

# ANNUAL GENERAL MEETING



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DELIVERING CLEAN  
ENERGY TO INDONESIA

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15 November 2017

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This presentation should be read in conjunction with the Annual Financial Report as at 30 June 2017, the half year financial statements together with any ASX announcements made by the Company in accordance with its continuous disclosure obligations arising under the Corporations Act 2001 (Cth).

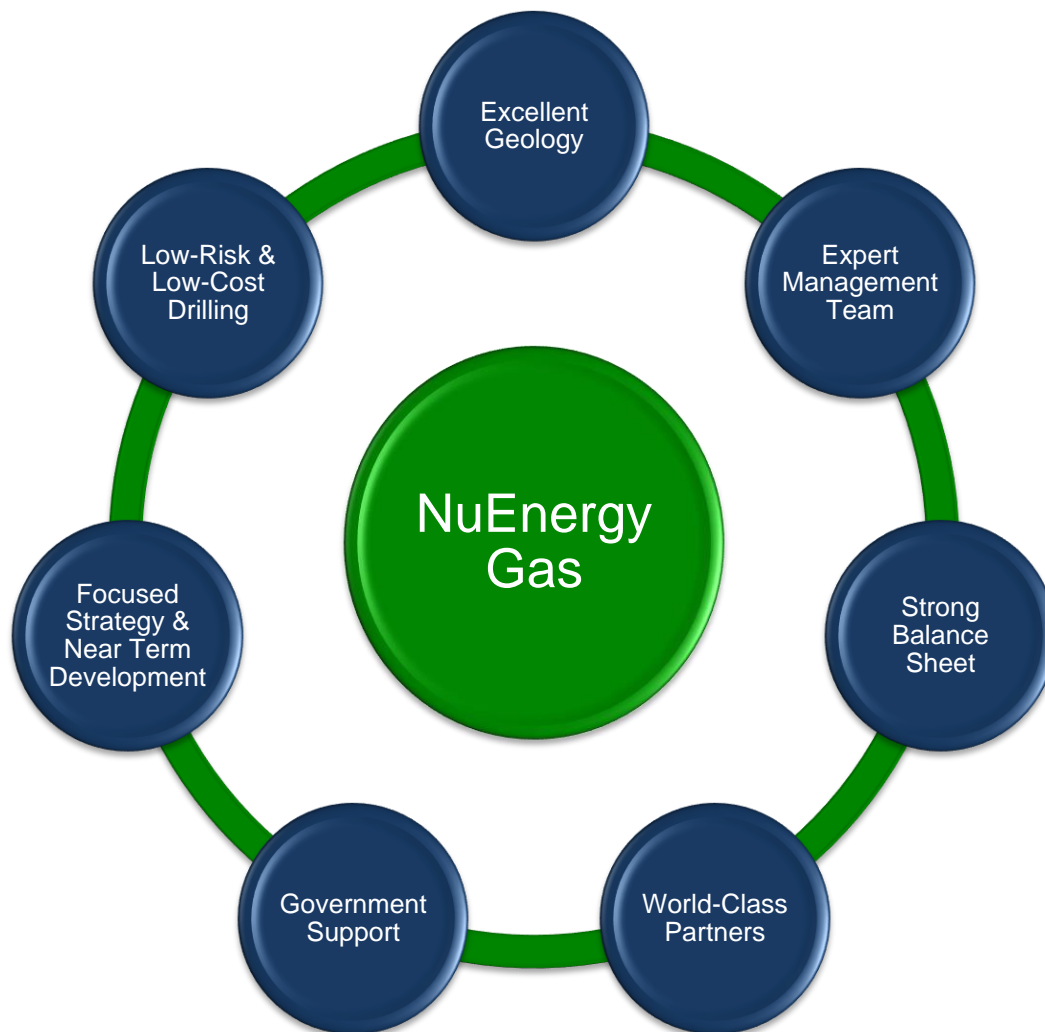
- **About NuEnergy**
- Indonesia's Energy Markets
- Our Portfolio
- July 2016 – November 2017 Company Highlights
- 2018 Priorities

