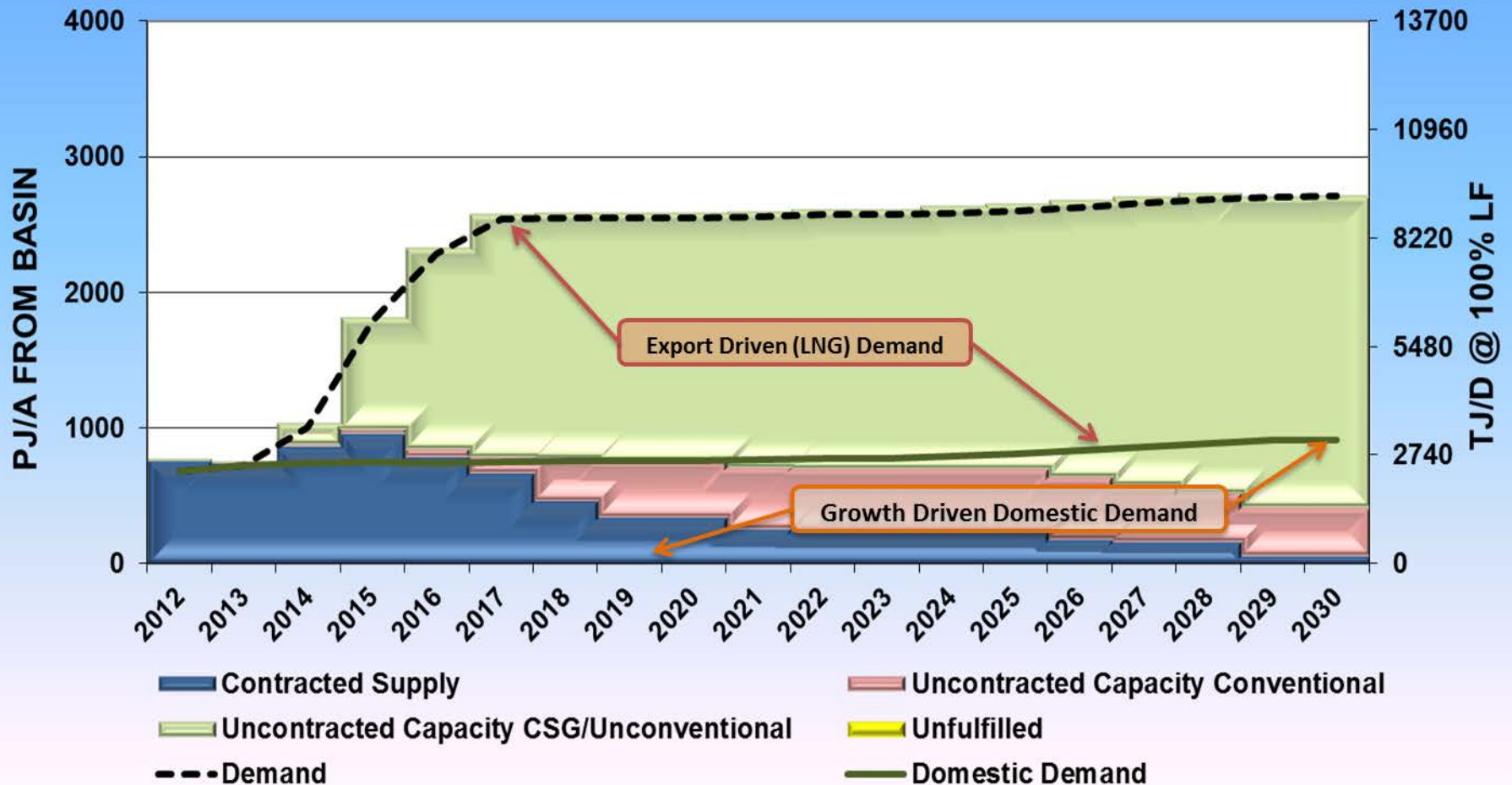
Massive new gas supply opportunities from **Senex** Australia's Cooper Basin



Source: PME Consulting

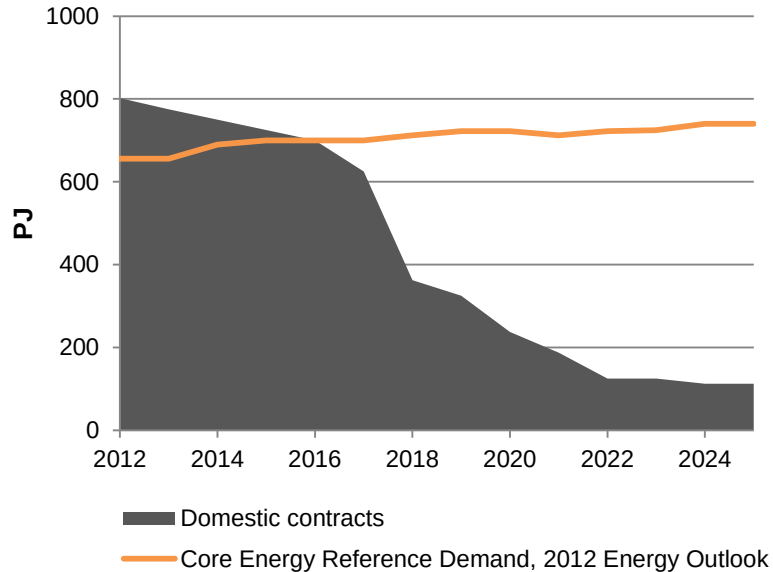
East coast LNG projects require unprecedented new gas supply...

EASTERN AUST GAS BALANCE 2012 - 2030

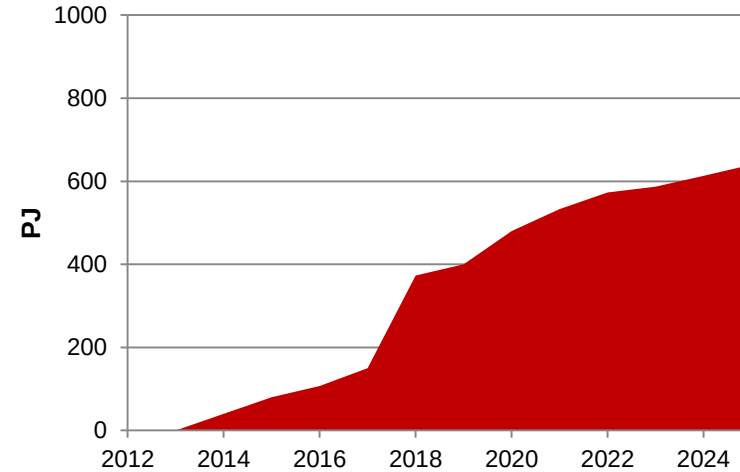


...with large uncontracted domestic demand...

