## **ASX** Release



17 July 2015

ASX: BRU

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#### **Corporate Presentation**

Please find attached Buru Energy Limited's (ASX: BRU) latest corporate presentation.

This presentation and further information on Buru Energy's current and future activities is available on the Company's website at <a href="https://www.buruenergy.com">www.buruenergy.com</a>.

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#### **About Buru Energy**

Buru Energy Limited (ASX: BRU, S&P/ASX300) is a Western Australian oil and gas exploration and production company headquartered in Perth with an operational office in Broome. The Company's petroleum assets and tenements are located onshore in the Canning Basin in the southwest Kimberley region of Western Australia. Its flagship high quality conventional Ungani oil field project is owned in 50/50 joint venture with Mitsubishi Corporation. As well as Ungani, the Company's portfolio includes potentially world class tight gas resources.

The company's goal is to deliver material benefits to its shareholders, the State of Western Australia, the Traditional Owners of the areas in which it operates, and the Kimberley community, by successfully exploring for and developing the petroleum resources of the Canning Basin in an environmentally and culturally sensitive manner.

## Delivering Western Australia's Energy Future

**Buru** Energy

Noosa Mining & Exploration Conference 17 July 2015



## **Summary**

Who are we

What do we do

The assets

2015 Program

**Value drivers** 





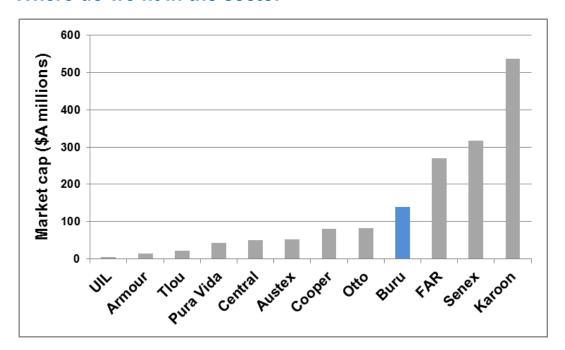


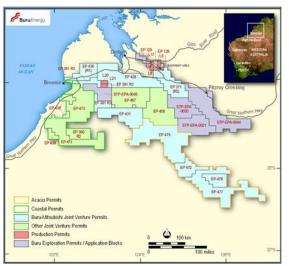


## Buru Energy - Who are we

- Listed Australian company (ASX: BRU)
- Very focused and unique whole of basin position (~45,000 sq kms net)
- Highly prospective and underexplored basin
- Generally 50% equity and operator. Major partners Mitsubishi & Quadrant
- Multiple play types with high potential
- Extensive portfolio of prospects and opportunities
- Commercial oil production providing cash flow
- Well funded and very active 2015 program

#### Where do we fit in the sector











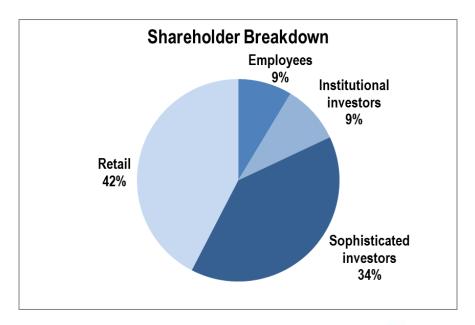
## **Corporate Overview**

6	month	share	price
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Company				
Formed	2008			
Ticker	ASX:BRU			
Index	S&P/ASX300			
Shares on issue	340 million			
Share price	~\$0.41			
Market Cap	~\$140 million			
Cash on hand	~\$41.9 million (at 30 June)			
Net Acreage	45,620 sq km 11.2 million acres			
Key Partners	Mitsubishi, Quadrant			

Board				
Eric Streitberg	Executive Chairman			
Eve Howell	Non Executive Director			
Robert Willes	Non Executive Director			







Focused on high value opportunities!

**2007 -** Unique basin wide position established (one off opportunity)

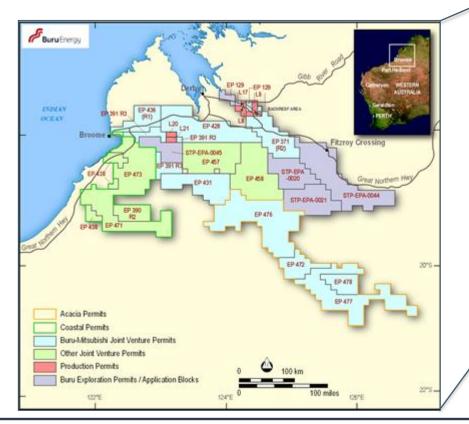
2010 - Farmed out to Mitsubishi (~\$150mm deal)

