

NuEnergy Gas Limited (ABN 50 009 126 238)
NGY: Listed on Australian Securities Exchange (ASX)



DELIVERING CLEAN
ENERGY TO INDONESIA



Corporate Presentation – September 2017

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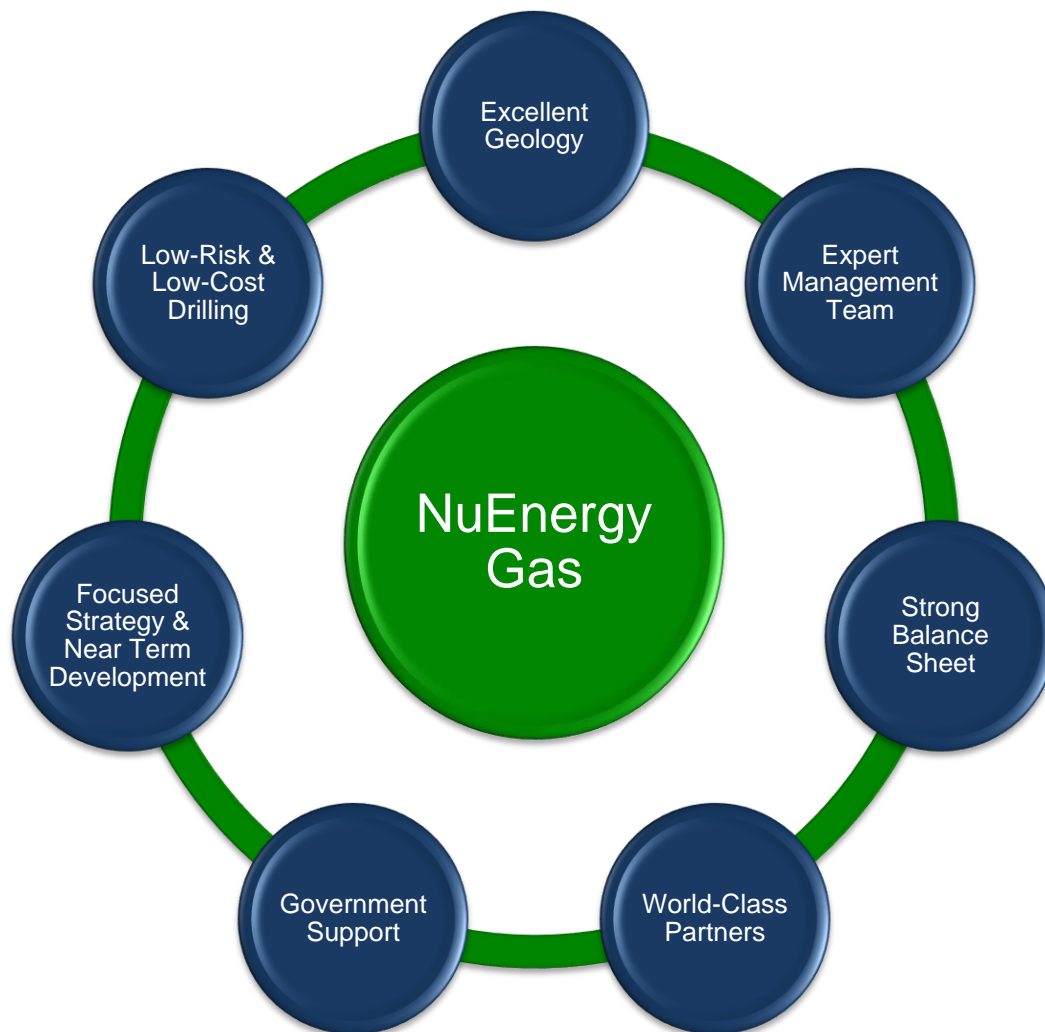
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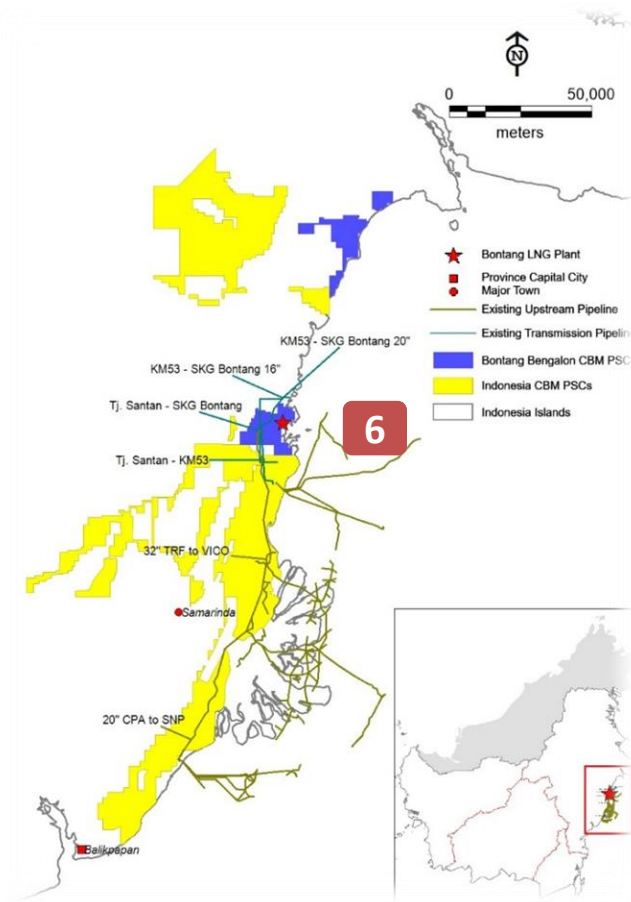
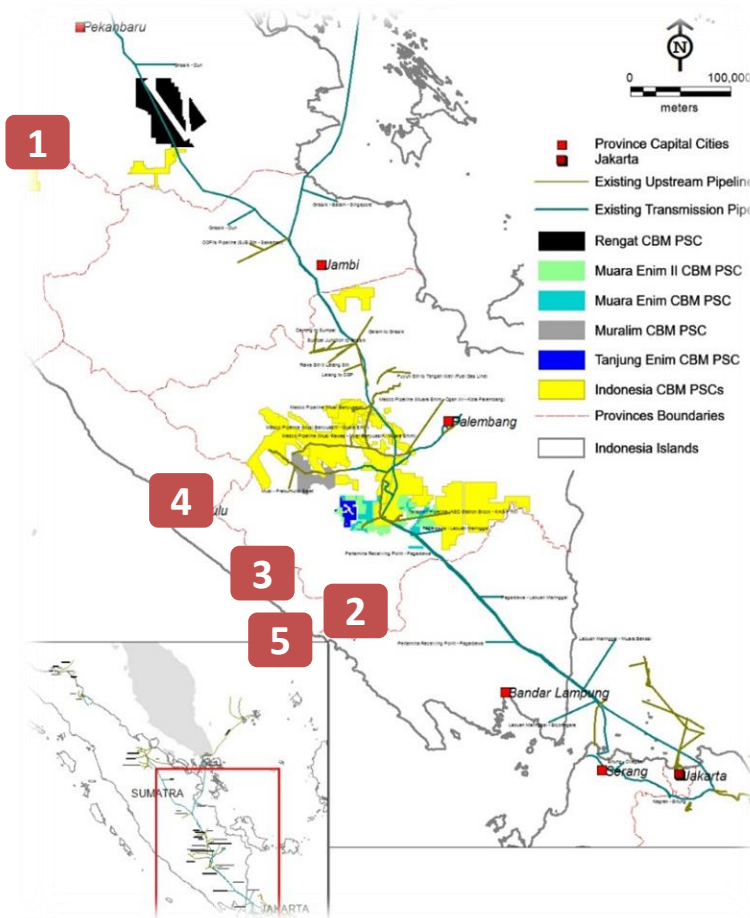
- **Who We Are**
- Indonesia's Energy Markets
- Our Portfolio
- Tanjung Enim PSC Commercialisation
- Why Invest in NuEnergy