Existing domestic east coast contracts



Uncontracted east coast demand



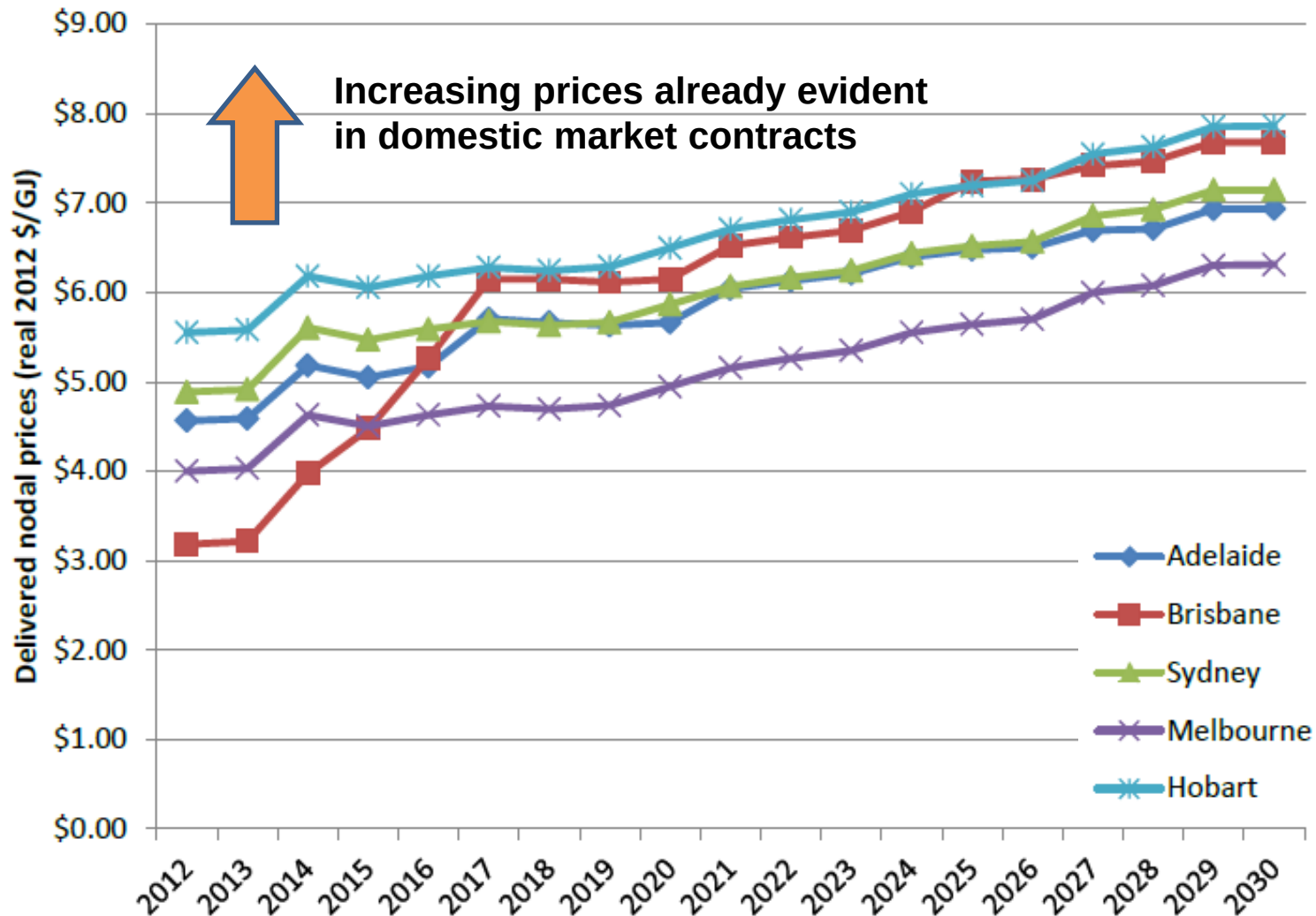
Source: Core Energy, Energy Outlook 2012

“By 2017 reserve coverage, based on existing reserves and projected domestic demand, is expected to be approximately 15 years which is beginning to test the comfort limits of gas fuel security.”

Core Energy, Energy Outlook 2012

...contributing to higher gas prices

Eastern Australia gas price projection



Source: ACIL Tasman

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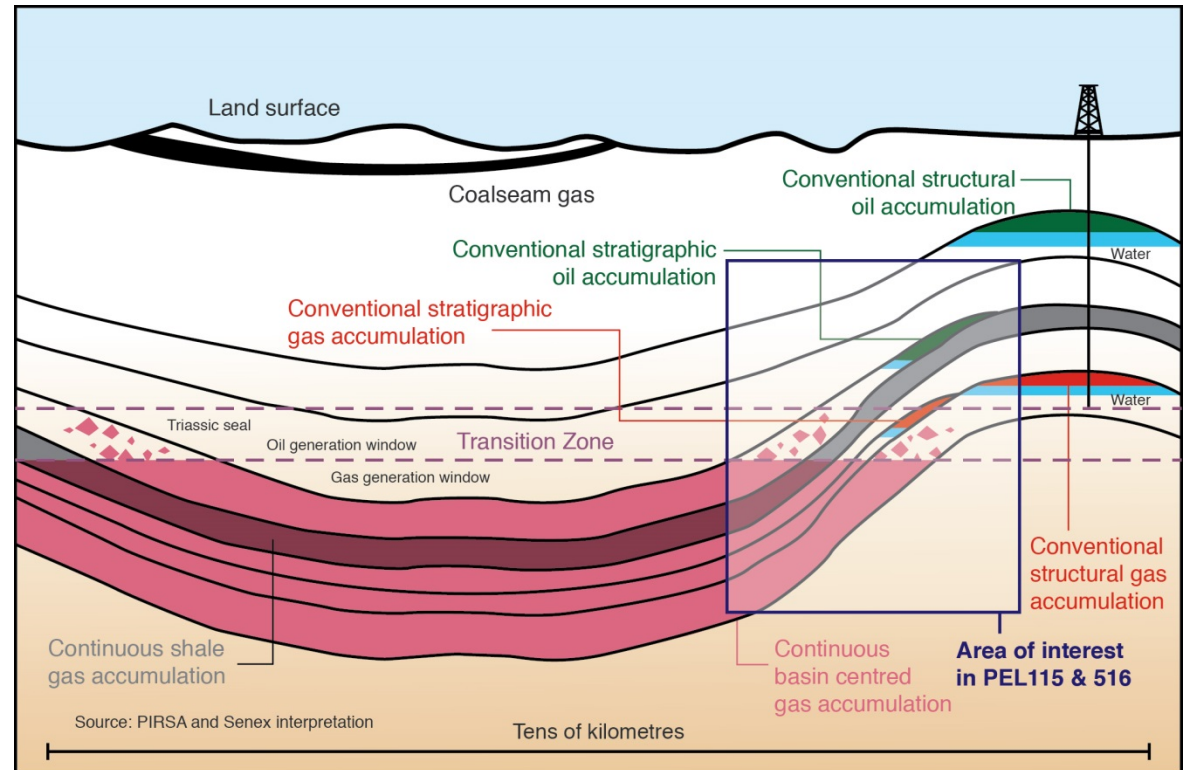
High margin & growth oil business