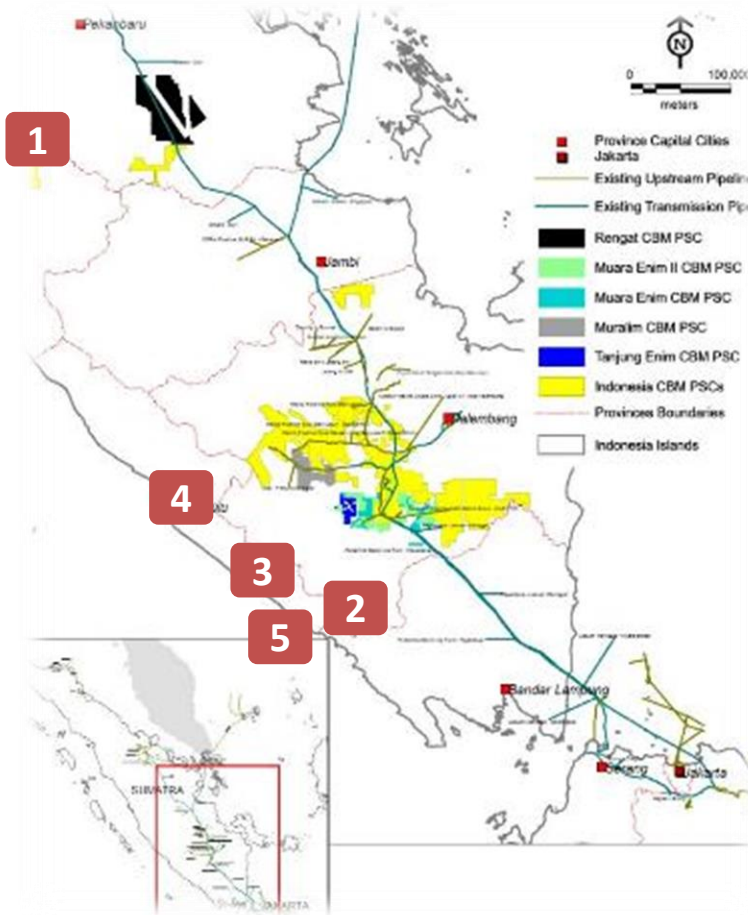


- NuEnergy Gas is an ASX Listed, Independent Clean Energy Company
- Paid-Up Capital: AUD106 Million
- Focused on Exploring, Developing & Producing Clean Gas in Indonesia
- 6 Production Sharing Contracts (PSC) Covering Over 3,600km<sup>2</sup>
- Proud Partner of the Indonesian Government and Energy Industry

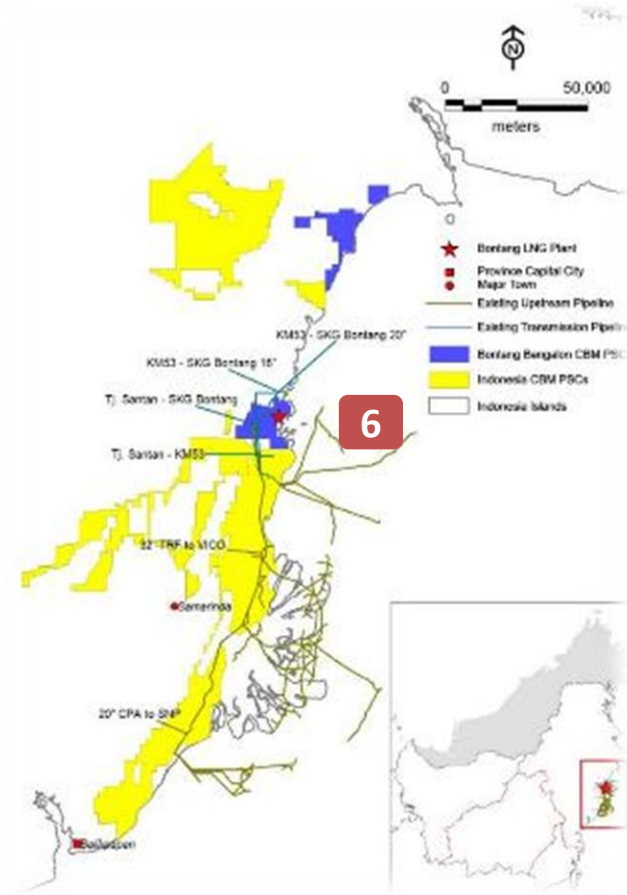
**Committed to Delivering Maximum Shareholder Value/Return**







**Sumatra**



**East Kalimantan**



## Experienced Board and Proven Leadership Team

Leadership Team	Previous Employers			Industry Experience
<b>Kee Yong Wah</b> Deputy Executive Chairman				33 years
<b>Dr. Ian Wang</b> Chief Executive Officer				30 years
<b>Lim Beng Hong</b> Chief Operating Officer				30 years
<b>Unggul Setyatmoko</b> Chief Commercial Officer				30 years
<b>Dr. Victor Zhang</b> Chief Technical Officer				30 years
<b>Jason Chua</b> Chief Financial Officer				17 years

**NuEnergy Gas has augmented an experienced board and proven leadership team with:**

- Vast experience of operating and commercializing unconventional gas and CBM projects
- Deep technical knowledge and understanding of hydrocarbon geology in Indonesia
- Long standing and trusted relationship across the Asian energy markets, especially within Indonesia

Our major shareholders are -

1. Globaltec Energy Resources ("GER")
2. New Century Energy Resources ("NCE")

### About GER and NCE

- GER and NCE are subsidiaries of Globaltec Formation Berhad ("Globaltec"), a conglomerate listed on the Malaysian Stock Exchange
- Businesses spanning across manufacturing, oil & gas, palm oil plantation and investment holdings
- Global exposure in 10 locations across 3 countries, 7 facilities and employs about 1,200 employees
- In 2014, Globaltec teamed-up with NCE, a team of experts with vast experience in the oil & gas exploration, production and servicing industry, to recapitalise and transform NuEnergy Gas
- Together hold approximately 65% of NuEnergy Gas collectively



