

### **Cue Energy Resources Limited**

A.B.N. 45 066 383 971

9 May 2012

PAGES (including this page): 28

Company Announcements Office 10th Floor 20 Bond Street Sydney NSW 2000

### **Investor Presentation May 2012**

Attached please find Cue Energy Resources Limited release with respect to the above mentioned.

Yours faithfully

Andrew M Knox

**Public Officer** 

#### **CUE ENERGY OVERVIEW**

Cue is an Australian based oil & gas company with projects in Australia, New Zealand, Indonesia and PNG.

#### THE COMPANY HAS:

- Long life production
- A strong balance sheet
- An active exploration program

#### **DRILLING PROGRAM**

- Naga Utara exp well Q1 12
- Naga Selatan exp well Q2 12
- WA-389-P exp well Q2 12
- Maari appraisal well Q4 12

#### **CUE ENERGY DIRECTORS**

- Richard Tweedie (Chairman)
- Timothy Dibb
- Geoffrey King
- Steve Koroknay
- Paul Moore
- Leon Musca
- Andrew Young

### **CUE ENERGY MANAGEMENT**

- Mark Paton (CEO)
- Andrew Knox (CFO)
- Terry White (Exp Man)
- Alex Parks (CCO)

#### **OFFICE**

Level 21

114 William Street Melbourne Vic 3000

### **CONTACT DETAILS**

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#### **EMAII**

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#### **WEBSITE**

www.cuenrg.com.au

#### **LISTINGS**

ASX: CUE
NZX: CUE
POMSOX: CUE
ADR/OTCQX: CUEYY



#### **DISCLAIMER & IMPORTANT NOTICE**

Various statements in this document constitute statements relating to intentions, future acts and events. Such statements are generally classified as forward looking statements and involve known risks, expectations, uncertainties and other important factors that could cause those future acts, events and circumstances to differ from the way or manner in which they are expressly or impliedly portrayed herein.

Some of the more important of these risks, expectations and uncertainties are pricing and production levels from the properties in which the Company has interests, and the extent of the recoverable reserves at those properties. In addition, the Company has a number of exploration permits. Exploration for oil and gas is expensive, speculative and subject to a wide range of risks. Individual investors should consider these matters in light of their personal circumstances (including financial and taxation affairs) and seek professional advice from their accountant, lawyer or other professional adviser as to the suitability for them of an investment in the Company.

## Cue Energy At A Glance ...

A\$188 Million Market Capitalisation @ A27c **Ordinary Shares** 698,119,720 12 Month Trading Range 19 - 34cAverage Daily Volume ~500.000 Cash at 31/03/2012 A\$ 42.3 Million Debt nil **Top Twenty Shareholders** 399 Million (57%) Major Shareholders 27% Todd Petroleum Singapore Petroleum 16.6% Listings ASX: Cue; NZX: Cue;



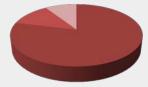
#### 2P Oil Reserves



- 2.4 mmbbls (2P\*) Maari (NZ)
- 0.2 mmbbls (2P\*) Oyong (Indonesia)
- 0.1 mmbbls (2P) SE Gobe (PNG)

Total Oil: 2.7 mmbbls

### 2P/2C Gas Reserves / Resources



- 91 BCF (2C†) Barikewa (PNG)
- 14 BCF (2P) Wortel (Indonesia
- 11 BCF (2P) Oyong (Indonesia)
- 2.5 BCF (2P) SE Gobe (PNG)
  Total Gas: 118 BCF
  (20 mmbbls BOE)

Volumes remaining to be produced at 31/12/2011 \*Cue estimate †Contingent resource

# **Cue Key Management**



Mark Paton Chief Executive Officer

Mark has over 30 years experience in the upstream gas and oil industry. His credentials include working in various positions for BP in Europe and the Middle East and BHP Petroleum in Australia. He left BHP in 1997 to co-found Upstream Petroleum, specialising in the operation of production facilities. In 2006 the company was sold to the AGR Group of Norway. Mark was Managing Director of AGR Asia Pacific based in Kuala Lumpur until 2009. He has since been consulting to the oil and gas industry until joining Cue Energy Resources as CEO in February 2011.



Andrew Knox Chief Financial Officer

Andrew holds a BCom degree from the University of Western Australia. He has over 26 years experience in resource companies, predominantly in oil and gas in Australia, North America and South-East Asia. Andrew joined Cue Energy in 1994 and is responsible for financial matters.