- 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 3,600km²
- Proud Partner of the Indonesian Government and Energy Industry

Committed to Delivering Maximum Shareholder Value/Return







Experienced Board and Proven Leadership Team

Leadership Team	Previous Employers			Industry Experience
Kee Yong Wah Deputy Executive Chairman	HALLIBURTON	SPT	SMITH	33 years
Dr. Ian Wang Chief Executive Officer	SINO Gas & Energy 中澳煤层气能源	REKA	Clarke Energy Engineer - Install - Maintain	30 years
Lim Beng Hong Chief Operating Officer	HALLIBURTON	Weatherford®	REKA	30 years
Unggul Setyatmoko Chief Commercial Officer	bp	arrow energy go further	DART ENERGY	30 years
Dr. Victor Zhang Chief Technical Officer	SINOPEC	bp	SINO CHEM	30 years
Jason Chua Chief Financial Officer	Globaltec	AIC	KPMG	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



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Indonesia: A Highly Attractive Investment Destination

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

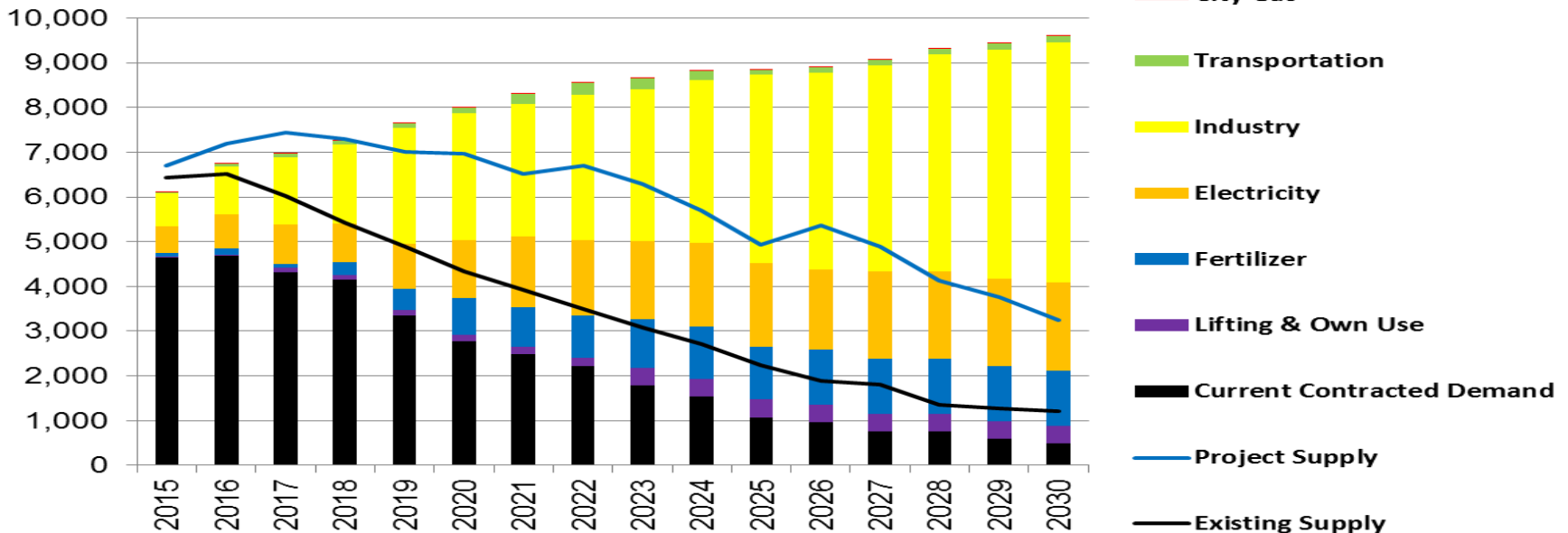
Declining conventional O&G production from domestic supplies

