

# KrisEnergy Ltd. Corporate Presentation

May 2016





## I. Business Overview



# KrisEnergy – A Fast Growth E&P Company

## Our Business



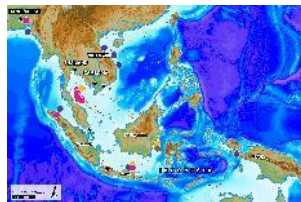
- **Established in 2009**, our vision is to become the leading upstream oil and gas E&P company in Asia
- Focus on balance between oil and gas resources, reserves and production
- Shareholders: **Keppel Corp** 40%; **First Reserve** 38%; publicly held 22%

## Our Team



- Highly experienced (20+ years) management and technical team with proven track record for value creation through organic growth and acquisitions
- Fully staffed, independent offices in **Dhaka, Phnom Penh, Bangkok, Ho Chi Min City, Jakarta** and **Singapore**

## Our Portfolio



- Diverse portfolio across the E&P life cycle balancing positive cash flow with significant exploration potential
- 19 contract areas in Bangladesh, Cambodia, Indonesia, Thailand and Vietnam
- Operator of 13 blocks
- Multiple exploration prospects and leads in all contract areas
- As at 31 Dec 2015  
2P<sup>1</sup>: **105.9 mmboe**  
2C<sup>1</sup>: **109.4 mmboe**

## Our Operations



- 5 producing assets
- Average 1Q2016 WI production **19,014 boepd**
- First oil at **Nong Yao G11/48** on 17 June 2015; and first oil at **Wassana G10/48** on 14 Aug 2015
- Developments ongoing for **G6/48 and Cambodia Block A** oil fields, and **Lengo** and **Block A Aceh** gas projects

## Our Financials



- 1Q2016 revenue **US\$33.1 mm**, EBITDAX **US\$19.7 mm**
- 1Q2016 lifting costs **US\$10.18/boe**
- Total assets **US\$ 1.0 bln**; **gearing 44.0%**
- **US\$111.0 mm** RCF extended to March 2017; **US\$55.0 mm** repayment by 31 July 2016
- Minimum **US\$100 mm** to be raised by end June 2016 and **US\$50 mm** by end November 2016

<sup>1</sup> Netherland, Sewell & Associates, Inc. ("NSAI")

# Our Portfolio

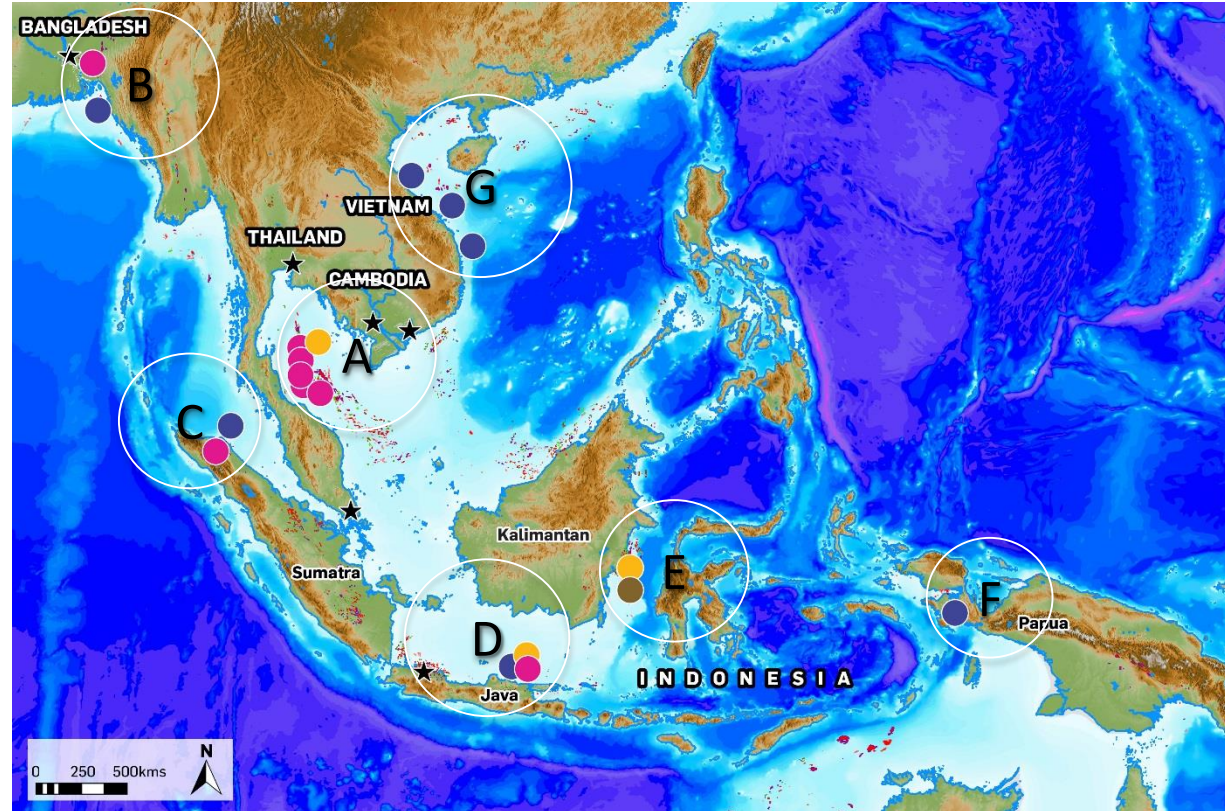
Rigorously selected assets based on in-depth knowledge of geology and complexities of regional basins