Terry White Exploration Manager

Terry holds a BSc (Hons) from the University of Tasmania majoring in Geology and Geophysics. He has over 31 years of experience in the oil and gas sector and has worked in technical, exploration management and executive roles in Esso, BHP Billiton and Santos. Terry joined Cue Energy in April 2009 and is responsible for exploration matters.

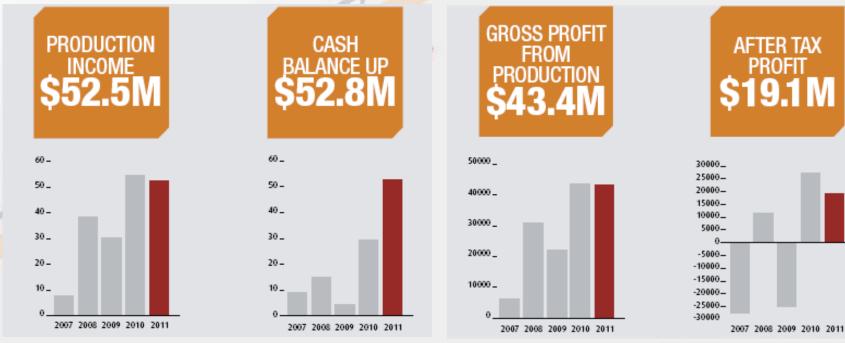


Alex Parks
Chief Commercial Officer

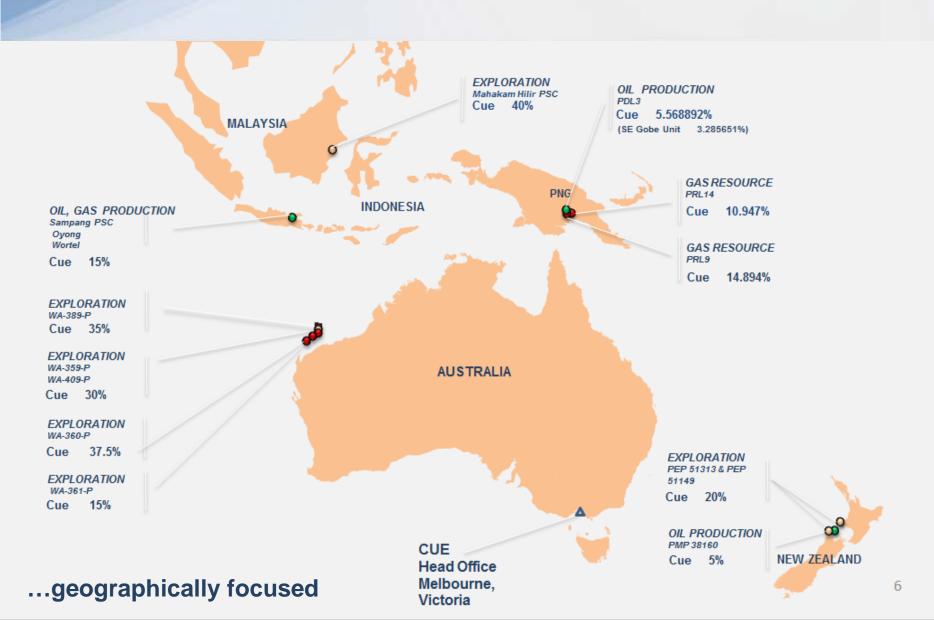
Alex holds an MEng Degree in Petroleum Engineering from Imperial College, London. He has over 15 years experience in the oil and gas sector, the last seven years in executive management roles including CEO of Mosaic Oil, CEO of Otto Energy and Technical Director of RPS Energy. Alex joined Cue Energy in March 2011 and is responsible for business development matters.