# NCEnergy





**Indonesia's  
National Oil  
Company**



**Indonesia's  
Largest Energy  
Company**



**Indonesia's  
Largest Coal  
Company**

**SUGICO**

**Indonesia's  
Emerging  
Energy & Coal  
Company**

- We offer our shareholders a unique opportunity to access South East Asia and gain exposure to Indonesia's fast moving and dynamic energy market
- We are proud to be recognised as a partner of choice for other leading Indonesian energy companies
- Each of our partners are highly capitalized with ambitious growth plans for increasing unconventional gas production
- We are committed with them to delivering clean energy to the people of Indonesia

**Building a sustainable upstream company by investing in: People + Environment + Community Engagement + CSR + Health, Safety & Security + Corporate Governance**

**Sustainability is integral to our business and our every day actions. We operate in a socially responsible and conscious manner:**

- We are incredibly proud of our people, they are at the heart of our company and all we do
- We are committed to minimising the footprint and operational impact our operations have on the environment and local communities
- We generate jobs, economic benefits and our investments have ensured we are trusted member of these communities
- We maintain rigorous standards for meeting all environment standards, rules and regulations
- Integrity and sound corporate governance also underpin everything we do



- About NuEnergy
- **Indonesia's Energy Markets**
- Our Portfolio
- July 2016 – November 2017 Company Highlights
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## NuEnergy Unique Positioning in Indonesia

World's 4th largest population and growing rapidly

Strong GDP growth and good economic outlook (5% growth y-on-y)

Increasing energy demand (5.9% in 2016) and robust gas prices

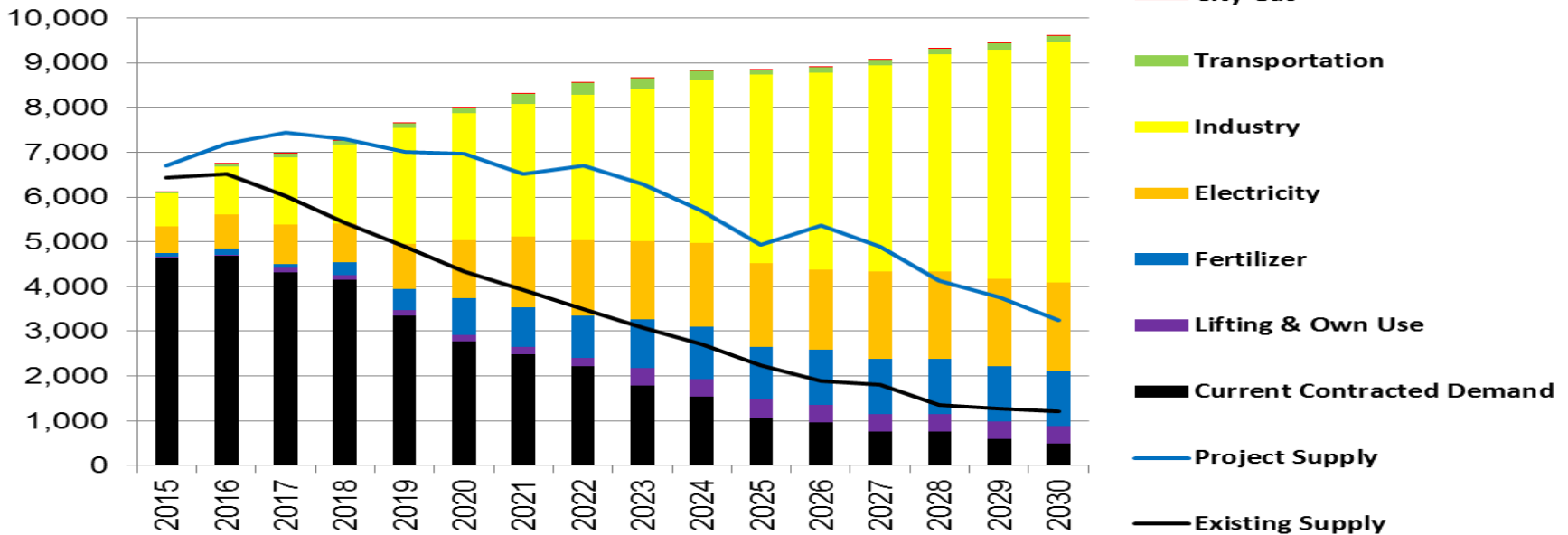
Declining conventional O&G production from domestic supplies

Government support to increase clean energy production

Fantastic investment potential in a fast growing country looking for new investment in its energy industry to meet the needs of its people and its enterprises



