

Investor Update

September 2013

Disclaimers

Forward-looking Statements and Resources



Forward-looking Statements

This presentation includes certain forward-looking statements that have been based on current expectations about future acts, events and circumstances. These forward-looking statements are, however, subject to risks, uncertainties and assumptions that could cause those acts, events and circumstances to differ materially from the expectations described in such forward-looking statements.

These factors include, among other things, commercial and other risks associated with estimation of potential hydrocarbon resources, the meeting of objectives and other investment considerations, as well as other matters not yet known to the Company or not currently considered material by the Company.

MEO Australia accepts no responsibility to update any person regarding any error or omission or change in the information in this presentation or any other information made available to a person or any obligation to furnish the person with further information.

Contingent and Prospective Resources

In regard to Prospective Resources 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 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.

Seruway PSC in which MEO has an interest is subject to the terms of a profit sharing agreement. The terms of this agreement generally allows for the working interest participants to be reimbursed for portions of capital costs and operating expenses and to share in the profits. The reimbursements and profit proceeds are converted to a barrel of oil equivalent by dividing by forecast product prices to determine the “entitlement resources.” These entitlement resources are equivalent in principle to net resources and are used to calculate an equivalent net share, termed “Net Entitlement Interest.”

In accordance with the ASX listing rules, MEO net resources or interest for Seruway PSC subject to this agreement is the entitlement based on MEO’s working interest.

Conversion factors: 6 Bscf gas equals 1 MMboe; 1 bbl condensate equals 1 boe

Resource assessment in this document are based on, and fairly represents, information and supporting documentation prepared by Mr Lubing Liu, MEO’s Chief Reservoir Engineer, who is employee of the company and has nearly 20 years of relevant experience. Mr Liu is a member of the SPE and consents to the publication of the resource assessments contained herein.

Corporate summary

Portfolio of Australian & SE Asian conventional oil and gas projects



General

- Australian / SE Asian portfolio
- Australian HQ, Melbourne
 - 8 Australian permits, 6 operated
- Indonesian regional office, Jakarta
 - 2 Indonesian PSC's both operated
- 1 Gulf of Thailand concession
- Malaysian Country Representative

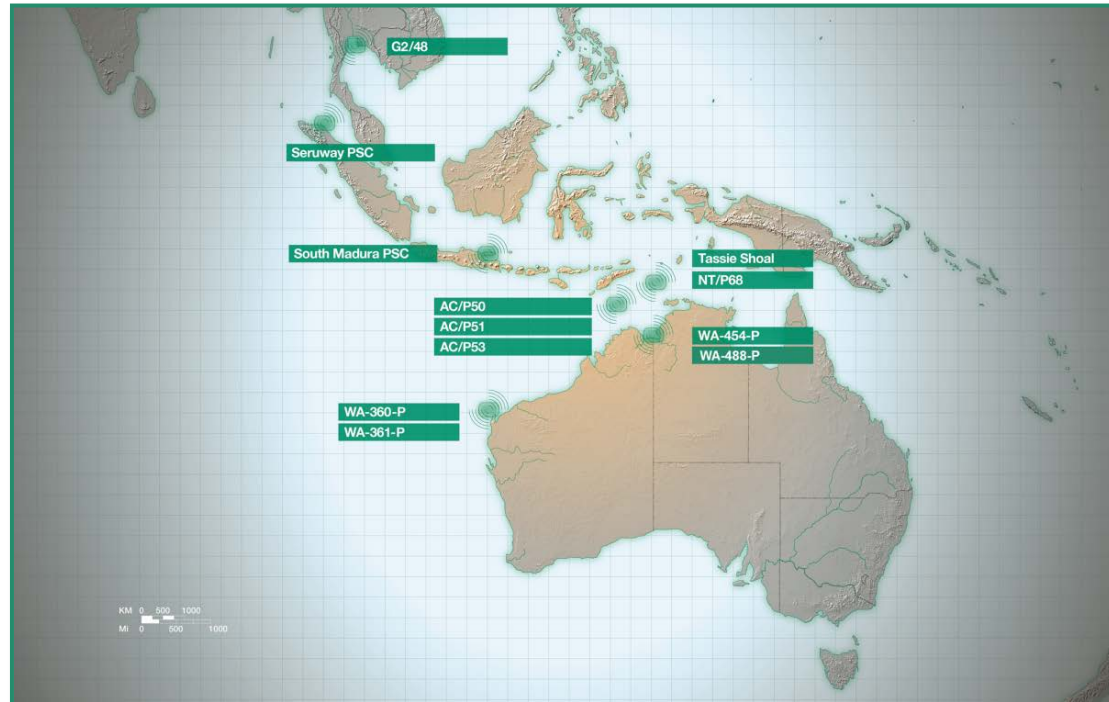
Core capabilities

- Identifying overlooked hydrocarbons
- Resolving complexities in poor data areas
- Creating high value partnerships

Major shareholders

- Noonday Capital 6.52% (part of Farallon Group)

ASX / OTCQX codes	MEO / MEOAY	
Share Price (ASX: MEO)	(11 th Sep)	A \$0.070
Issued shares	(million)	627.3
Market Capitalisation	(million)	A \$43.9
Cash & Cash Equivalents*	(30-Jun)	A \$16.6
<u>Enterprise value</u>	<u>(million)</u>	<u>A \$27.3</u>



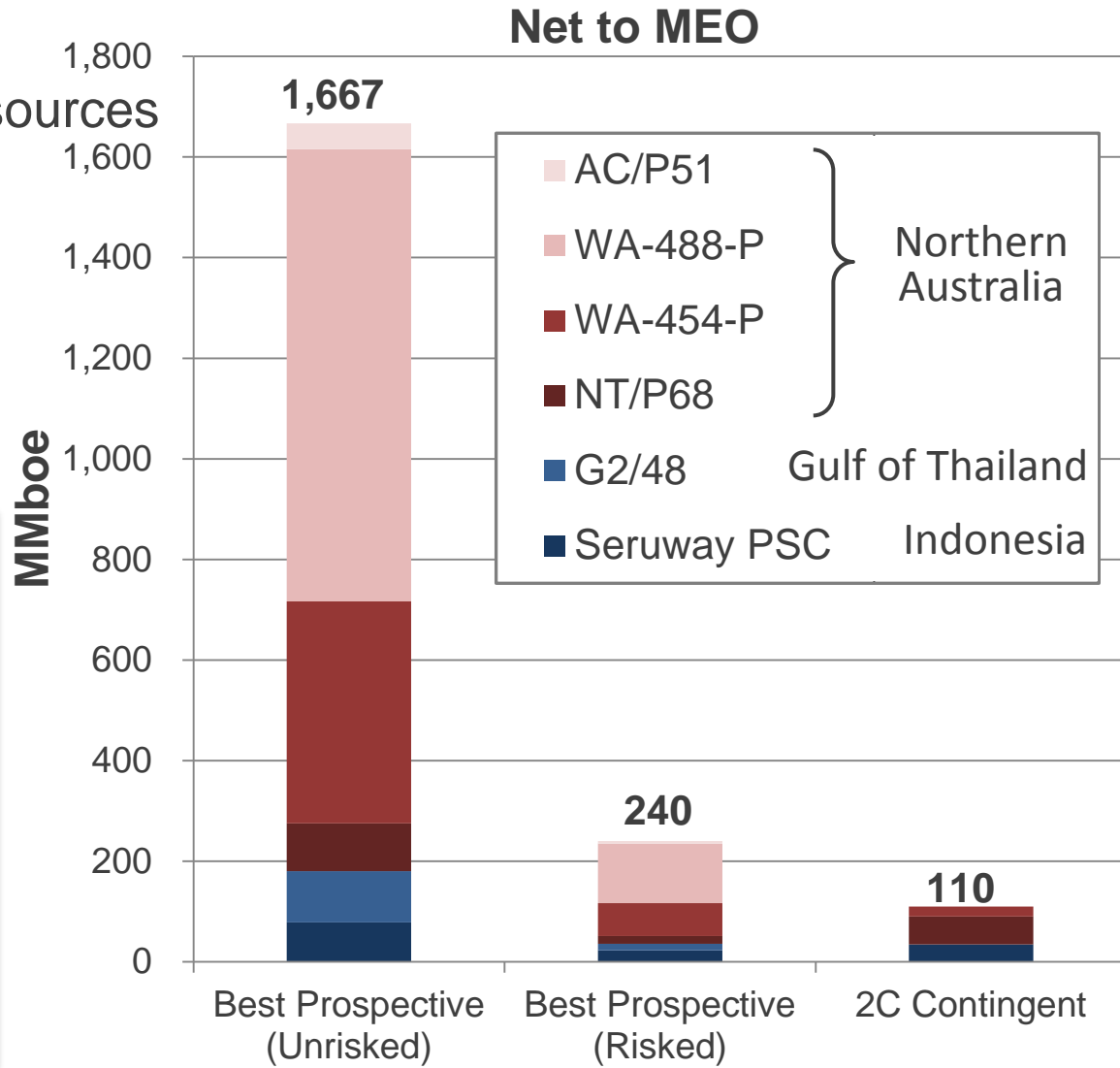
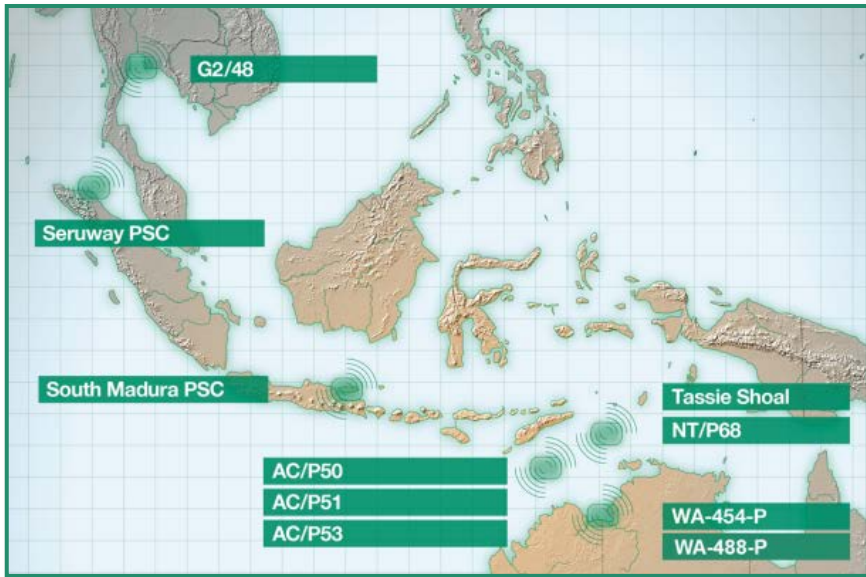
* Excludes A\$5.6m payable by Origin Energy after regulatory approval of WA-454-P equity transfer.