### **2011 Financial Results**

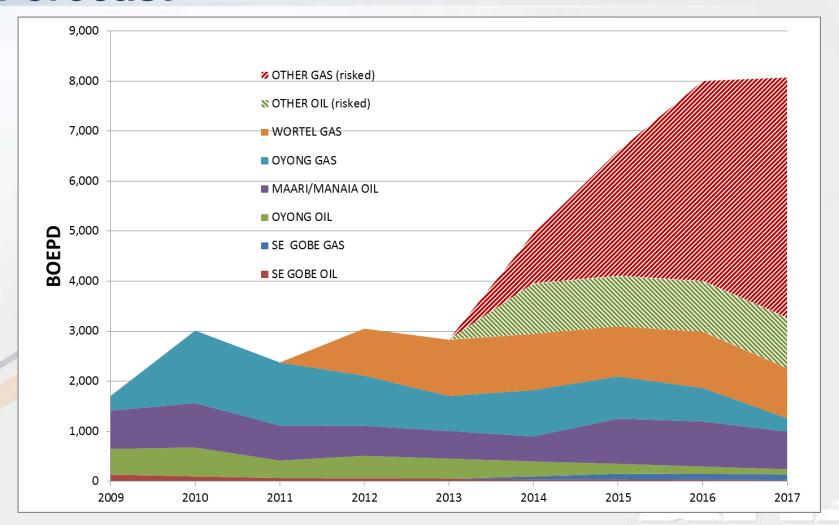
- Revenue steady with lower oil production offset by higher oil prices and gas production
- Gross profit steady but net profit after tax lower due to T37P/T38P exploration write off exchange rate losses and accounting treatment of oil hedging activities
- After tax earnings of 3 cents per share equating to 12.5% return on shareholder equity in FY2010/11



# **Asset Location Map**



# Net 2P / 2C Indicative Production Forecast



... long term production with potential upside9

### from Good...

### **Current Status**

- \$188 million market capitalisation

   \$0.27/share
- In the range 15<sup>th</sup>-25<sup>th</sup> largest E&P companies on the ASX
- Clean balance sheet
- Australasia/Asia Pacific focus area
- Balanced portfolio of assets
- Affordable equity positions 5-20%
- Funded drilling via project farm down
- Non-Operator with quality JV operators (OMV, Oil Search, Woodside, Apache, Santos, SPC)
- · Historically exploration led
- Non-Operator
- · Conventional oil & gas focus
- Ongoing exploration program



### 3-5 Year Vision

- >\$1 billion market capitalisation
   @ over \$1 / share
- In the range 5<sup>th</sup>-10<sup>th</sup> largest E&P companies on the ASX
- · Robust balance sheet
- Australasia/Asia Pacific focus area
- Greater diversity of cash flow streams but maintain balanced portfolio approach
- Fund drilling via cash flow and farm down to maintain 20-50% project equity positions
- Maintain focus on quality JV partners
- Production and profit driven
- Operator of oil and gas E&P assets
- Conventional oil and gas focus
- Monetising any exploration success

.... to Great!

### A balanced portfolio of existing assets



... aiming to add projects across the spectrum

# **PROJECTS**



## Papua New Guinea

### Production

South East Gobe Field

- Cue has ~3.3% unitised interest
- ~ 70bopd to Cue
- Long term oil production
- SE Gobe Gas to be sold into PNG LNG from mid 2014 at 35 MMscfd gross

### **Exploration & Appraisal**

Potential to supply PNG LNG

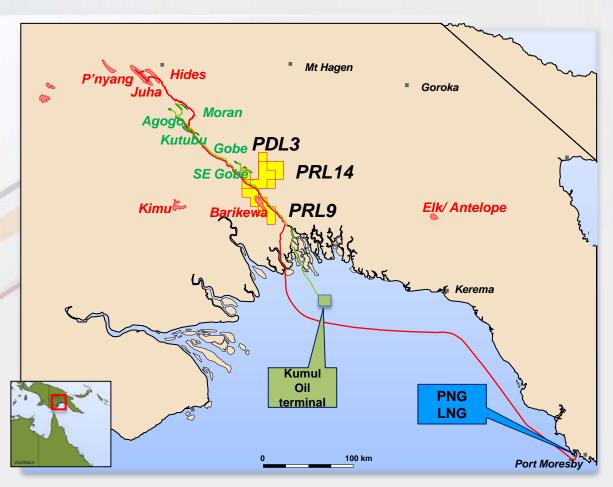
Barikewa Field (PRL9) (Cue 14.89%) is a potentially large undeveloped resource. Appraisal well planned in 4Q 2012

1.5 TCF

- Toro and Hedinia (2P equiv) 611 BCF
- Mean (all zones)
- P10 (all zones) 2.4 TCF