Outlook

The Cooper Basin hosts all gas reservoir types

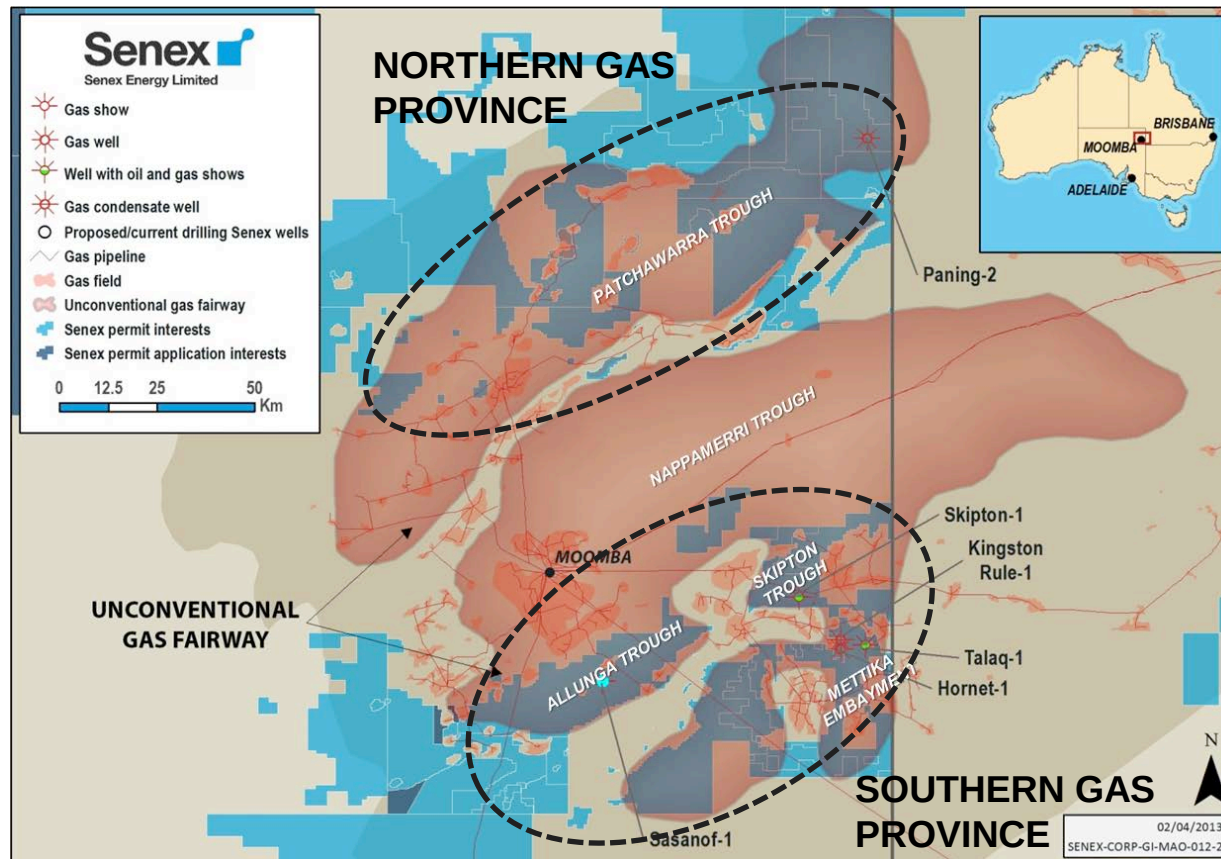
A continuum exists between conventional and unconventional reservoirs:

- **Conventional** reservoirs are those dominated by buoyancy and capillary forces
- **Unconventional** reservoirs are those dominated by capillary and molecular forces



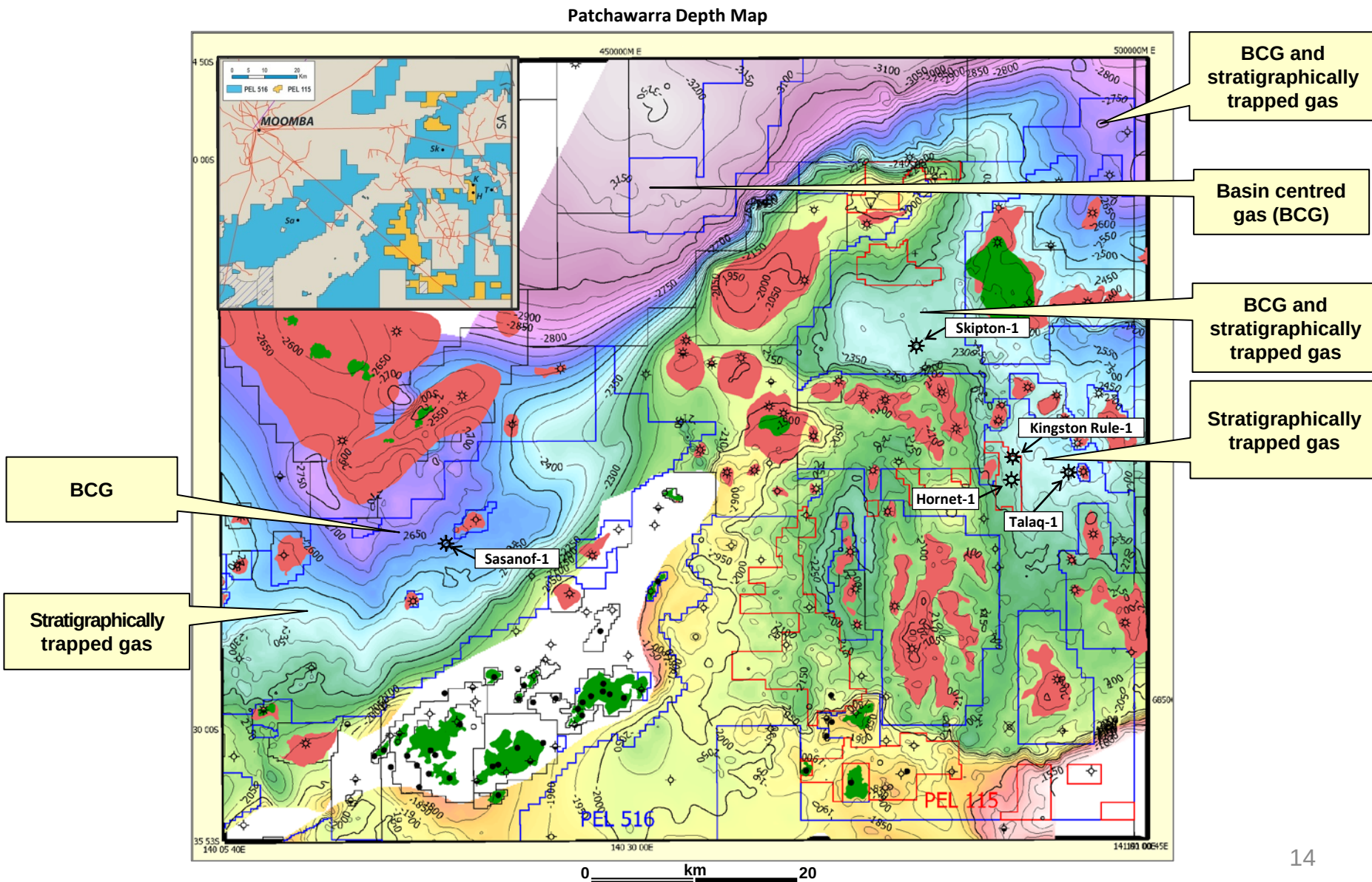
- c.95% of all Cooper Basin gas discoveries to date are in conventional *structural* traps
- Huge opportunities exist in other reservoir types

...with huge gas potential in the north and south SA Cooper Basin



- Multi-Tcf recoverable gas resource identified in the “Southern Gas Province”
- Paning-2 confirms gas in the “Northern Gas Province”
- 2.2+ mmscfd gas flows from Hornet-1
- 1.4+ mmscfd gas flow from Kingston Rule-1
- Targeting material contingent resource following hydraulic fracture stimulation program

Historically, conventional structural traps have been drilled – material opportunities remain