Contingent & Prospective Resources

Building a material resource base to underpin future development



- 110 MMboe contingent resources
- 240 MMboe risked prospective resources
- Multiple projects
- Geographic spread
- Product diversity - oil and gas



Board, executives & key technical personnel

Depth of large corporation experience and proven performance



Board of Directors

	<p>Nicholas Heath (Chairman)</p> <ul style="list-style-type: none"> Chemical Engineer, 30 year international career with ExxonMobil Past APPEA President <p>2008</p>
	<p>Jürgen Hendrich (CEO and MD)</p> <ul style="list-style-type: none"> Appointed June 2008 Geologist, 12 years at ExxonMobil 13 years in Financial Markets <p>2008</p>
	<p>Greg Short (Non-Exec Director)</p> <ul style="list-style-type: none"> Proven record of establishing production Geologist, 33 year International ExxonMobil career <p>2008</p>
	<p>Michael Sweeney (Non-Exec Director)</p> <ul style="list-style-type: none"> Practicing Barrister/Arbitrator/Mediator Ten year career as Senior Executive with MiMi (Mitsui/Mistubishi) <p>2008</p>
	<p>Stephen Hopley (Non-Exec Director)</p> <ul style="list-style-type: none"> 14 years at Macquarie Bank Business Coach and Mentor for early stage enterprises <p>2008</p>

Full Time Staff

Part Time Staff

Year Joined MEO
2008

Executive Team

	<p>Colin Naylor (Chief Financial Officer)</p> <ul style="list-style-type: none"> 35 years upstream experience with BHP Petroleum, Woodside Petroleum <p>2007</p>
	<p>Robert Gard (Commercial Manager)</p> <ul style="list-style-type: none"> 27 years industry experience Formerly ExxonMobil <p>2008</p>
	<p>Robert Zammit (Exec Mgr, Business Development)</p> <ul style="list-style-type: none"> 25 years international gas marketing experience with ExxonMobil <p>2011</p>
	<p>Andrew Leeds (Senior Comm. Adviser)</p> <ul style="list-style-type: none"> 16 yrs in Finance, Oil & Gas and Mining Formerly Macquarie, Merrill Lynch, Santos, Bechtel and Orica/XOM <p>2011</p>
	<p>Peter Stickland (Exploration Manager)</p> <ul style="list-style-type: none"> 24 years upstream industry experience Former CEO of Tap Oil <p>2011</p>
	<p>David Maughan (Exploration Strategy Adviser)</p> <ul style="list-style-type: none"> 35 year international experience with ExxonMobil <p>2008</p>
	<p>Ken Hendrick (Implementation Mgr)</p> <ul style="list-style-type: none"> >45 yrs Project Management experience in major resource projects <p>2007</p>

Senior Technical Team

	<p>Errol Johnstone (Chief Geologist)</p> <ul style="list-style-type: none"> 29 years international experience with ExxonMobil <p>2010</p>
	<p>Dean Johnstone (Senior Geoscientist)</p> <ul style="list-style-type: none"> 28 years international experience with ExxonMobil <p>2011</p>
	<p>Oliver Gross (Snr Geophysical Adviser)</p> <ul style="list-style-type: none"> 31 years international experience with ExxonMobil <p>2012</p>
	<p>Jarrod Dunne (Senior Geophysicist)</p> <ul style="list-style-type: none"> 14 years industry experience with Shell, Woodside and Nexus <p>2011</p>
	<p>Lubing Liu (Chief Reservoir Engineer)</p> <ul style="list-style-type: none"> 17 years international experience with Sinopec, CNOOC, ConocoPhillips and Woodside Petroleum <p>2011</p>
	<p>John Robert (Project Devel. Adviser)</p> <ul style="list-style-type: none"> Formerly Exxon Chem, Davy John Brown >40 years industry experience, including GTL projects <p>2003</p>

Strategy: create optionality, recover capital early

Recent and near term events



WA-488-P
AC/P51
Seruway

WA-454-P
WA-360-P
G2/48

WA-488-P

WA-454-P

NT/P68
(Blackwood)

Farm-Out

Partial Sale

Partial Sale

Cash Flow

Identify & Screen

Use:

- Knowledge
- Experience
- Skills
- Data

Secure Acreage

Via:

- Award
- Acquisition
- Farming

Enhance Prospectivity

By:

- Acquiring Seismic
- Interpreting
- Evaluating

Test Prospectivity

By:

- Drilling
- Logging
- Testing

Appraise Resource

By:

- Drilling
- Testing
- Evaluating

Develop

For:

- Cash Flow

NT/P79

Relinquish ?

Relinquish ?

Blackwood-2

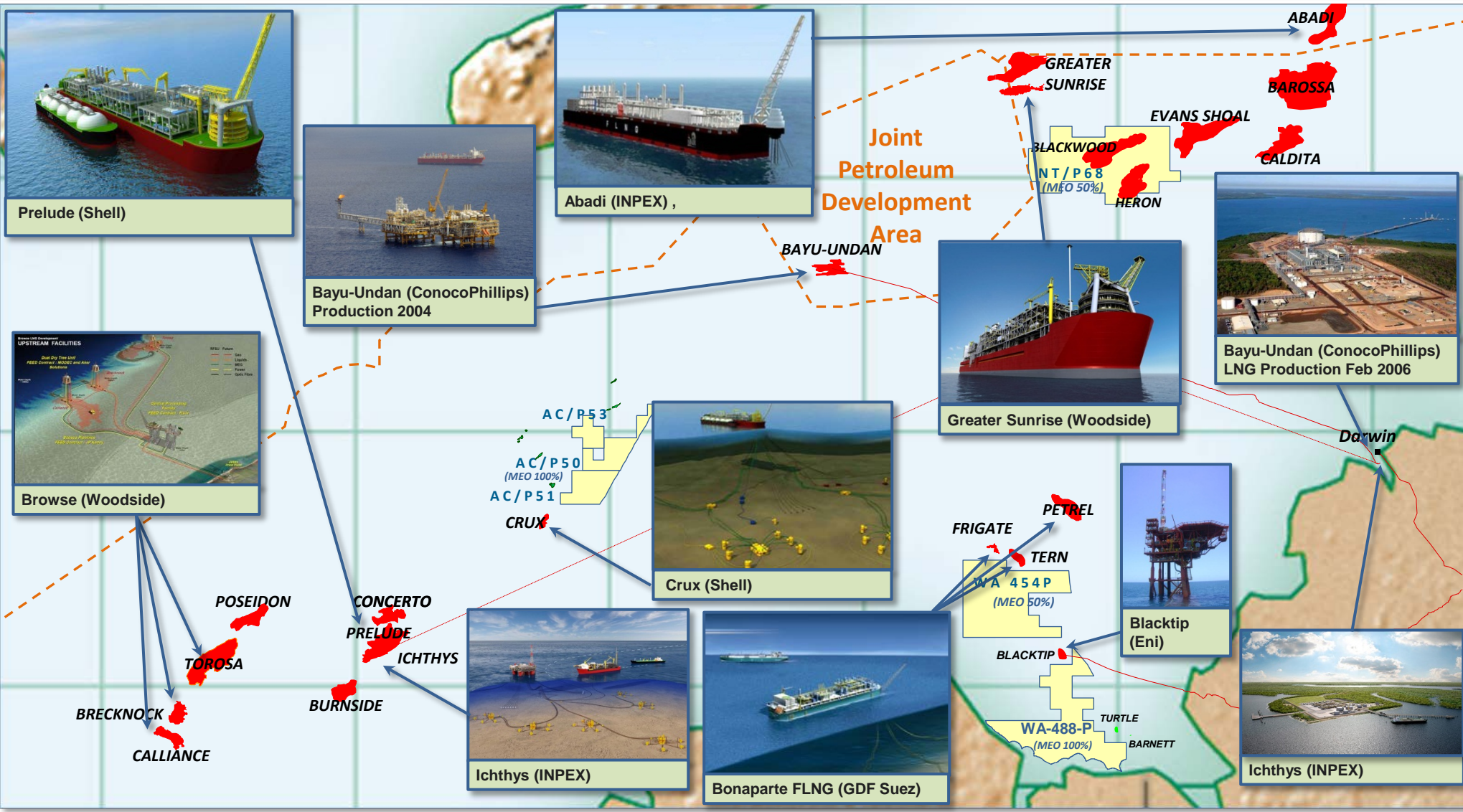
Abandon

Recent

Near Term

Northern Australia acreage footprint

4 discrete upstream projects adjacent to proven hydrocarbons



NT/P68: Blackwood & Heron gas discoveries

MEO's 50% interest in Blackwood-2 is fully carried, including testing

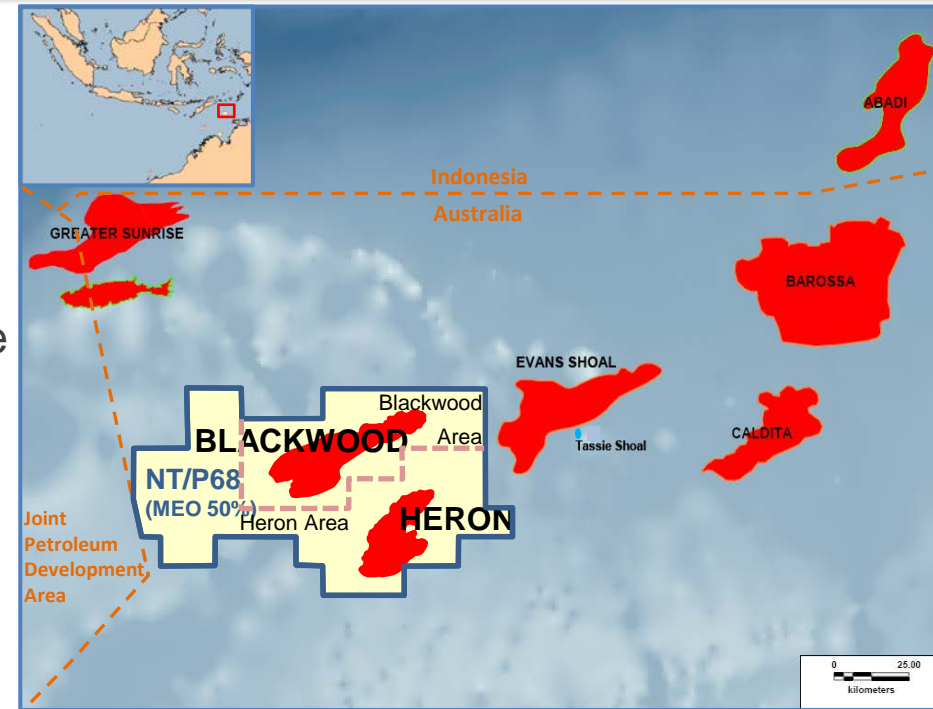


Blackwood gas discovery

- Blackwood-1 (2008) encountered 42m gas column
- Blackwood-2 appraisal in **Q4'2013**
 - ~US\$45m well cost **fully funded by Eni**
 - **Implied value US\$22.5m** for MEO 50% share