Bilip, lehi, Cobra (PRL14) (Cue 10.947%) undeveloped discoveries

Long term gas for PNG LNG with some associated oil



... long term cash flow and resources adjacent to PNG LNG infrastructure

### **Indonesia**

### Kutei Basin Mahakam Hilir PSC (Cue 40%)

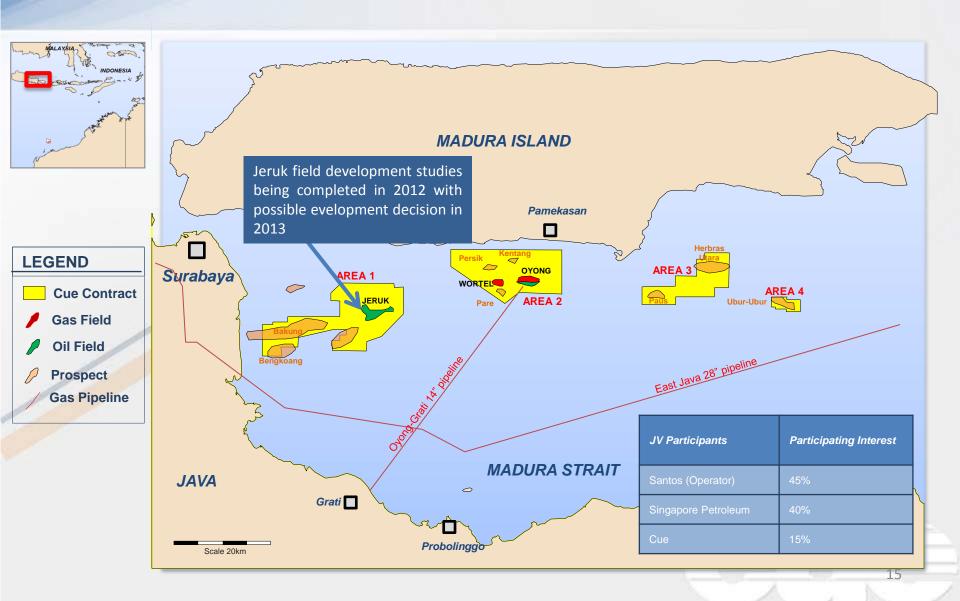
- Farmin to Mahakam Hilir PSC.
   Singapore Petroleum operator.
- Kutei Basin is a prolific basin.
- Naga Utara drilled January to March 2012.
   Discovered hydrocarbon bearing sands.
   Discovery to be evaluated with drill stem testing in the near term and possible appraisal wells in longer term.
- Naga Selatan spudded 17<sup>th</sup> April 2012
- Prospects are along trend of producing oil and gas fields.

### East Java Basin Sampang PSC (Cue 15%)

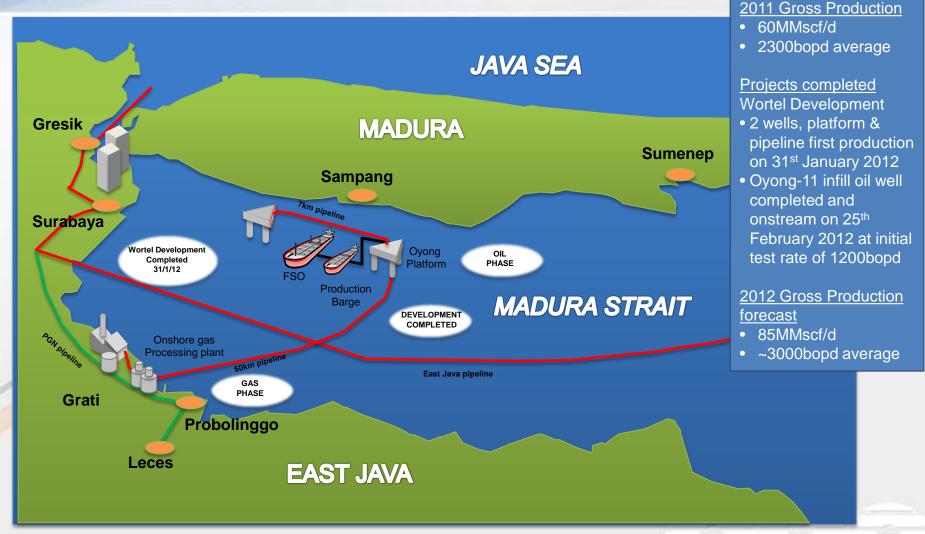
- Existing production Oyong Oil and Gas.
- Wortel Gas Production commenced 31st Januaray 2012.
- Further evaluation of Jeruk field ongoing with possible development decision in 2012