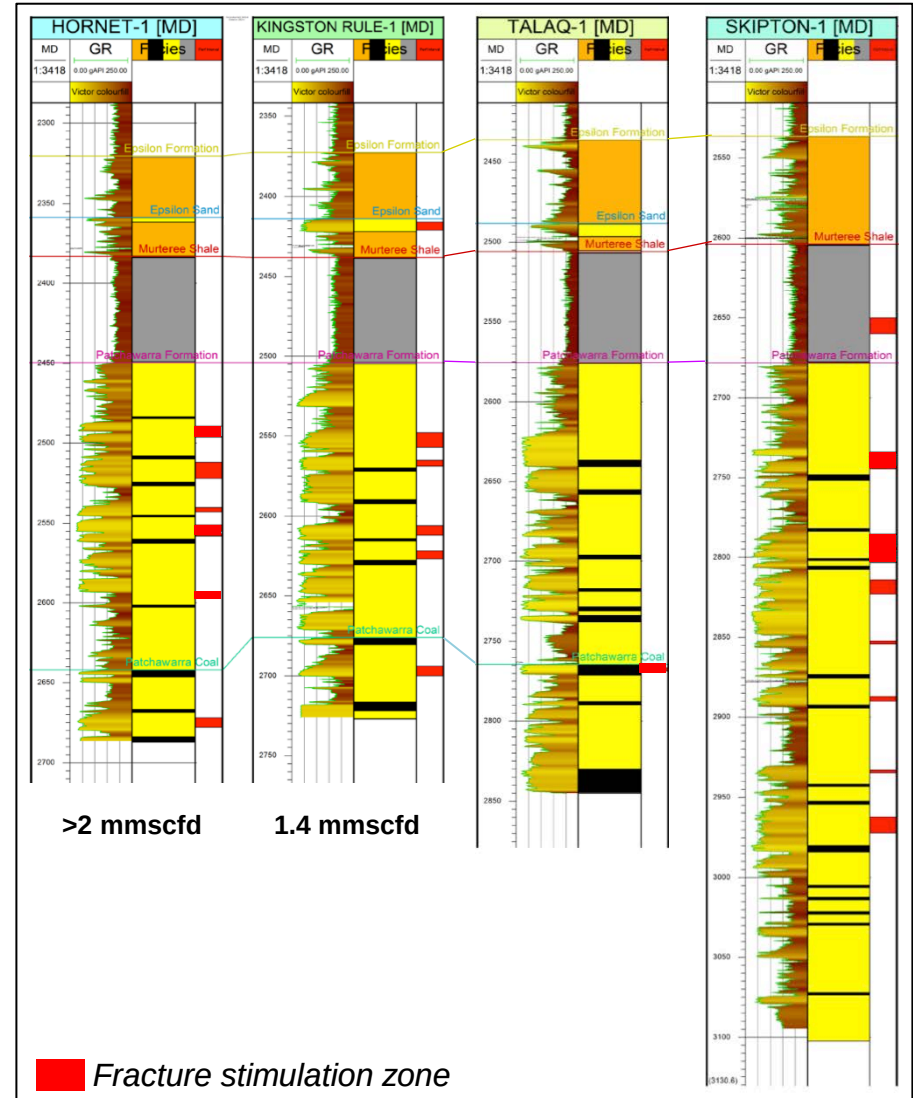


Encouraging results from current fracture stimulation program...

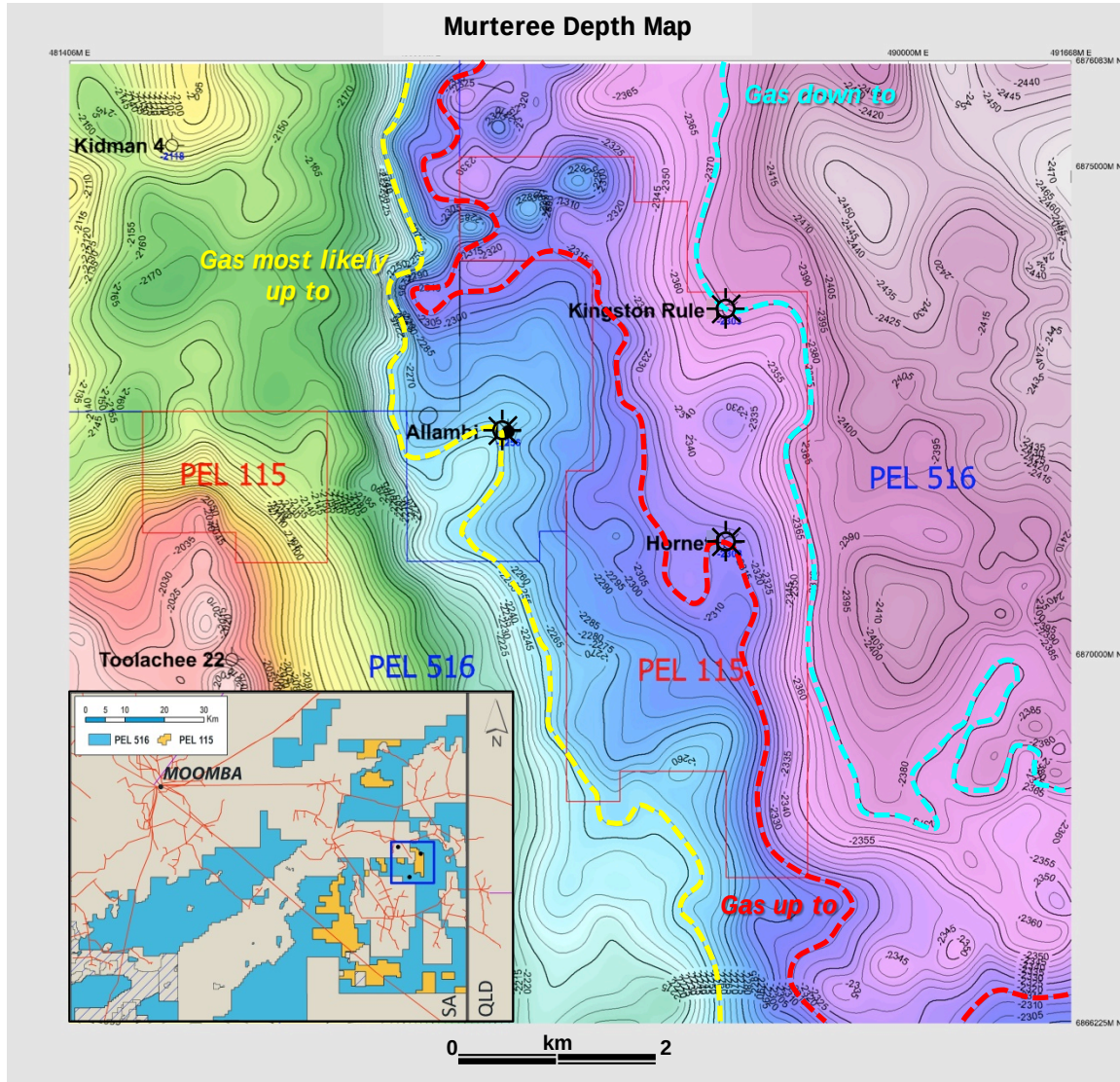
Well	Formations	Stages ¹
Kingston Rule-1	Patchawarra Epsilon	4 1
Hornet-1	Patchawarra	5
Skipton-1	Patchawarra Murteree	7 1
Talaq-1	Patchawarra coal	1
Paning-2 ²	Toolachee Epsilon Patchawarra	1 2 2

¹ Number of stages attempted or planned, subject to change

² Target zones under evaluation



...with a significant stratigraphic gas accumulation identified



Potentially 100's of Bcf recoverable gas potential within the Patchawarra tight sands of Horner-1 and Kingston Rule-1

- Kingston Rule-1 tested the known down-dip limit in PEL 115
- Horner-1 tested an up-dip extent of the stratigraphic accumulation
- Likely extends along strike into PEL 516 and up-dip to Allambi-1
- Commercialisation through existing infrastructure

Multi-Tcf gas potential in conventional and tight reservoirs

- Gas discoveries at Hornet-1 and Kingston Rule-1
- Pilot program required to confirm deliverability and reserves
- Program objectives so far:
 - Gas to surface: resource definition
 - Continual cost reduction
- Appraisal wells planned for FY14 to confirm extent with exploration wells to test BCG play
- Dedicated rigs being brought in country, with enhanced service company support



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Australian east coast gas market