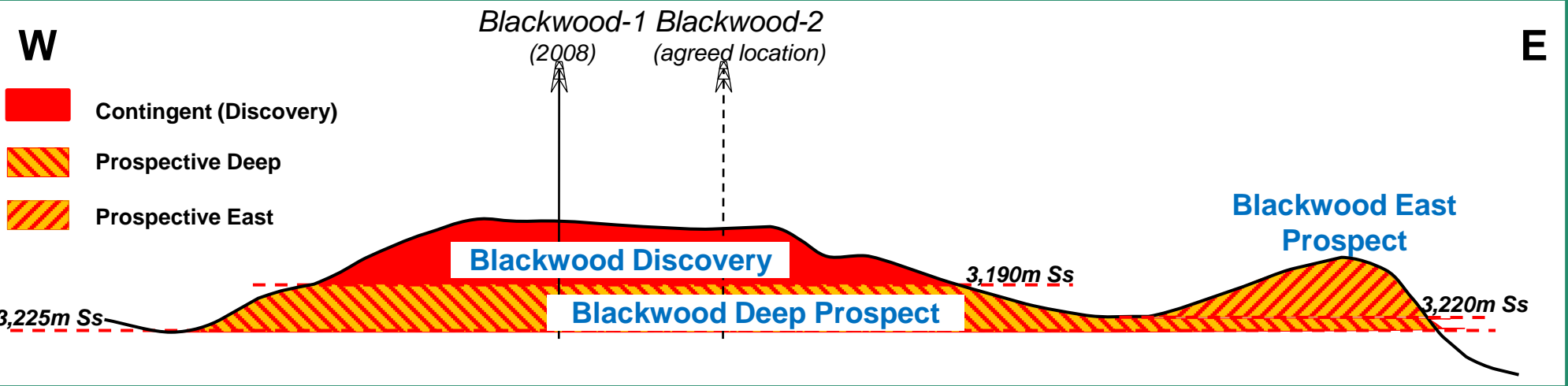
Heron gas discovery

- Heron-2 (MEO 2007/08) discovered & tested gas
- Heron South-1 (Eni 2012)
 - Intersected two tight reservoir intervals
 - Produced gas at low flow rates from both zones
- Eni **drill/drop election by 18 Dec 2013**
 - Eni funding studies to investigate productivity



NT/P68: Blackwood Gas Discovery

Appraising ~500 Bscf 2C contingent resource Q4-2013



Contingent Resources (100%)*

Blackwood	1C	2C	3C
Raw Gas (Bscf)**	564	819	1,141
Hydrocarbon Gas (Bscf)	373	542	756
Condensate (MMstb)	1	2	3

Prospective Resources

Blackwood Deep	Low	Best	High
Raw Gas (Bscf)**	932	1,355	1,887
Hydrocarbon Gas (Bscf)	616	897	1,250
Condensate (MMstb)	2	3	5

- Blackwood-2 appraisal well (4Q'2013)
 - ~US\$45m well fully funded by Eni
 - Implied value for MEO 50% interest (**US\$22.5m**)
- Contingent resource to MDT inferred GWC
 - 0.5 Tcf (2C)
- Prospective resource
 - 0.9 Tcf (Best estimate)
 - Requires 35m deeper GWC (to be tested by BW-2)
 - MEO assesses low chance of success

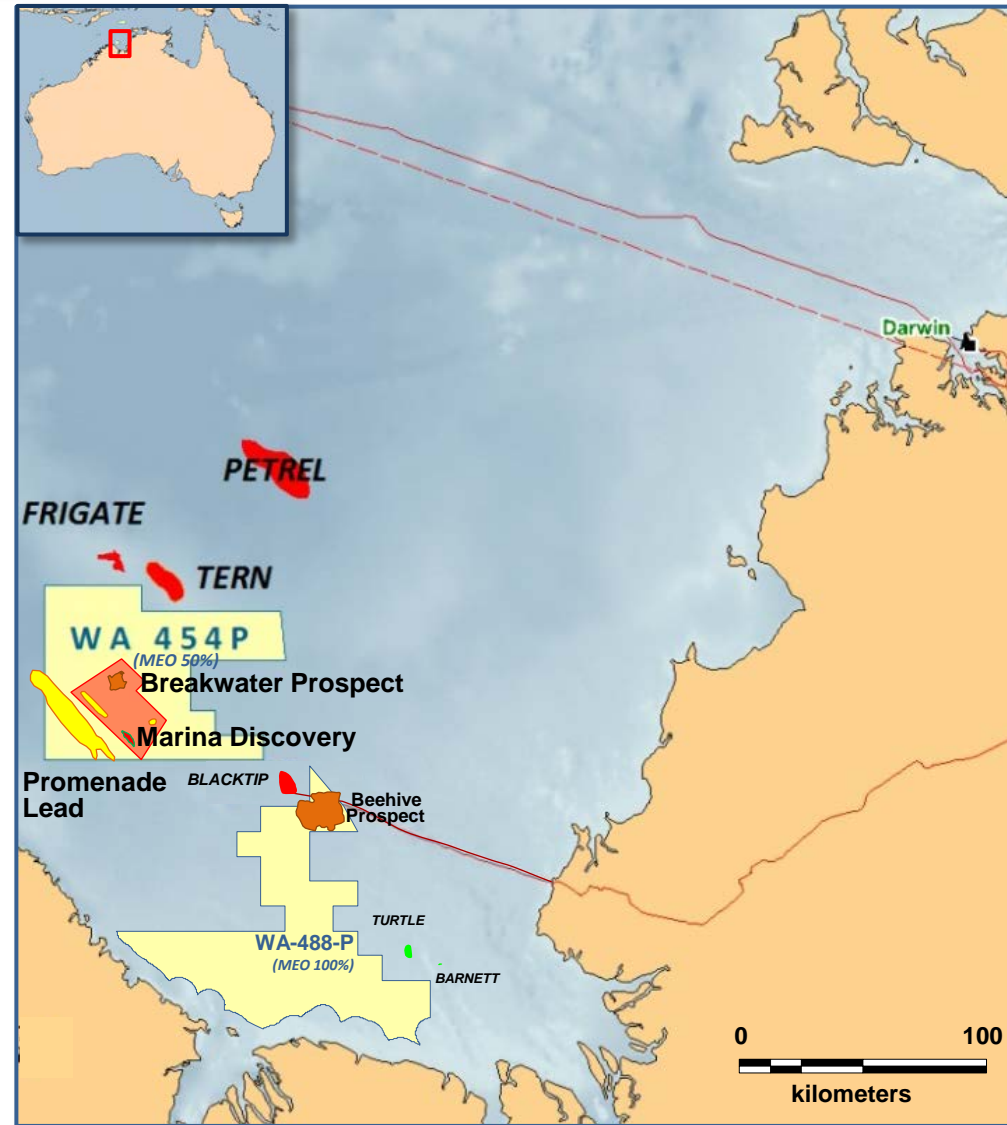
* 2013 MEO Assessment ** Raw gas including CO₂

WA-454-P: Discovery + prospects + leads

Gas discovery and exploration targets in shallow water, close to NT gas market



- 2011: Awarded 100% in gazettal round
- 2012: Identified leads, acquired 3D seismic
- 2013: Farmed out 50% to Origin for
 - \$5.6m cash reimbursement PLUS
 - 80% of Breakwater-1 (A\$35m cap)
- Anticipate drilling in 2015/16
- **Discovery** - 2007 Marina gas and probable oil with untested deeper potential
- **Prospects** – Breakwater West & Breakwater East prospective for gas & oil
- **Leads** - Promenade, a substantial stratigraphic trap prospective for gas



WA-454-P: Farm-out to Origin Energy

A\$16.1 million transaction based implied value for MEO 50% interest



- Origin Energy acquiring 50% interest & operatorship
- Consideration
 - Reimbursing **A\$5.6m** (80% of historical costs)
 - Funding 80% of Breakwater-1 (A\$35m^① cap)
 - Contributing up to **A\$10.5m** of MEO's share of costs
- Costs above A\$35m cap including testing to be funded in proportion to participating interests
- Breakwater-1 to satisfy Permit Year 5 work obligation
 - Permit Year 5: 9 June 2015 – 8 June 2016