A. Gulf of Thailand	
B8/32 & B9A	4.6345%
G6/48	30% (Op)
G10/48	89% (Op)
G11/48	22.5%
Cambodia Block A	52.25% <sup>1</sup> (Op)

B. Bangladesh	
Block 9	30% (Op)
SS-11	45%

C. Sumatra	
East Seruway	100% (Op)
Block A Aceh	41.6666%

D. Offshore East Java	
Bulu	42.5% (Op)
East Muriah	50% (Op)
Sakti	95% (Op)



- Production and near production
- Development pending
- Discovery requiring appraisal
- Exploration
- ★ KrisEnergy Office

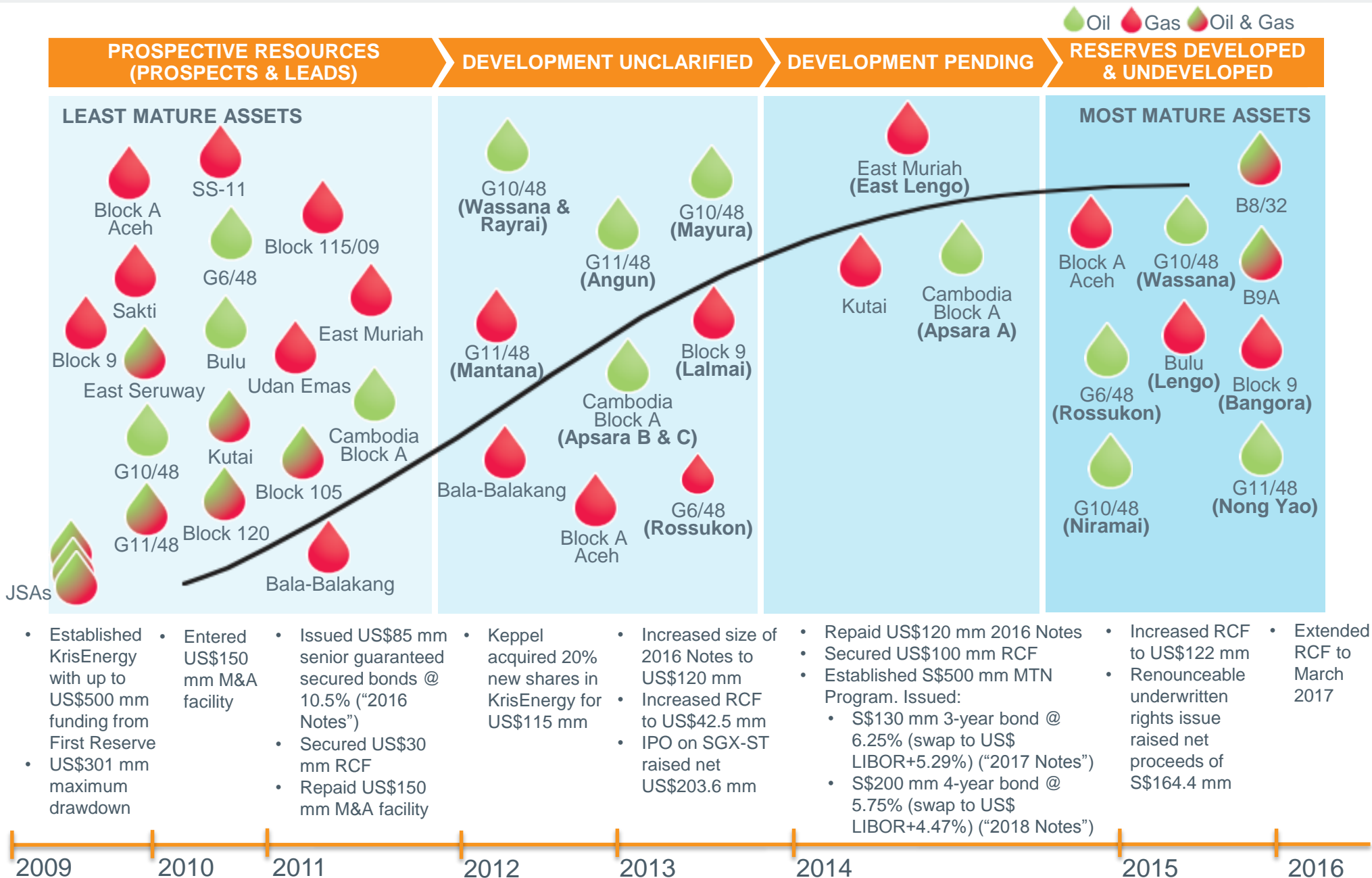
E. Makassar Strait	
Kutai	54.6% (Op)
Bala-Balakang	85% (Op)