Unconventional gas business

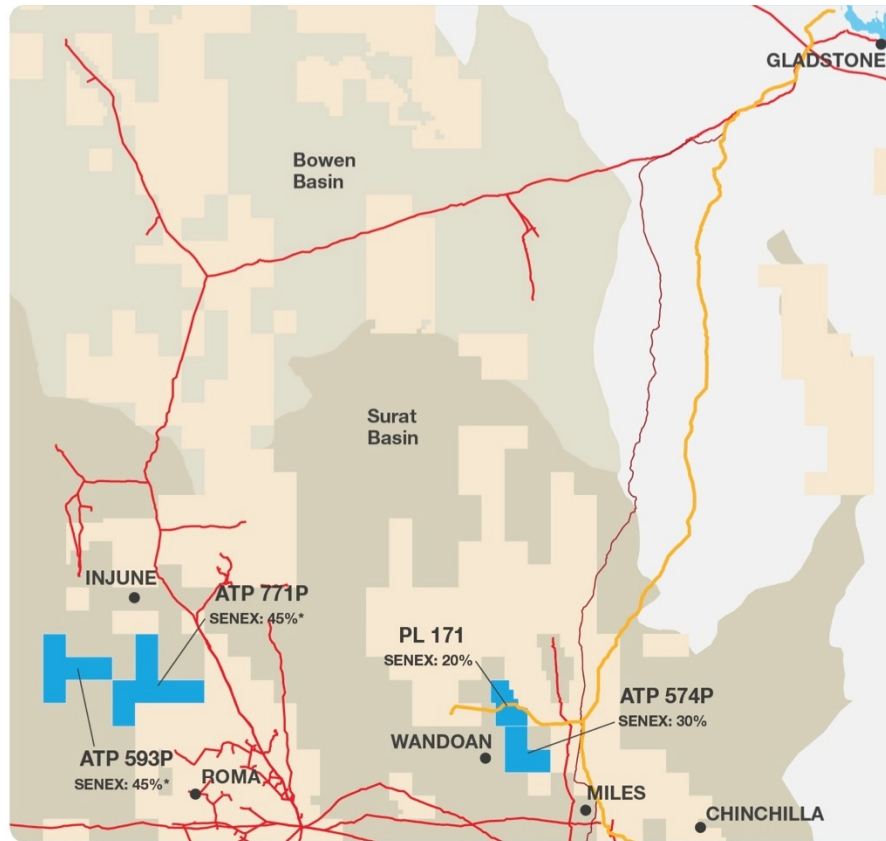
Coal seam gas business

High margin & growth oil business

Outlook



Continued growth in 2P and 3P reserves



Legend

-  Existing gas pipelines
-  Proposed QGC gas pipeline (under construction)
-  Proposed APLNG gas pipeline (under construction)
-  Senex permit interests
-  Surrounding CSG-LNG permits



0 12.5 25 50 Km

- **Net reserves:**
 - 2P reserves 156.6 PJ
 - 3P reserves 357.7 PJ
 - 598 PJ of reserves and resources (~102.8 mmboe)
- Located in the Gladstone LNG feedstock heartland
- Intensifying interest in monetisation opportunities
- Seven successful appraisal wells drilled in 2012/13
- Planning underway for further eleven exploration and appraisal wells across eastern and western permits

Continuing value add in 2013/14



- Exploration and appraisal to build 2P reserves and enhance resource definition
- 11-well program across eastern and western permits
- Field development planning, targeting pilot production programs in 2013/14
- Intensifying interest in monetisation opportunities
- CSG to LNG projects will require additional third party gas supplies

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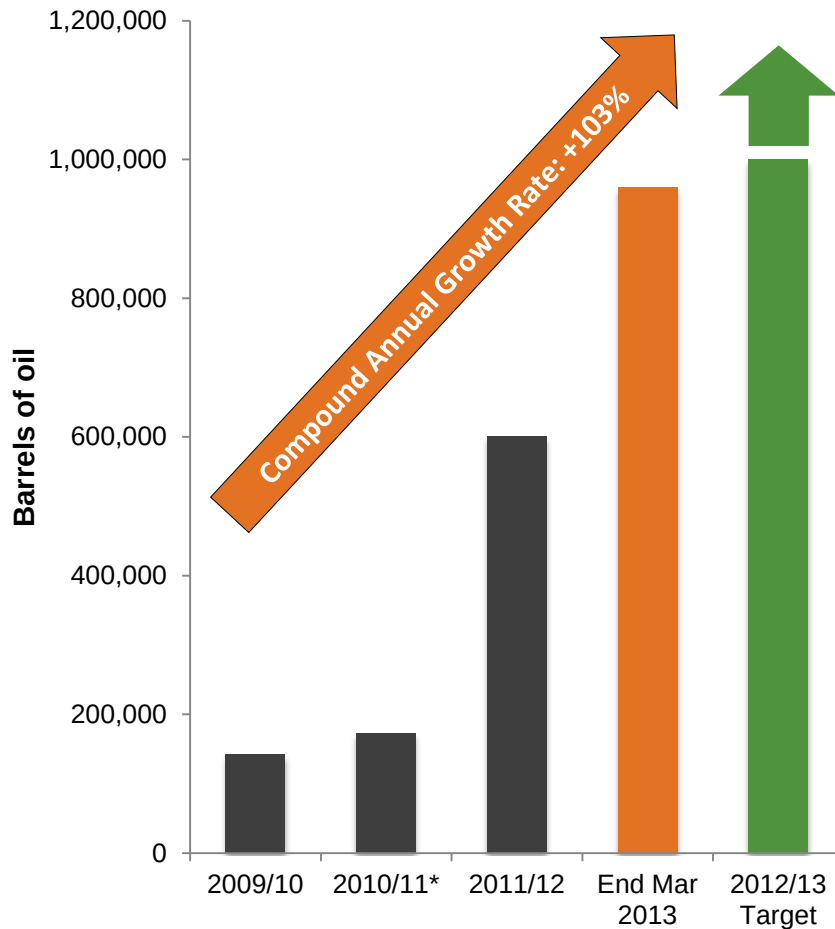
High margin & growth oil business

Outlook



Senex has a rapidly growing, material oil E&P business

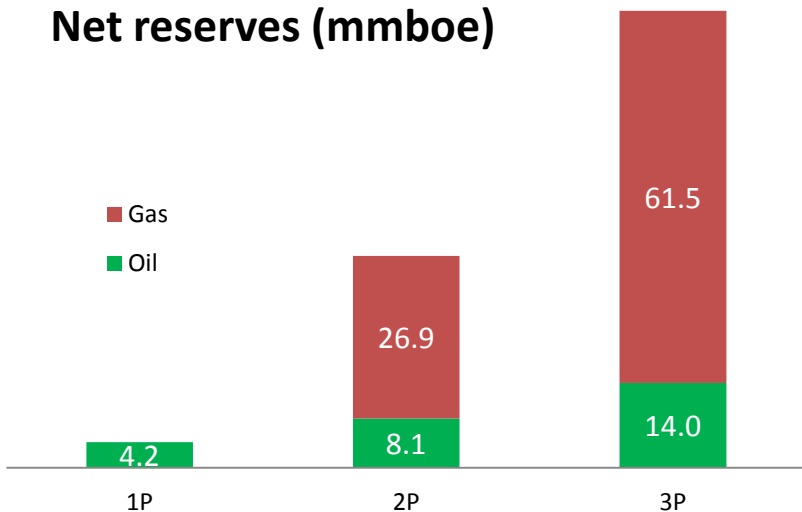
Annual oil production (net)



- 2012/13 oil production target upgraded to 1.2 million barrels
- Oil production CAGR of +103%
- Multi-million barrel oil reserve upgrade at full year

