

energy for the future

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### ASX Small-Mid Caps Conference, London 19<sup>th</sup> March 2009 Jürgen Hendrich, Managing Director & Chief Executive Officer



#### **Investment parameters**

Solid foundations to leverage potential value in portfolio

Criteria	Evidence	Remarks
Experienced board	Newly appointed in 2008	Strong industry connections
Management depth	Enhanced in 2008	High calibre
Viable Niche		
<b>Monetising stranded gas</b> CO <sub>2</sub> & distance challenged	Tassie Shoal GTL projects incl Environmental Approvals	Currently securing gas supplies via own NT/P68 discoveries & 3rd party
Focused exploration New concepts in established areas via proven analogues	Secured 3 North West Shelf permits late 2007. Acquired & interpreted 3D seismic	Drilled WA-361-P (unsuccessful) Working up Artemis prospect in WA- 360-P for 2Q'09 farm-out
Material gas projects	Robust economics	Clear commercialisation path
Balance sheet capacity	Cash reserves	Drilling funding via industry partners
Activity	Establishing technical & commercial foundation	Planning >3 wells in 2010 subject to farm-out process commencing 2Q'09
Value proposition	Demonstrable leverage	Value accretion as milestones met



# Board of directors rejuvenated in 2008 Extensive industry and capital market experience

Appointed May 2008	<b>Nick Heath</b> Non-Executive Chairman <i>Engineer</i>		>30 yrs career with ExxonMobil Past APPEA president
Jürgen Hendrich MD & CEO Geologist, Investment Banking -JBW & Tolhurst	Stephen Hopley Non-executive director <i>Financial Services</i>	Greg Short Non-executive director <i>Geologist</i>	Michael Sweeney Non-executive director <i>Barrister</i>
MEQAustra		MEOAustra	
Appointed MD July 2008 12 yr career with Esso Australia Ltd (ExxonMobil subsidiary)	Appointed October 2008 14 yr career with Macquarie Bank until retired in 2003	Appointed July2008 33 yr career with ExxonMobil until retirement in 2006	Appointed October 2008 10 yr career as senior executive with Mitsui/Mitsubishi



### Management depth enhanced in 2008 Focused on technical and commercial excellence

Appointed June 2008	<b>Jürgen</b> Chief Exec Geo Investment Bankin	Appointed CEO June 2008 12 yr career with Esso Australia Ltd (ExxonMobil subsidiary)	
Colin Naylor	<b>Robert Gard</b>	<b>Dave Maughan</b>	Ken Hendrick
CFO/Company Sec <sup>y</sup>	Commercial Manager	Exploration Manager	Implementation Manager
MEDALITY			
30 yr career	22 yr career with	35 yr career with	>40 yr career
Woodside, BHP, Rio	ExxonMobil	ExxonMobil	Extensive experience
John Robert	<b>Geoff Geary</b>	John Moore	<b>Chris Hart</b>
Project Engineering	Seismic Interpretation	Geophysical Applications	Founder
>40 yr career	30+ yrs	>40 yrs experience	Founded MEO in 1994
15 yrs in Methanol	Proven resource finder	ExxonMobil & others	



## Substantial gas dominated portfolio High equity position in established LNG provinces



**3.7 Mtpa existing LNG capacity** >25 Tcf stranded gas

**16.3 Mtpa existing LNG capacity** 4.3 Mtpa under construction 20-35+ Mtpa under consideration



# Economics of gas commercialisation High quality gas has already been cherry-picked

Parameter	Preference
<b>Distance</b> - From infrastucture	Minimal
Gas quality	
- Natural Gas Liquids - CO <sub>2</sub>	Prefer high levels – adds to revenue stream Prefer nil/low – reduces handling/sequestration costs
Water depth	Prefer shallow water - Deep water increases costs
Disputed territory	Prefer to be in clear sovereign waters
Joint Venture Priorities	Prefer to be aligned without competing project complexities

Remaining resources are challenged by quality and distance issues Blending resources of varying quality will enhance the economic resource pool, especially if proximal to a development hub (ie Tassie Shoal)



## Remote Bonaparte Basin gas fields Land based development options have limitations



# Monetising CO<sub>2</sub>/distance challenged gas Tassie Shoal – the natural hub for stranded Bonaparte gas

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#### Tassie Shoal – a natural hub

-1,000+ acres at sub-20m water depth
-Proximal to <u>ALL</u> undeveloped gas fields (~25 Tcf)
-CO<sub>2</sub> sequestered into Methanol derivatives

-CO<sub>2</sub> expense converted to income (methanol)

-Eliminates need for long (uneconomic) pipelines

-Lower technical & commercial risk than FLNG

#### Environmental approvals in place

-granted until 2052 for:

- -2 x 5,000 tpd (1.75 Mtpa) Methanol plants
- -1 x 3 Mtpa (easily expands to 3.5 Mtpa) LNG plant