F. Onshore West Papua	
Udan Emas	100% (Op)

G. Offshore Vietnam	
Block 105-110/04 ("Block 105")	51% (Op)
Block 120	33.33%
Block 115/09	100% (Op)

<sup>1</sup> After a 5% transfer of working interest to the Cambodian Ministry of Mines and Energy ("MME")

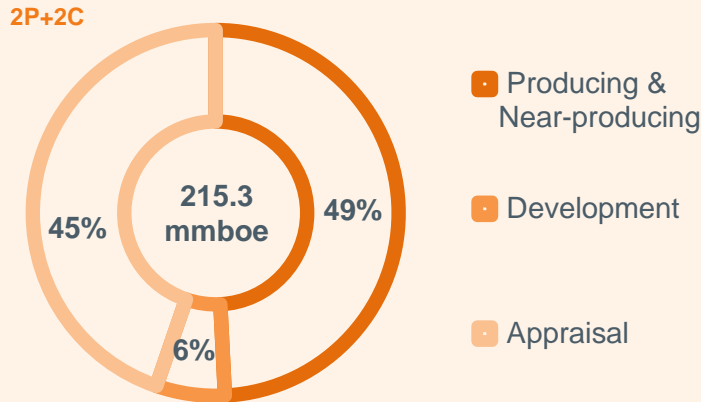
# Portfolio Building Across the E&P Life Cycle



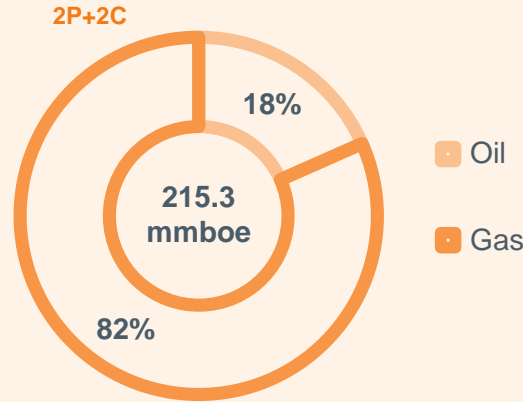
# Balanced Portfolio of Assets

Portfolio includes assets under various fiscal, regulatory and legal regimes and in at each stage of the E&P life cycle to provide balance between cash-flow generating producing assets and growth through development, appraisal and exploration

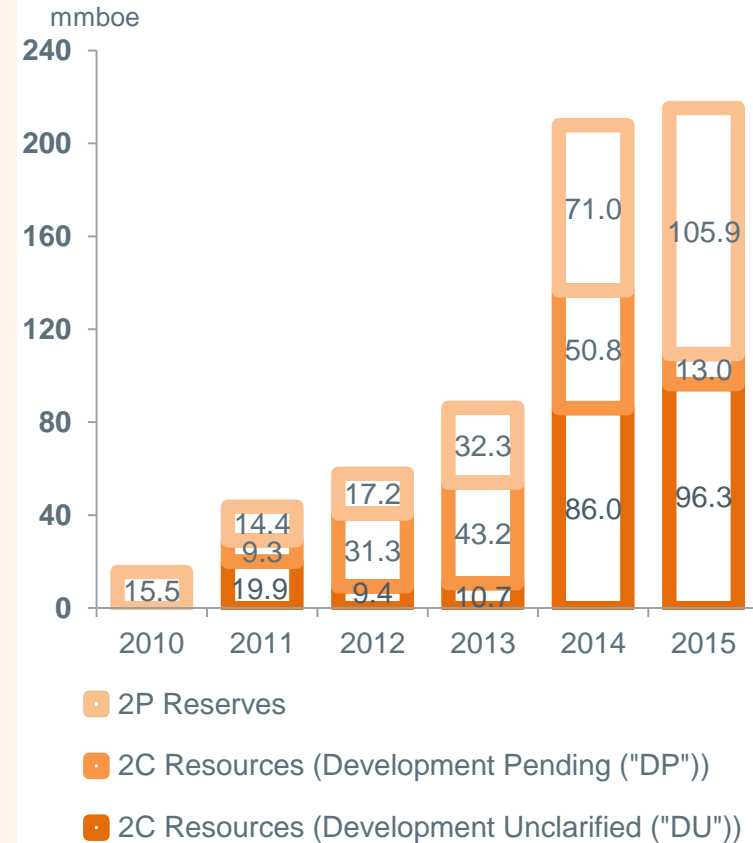
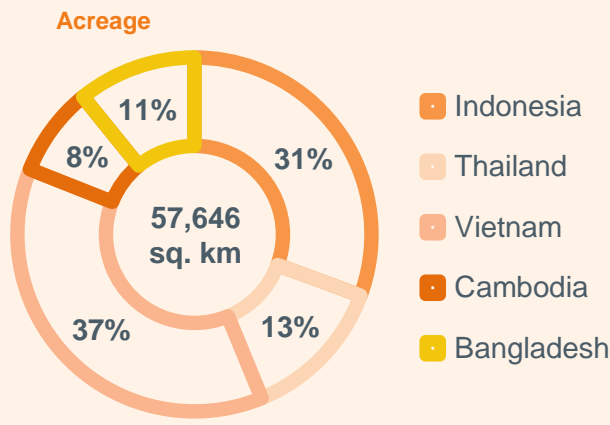
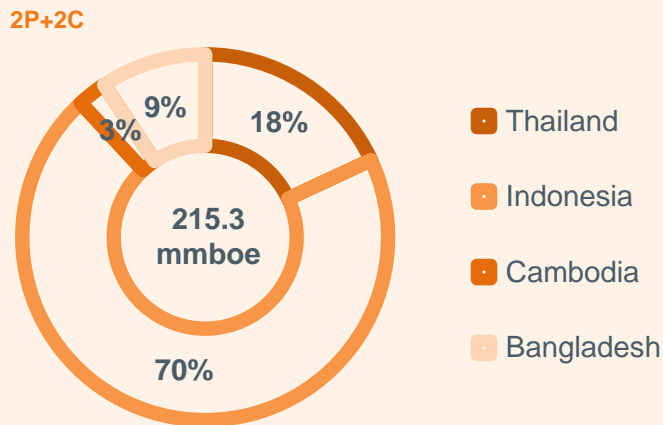
## Portfolio spans E&P life cycle...