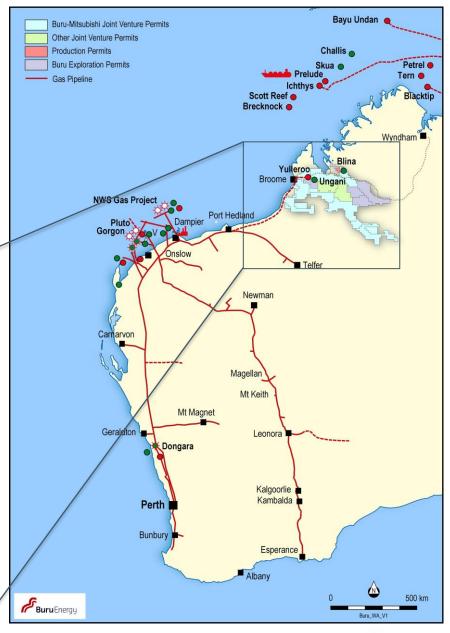
**2010-2013 -** Identified and quantified potential world class tight gas opportunity

**2011/2102** - Discovered and appraised Ungani Oilfield, first significant discovery in the basin for 30 years

**2015** - Ungani developed and brought into commercial production.

Major exploration and appraisal program underway







### **2015 Focus**

#### **Unique window of opportunity for Buru Energy**

- Focus on core areas that have the highest prospectivity and lowest risk,
- Well funded, unique low cost operating window
- Extensive prospect portfolio

#### Value delivery

- Current climate ideal for realigning the business back to basics
- Step by step approach through concluding agreements and renegotiations
- Value and costs focused management team

#### **Costs reductions provide window of opportunity**

#### Drilling costs more than halved - a revolution in technology and process

- Reductions made possible by stepping away from "old" oilfield technology
- Cost reductions and efficiency from US unconventional and Australian CSG drilling practices
- Contractor confidence, skills and experience transfers performance risk to the contractor where it belongs and can be properly managed
- Two rigs contracted Atlas 2 and DDH1 Rig 31

#### Support services also rationalised

- Technological revolution to keep up with cost pressures
- Downsizing of equipment to onshore fit for purpose by independent contractors



DDH Rig 31



Atlas Rig 2



## **Ungani Oilfield**

#### Commercial production commenced – cash flow being generated

**Excellent reservoir performance -** confirmed by Extended Production Test and current initial flows

**Production during EPT** ~470,000 bbls (gross - Buru 50%)

#### **Commercial startup process completed**

■ Traditional owner agreements: completed for Production Licences

■ **Production Licences**: granted

■ Consent to Operate: FMP, safety case, environmental plans etc, approved

■ **Start date:** 16 July 2015

Completed Funding Agreement for Capital costs with Mitsubishi

#### **Production targets**

Initial startup at 1,250 bopd - next target 3,000 bopd

#### Resources

#### Buru's internal resource estimates

 Buru's view of the Contingent Resources of the Ungani Field are as follows, in millions of barrels - Buru's share is 50% of the following estimates

Ungani Oilfield Original Contingent Recoverable Resources (100%WI, MMstb)					
1C	2C	3C			
3.9	6.1	9.4			

Note: The full contingent resource statement in accordance with ASX listing rules was set out in Buru ASX release of 28 April 2015 "Operations Update and AGM presentation"











## **Oil: Conventional Prospects**

# **Extensive high prospectivity portfolio Ungani Trend**

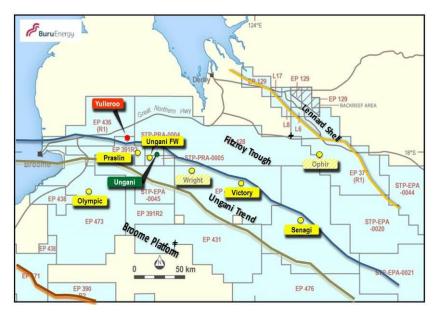
- Conventional vuggy dolomite reservoir discovered in 2011
- Structures are readily imaged by geophysics
- Trend covers over +120 kms by 40 kms (+1 million acres)
- First exploration drilling underway since Ungani North oil discovery in 2012