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



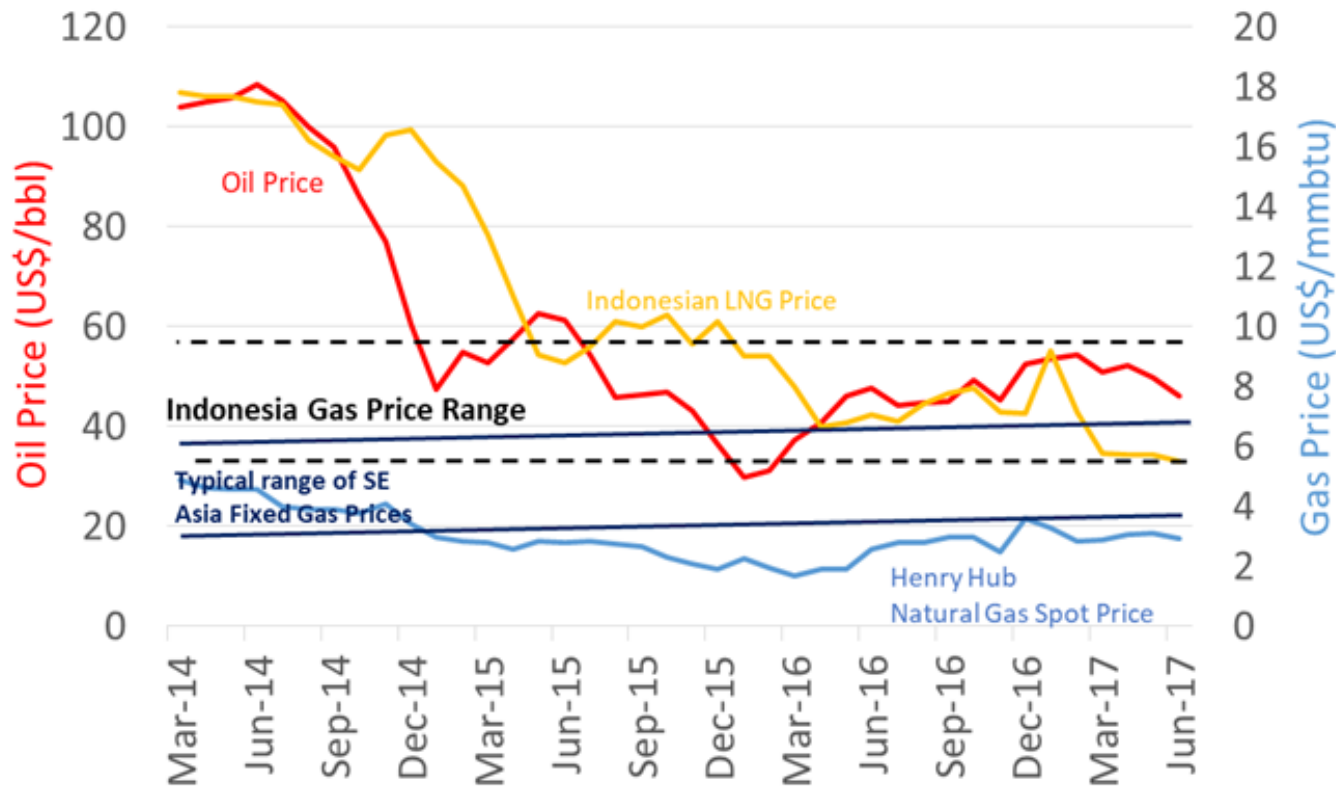
MMSCFD



- 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

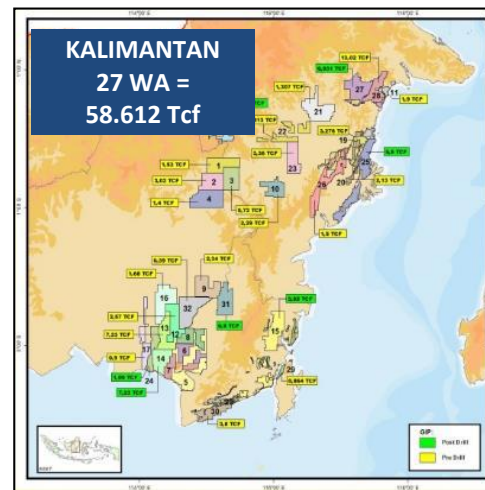
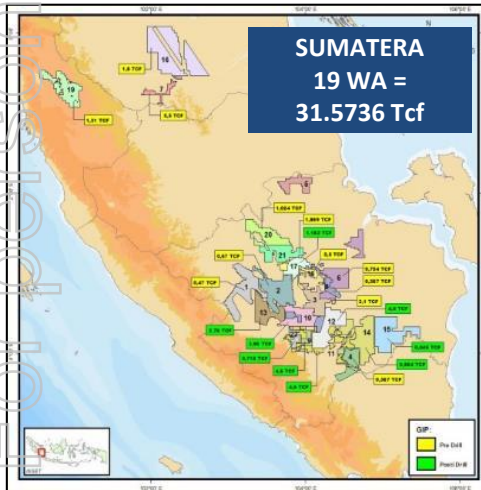
Vietnam US\$7 mmbtu
Singapore US\$4 mmbtu

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 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*

Increasing CBM Investment Across Indonesia

Existing Contractors	Number of PSCs / Working Areas	Total Investment (as of Dec 2016)
Vico	1	~ US\$ 300 Million
Sugico	23	US\$ 322 Million
NuEnergy Gas	6	US\$ 46 Million
Ephindo	7	US\$ 80 Million
ExxonMobil (with Sugico)	2	~ US\$ 180 Million
Santos	2	~ US\$ 50 Million
Total		~ US\$ 978 Million