① Notes on adjustment to A\$35m well cost cap

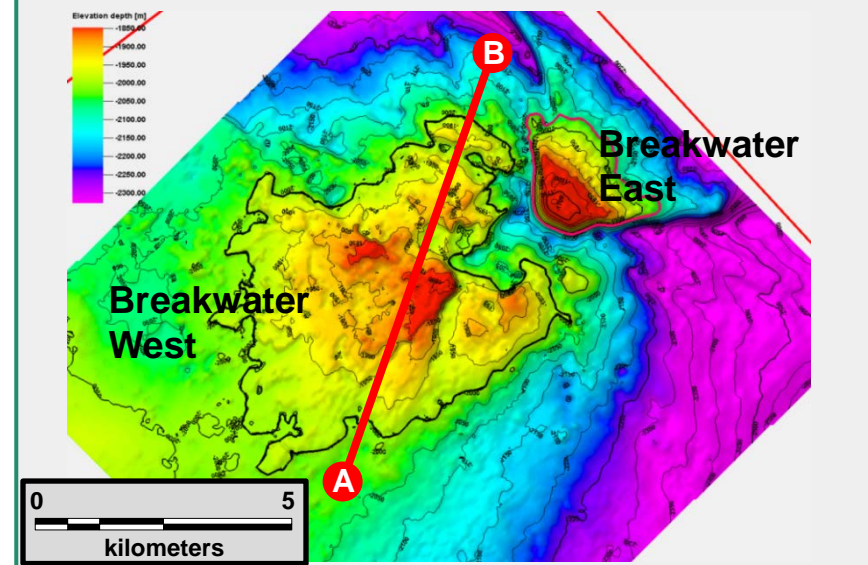
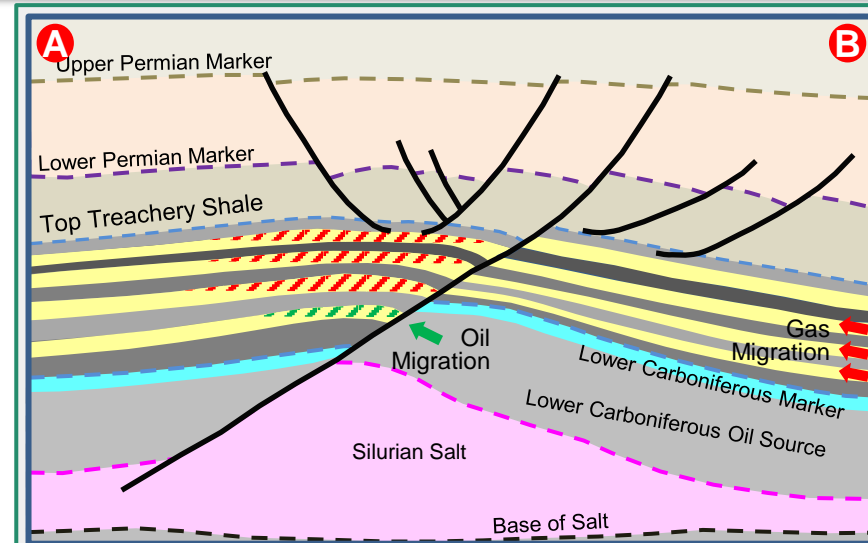
- Cap assumes A\$/US\$ Forex of 1.00
- Cap assumes 65% of costs incurred in US\$
- Adjusted cap at Fx of 0.92 would be A\$37.0 million

WA-454-P: Breakwater East and West Prospects

Large, 4-way dip closure, potential for gas and oil, same reservoirs as Marina



- Large prospect with potential for gas and oil
- East and West compartments
- Defined on high quality 3D seismic data
- Multiple objectives from 1,800m to 3,200m
- 89m water depth suitable for jack-up drilling rig
- Targeting same objectives that are productive in nearby Blacktip gas field
- Anticipate drilling in 2015/16



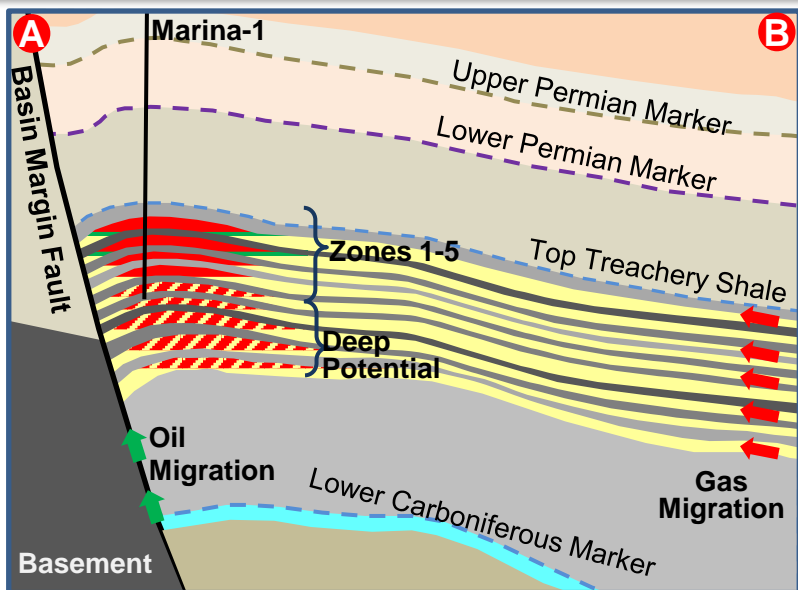
Prospective Resources (100%)*

Breakwater West	Low	Best	Mean	High
Gas (Bscf)	196	708	765	1,394
Condensate (MMstb)	1	6	11	25
Oil (MMstb)	4	16	18	33
Total Liquids (MMstb)	5	22	28	59

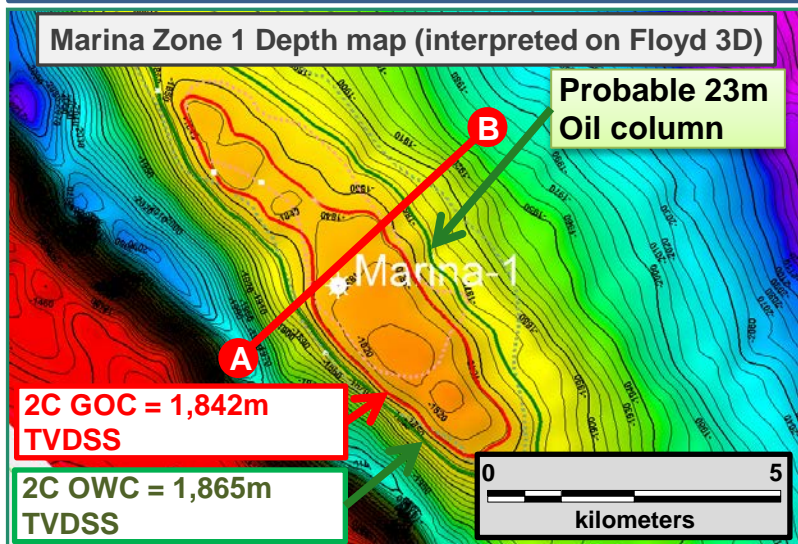
Breakwater East	P90	P50	Mean	P10
Gas (Bscf)	54	117	129	220
Condensate (MMstb)	0	1	2	4
Oil (MMstb)	1	3	3	6
Total Liquids (MMstb)	1	4	5	10

WA-454-P: Marina gas and probable oil discovery

Modest gas, overlooked oil and deeper prospects yet to be tested



- Marina-1 drilled in 2007 by ExxonMobil.
 - Hydrocarbons in 5 zones, gas shows at TD.
- MEO identified overlooked oil & deeper potential
- Proximity to Blacktip gas development provides potential commercialisation option
- Marina contingent resources increased post assessment of new 3D seismic
- Attractive appraisal opportunity

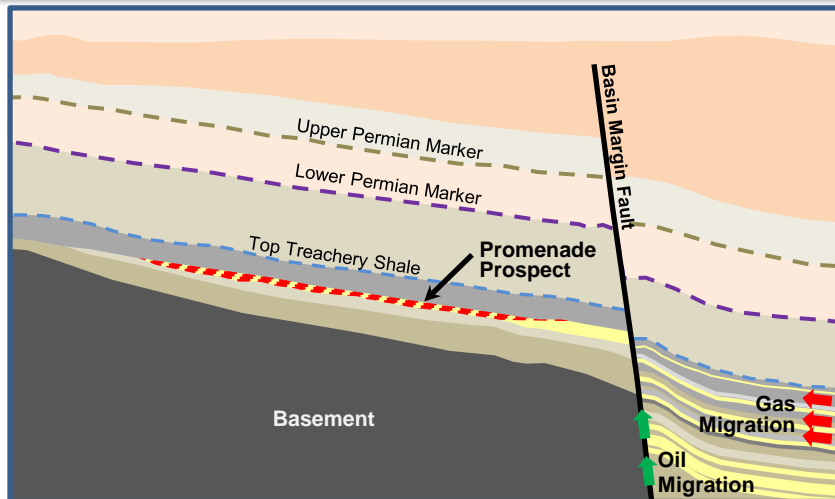


Marina Contingent Resources (100%)*		1C	2C	3C
Gas	BScf	115	164	423
<u>Liquids</u>				
Condensate	MMstb	2	4	13
Oil	MMstb	-	9	35
Total Liquids	MMstb	2	13	48

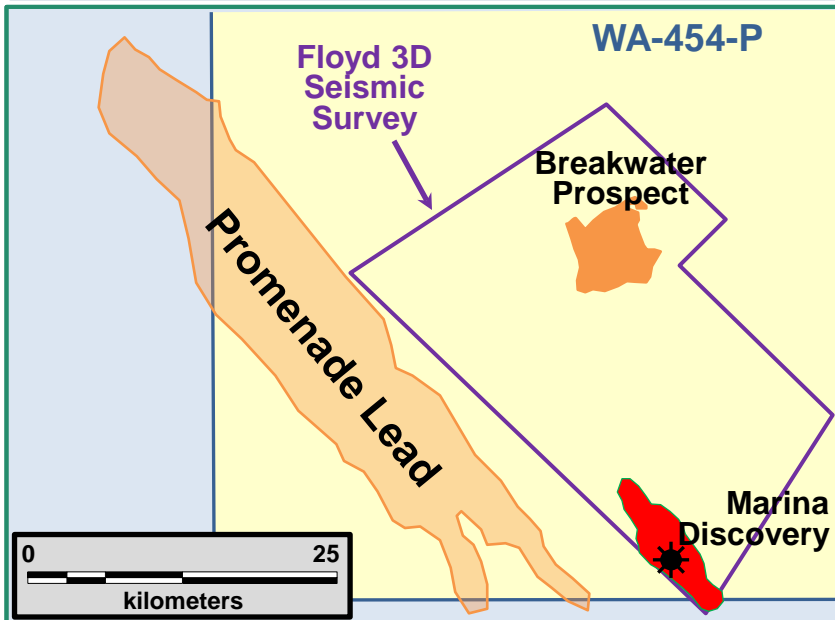
Marina Deep Prospective Resources*		Low	Best	High
Success Case with dependency	Gas (BScf)	36	203	487
	Condensate (MMstb)	1	6	16

WA-454-P Promenade Lead

Multi-Tcf gas potential supported by Direct Hydrocarbon Indicator (DHI)