# Sampang PSC – Indonesia



# **Oyong + Wortel Development**



...three stage development

### Mahakam Hilir - Kutei Basin

### **KEY BASIN STATISTICS**

Oil 3.755billion

Recoverable bbls

Gas

Recoverable 67TCF

Condensate

Recoverable 991MMbbls

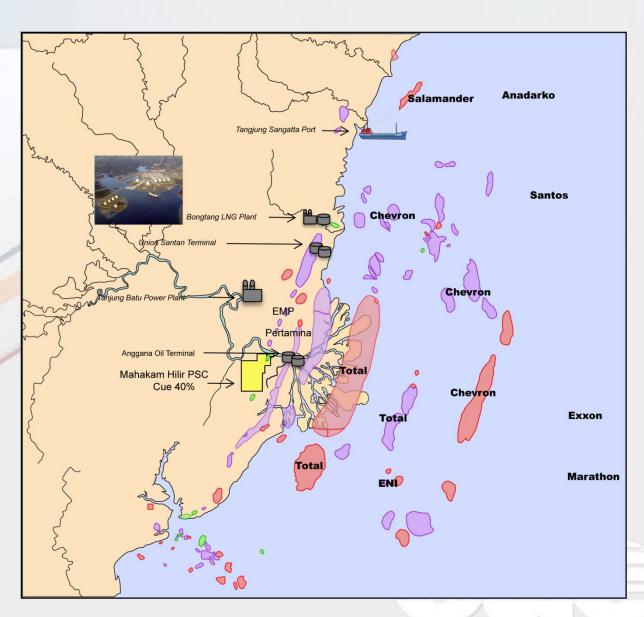
Multinational and Independent companies having assets in the basin – Exxon, Anadarko, Marathon, Chevron, ENI, Total, Santos

### COMMERCIALISATION

Multiple oil terminals / processing plants & Power station

Bontang LNG plant

- Capacity 20 mtpa
- Gas supply issues
- Currently ~ 10mtpa
- Japanese Buyers



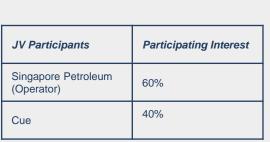
### **Mahakam Hilir PSC**

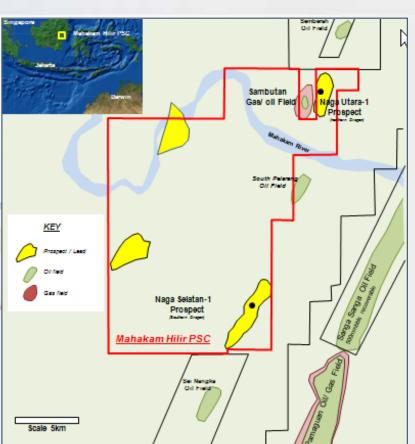
#### **KEY STATISTICS**

- 200 km of new seismic acquired by SPC
- · Historic seismic reprocessed
- 2 prospects high-graded and being drilled

### **Exploration Drilling**

- Drilled Naga Utara January to March and intersected hydrocarbon bearing sandstones.
- Naga Selatan currently being drilled.
   20 million barrel oil prospect, deep horizons high graded due to drilling Naga Utara.