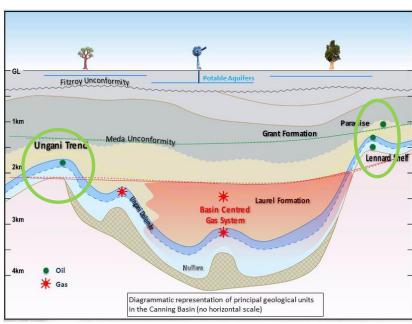
#### 2015 program

- Detailed mapping of the whole trend has identified an extensive prospect portfolio
- Recent Jackaroo 3D has identified numerous prospects, relatively small but low risk. 2015 drilling program will test at least one of these from the 3D
- Other wells will test the regional extent of the play
- First well Praslin 1 just spudded in Jackaroo 3D
- Following wells: Victory 1, Senagi 1, Ungani appraisal

#### Other Conventional Oil Plays to be confirmed

- Paradise area Ophir 1 updip test of Paradise oil discovery planned, many additional prospects in that area
- Buru 100% Blina area reef test







## Laurel Tight Gas regional resource

#### Resource

 +100 TCF in the BCGS and +1Bn bbls oil (gross) - with 47 TCF gas net to Buru (\*\*independent estimates of prospective resources)

#### **Tight Gas Pilot Exploration (Fracc) Program**

#### **Regulatory Approvals**

- WA Environment Minister upheld EPA decision that:
   Buru's "small scale, limited duration 'proof of concept' exploration proposal is unlikely to have a significant effect on the environment"
- DMP approvals subsequently received for Environment Plan, Operational Plan and Safety Plan

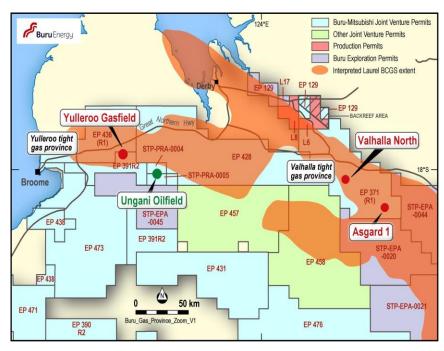
#### **Traditional Owners**

## Traditional owner groups independent scientific advice supported the EPA conclusions

- Agreement for eastern wells program received from Noonkanbah community, preliminary work carried out in late 2014
- Yawuru community discussions ongoing
- Nyikina Mangala community independent review process in progress (TGS program is not on NM areas)

#### **Operational**

- Preliminary work completed for program
- Contracts reviewed and agreed in light of industry downturn with significant cost reductions
- Timing dependent on a number of factors



	Prospective Resources (net to Buru)			
Product	Low Case (MMbbl/TCF)	Best Estimate Case (MMbbl/TCF)	High Case (MMbbl/TCF)	
Condensate	226	1,177	4,717	
Natural Gas	12	47	150	

Values have been rounded to the nearest TCF and MMbbl

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.



<sup>\*\*</sup> Refer to ASX Release dated 8 February 2013 (Evaluation date). Deterministic method used.

## **Conventional Gas (2016 program)**

#### **New Geological Concepts Enhance Prospectivity**

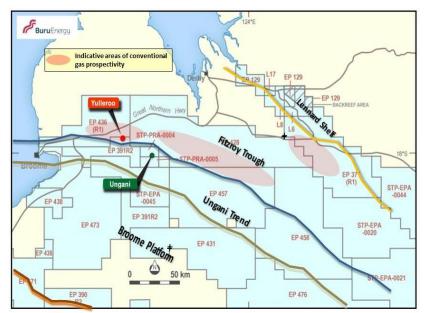
- Work over the last two years has defined much higher conventional gas potential than previously recognised
- Ungani style prospects in the gas window particularly attractive
- Possible oil as well as gas given the high oil generative capacity of the section

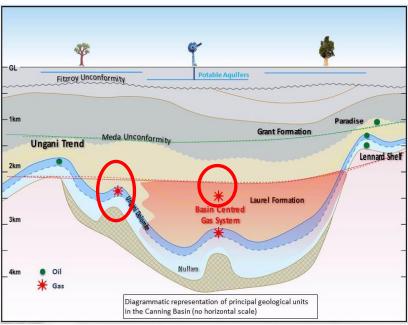
#### **Upside**

- Conventional gas projects cheaper and quicker to develop
- Prospects of a scale to support pipeline development or local power and petrochemical projects
- Current portfolio contains numerous prospects
- Additional upside and prospects likely to be defined by 2015
   3D program over Bickley and Yakka Munga and 2D over Raphael