VICO INDONESIA

SUGICO



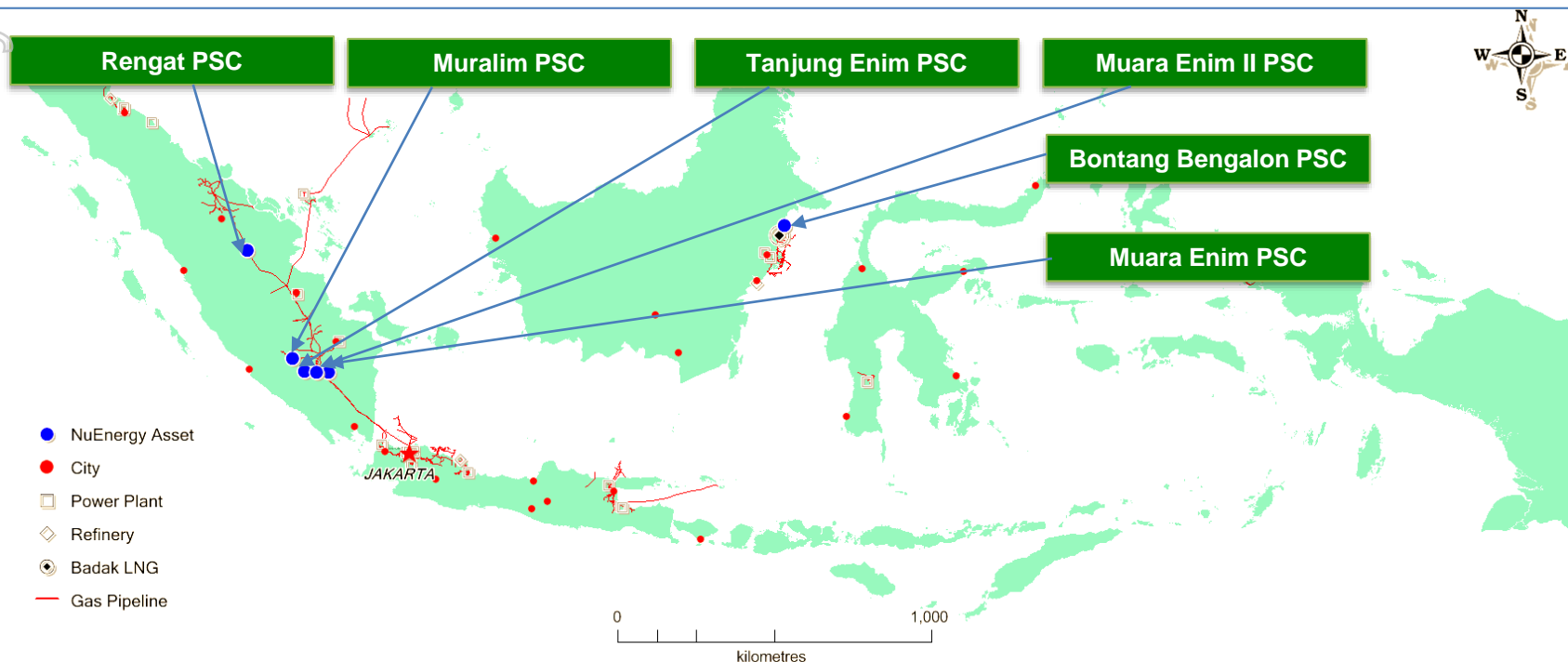
EPHINDO

ExxonMobil

Santos

We are ideally suited with our excellent acreage to be first mover into commercialization and full production by the end of 2018

- Who We Are
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- **Our Portfolio**
- Tanjung Enim PSC Commercialisation
- Why Invest in NuEnergy



Assets / Projects	<ul style="list-style-type: none"> ➤ Unconventional Gas (CBM) Assets in South Sumatra, Central Sumatra and East Kalimantan ➤ 3695 km²
Resources / Reserves	<ul style="list-style-type: none"> ➤ OGIP: 9,691 BCF ➤ 1C / 2C / 3C: 75.84 BCF / 109.84 BCF / 193 BCF (net of NuEnergy Gas working interest) ➤ Prospective: 2,194 BCF (net of NuEnergy Gas working interest)
Business & Operations	<ul style="list-style-type: none"> ➤ 26 wells since August 2009 ➤ NuEnergy Gas is the operator for all Assets ➤ 47 personnel; 542 years of overall CBM experience
Commercial / Development	<ul style="list-style-type: none"> ➤ POD preparation approved for Tanjung Enim PSC ➤ Integrated development of 4 South Sumatra CBM Assets operated by NuEnergy Gas ➤ In the vicinity of existing gas and market infrastructure

Key Strategic Focus on South Sumatra

Total South Sumatra PSCs have a combined acreage of 2,279.5 km²

Unrisked Net Best Estimate Prospective Resource of 2.2 TCF

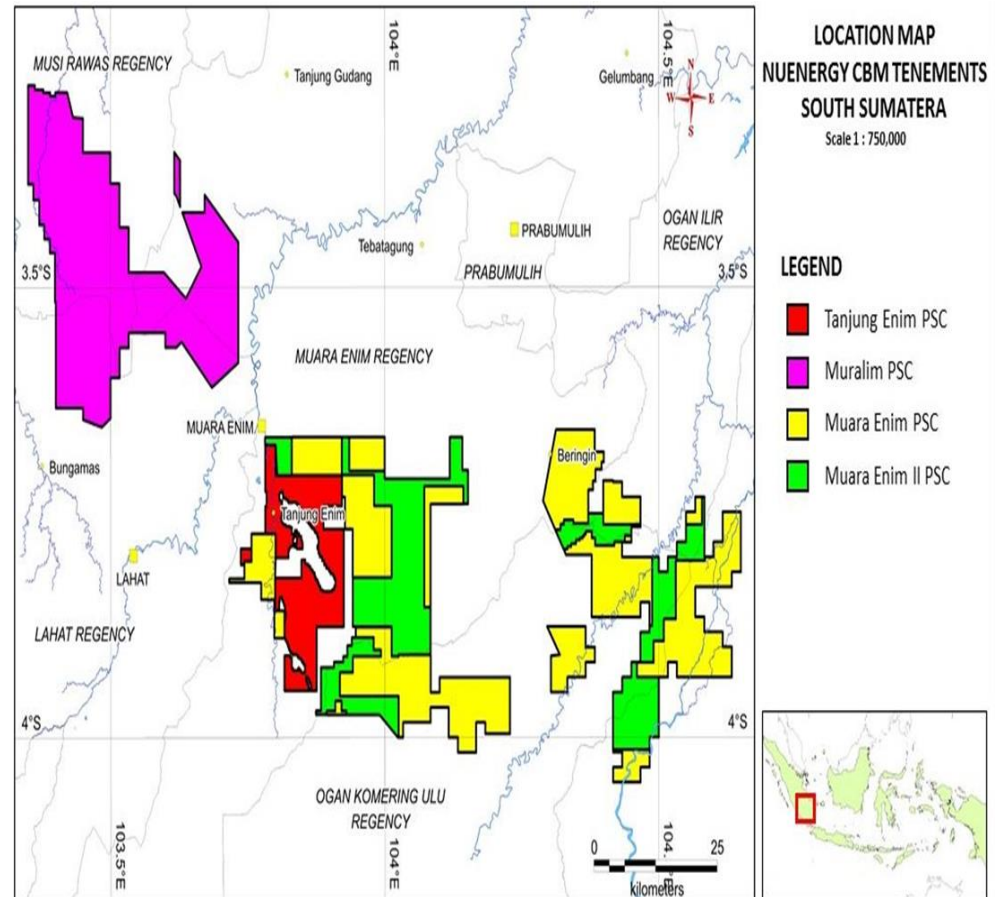
Estimated CBM gas value of US\$15.4 billion (RM66.22 billion)