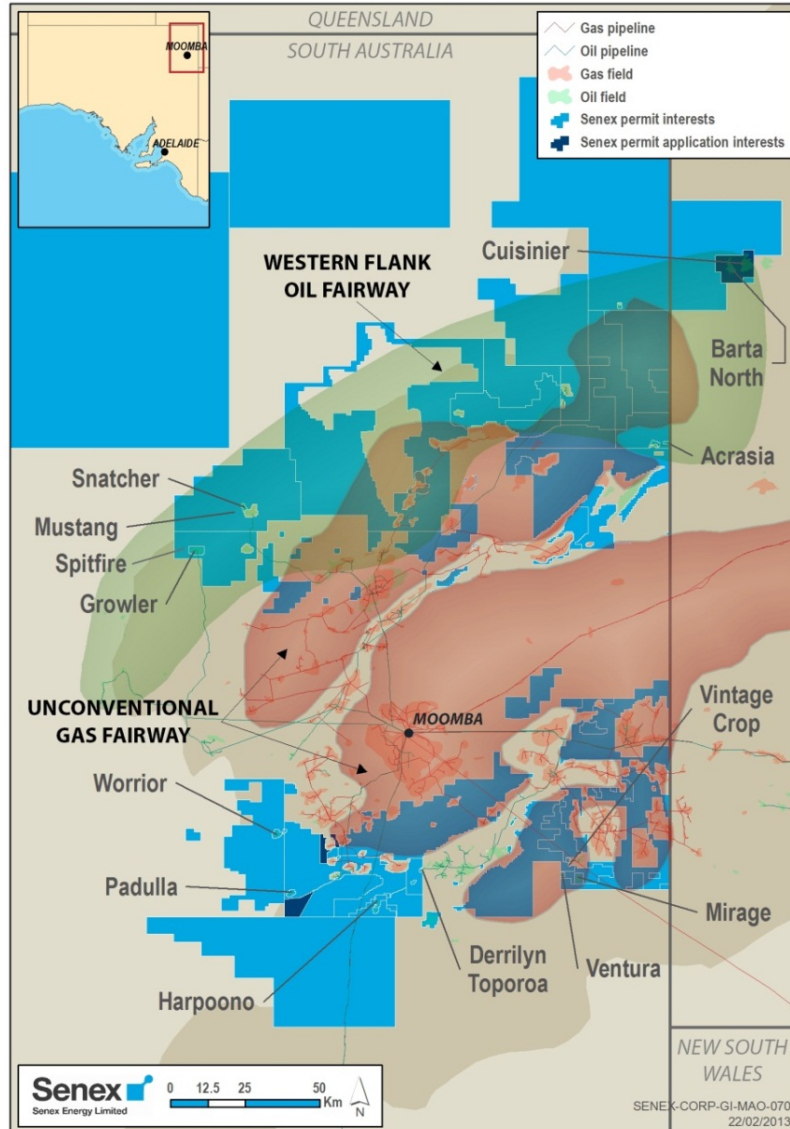
Net reserves (mmboe)

■ Gas
■ Oil



* Full year contribution from Stuart Petroleum acquisition

Continued production and drilling success



Production:

- 2012/13 half year net production of 959,690 barrels, up 60% on 2011/12 full year

Development:

- Successful appraisal well at Vintage Crop-2
- First two of five appraisal wells at Cuisinier completed as oil producers
- Pipelines guarantee production over the wet season and reduce costs

Exploration:

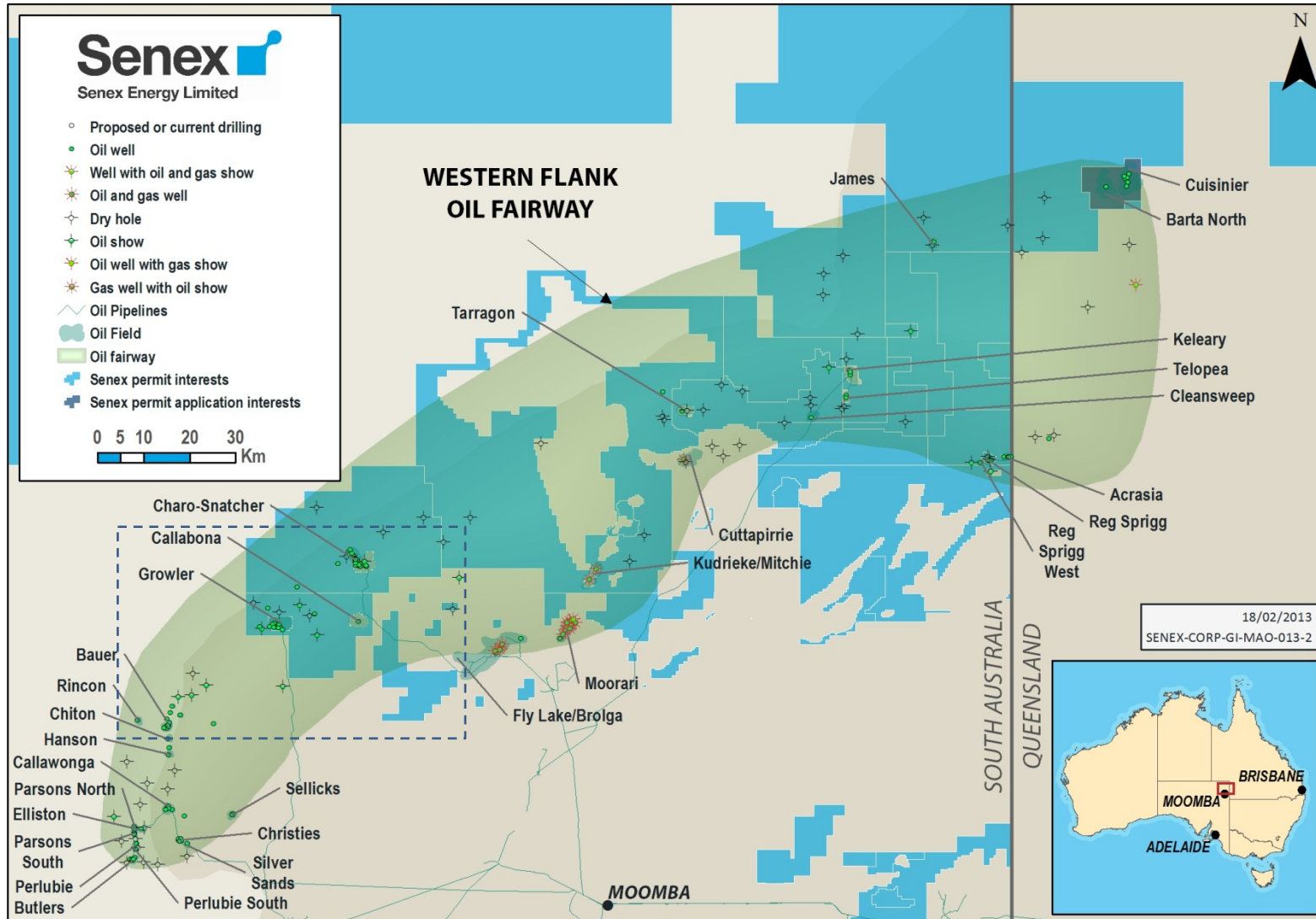
- Mustang discovery continues to exceed initial expectations
- Cordillo and Lignum seismic processing underway
- Dundinna 1,030 km² 3D seismic line preparation commenced

Cooper Basin Western Flank: a proven oil province with exceptional growth opportunities