#### **Evaluation program**

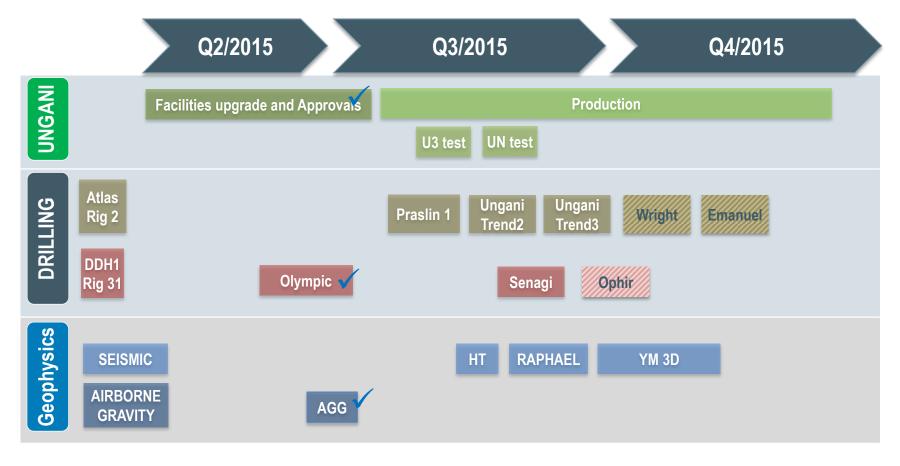
- Requires bigger rig than in use for 2015 program
- Will need to drill several prospects to justify rig mobilisation and give higher chance of success
- Ideal farmout program







## **2015 Program – Indicative Timeline**



Note: Note that drilling order of the Ungani trend wells is dependent on operational requirements to optimise the program logistics and the most efficient rig utilisation

All of Buru Energy's operations and activities are subject to joint venture, regulatory and other approvals and their timing and order may also be affected by weather, availability of equipment and materials and land access arrangements, including native title arrangements. The order of drilling of these wells and the timing of acquisition of seismic is also dependent on operational matters.



## **Funding**

#### **Current Situation**

#### Cash end of June quarter ~\$41.9M, budgeting for ~\$26M at year end

#### **Ungani development**

- Relatively low cost main cost is wells
- Broome Export facility off balance sheet funding
- Cash flow positive at current oil prices
- Mitsubishi Funding agreement reset (\$27.5M) with full carry through end 2016 of up to \$9M Buru share of capital expenditure with production hurdles in future tranches

#### Oil exploration program

- Olympic 1 well completed, fully funded via Quadrant farmin
- Ungani appraisal included in the MC funding for Ungani development
- Ungani trend oil wells funded from internal resources
- 2D seismic funded internally
- 3D seismic funded internally

#### **Laurel Tight Gas pilot program**

- Funded from Alcoa escrow agreement
- Alcoa agreement being renegotiated

#### **Forward Funding**

#### Oil exploration

Wider exploration via excess cash from Ungani and internal sources

#### **Conventional Gas exploration**

Funded through farmout/internal resources

#### Tight Gas appraisal and development

Laurel farm-in partner planned to be introduced after flow testing











## **Buru Energy value drivers**

- Pivotal moment for the Buru Energy oil business
- Funding in place
- Traditional Owner agreements secured
- Ungani commenced commercial production
- Costs driven down
- 5 to 7 well oil exploration program commenced May 2015
- Significantly increased conventional gas potential
- Tight gas fundamentals remain strong
- 3D and 2D seismic and AGG to develop additional prospects for 2016

A very exciting program!











The sun rises on the Canning Basin

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All dates in this presentation are for calendar years. All references to \$ are in Australian currency, unless stated otherwise.

#### **Competent Person's Statements**

Information in this presentation related to petroleum resources of the Ungani Oilfield is based on information compiled by Dr Stuart Weston who is a consultant to Buru Energy Limited. Dr Weston has over 19 years experience in petroleum exploration and engineering, holds a Bachelor Degree in Physics, a PhD in Petroleum Engineering and is a member of SPE. Dr Weston is qualified in accordance with ASX Listing Rules and consents to the inclusion of the information in this document.

Information in this presentation related to exploration and production estimates and results is based on information compiled by Eric Streitberg who is an employee of Buru Energy Limited. Mr Streitberg is a Fellow of the Australian Institute of Mining and Metallurgy and the Australian Institute of Company Directors, and a member and Certified Petroleum Geologist of the American Association of Petroleum Geologists. He has over 40 years of relevant experience. Mr Streitberg is qualified in accordance with ASX Listing Rules and consents to the inclusion of the information in this document.