Strong Partners – Pertamina, MedcoEnergi, Bukit Asam and Sugico

Cost Recovery of US\$44 million (RM189 million)

Total of 22 wells drilled in South Sumatra PSCs

Average coal thickness of 40 to 49 meters from low rank coal seams ranging in depth from 300 meters to 700 meters



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

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	✓

Plans for 2017/2018 – Major Milestones Ahead

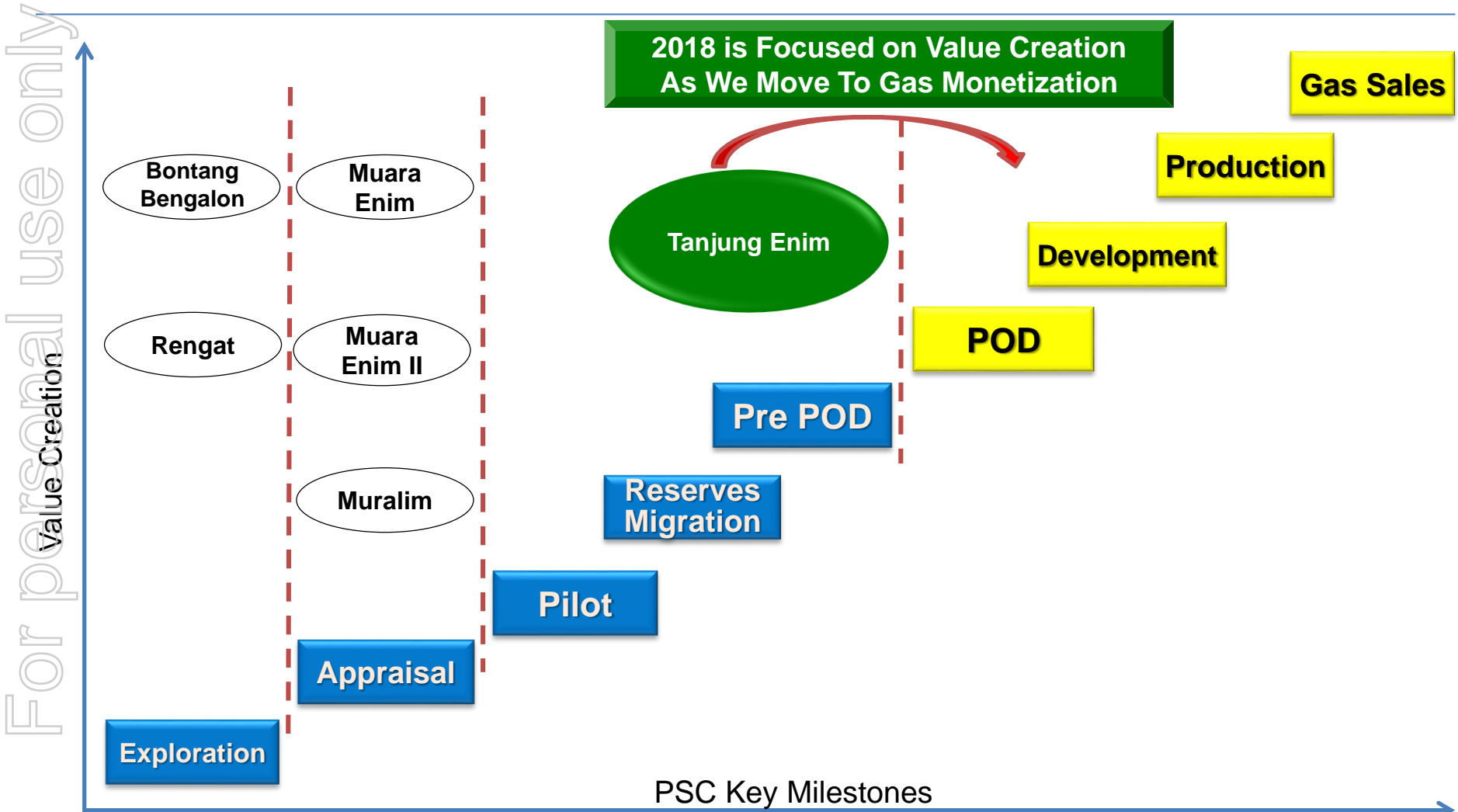
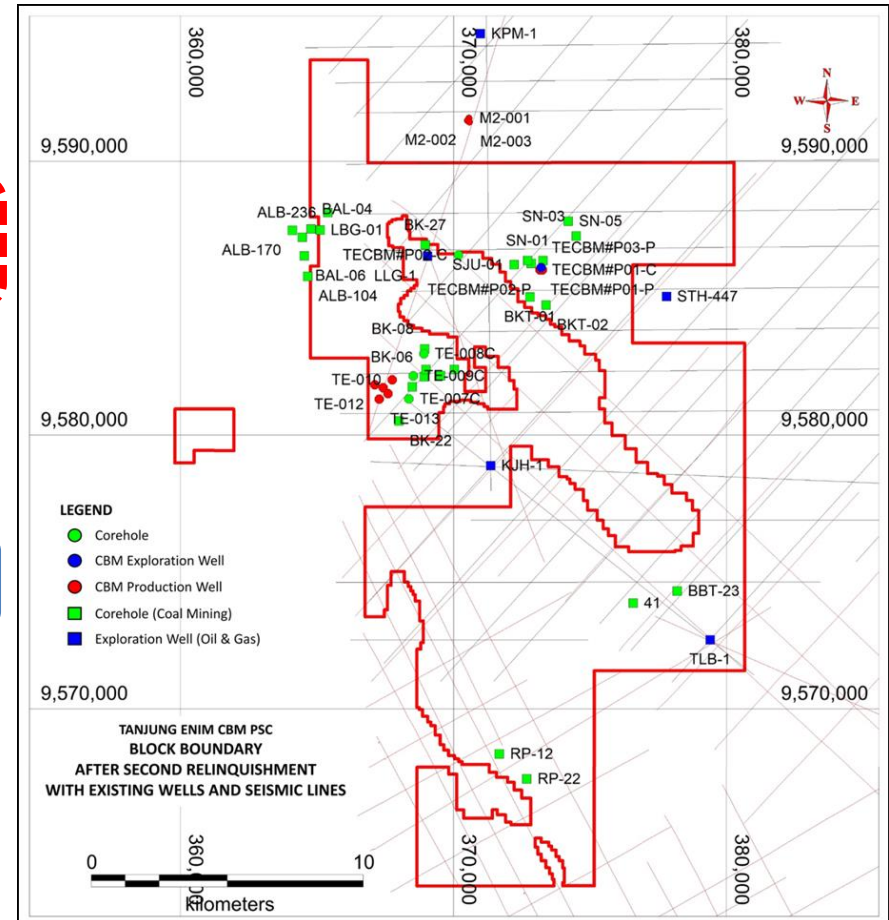
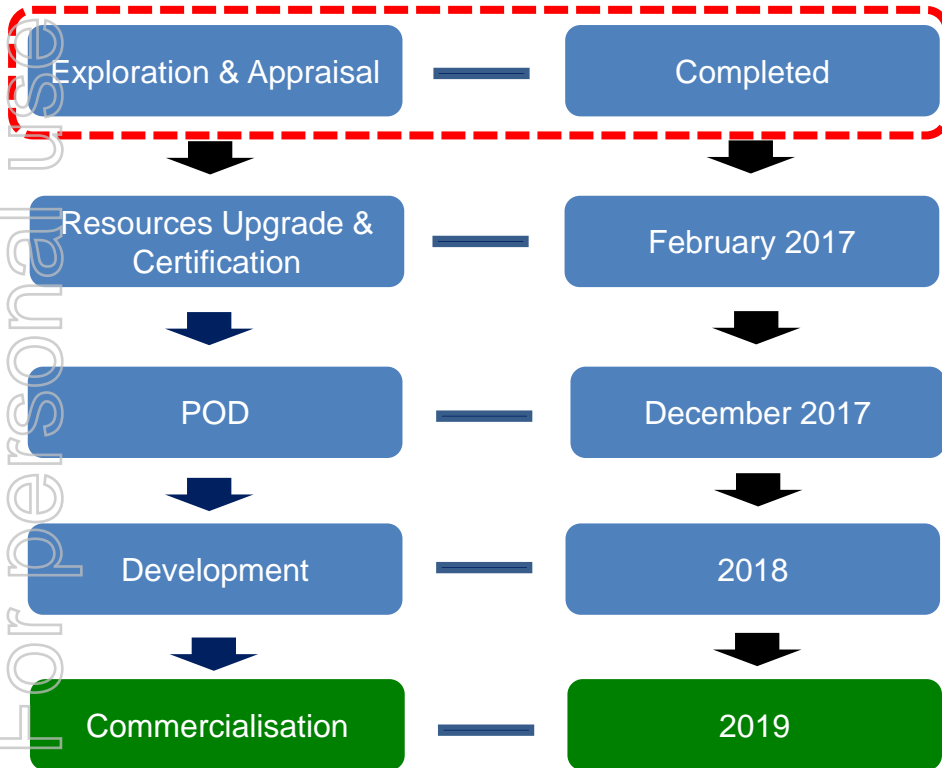