- Basin margin stratigraphic trap
- Amplitude supported on good quality 2D
- Top Kurriyippi sand sub-cropping below massive Treachery Shale seen in Berkley-1
- Hydrocarbon migration proven to Marina-1 (<10km away)
- 57m water depth, 1,500-1,800m drilling objective



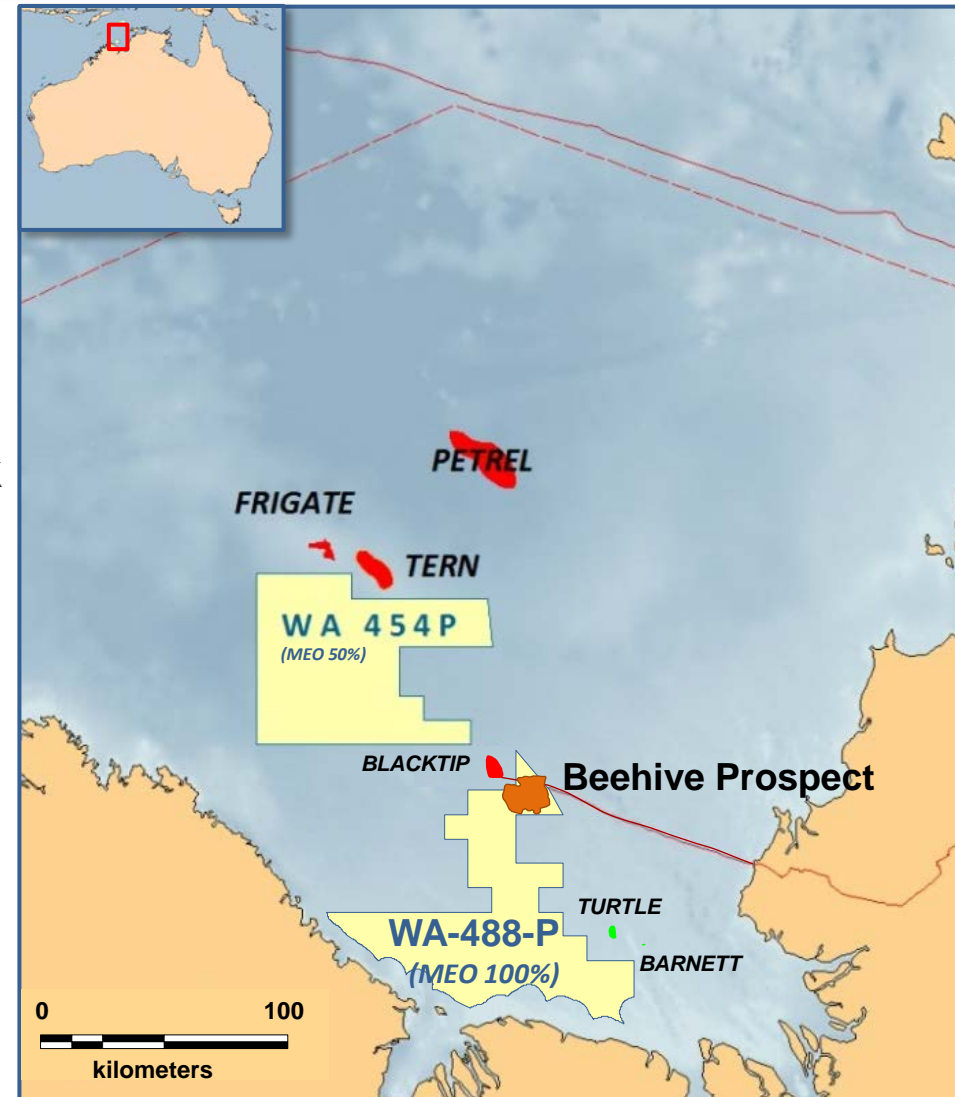
Un-Risked Prospective Resources (Recoverable 100%)*

Promenade Lead	Low	Best	Mean	High
Gas (Bscf)	2,487	3,852	4,027	5741
Condensate (MMstb)	11	37	57	123

WA-488-P: Featuring giant Beehive prospect

Follow up identified to 2011 Ungani-1 discovery

- MEO recognised 2011 Ungani-1 oil discovery in Canning basin as potential game changer for Palaeozoic Carbonates in Australia
- Identified giant Beehive prospect
 - New play type with global analogues
 - Lobbied Government to gazette vacant block
- Awarded 100% May 2013 in gazettal round
 - 4,074 km² permit area
 - Seeking to farmout or partially divest
 - Drilling scheduled in 2015/16

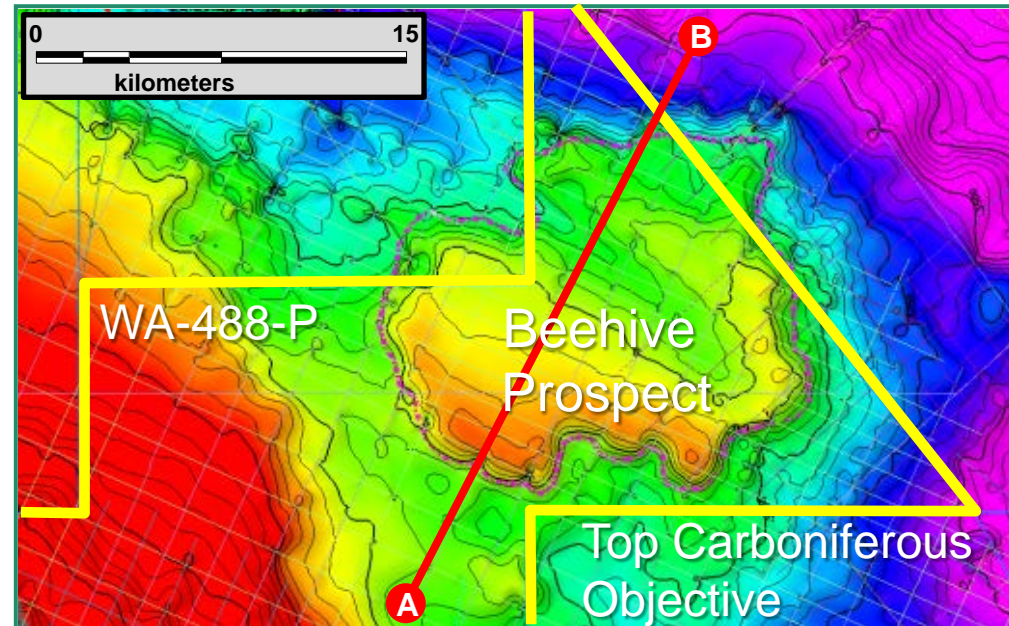
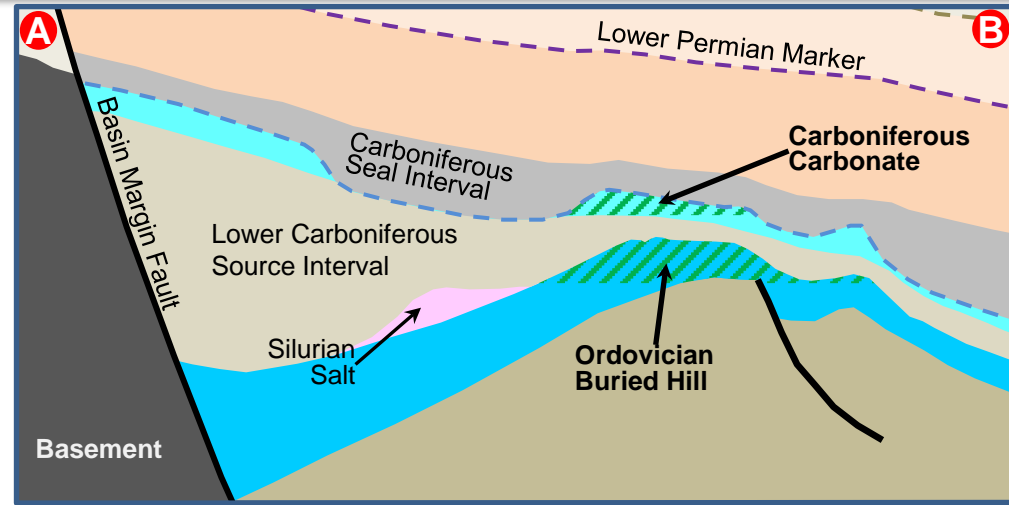


WA-488-P: Beehive Prospect – twin objectives

Two stacked objectives each with significant potential



- Located in shallow water (40m)
- Identified on high quality, tightly spaced 2D seismic grid
- Primary Objective ~140 km² Carboniferous Isolated Carbonate Platform
 - Oil prone follow up to Ungani discovery
 - Analogous to giant Tengiz field of North Caspian basin
 - 4,100m drill depth to top of structure
- Secondary Objective ~600 km² Ordovician buried hill
 - Oil prone
 - Analogous to giant Tahe field onshore China
- Drilling scheduled in 2015/16