## ... oil/gas split



## ... and fiscal, regulatory and legal regimes...

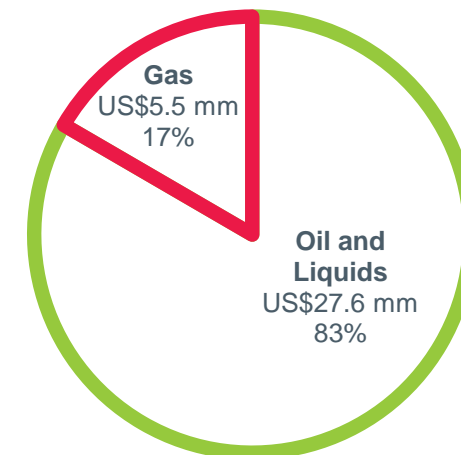


All 2P reserves and 2C resources figures are NSAI estimates each year as at 31 December

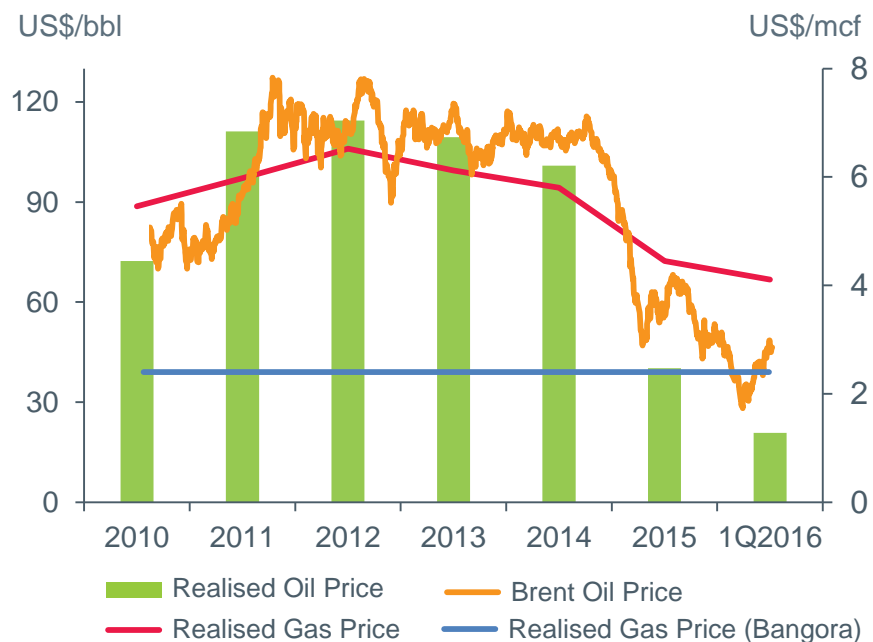
# Financial Summary – Focus on IRR & NPV