Oil and Gas Seeps







...near term oil and gas exploration

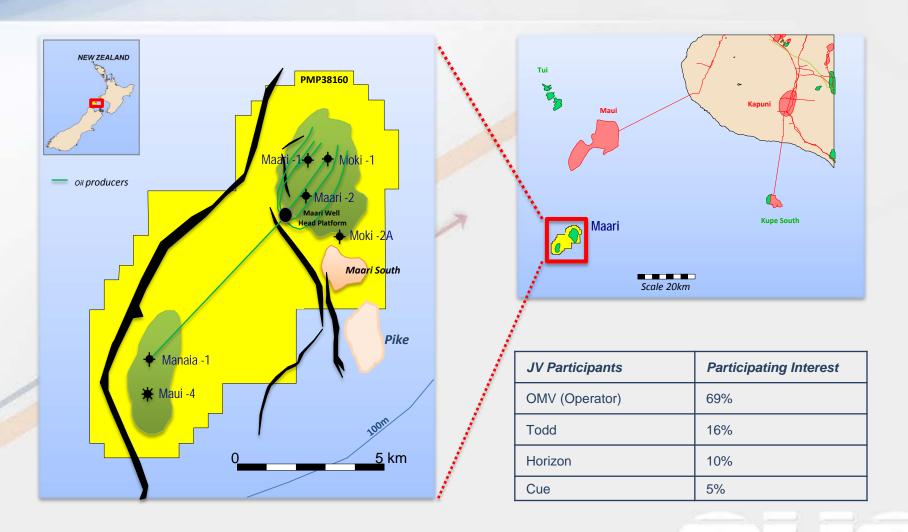
# **Mahakam Hilir Drilling Update**

#### **Well Results to Date**

- Naga Utara -1 encountered hydrocarbon bearing sandstones
- Three zones in 8.5 inch hole evaluated with electric wire-line logs
- Two overpressured hydrocarbon zones in 6 inch hole evaluated with wireline logs
- Production testing ongoing at present
- TD of well is 5066 feet



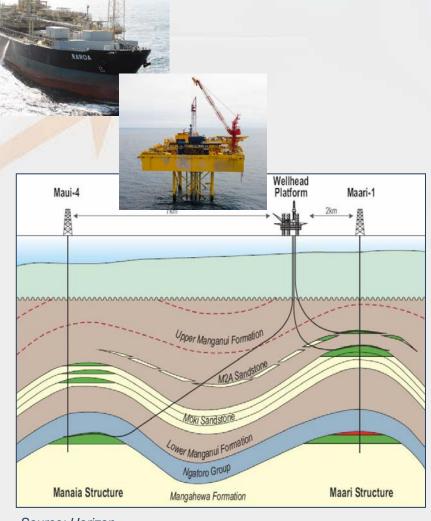
# New Zealand Maari Oil Field



# **Maari Development**

### Phase 1

- Platform, FPSO, 7 oil wells, 3 water injectors
- First oil 1Q 2009, 15.5 million barrels produced
- Current rate ~ 14,000 bopd with all wells producing Cue share ~ 700 bopd
- Moki 2P oil EUR ~ 52 million barrels
   Cue share ~ 2.6 million barrels
- M2A 2P initial EUR ~ 3.2 million bbls
- Manaia 2P initial EUR 6.3 million bbls
- Maari Moki sands secondary recovery via waterflood has been a limited success. Recent additional perforations in the cycle 1 sand of Maari 7 and 8 may have improved waterflood sweep.
- Electrical submersible pumps have been unreliable but have been redesigned and reliability is improving.