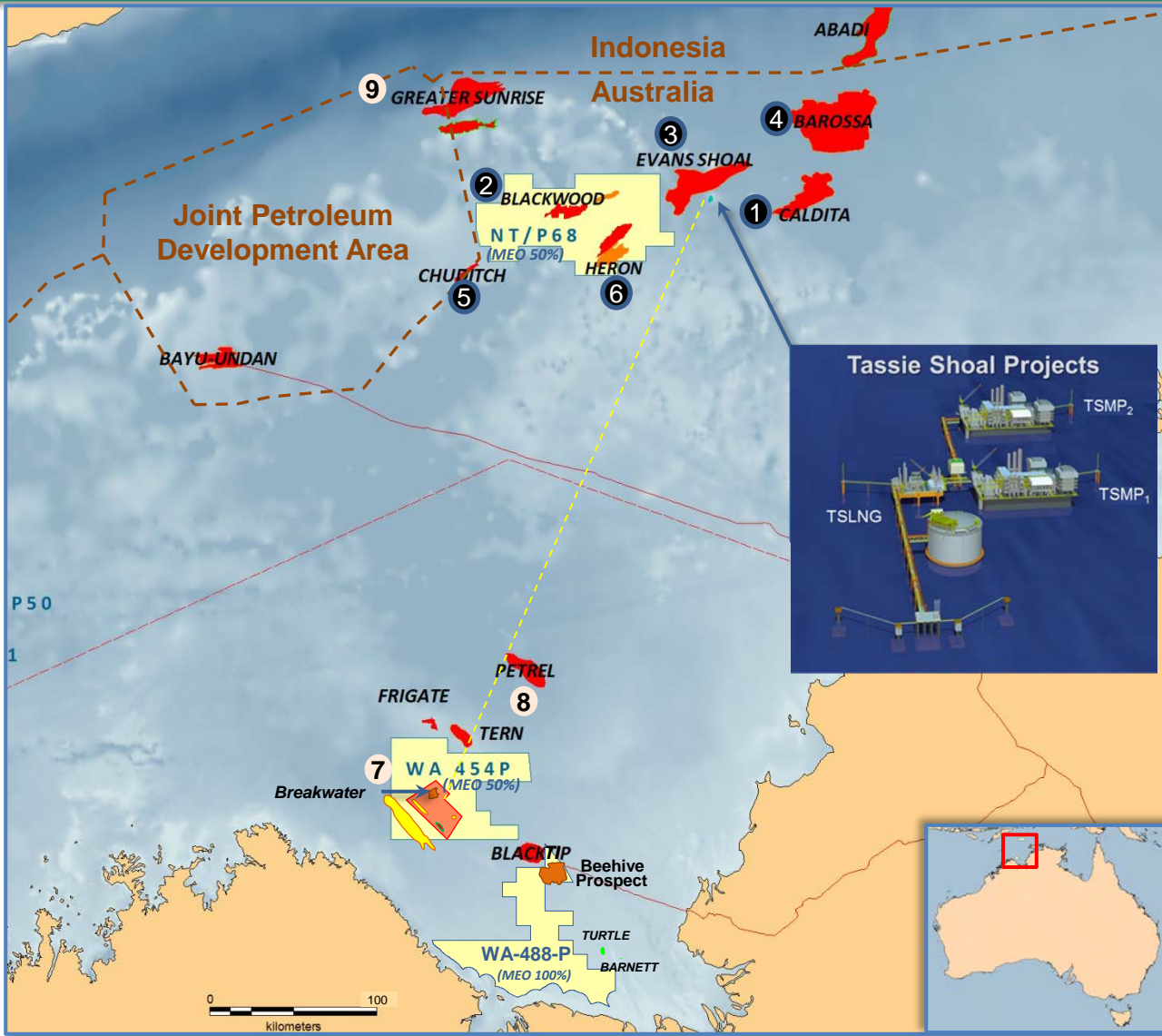


Prospective Resources (100%, unrisked)*

Beehive Prospect	Low	Best	Mean	High
Carboniferous (MMstb)	104	598	925	2,182
Ordovician (MMstb)	67	328	546	1,314

Tassie Shoal gas processing infrastructure

A path to market for regional stranded gas



9 potential gas sources:

Methanol (high CO₂)

- 1 Caldita NT/P61
- 2 Blackwood NT/P68
- 3 Heron NT/P68
- 4 Evans Shoal NT/P48
- 5 Barossa NT/P69
- 6 Chuditch JPDA 06-101

LNG (low CO₂)

- 7 Breakwater WA-454P
- 8 Petrel/Tern
- 9 Greater Sunrise

Tassie Shoal gas processing infrastructure

Commercial framework progressed to support commercialisation



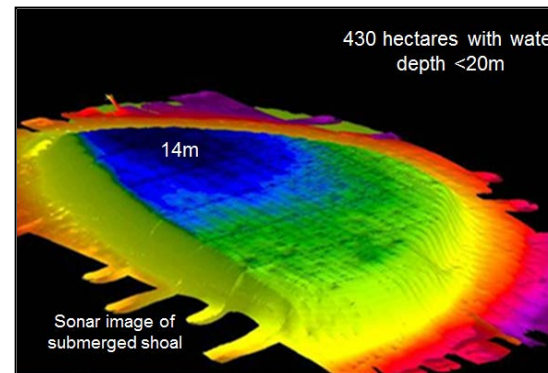
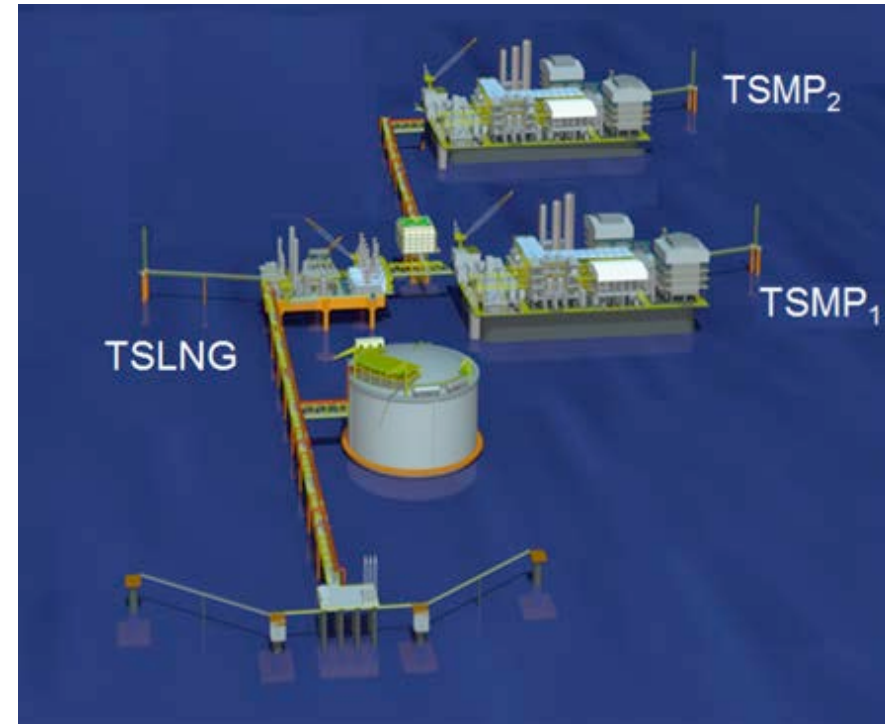
- Federal & State Government Environmental approvals in place and Major Project Facilitation status

Methanol

- 2 x 1.75MTA plants, built in two stages (TSMP₁ & TSMP₂)
- Letters of Intent for offtake of methanol with three major multinational buyers
- Non-exclusive relationship with major Asian chemical industry participant to build, partially own and operate TSMP₁ & TSMP₂
- Joint indicative offers were made to purchase raw gas (including CO₂) from regional gas resource owners for two plants
- Near term appraisal of regional resources provides enhanced commercialisation opportunities

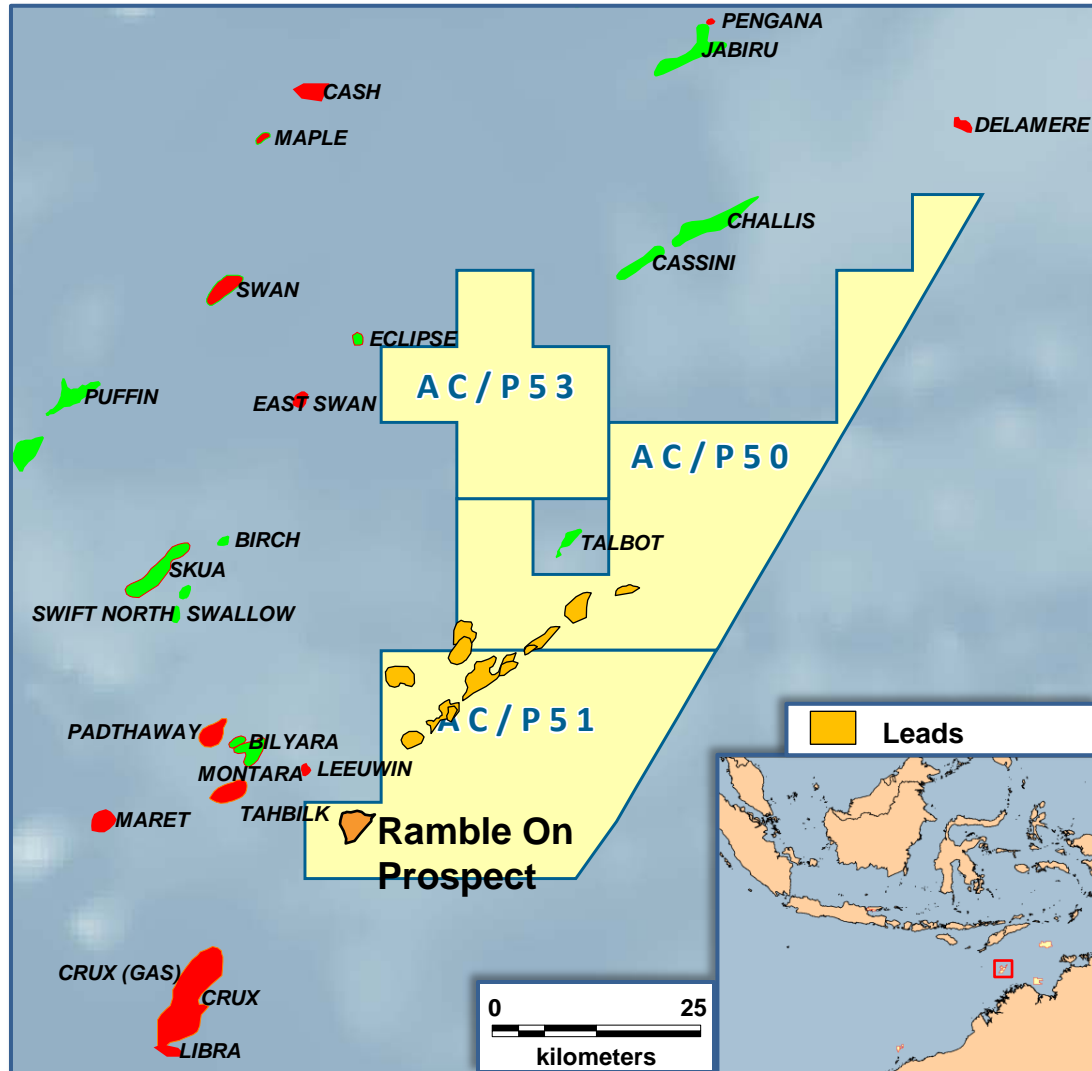
LNG

- LNG: 3MTA LNG plant (TSLNG)
- TSLNG has significant cost advantage of over land based and FLNG alternative developments
- Submissions made to Government authorities to consider TSLNG as low cost development option for Sunrise