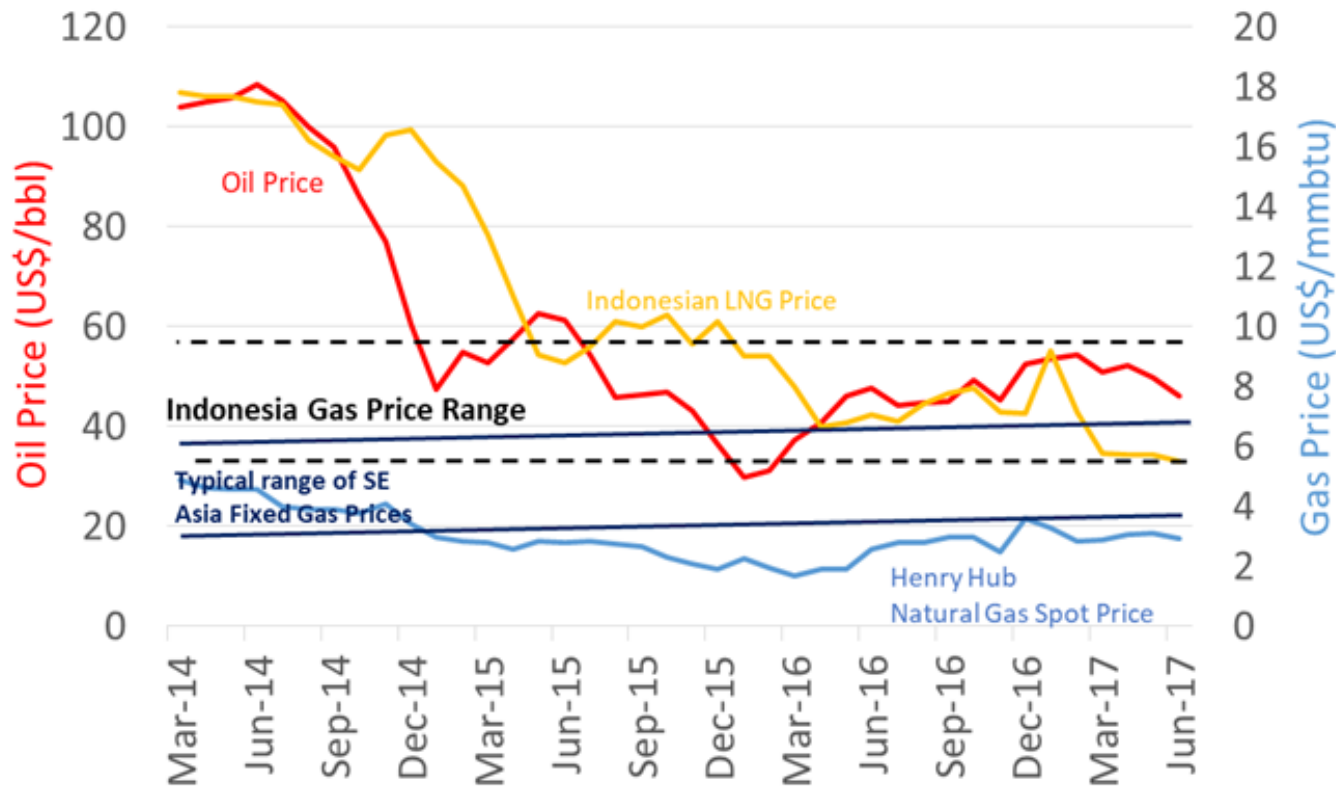
MMSCFD



- Indonesia seeks energy security and has a government agenda to transition to a more low carbon economy
- New conventional fields are very difficult to find and existing fields already have declining production.
- Natural gas production dropped for a sixth year in a row, by 7.4% (-5.3 Bcm) in 2016 (19% lower than 2010) - BP
- Supply shortage in Central and South Sumatera (combined population of 55 million) will be 296 MMSCFD in 2020 rising to 937 MMSCFD in 2030.

Source: Kementerian Energi dan Sumber Daya Mineral – Direktorat Jenderal Minyak dan Gas Bumi – Indonesia - 2014

## Indonesia's Gas Prices - Robust & Attractive



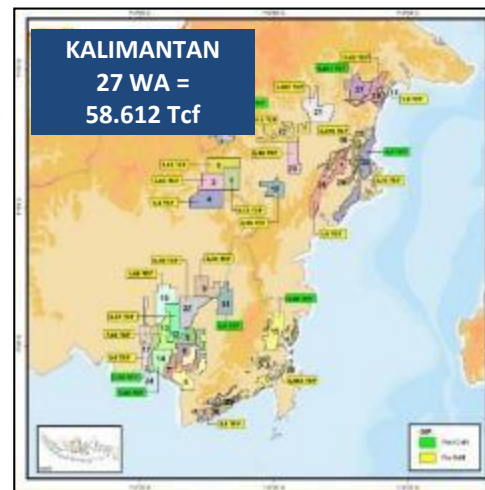
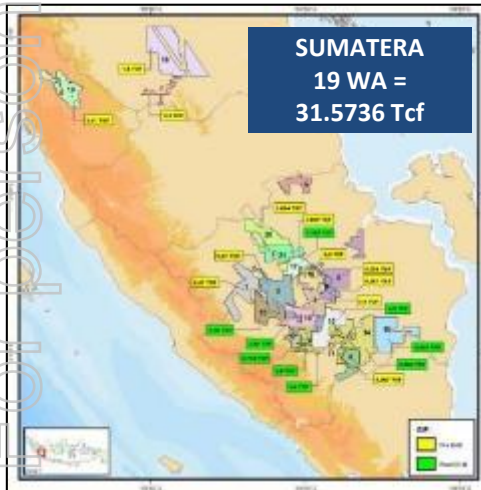
**Gas prices in Indonesia average between US\$6 mmbtu to US\$10 mmbtu**