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Tanjung Enim Exploration & Appraisal

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

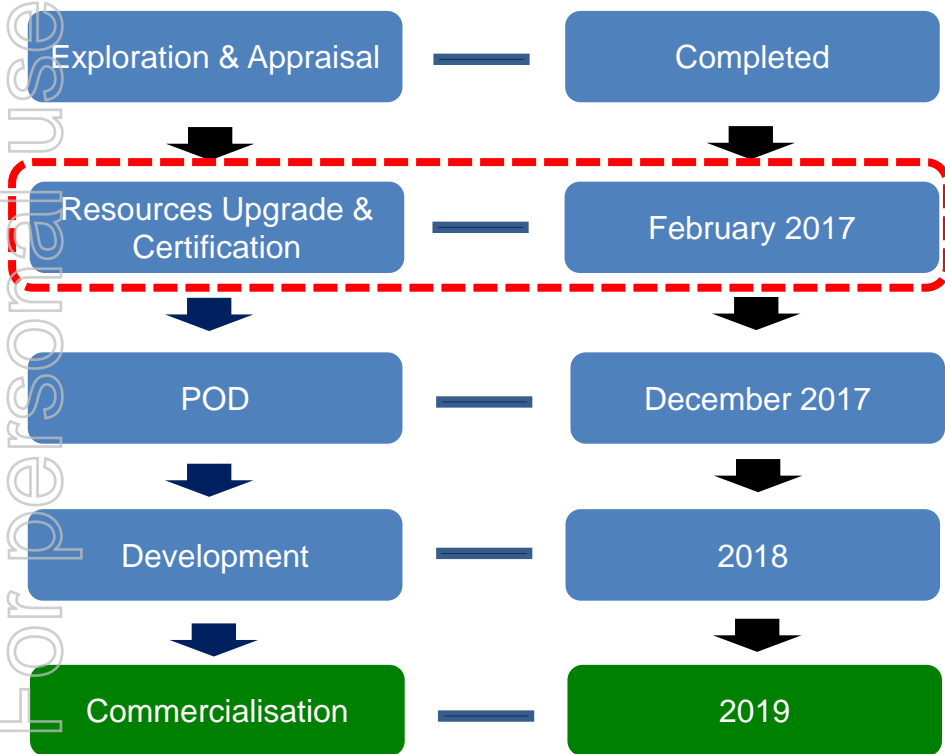


13 Exploration and Appraisal wells have been drilled.

Successful cost optimization & cost discipline → Low cost production.

Tanjung Enim Resources Upgrade & Certification

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



Upgraded our Reserves from Contingent Resources.

Please refer our announcement dated 22 February 2017 for further information.