Ashmore Cartier: Oil and liquids rich gas area

Multiple prospects and leads identified on new seismic



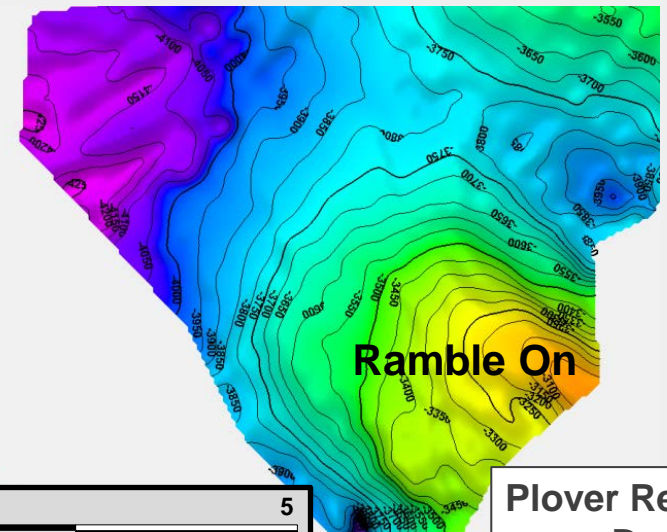
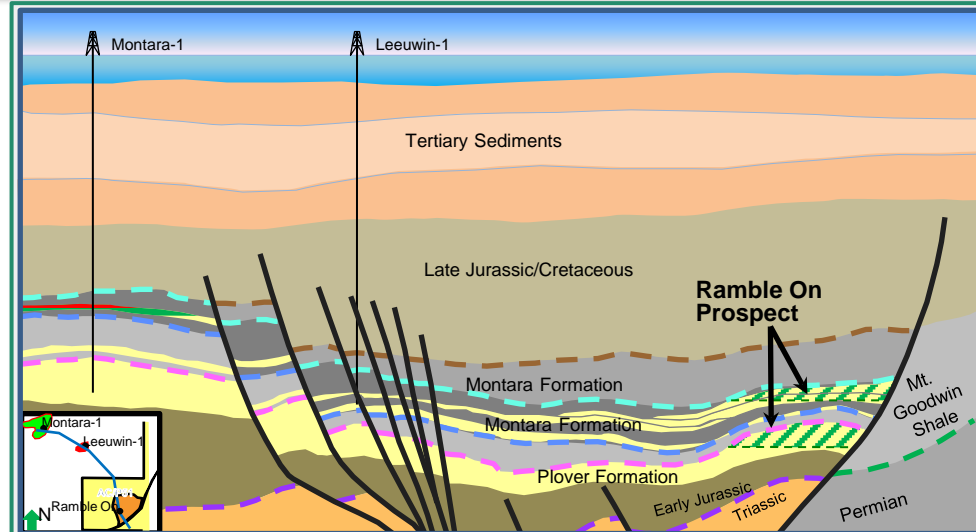
- Located within the Vulcan sub-basin
 - proven commercial gas and oil province
- 2010: MEO acquired 100% for \$270k
- 2011/12: Developed geologic concepts & acquired 3D seismic
- Improved data quality allowed MEO to identify new prospective trend
 - proven reservoir/source
 - new trap mechanism for basin
- Ramble On prospect has oil potential from 8 (low) to 130 MMstb (high)
- Significant follow up potential
- Seeking to farmout or partial divestment
- Potential drilling in 2014/15

AC/P51: Ramble On prospect

Oil prospect with significant follow up potential



- Large, robust structure
- Targeting proven Plover & Montara reservoirs
- Accessing proven source area
- First test of a low-side fault prospect (a play type that works in Carnarvon & Gippsland basins)
- Water depth ~68m
- Target depth ~3,000m
- Leading candidate for potential 2014/15 well



**Plover Reservoir
Depth Map**

Prospective Resources (100%, unrisked)*

Ramble On Prospect*		Low	Best	Mean	High
Gas Scenario	(Bscf)	29	162	461	1,136
Condensate	(MMstb)	1	6	16	39
Oil Scenario	(MMstb)	8	39	56	130

South East Asian Projects

Targeting proven basins or analogues to proven basins



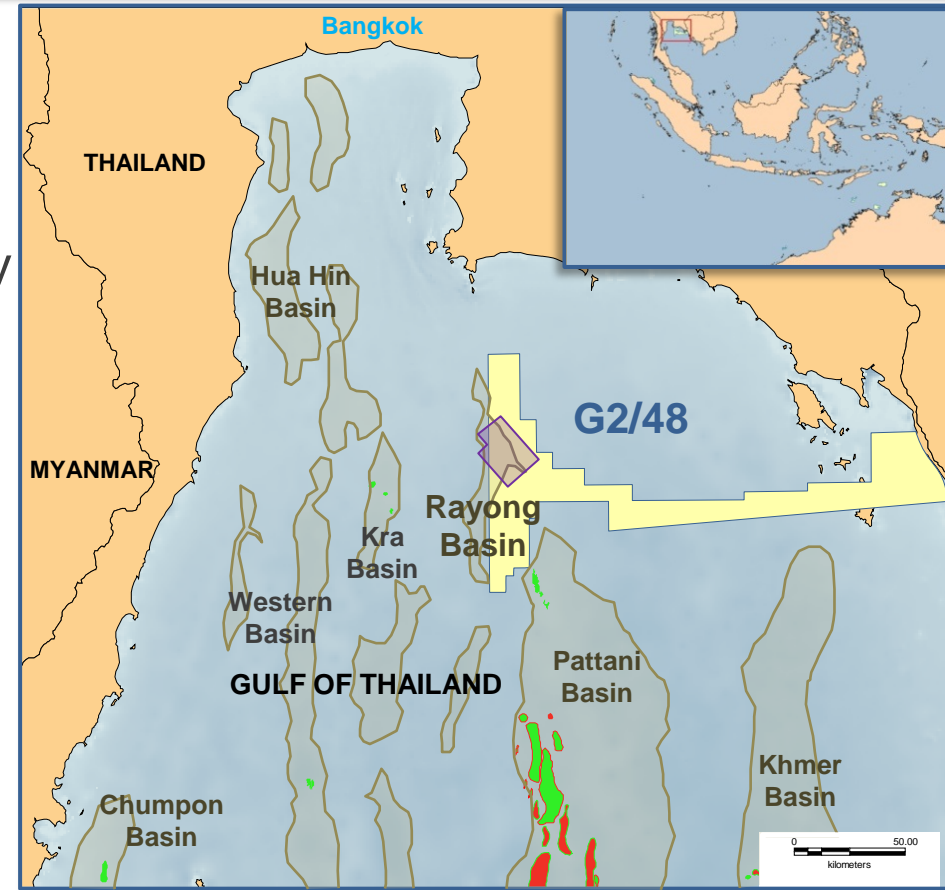
- MEO regional office in Jakarta
 - Operator of 2 Indonesian PSC's
 - Non-operator of Gulf of Thailand concession
- MEO acreage in
 - shallow water & onshore basins
 - close to infrastructure & markets

Gulf of Thailand: G2/48 (MEO 50%)

Targeting oil in a low cost environment



- Located in Northern Gulf of Thailand
- Shallow water, low cost exploration / development environment
- Covers Rayong Basin, one of many Tertiary basins, most of which have proven oil potential
- Mapping post 2012 drilling has identified a number of quality Tertiary and pre-Tertiary leads
- Seeking to farmout or partially divest jointly with Operator (Mubadala Petroleum)
- Sizeable resource potential
 - 15 – 50 MMbbl range Tertiary leads
 - Multiple >100 MMbbl pre-Tertiary leads

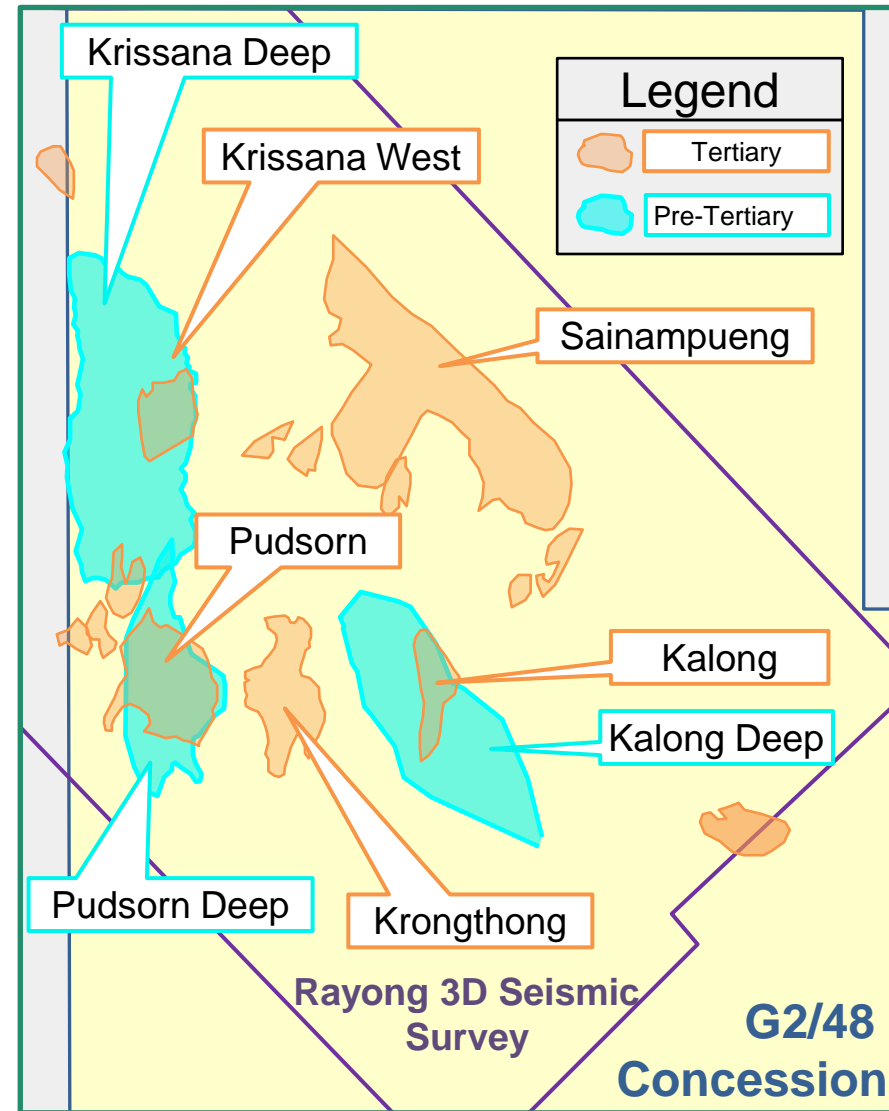


G2/48: Multiple leads prospective for oil

2012 drilling upgraded thickness of prospective section



- Sainampeung-1 (2012) did not reach target depth but indicates a thicker and more extensive prospective section than previously thought
- Oligo-Miocene fairway with 4 leads defined on 3D seismic with cumulative, unrisksd potential of 100+ MMstb and additional follow up
- Very large pre-Tertiary Permian Carbonate lead with 100+ MMstb potential