Source: Horizon

### Maari Phase 2 Appraisal and Development

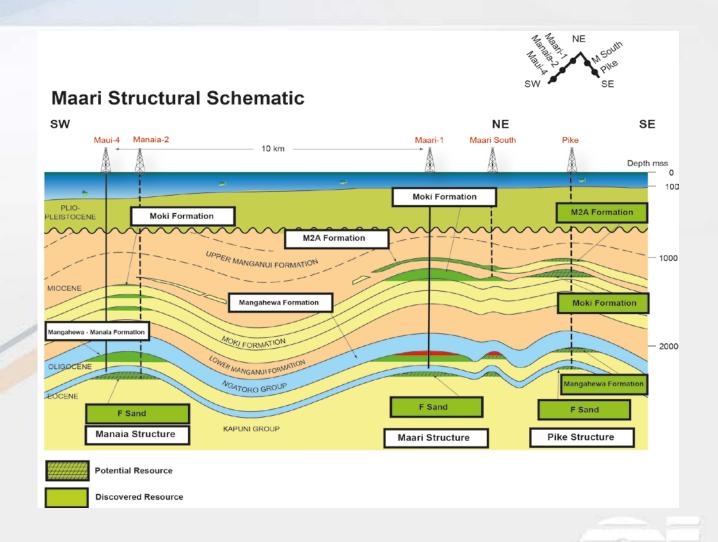
### **Objectives**

- Develop the proven Mangahewa reserves in the Maari structure
- Appraise and develop the Moki, M2A and Mangahewa reserves in Maari South. Maari South appraisal well approved by the JV for drilling in 4Q 2012 or 1Q 2013.
- Appraise the Manaia Moki sands and the F- Sands in the Manaia structure.
  Determine the depletion of Mangahewa cycle 1 and cycle 2 sands from the
  existing Manaia-1 well. Identify the requirement for water injection wells in
  the Manaia field. A Manaia appraisal well is approved by the JV for drilling
  in 4Q 2012 or 1Q 2013.
- Contingent additional appraisal well in the main Maari structure to gather data for improved waterflood and to investigate the potential of the Fsands in the Maari structure.
- Post further appraisal, drill and complete additional producers and water injectors and install additional wellhead platform and facilities to tie the wells into the existing FPSO if required.

Area upside + 20 - 90 MMbbls Gross\*

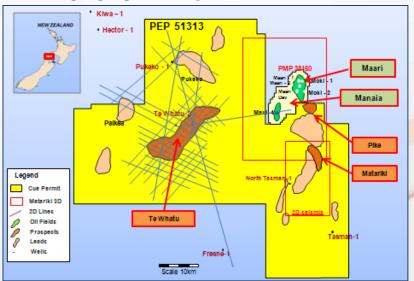
<sup>\*</sup> Cue estimate

### Maari Phase 2 Appraisal and Development



# **New Zealand Exploration**

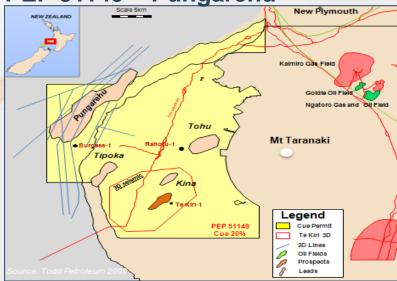
### **PEP 51313 - Pike**



JV Participants	Participating Interest						
Todd Exploration (Operator)	50%						
Horizon Oil (New Zealand) Ltd	30%						
Cue Taranaki Pty Limited	20%						

- Te Whatu 2D acquisition & Matariki 3D processing completed Q2 2011
- Discussions ongoing with Maari JV with regards to access to Maari facilities for Pike produced fluids
- New 3D survey over Pike and Maari imminent
- Possible Pike exploration well in Q4 2012 or Q1 2013

PEP 51149 – Pungarehu

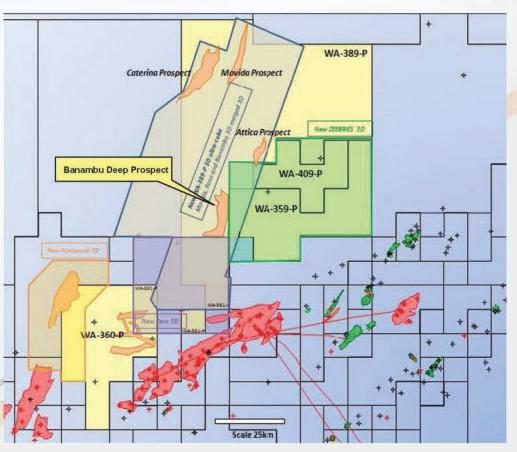


JV Participants	Participating Interest						
Todd Exploration (Operator)	61.425%						
Cue Taranaki Pty Limited	20%						
Mosaic Oil Limited (AGL)	18.575%						

Pungarehu 2D Seismic acquisition completed Q2 2011

...possible Pike exploration well in Q4 2012

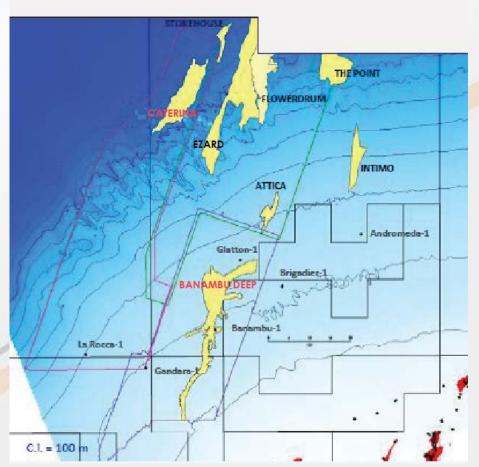
# **Australia Carnarvon Basin Permits**



- 5 permits on trend with major discoveries and new developments
- Significant existing and planned LNG processing capacity in the region
- WA-389-P Woodside (Cue 35%)
  - Movida 3D seismic completed in 1Q, 2011
  - Drilling one well in 2Q, 2012
  - Cue 35% free carry
- WA-359-P, WA-409-P Apache (Cue 30%) (Cue 30%)
  - 3D seismic completed
  - Cue 30% seismic free carry,15% well free carry if Apache exercise drill option
- WA-360-P, WA-361-P (Cue 37.5%) (Cue 15%)
  - New Foxhound 3D seismic
  - New Zeus 3 D seismic
  - JV investigating other prospects in the block