Tanjung Enim Plan of Development (POD)

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

Exploration & Appraisal

Completed

Resources Upgrade & Certification

February 2017

POD

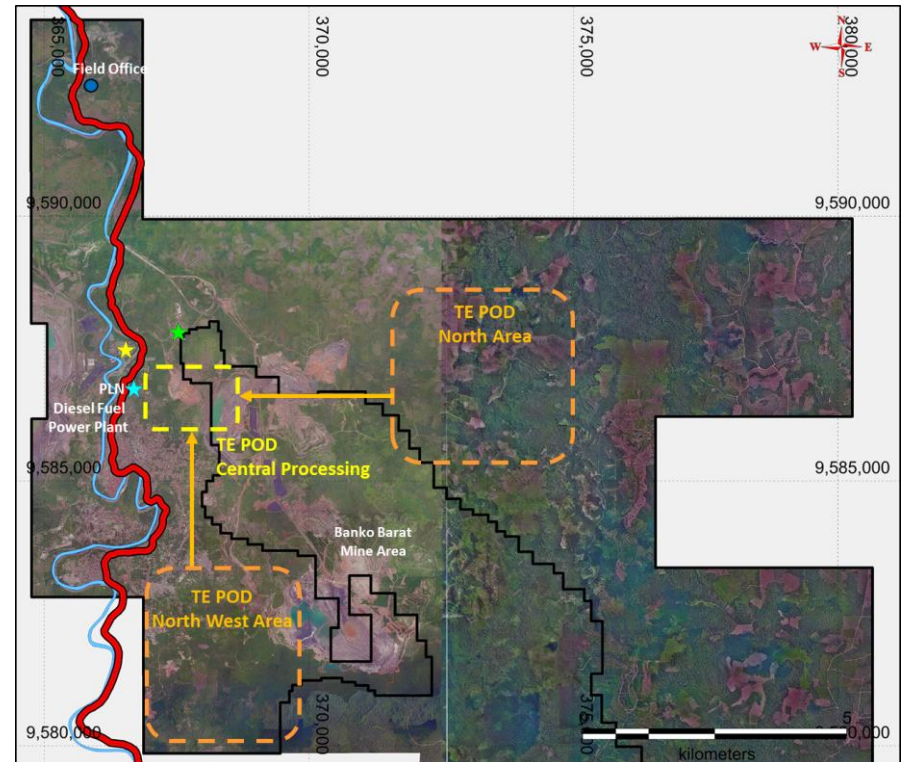
December 2017

Development

2018

Commercialisation

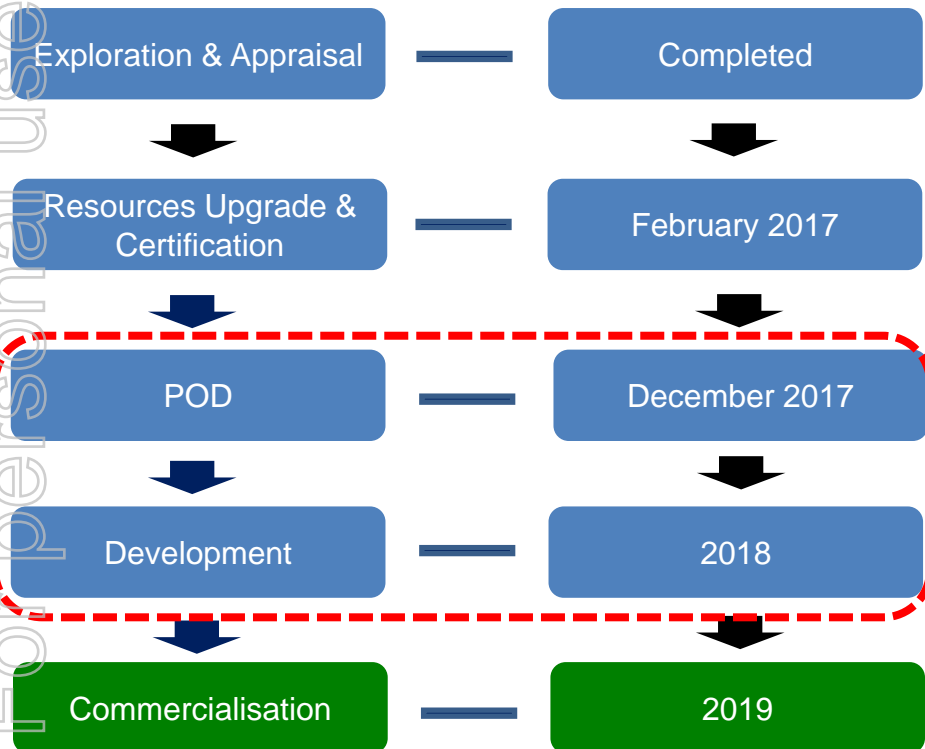
2019



**Initial POD → 100 Wells
(North Area and North West Area)**

Received approval from SKK Migas to prepare and submit POD.
Please refer our announcement dated 3 August 2017 for further information.

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



- Our PSC partners have given their commitments to the POD preparation for the long-term development of the PSC
- The initial POD covers an area of 16km² with 100 wells
- Total CAPEX estimated at US\$82 million