**Vietnam US\$7 mmbtu**  
**Singapore US\$4 mmbtu**

**Malaysia US\$4 mmbtu**  
**United States US\$2.5 mmbtu**



# Indonesia's Unconventional Gas Resources



- We focus on Coal Bed Methane (CBM), an unconventional gas which is more environmentally friendly than coal as it is a clean-burning fuel and produces approximately 15-50% less GHG emissions.
- **453 TCF:** Resources estimate for all basins
- **90 TCF:** Resource estimate for all working areas
- **Low Drilling Costs:** current drilling costs run at approx. USD0.65M per CBM well. These drilling costs compare favorably to onshore conventional drilling costs in Indonesia of USD10-30M per well. Shale exploration is not expected to start for several years.

Source: SKK Migas (Indonesian Oil & Gas Regulator), Nov 2016

## Government Policy Promotes Unconventional Gas Development & Provides Strong Foundation for our POD Roadmap

- Ministerial Decree 2015 for Unconventional Gas was issued to assist in the development of Indonesia Unconventional Gas Resources (CBM, shale oil, shale gas, tight sand gas and methane hydrate)
- Ministerial Decree 2017 was issued to firm up Government's intention for a flexible type of contract which is better suited for CBM development. The application of Gross Split Contract ("GSC") for new upstream contract replacing the current PSC which allows more flexibilities in term of less stringent process for approval and permits
- Tax regulation and contractor's split improvements are being formulated for the GSC to improve the attractiveness for investors
- We may apply for the GSC through contract amendment to provide a strong foundation for our Plan of Development (POD) Roadmap and to secure opportunity for economic upside

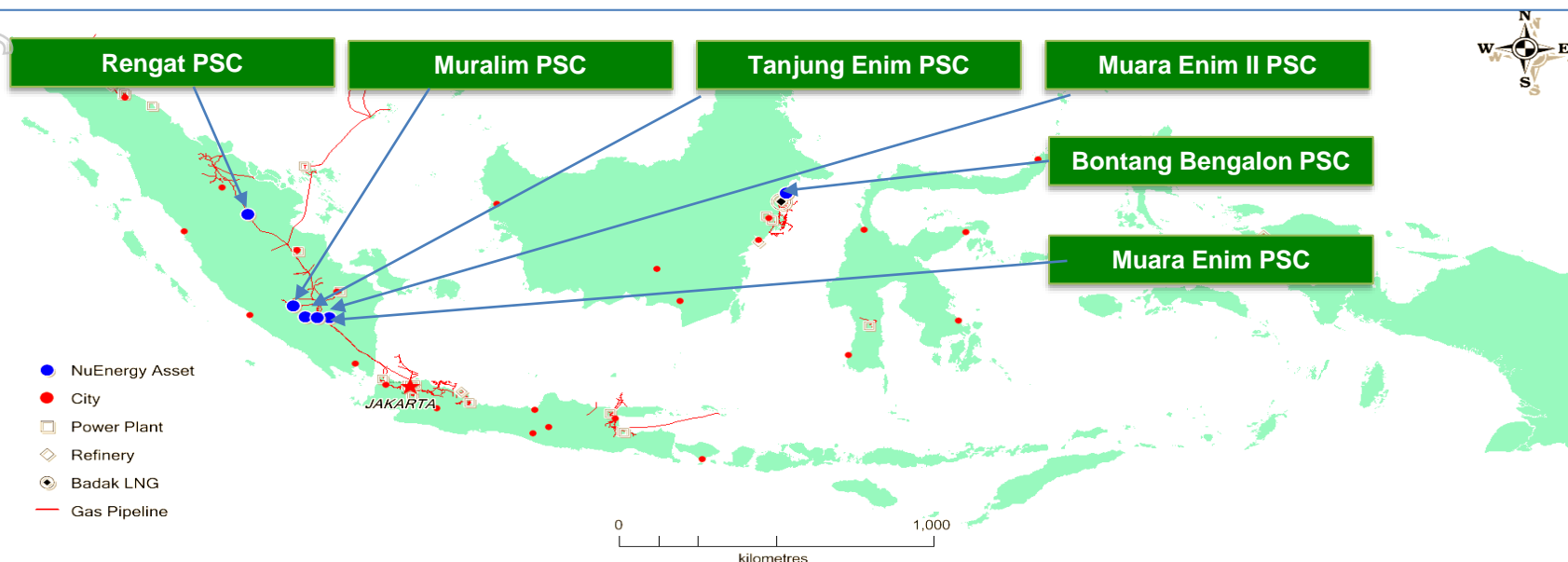
*Improved share  
(revenue/profit) split for  
contractors*

*Removal of rigid regulations  
currently applied under  
conventional oil and gas*

*Opportunity for cost reduction  
from various flexibilities arising  
from the new contract*

- About NuEnergy
- Indonesia's Energy Markets
- **Our Portfolio**
- July 2016 – November 2017 Company Highlights
- 2018 Priorities