	2012	2013	2014	2015	1Q2016
<b>Production Volumes (boepd)</b>	<b>3,384</b>	<b>2,916</b>	<b>7,612</b>	<b>9,692</b>	<b>19,014</b>
<i>Oil and liquids (bopd)</i>	1,679	1,366	1,396	3,492	12,796
<i>Gas (mmcf)</i>	10.2	9.3	37.3	37.2	37.3
<b>Revenue (US\$ mm)</b>	<b>89.6</b>	<b>69.1</b>	<b>74.9</b>	<b>60.2</b>	<b>33.1</b>
<b>EBITDAX (US\$ mm)</b>	<b>47.6</b>	<b>28.2</b>	<b>30.5</b>	<b>37.2</b>	<b>19.7</b>
<b>Avg. lifting costs (US\$/boe)</b>	<b>15.13</b>	<b>15.14</b>	<b>6.91</b>	<b>8.49</b>	<b>10.18</b>

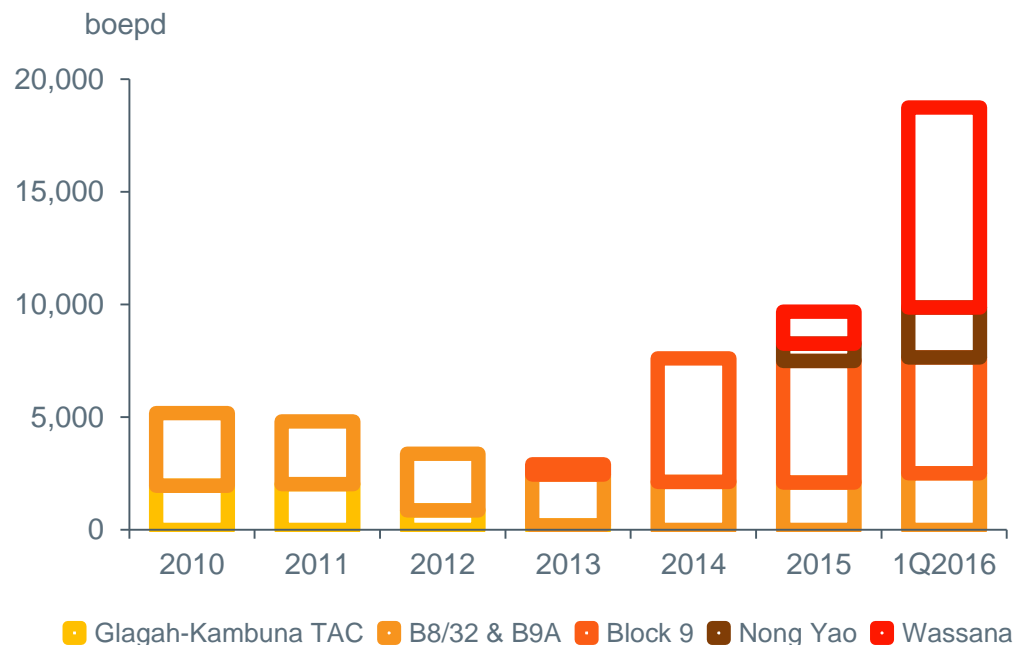
1Q2016 Revenue Breakdown



Realised Oil and Gas Prices vs Brent



Production Profile



# Financial Position – Balance Sheet Optimisation

## Liquidity (US\$ mm)

Unaudited as at 31 March 2016

Cash and bank balances	65.2
Less: PSC bank guarantee	8.4
Add: Undrawn RCF <sup>1</sup>	2.6
<b>Unused sources of liquidity</b>	<b>59.4</b>

## Capitalisation (US\$ mm)

Unaudited as at 31 March 2016

Cash and bank balances	65.2
<b>Debt</b>	<b>345.2</b>
2014 RCF	100.0
2017 Notes	95.6 <sup>2</sup>
2018 Notes	149.6 <sup>2</sup>
<b>Equity</b>	<b>474.1</b>
<b>Total capitalisation</b>	<b>819.3</b>

## Debt facilities as at 31 March 2016

### S\$200 mm 5.75% unsecured 4-year fixed rate note

- Issued at par on 22 August 2014 due 2018

### S\$130 mm 6.25% unsecured 3-year fixed rate note

- Issued at par on 9 June 2014 due 2017
- First oil and gas E&P company to execute a S\$ high-yield bond

### US\$111.0 mm RCF

- Extended to March 2017 with a requirement to repay US\$55.0 mm by 31 July 2016

Net debt position<sup>3</sup>: US\$280.0 mm

Net tangible assets<sup>3</sup>: US\$441.0 mm

Gearing ratio<sup>3,4</sup>: 44.0%

<sup>1</sup> We utilised US\$108.4 mm of the RCF, US\$1.0 mm of which is secured against facility guarantees as at 31 March 2016