#### **Substantial CAPEX savings**

-SE Asian pre-fabrication/pre-commission -Sea-water cooled LNG plant (smaller footprint)

#### **Robust economics**

-Lower sailing days to/from SE Asia = freight advantage



### Gas supply options for approved projects Own discoveries &/or stranded 3<sup>rd</sup> party gas

Greater Sunrise (FLNG? Land? Tassie Shoal?) (Woodside/Shell/ConocoPhillips) ~5.4 TCF 3% CO<sub>2</sub> 40 bbl/mmscf

-High liquids, modest CO<sub>2</sub> but remote, disputed territory



Evans Shoal (Product?) (Santos, Shell, Petronas, Osaka Gas)			
~6+TCF	25% CO <sub>2</sub>	4 bbl/mmscf	
-Low liquids, high CO <sub>2</sub> remote			
↓ Evans_Shoal			





### **Tassie Shoal Economics**

Compelling savings over alternative land-based LNG

Estimated costs * (US\$m)	Tassie Shoal LNG	Land-based LNG	Potential Savings (US\$m)
Liquefaction plant	\$1,070	\$1,549	\$479
Pipeline to facility	\$288	\$943	\$655
LNG storage tank	\$308	\$300	(\$8)
Jetty/Loadout	\$236	\$200	(\$36)
Project/Owners Costs (8.5%)	\$161	\$252	\$91
Total Project Cost	\$2063	\$3,244	\$1,181

\* 3Q'08 3<sup>rd</sup> party cost estimates – savings accrue via:

•Substantial reduction of expensive pipeline distances

•Smaller infrastructure footprint due to sea-water cooling (less steel!)

•Pre-fabrication/pre-commissioning as one module transported to site



### NT/P68 2008 gas discoveries Appraisal drilling planned for 2010

Heron Nth – 300m gross gas! Heron Sth – 130 km<sup>2</sup> closure, better reservoir??? Blackwood-1 intersected 49m gas in Plover. Blackwood east is >4x size of Blackwood closure



# Focused exploration

Applying proven analogues in established areas

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# Recent discoveries hidden for >30 yrs

#### Seismic velocity complexities continue into WA-360-P

-1972 Nth Tryall Rocks-1 & Malus-1 were drilled on mapped structural time highs
-2001 lago – discovers gas – down structure of the dry Nth Tryall Rocks well
-2004 Wheatstone – discovers gas – even further down structure in time
-2005 Pluto gas discovery, 2006 Xena
-2008 Artemis identified as lago / Wheatstone analogue in WA-360-P







# WA-360-P seismic velocity complexities Most leads are not apparent in Two-Way-Time (TWT)



#### WA-360-P

#### Multiple leads apparent after depth conversion



# Artemis prospect Estimated 250 km<sup>2</sup> areal extent (140 km<sup>2</sup> in existing 3D)

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## Value proposition Compelling value gap – requires catalyst(s)

Issue Capital	Share Price	Value (A\$m)	Remarks
417m ordinary	\$0.08	\$35m	At 18 <sup>th</sup> March 2009
Less cash on hand	\$0.05	\$19m	\$19.3m at 28 <sup>th</sup> Feb 2009
Implied value of projects	\$0.03	\$16m	Net of cash
<b>Tassie Shoal (50-90%)</b> - Environmental Approvals	???	???	Seeking gas for projects A\$500m offer by WPL to KLC
NT/68 discoveries (90-100%)			Farm-out process 2Q'09
-Blackwood/Blackwood East -Heron North/Heron South	??? ???	??? ???	Potential to underpin TSMP (I) CSG paying >US\$0.50/Gj 3P!
WA-360-P (assume 20% equity)			Farm-out process 2Q'09
- Artemis prospect (~5 Tcf GIP)	~\$1.20	~A\$500m	Assumes 70% recovery , US\$0.50/Gj, Fx \$0.70

### Summary

#### Viable niche, compelling value gap, near term catalysts

>Australia remains an attractive destination for major global E&P players seeking gas

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Carnarvon Basin – 16.3 Mtpa existing LNG production capacity

 4.3 Mtpa capacity under construction
 20-35 Mtpa under serious consideration
 Wheatstone/Iago 10 Mtpa (2 x 5 Mtpa trains)
 Greater Gorgon 10-25 Mtpa (2 x 5 Mtpa trains, seeking increase to 5)
 MEO WA-360-P permit strategically positioned to existing & planned infrastructure
 Formal farmout process commences 2Q'09 for 2010 drilling

Bonaparte Basin – 25 Tcf undeveloped gas resources (excludes Ichthys gas field)

 CO<sub>2</sub> & distance challenged
 Tassie Shoal located in heart of undeveloped gas
 Integrated solution for all gas qualities
 Solves CO<sub>2</sub> & distance issues
 MEO discoveries subject to farm-out & 2010 appraisal drilling

Compelling value proposition
• Trading at fraction of potential value, potential for near term catalyst(s)