Tanjung Enim Commercialisation Plan & Options

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

Exploration & Appraisal

Completed

Resources Upgrade & Certification

February 2017

POD

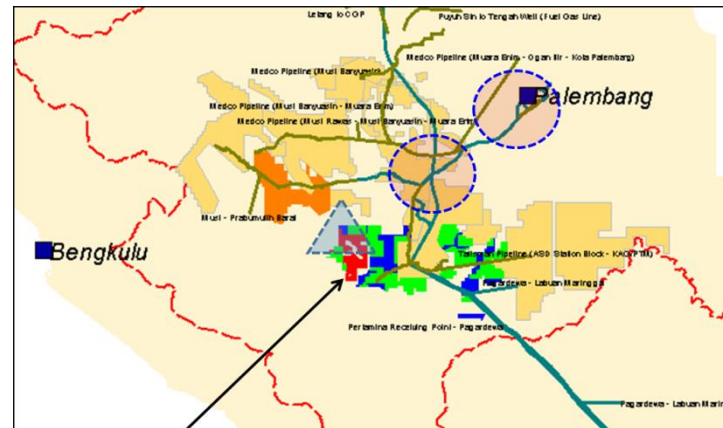
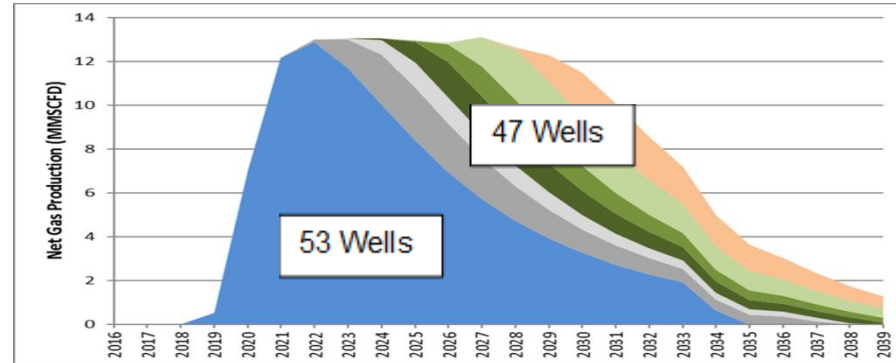
December 2017

Development

2018

Commercialisation

2019



Tanjung Enim PSC & Surrounding Markets

Initial POD sales of 12 MMSCFD for 10 years. Estimated total revenue of ~ **US\$ 430 Million**.

Immediate Focus : Upstream, Midstream, Downstream all - industry chain integration development

- Market Driven
- Value Optimization
- Fast Implementation

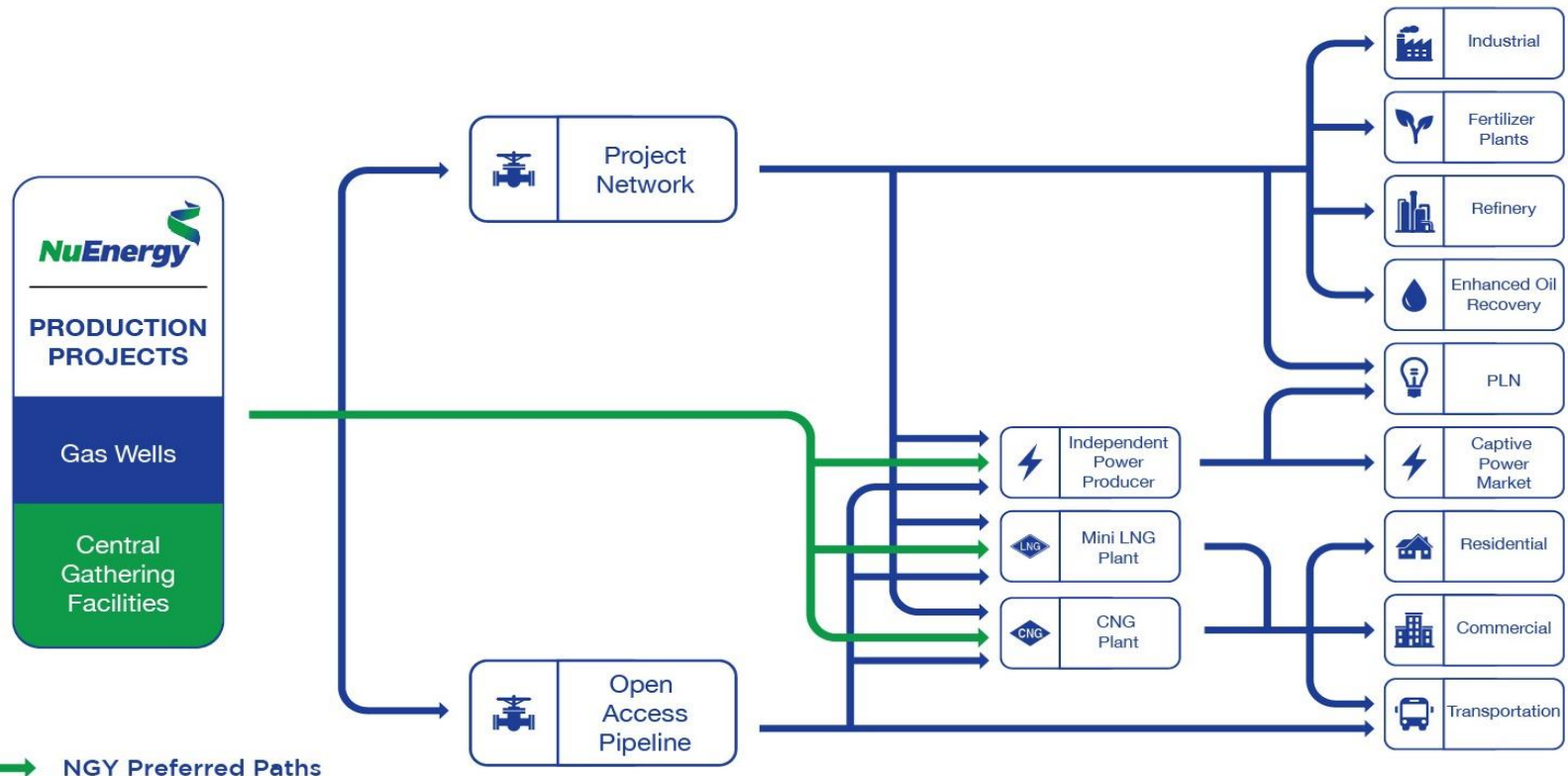



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- **Why Invest in NuEnergy**

Summary - Why Invest in NuEnergy Gas?

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- A vertical stack of five downward-pointing chevrons, each in a different shade of blue, ranging from light blue at the top to dark blue at the bottom. Each chevron is positioned to the left of a corresponding bullet point.
- **Recognised Partner of Choice in a Country with Attractive Gas Prices, Growing Gas Demand and Government Support**
 - **Exciting Acreage with Excellent Subsurface, Qualified Reserves, Existing Gas Content and Low-Cost Drilling**
 - **Strong Balance Sheet with Committed and Supportive Shareholders**
 - **Proven Management Team, Operators of All Our PSCs, Alongside World Class Joint Venture Partners**
 - **Multiple Commercialisation Options to Quickly and Sustainably Generate Shareholder Value and Return**

Please contact us for more information:

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+62 21 2986 6161**

Thank you for your time.

We look forward to answering your questions.