<sup>2</sup> Net of hedge revaluation

<sup>3</sup> Unaudited as at 31 March 2016

<sup>4</sup> Total debt to debt-to-equity gearing ratio as at 31 March 2016



# Capital Expenditure (US\$ million)

CAPEX by Country (Net to KrisEnergy)	2015 CAPEX Budget	Actual 2015 CAPEX	2016 CAPEX Budget
<b>CAPEX for non-producing assets</b>	<b>68.9</b>	<b>59.5</b>	<b>24.8</b>
Bangladesh	2.0	2.1	0.4
Cambodia	4.9	2.0	1.8
Indonesia	51.5	46.0	14.6
Thailand	8.4	7.2	2.6
Vietnam	1.3	2.7	5.5
Other new ventures	0.8	0.0	0.0
<b>CAPEX for producing assets</b>	<b>176.7</b>	<b>165.2</b>	<b>26.0</b>
Bangladesh	5.4	1.5	7.9
Thailand <sup>1</sup>	171.3	163.7	18.0
<b>TOTAL CAPEX</b>	<b>245.6</b>	<b>224.7</b>	<b>50.8</b>

*Note: Excludes exploration expenses (such as dry hole costs, impairment and expenses relating to joint study agreements) and corporate general and administrative purposes. Our actual work program for 2016 may differ significantly from our provisional work program as set out above due to various factors, including but not limited to, changes in political, legislative and regulatory environment in countries where we have a presence, which may result in delays in obtaining governmental and regulatory approvals and availability of third-party services, equipment and materials*

<sup>1</sup> G10/48 and G11/48 were reclassified to producing assets following first production at the Wassana and Nong Yao fields, respectively, in 2015



## II. Operations

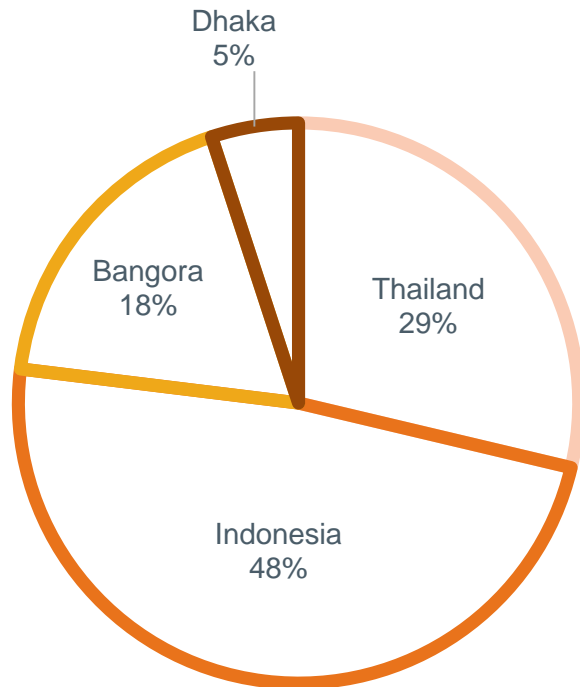


# Environment, Health, Safety & Security (“EHSS”)

A strong EHSS culture is essential to long-term shareholder value given inherent risks of E&P operations

## Man Hours (KrisEnergy-operated assets)

KrisEnergy group achieved approximately 3.4 million man-hours in 2015



- Fully established Environmental, Health and Safety Management System
- Training undertaken for IMO accredited Tier 3 Oil Spill Response
- Group-wide training for OPITO-accredited Management of Major Emergencies