G2/48 Tertiary Fairway Prospective Resources *	
Prospect	Best Estimate (MMstb)
Krissana West	15
Krongthong	33
Kalong	10
Pudsorn	46
Other Leads	Under Evaluation
Unrisksd total	104 MMstb
G2/48 Pre-Tertiary Fairway Prospective Resources *	
Krissana Deep	>100 MMstb
Pudson Deep	Under Evaluation
Kalong Deep	Under Evaluation

Seruway PSC: Proven hydrocarbons

200+ MMstb Juaro oil prospect



- Numerous oil and gas recoveries on PSC
- Seeking to farmout or partially divest

Juaro

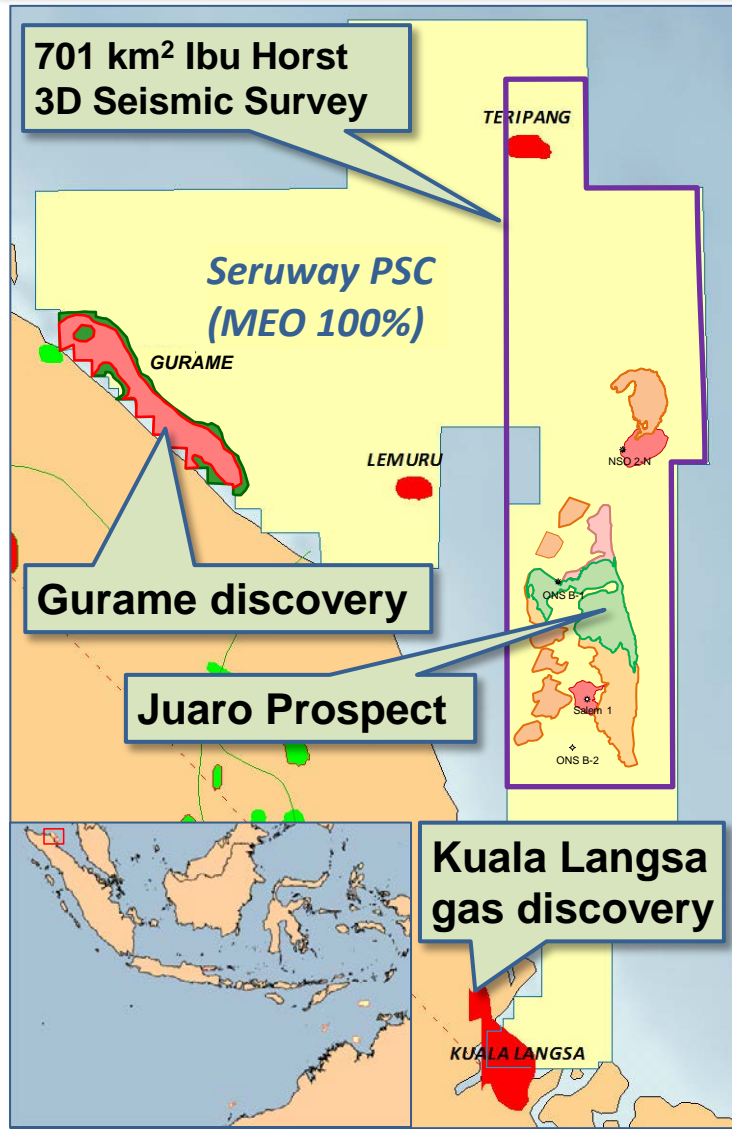
- Identified on Ibu Horst 3D seismic
- Follow-up to 1969 ONS B-1 oil and gas discovery
- Amplitude support for high quality, widespread reservoir and likely hydrocarbon fill
- Potential drilling in 2014

Kuala Langsa

- Shallow water gas discovery with high level of CO₂

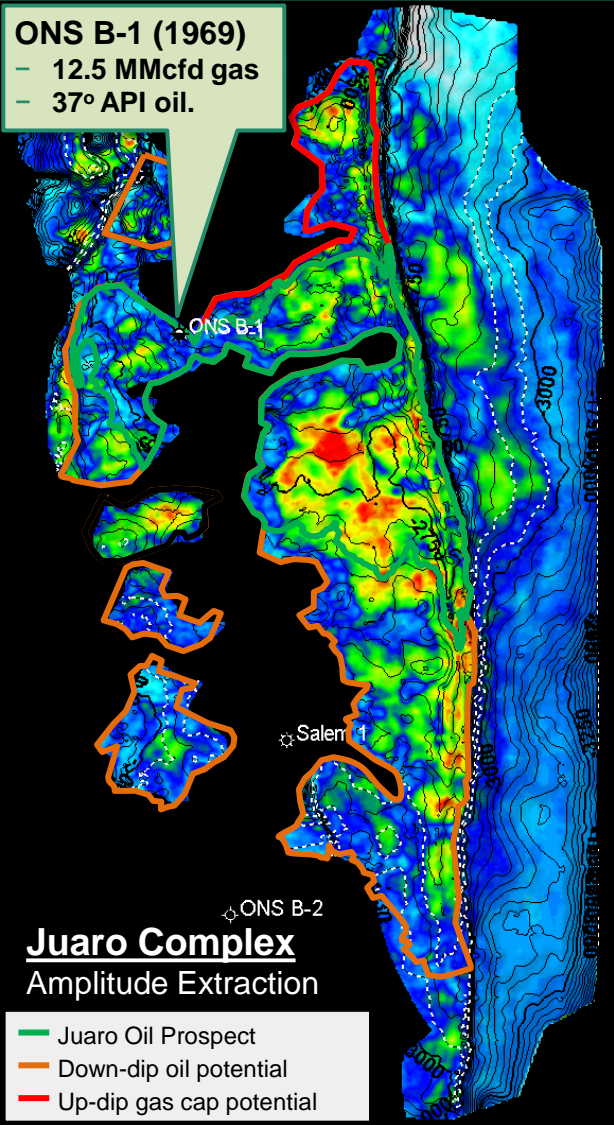
Gurame

- Near shore oil and gas discovery in shallow water



Seruway PSC: 200+ MMstb oil prospect

1969 discovery flowed gas and recovered oil – 3D seismic shows flank trap



- Follow-up to 1969 ONS-B1 oil and gas discovery
- Defined on 3D seismic with amplitude support for presence of high quality widespread reservoir facies and likely hydrocarbon fill
- Fluid phase uncertainty at ONS B-1 precludes classification as Contingent Resource
- Mid Miocene shallow water carbonate grainstones on flank of land detached isolated platform, sealed by lower Baong Shale
- Potential drilling in 2014 (55m water depth)

Juaro Prospective Resources *		Low	Best	Mean	High	
Oil Dominant Scenario	Gas Bscf	11	51	51	93	
	Liquids MMstb	39	202	204	370	
Gas Dominant Scenario	Gas Bscf	146	723	730	1,323	
	Liquids MMstb	6	32	33	62	
Aggregate Recoverable Hydrocarbons		Total MMboe	36	181	183	334
Aggregate Net Entitlement Interest		Total MMboe	23	79	80	131

Indicative activity outlook

4Q-2013 drilling & substantial farmout activity



Activity	MEO Equity	Remarks	2H 2013		2014				2015				2H 2016		
			Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
			J A S	O N D	J F M	A M J	J A S	O N D	J F M	A M J	J A S	O N D	J F M	A M J	
Own Drilling		Target													
Blackwood-2	50%	897 Bscf ("Best" estimate) ^①		■	■	■									
Breakwater-1	50%	708 Bscf ("Best" estimate) ^①									■	■	■	■	■
Beehive-1	100%*	598 MMstb ("Best" estimate) ^①									■	■	■	■	■
Drilling by others	Operator	Impacts													
Evans Shoal North-1	Eni	Bonaparte: NT/P48	■	■											
Barossa Drilling (3 wells)	CoP	Bonaparte: NT/P69				■	■	■							
Planned Transactions															
WA-488-P (Beehive)	100%*	Underway	■	■	■	■									
Seruway farmout	100%*	Underway	■	■											
AC/P51 farmout	100%*	Underway	■	■	■										
Thailand G2/48 farmout	50%*	Underway	■	■											
Tassie Shoal	100%*	Underway													
Potential Transactions															
NWS farmout	50-62.5%*	Pending 3D results													
WA-454-P farmout	50%*	Partial sale of residual equity													
Own Drilling - contingent															
Seruway PSC	100%*	TBC pending farmout													
AC/P51	100%*	TBC pending farmout													
Thailand G2/48	50%*	TBC pending farmout													
Eni Farmin Decisions															
Heron follow-up well	50%	Eni Option Expiry		■											

* Pre-farmout or partial sale ^① Per PRMS Guidelines for most likely case

Summary

Creating value by finding overlooked hydrocarbons



- Cash reserves @ 30 June 2013: \$16.6m, Market Cap ~\$45m
- 110 MMboe 2C contingent resources
- 1,667 MMboe (best estimate) un-risked Prospective Resources
- Enterprise value (~\$30m) easily covered by the value of Blackwood-2 carry by Eni (~US\$22.5m) and the WA-454-P farm out with Origin Energy (A\$16.1m)
- Blackwood-2 appraisal drilling 4Q'2013 with zero cost to MEO
- 2 year investment in permits and seismic now yielding commercial results
 - 1st Half 2013:
 - NT/P68 Blackwood-2 commitment by Eni,
 - 2nd Half 2013:
 - WA-454-P farmout to Origin
 - Multiple farm-out/partial sale processes underway
- Continuing to high grade portfolio
 - Exited NT/P79
 - Awarded WA-488-P containing giant Beehive oil prospect with twin objectives
 - Active New Ventures process to screen for attractive opportunities