Assets / Projects	<ul style="list-style-type: none"> <li>Unconventional Gas (CBM) Assets in South Sumatra, Central Sumatra and East Kalimantan</li> <li>3695 km<sup>2</sup></li> </ul>
Resources / Reserves	<ul style="list-style-type: none"> <li>OGIP: 9,691 BCF</li> <li>1C / 2C / 3C: 75.84 BCF / 109.84 BCF / 193 BCF (net of NuEnergy Gas working interest)</li> <li>Prospective: 2,194 BCF (net of NuEnergy Gas working interest)</li> </ul>
Business & Operations	<ul style="list-style-type: none"> <li>26 wells since August 2009</li> <li>NuEnergy Gas is the operator for all Assets</li> <li>47 personnel; 542 years of overall CBM experience</li> </ul>
Commercial / Development	<ul style="list-style-type: none"> <li>POD preparation approved for Tanjung Enim PSC</li> <li>Integrated development of 4 South Sumatra CBM Assets operated by NuEnergy Gas</li> <li>In the vicinity of existing gas and market infrastructure</li> </ul>

Note - 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.

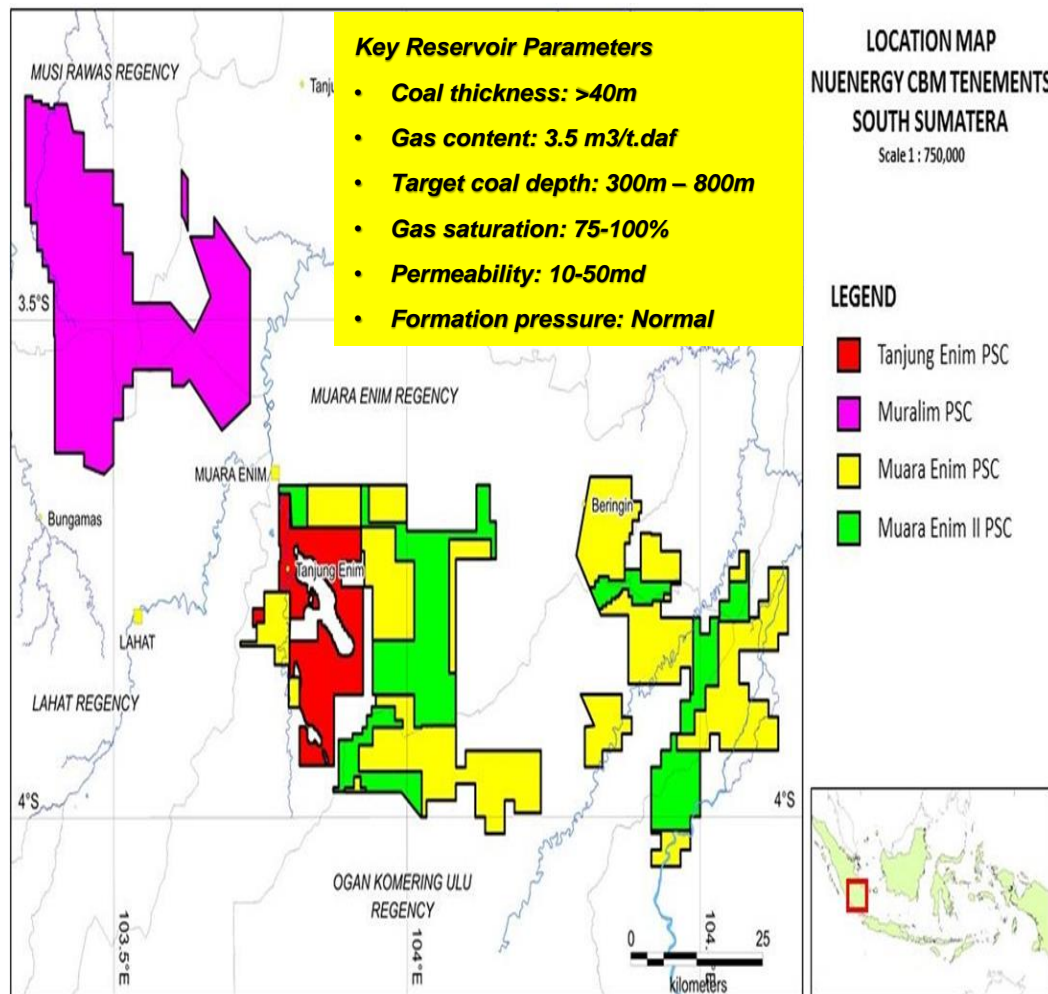
## We hold six onshore PSCs, across South and Central Sumatra and East Kalimantan

- Moving quickly from pre-development to production, monetizing their reserves, delivering shareholder return
- We target shallow deposits so each asset can be developed quickly and at low-cost
- Interests in 4 PSCs, located in the close proximity of Tanjung Enim. South Sumatra is widely known as the emerging play of Indonesia CBM, with its enormous potential of 183 tcf gas initially in place estimates
- Located in a very strategic location, with existing trunklines connecting the region to key markets; and
- The presence of major energy companies and buyers.