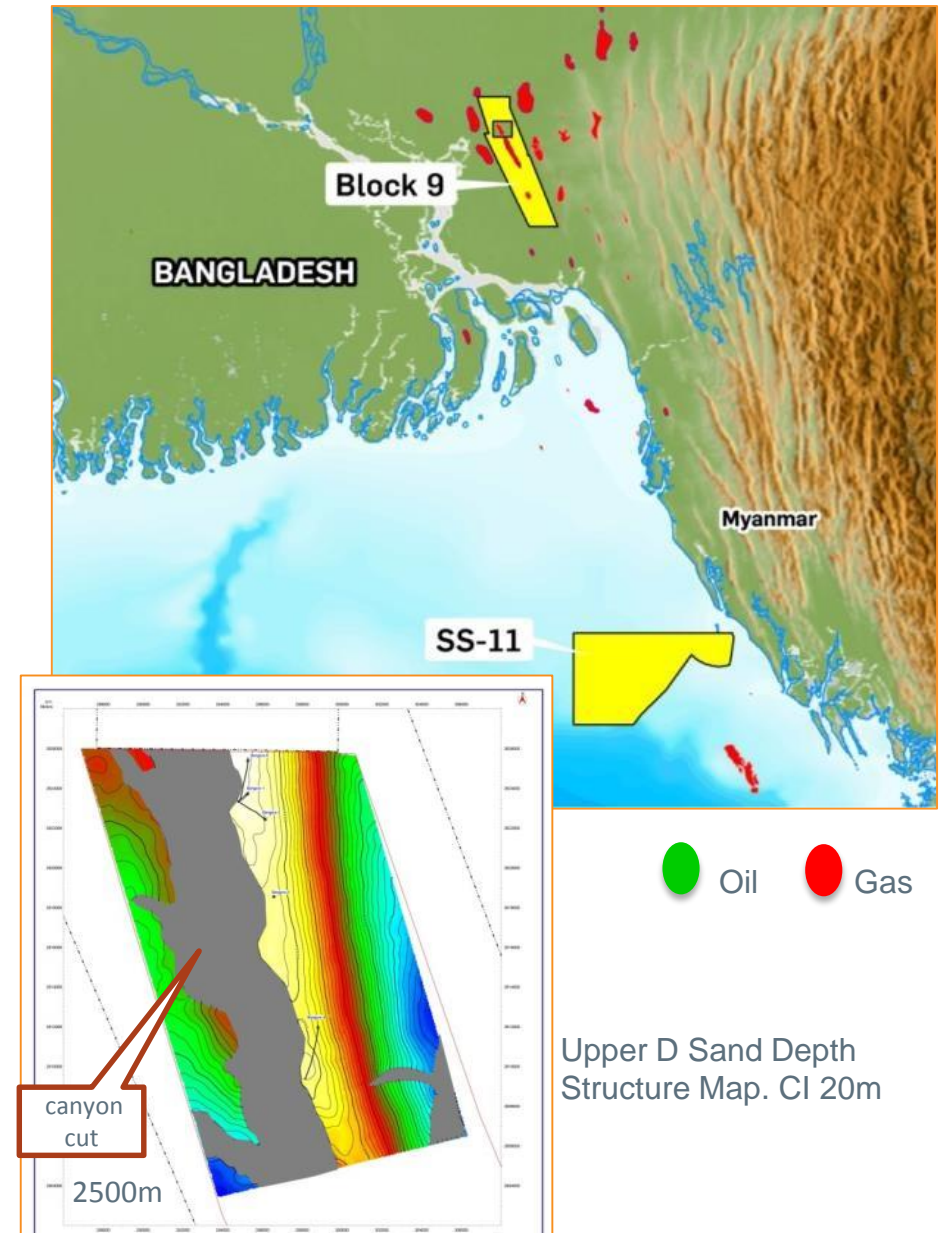
- Singapore office renewed both OHSAS 18001 and ISO 14001 certifications in 2015
- Dhaka office and onshore field operations received ISO 14001 and OHSAS 18001 accreditations in December 2014 and November 2015, respectively
- Jakarta office received OHSAS 18001 in December 2014
- All EHSS policies and procedures are compliant with OHSAS 18001 and ISO 14001 requirements



# Bangladesh: Production with Exploration Growth Potential

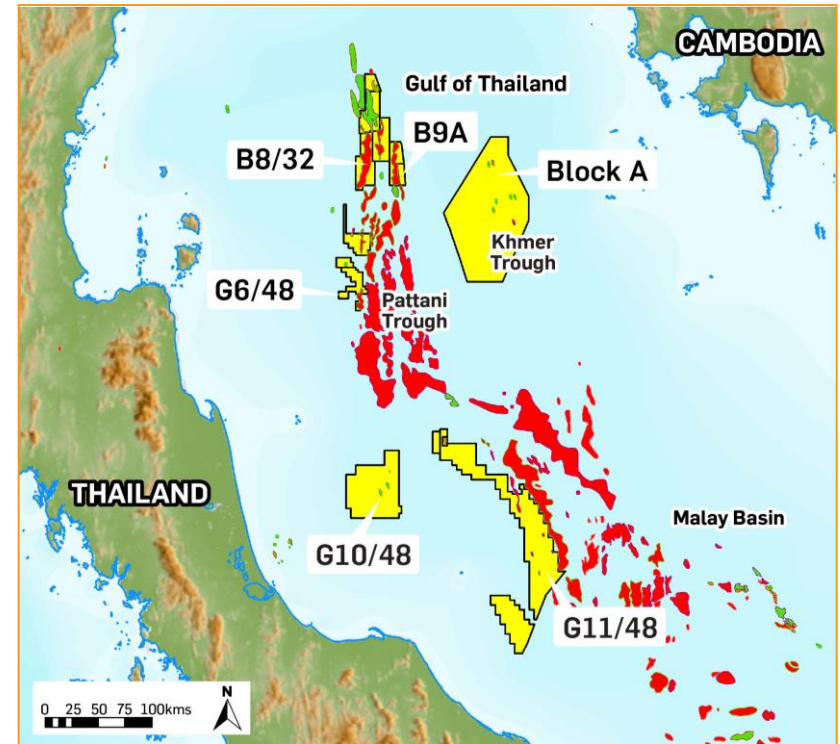
- Tertiary basin geology similar to existing portfolio in Southeast Asia
- Acquisition of 30% working interest and operatorship of the Block 9 PSC completed in December 2013
- High-calibre team in Dhaka and on field location
- Onshore Bangora gas field producing >100 mmcfd gross providing cash flow
- Remaining working interest 2P reserves at 112.0 bcf of gas<sup>1</sup> and 290,000 barrels of condensate<sup>1</sup>
- Exploration potential remaining in Block 9
- Good potential for in-country portfolio growth
  - Award of SS-11 exploration licence in March 2014, KrisEnergy 45% non-operator
  - 3,146 km 2D seismic acquisition completed in 2015