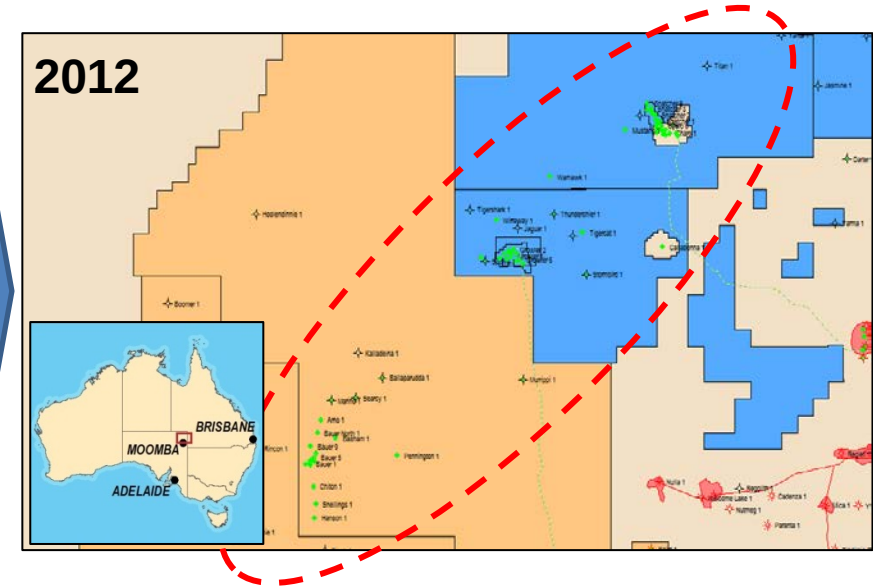
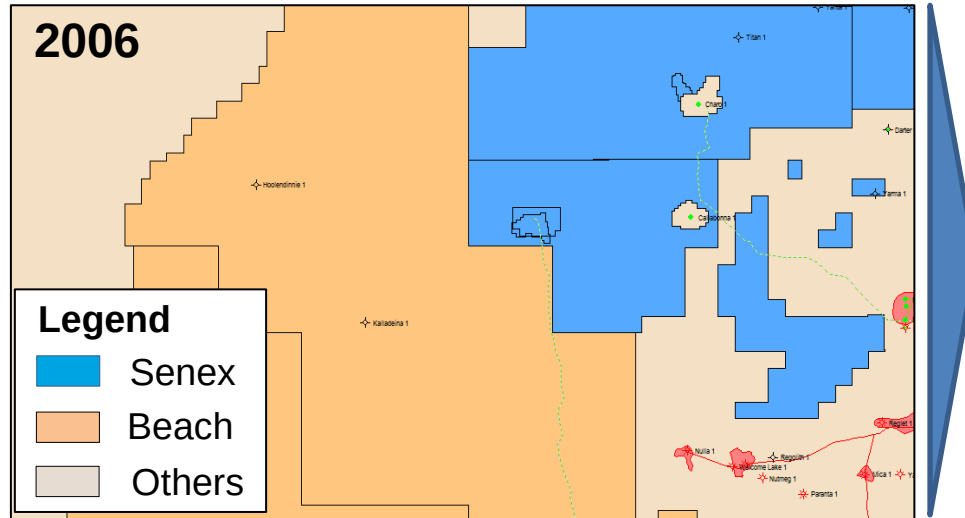


- Underexplored due to history of the area
- Oil shows throughout the region provide increased confidence
- High quality 3D seismic is the key exploration tool
- Significant recoverable resources already identified
- Senex holds majority equity and operates all of its interests in the South Australian Cooper Basin Western Flank

Oil discoveries span the fairway, but it remains under-explored

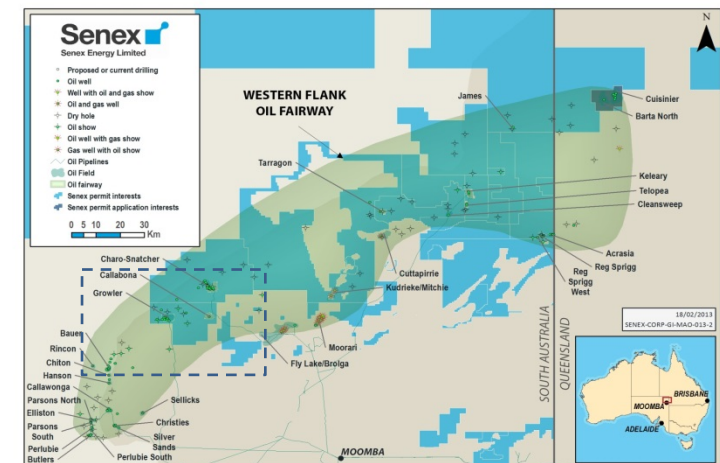


Recent results point to a significant Western Flank resource...

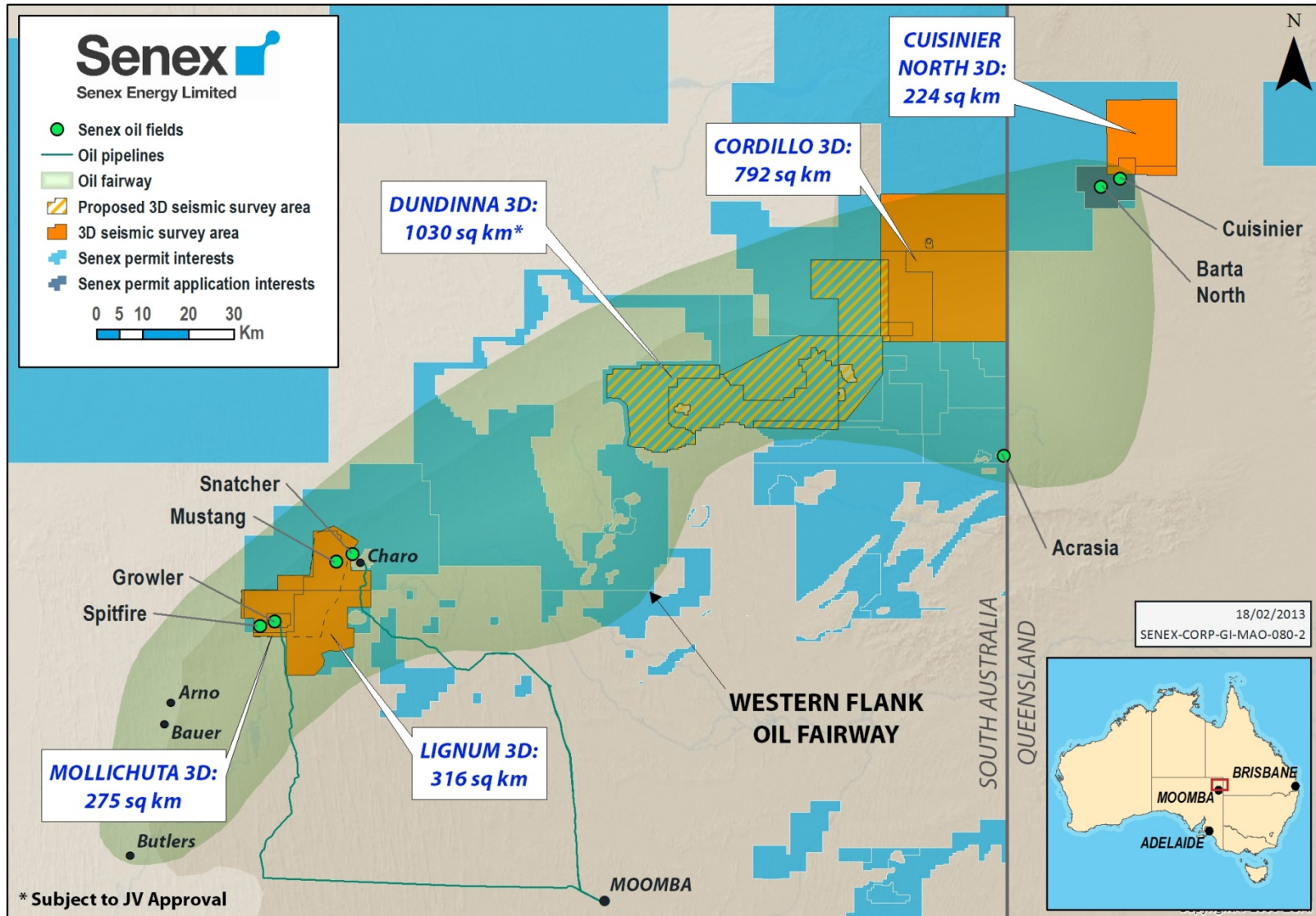


The Cooper Basin is significantly underexplored compared with mature North American hydrocarbon provinces:

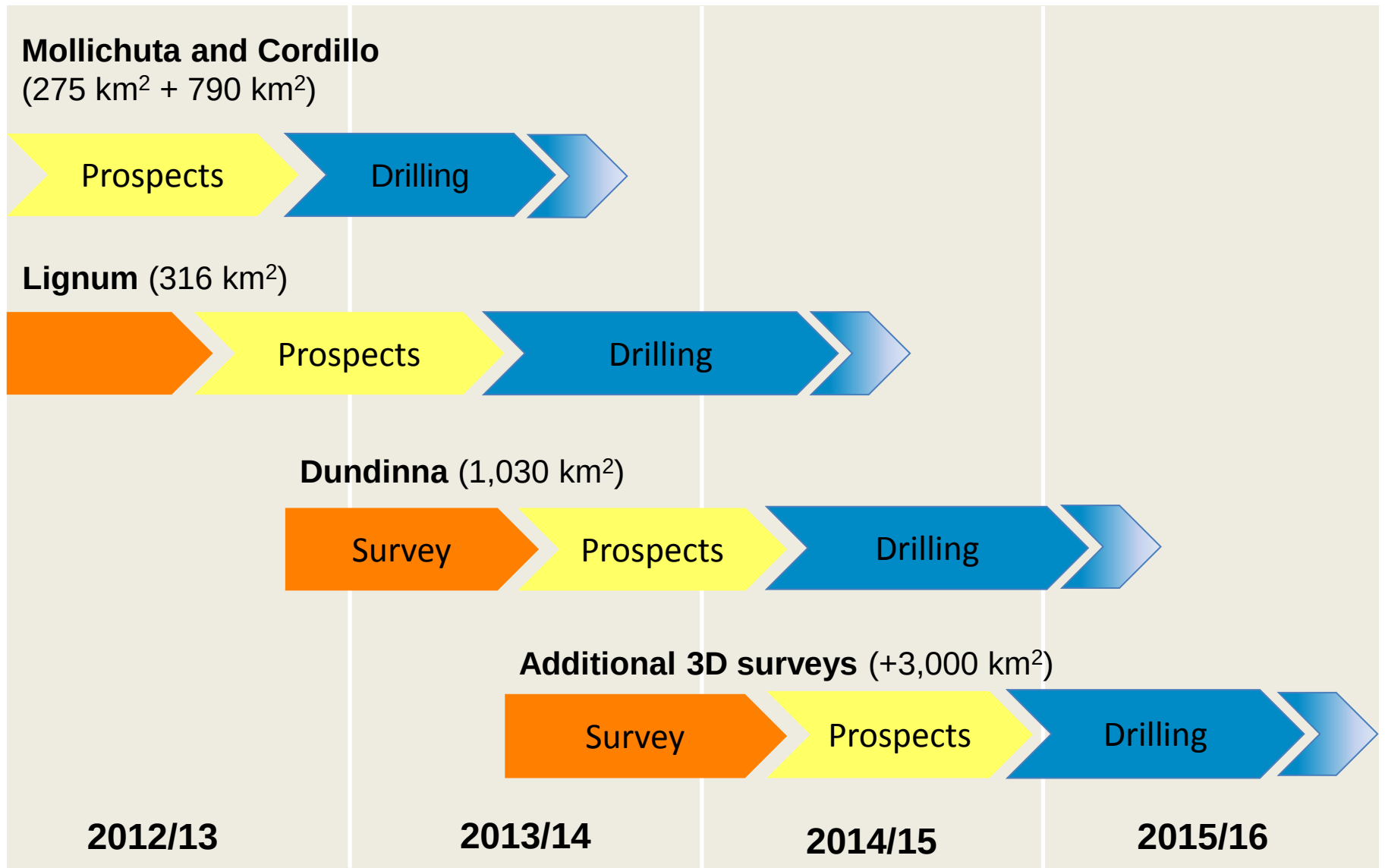
	Permian Basin	Cooper Basin
Well density	69 / 100 km ²	2.3 / 100 km ²



...with broad-acre 3D seismic the key to unlocking the potential



Senex is developing a large pipeline of opportunities to grow production and reserves



Agenda

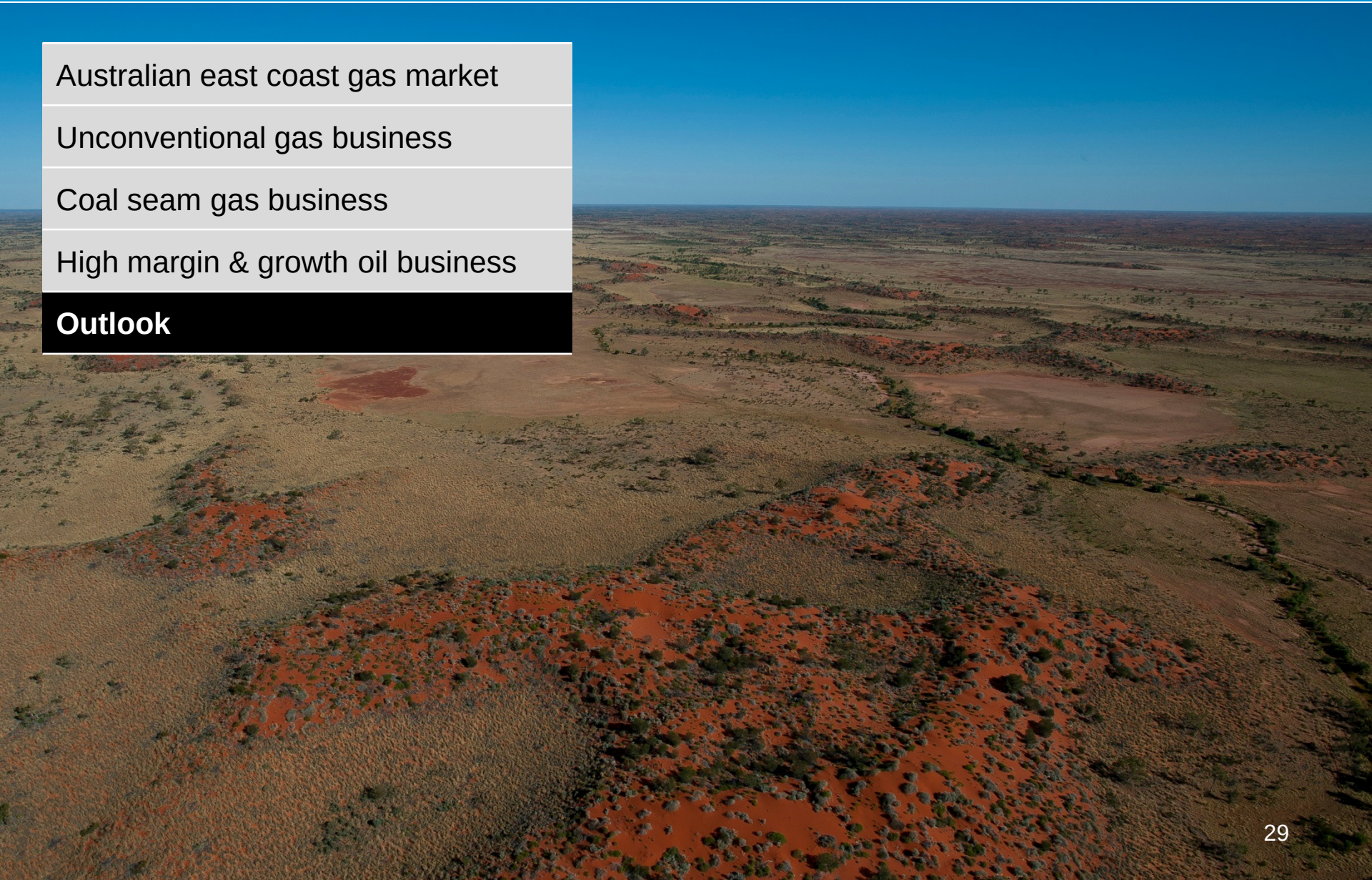
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Outlook



Positioned for success

- 2012/13 oil production guidance increased to 1.2 million net barrels
- Material oil reserves upgrade at full year following exploration success
- \$150m cash and no debt
- Operating costs continue to fall
- Intensifying interest in CSG assets with continued reserve build success
- Early success in unconventional gas exploration program
- Rising gas price environment benefiting project economics
- Fully funded through FY14





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