Ingredients for successful unconventional gas (CBM) production	NGY Acreage
Known, thick, abundant and laterally continuous coal beds	✓
Indications of favourable reservoir for accumulation and preservation of CBM	✓
Relatively shallow deposits ~ less than 1,000 m	✓
Evidence of fracturing and faulting in coal, correct geothermal gradient	✓
The presence of gas fields producing from coal-bearing rocks	✓

## Key Strategic Focus on South Sumatra

- Total South Sumatra PSCs have a combined acreage of 2,279.5 km<sup>2</sup>
- Unrisked Gross / Net Best Estimate Prospective Resource of 5.8 TCF / 2.2 TCF
- Estimated Gross / Net CBM gas value of US\$41 billion / US\$15 billion.
- Strong Partners – Pertamina, MedcoEnergi, Bukit Asam and Sugico
- Existing cost recovery balance of US\$49 million
- Total of 26 wells drilled in South Sumatra PSCs
- Gas supply shortage in Central and South Sumatra (combined population of 55 million) will be 296 MMSCFD in 2020 rising to 937 MMSFCD in 2030.
- Varied consumer base growing year-on-year and close proximity to each consumer base ensures the securement of competitive long-term gas sales contracts at robust prices for all our production.



**We Are Moving Towards an Integrated and Large Scale Development in South Sumatra**



- About NuEnergy
- Indonesia's Energy Markets
- Our Portfolio
- **July 2016 – November 2017 Company Highlights**
- 2018 Priorities

### Significant Asset Derisking

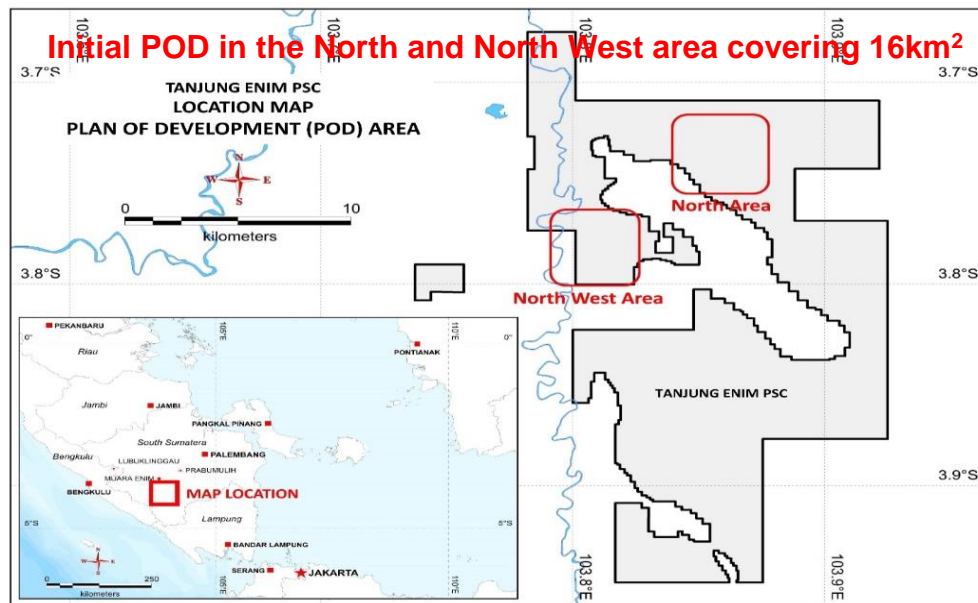
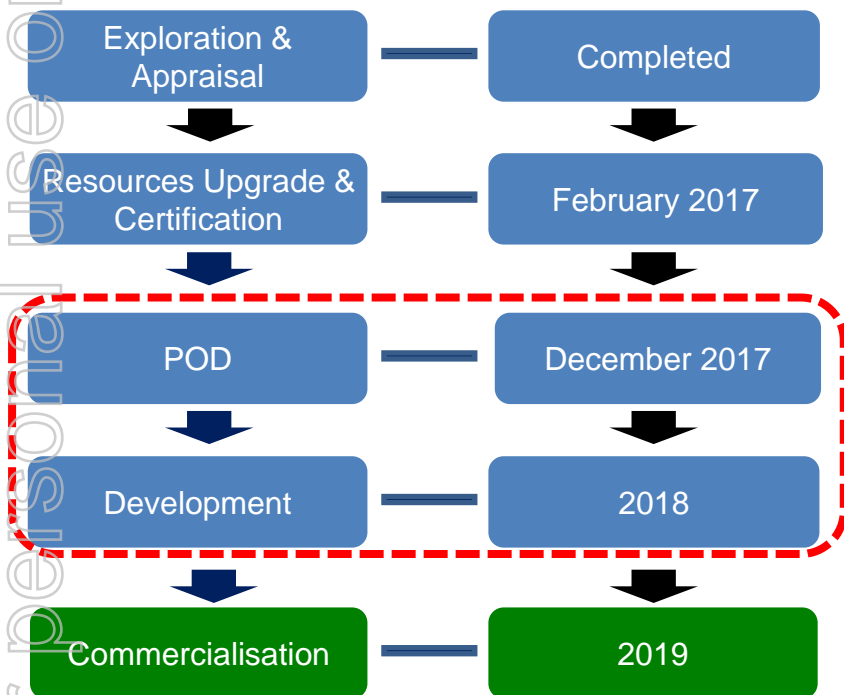
- ❑ Tanjung Enim PSC received Reserves Certification
- ❑ Tanjung Enim PSC received approval for POD preparation
- ❑ Tanjung Enim PSC signed Gas Supply MOU with PT Pertamina Gas
- ❑ Tanjung Enim PSC commenced POD preparation
- ❑ Muralim PSC – drill one well and perform permeability test on two existing wells to fulfill PSC commitments for Exploration Period extension.
- ❑ Muara Enim II PSC – drill three production wells to fulfill PSC commitments for Exploration Period extension.