...large gas potential adjacent to LNG developments,

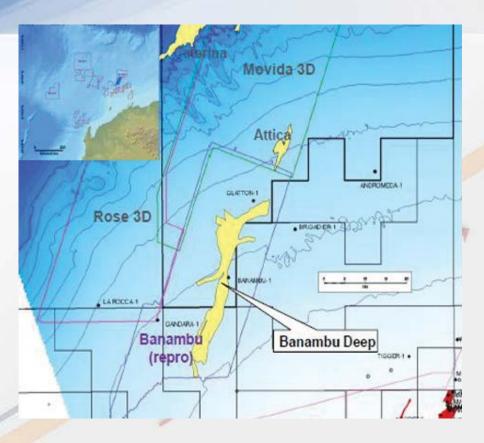
### WA-389-P



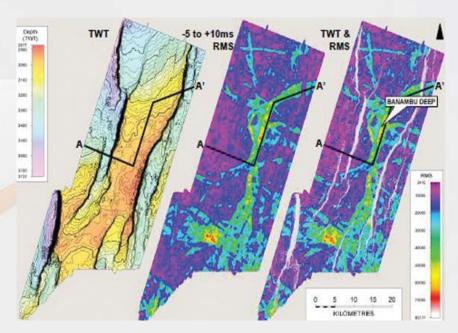
Following farmout to Woodside in 2010

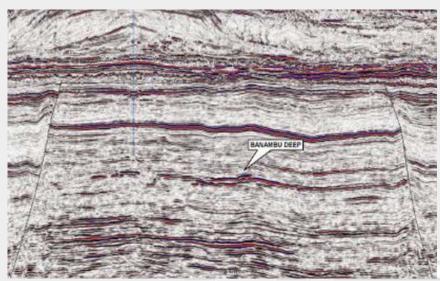
- Recent farm-in by BHP Billiton
- New Movida 3D seismic and existing 3D seismic reprocessing completed
- 8 prospects and leads
- Cue retains 35% carried interest
- Planning to drill Banambu Deep prospect in 2Q 2012

# **Banambu Deep**



Banambu Deep Prospect	
Water Depth	320m
Proposed Total Depth	4780m
Gas	Potential volumes of up to 1.5 TCF
Expected timing	Currently drilling – at target depth mid June 2012





# **Activity Timing**

	2011 2012				2013				2014				
CUE INDICATIVE TIME LINE 4Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
EXPLORATION SEISMIC													
NZ (3D Pike & Maari / Manaia)													
FIRM DRILLING													
Mahakam Hilir PSC Naga Utara													
Mahakam Hilir PSC Naga Selatan													
Sampang PSC Wortel Development (2)													
Sampang PSC Oyong Development (1)													
WA-389-P Banambu Deep -1													
CONTINGENT DRILLING													
Mahakam Hilir PSC Naga Utara appraisal													
Maari / Manaia Appraisal													
Maari / Manaia Development wells													
PEP 51313 (Pike/Matariki)													
PEP 51149 Pungarehu													
WA-359-409													
Barikewa - 3													
PRODUCTION													
SE GOBE Oil/Gas Production													
MAARI Oil/Gas Production													
OYONG Oil/Gas Production													
WORTEL Gas Production													

## Why Invest in Cue?

### **Strong Fundamentals**

- Experienced & energetic board and management
- Existing oil and gas production and cash flow with a low decline rate, providing a stable platform for company building
- Clean balance sheet, no debt
- Aggressively screening new venture opportunities

### **Near-term Activity**

- LNG scale, WA389-P Banambu deep-1 well currently drilling
- Naga Selatan oil exploration well currently drilling
- Possible Naga Utara gas appraisal drilling 3Q 2012
- Maari Phase 2 Appraisal drilling Q4 2012
- Pike Exploration drilling Q1 2013