### Fund Raising

- ❑ Completed capital raising of \$11.5 million in May 2017 through a renounceable rights issue.

# Tanjung Enim PSC Progressing Towards Commercialisation

Tanjung Enim, our first PSC progressing quickly towards commercialisation (revenue generating)

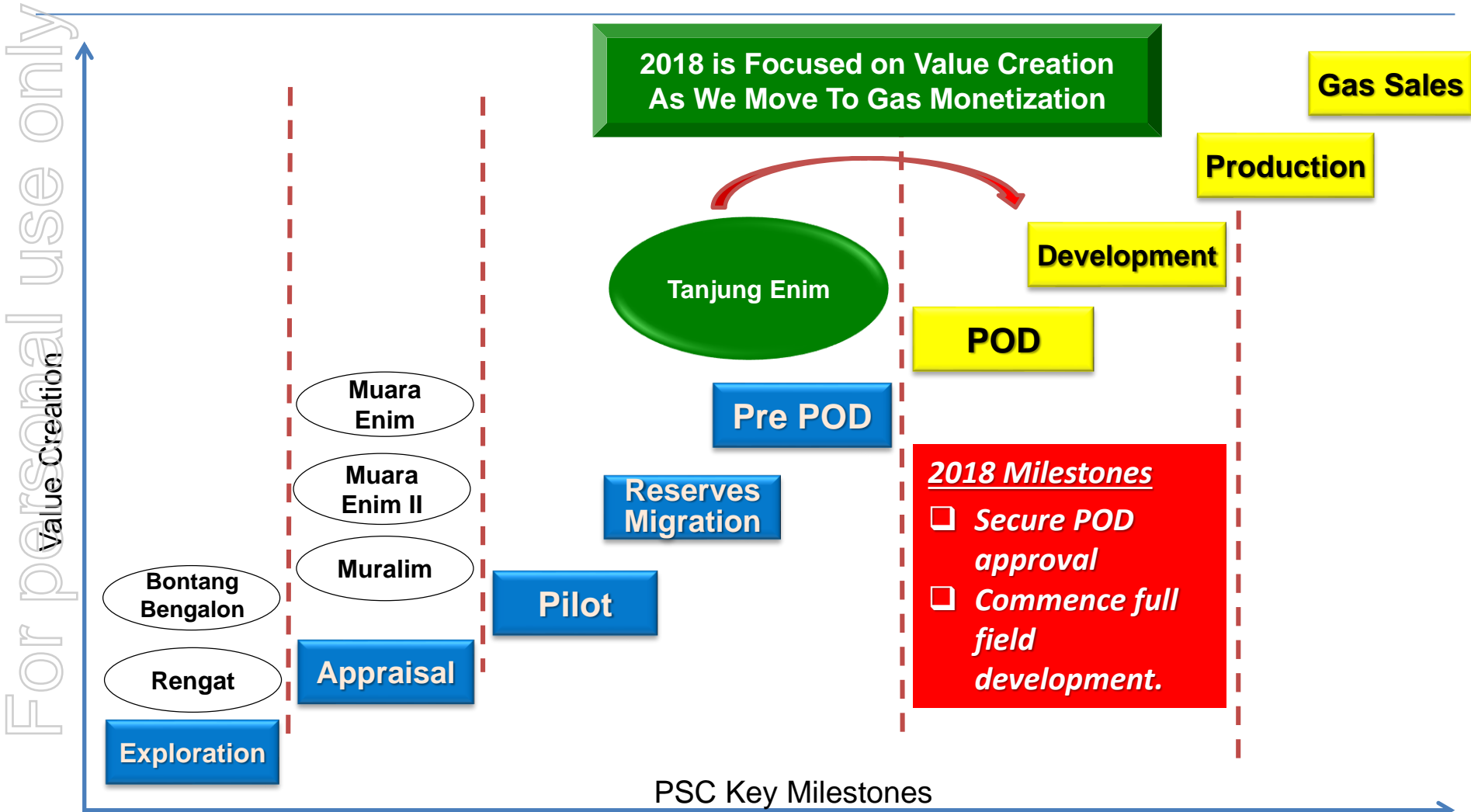


- ☒ Received approval from SKKMigas to prepare & submit POD
- ☒ Gas Supply MOU signed with PT Pertamina Gas
- ☒ POD preparation underway



- About NuEnergy
- Indonesia's Energy Markets
- Our Portfolio
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## Plans for 2018 – Major Milestones Ahead





# Thank You

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