<sup>1</sup> NSAI estimate as at 31 December 2015



# Gulf of Thailand: Production, Development & Exploration Success

- Gulf of Thailand is a core area for growth:
  - Five licences in Thai waters, one in Cambodia
  - KrisEnergy operator of G10/48, G6/48 and Cambodia Block A developments
  - Low cost shallow water development concepts
- KrisEnergy team experienced in Gulf of Thailand development
- Stable cash flow from production and upside potential from development:
  - B8/32 & B9A has produced 454 mmboe<sup>1</sup> (gross up to 31 December 2015); and working interest 2P reserves 10.5 mmboe remaining<sup>1</sup>
  - G11/48 Nong Yao field produced first oil on 17 June 2015; achieved peak rate of ~11,400 bopd in November 2015
  - G10/48 Wassana field produced first oil on 14 August 2015; achieved peak rate of ~12,800 bopd in January 2016



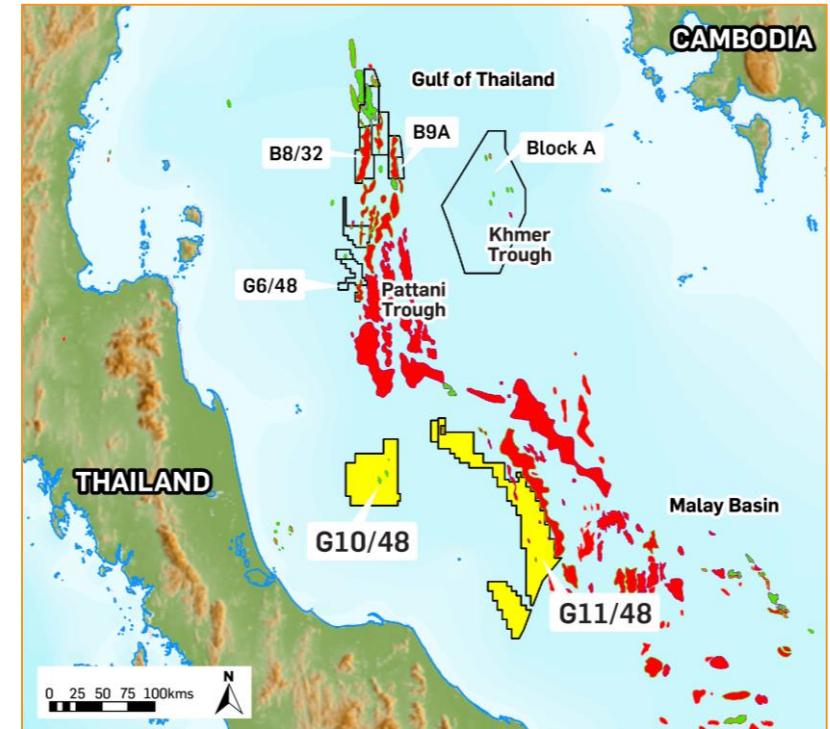
● Oil ● Gas

- Successful G6/48 exploration in Rossukon area in 1Q2015; production licence for Rossukon oil field approved in November 2015
- Successful G10/48 Rayrai-1 exploration in 2Q2015, 2.25 km north of existing Niramai discovery

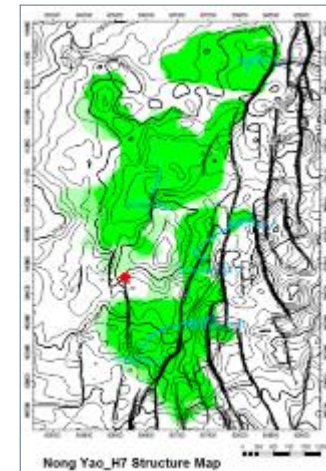
<sup>1</sup> NSAI estimate as at 31 December 2015

# New Production: Nong Yao & Wassana, Thailand

- G10/48 and G11/48 are shallow water blocks with equivalent development concepts as producing fields to the north
- G10/48: First oil from Wassana achieved 14 August 2015 from three initial wells
  - Production in 15 months after KrisEnergy took over operatorship in May 2014
  - *MOPU Ingenium* producing to *FSO Rubicon Vantage*, 13 producer wells and one water disposal well
- G11/48: First oil from Nong Yao achieved 17 June 2015 from four initial wells
  - Two-platform development and floating storage offloading vessel, 16 development wells – 14 producer wells and two water disposal wells



● Oil ● Gas

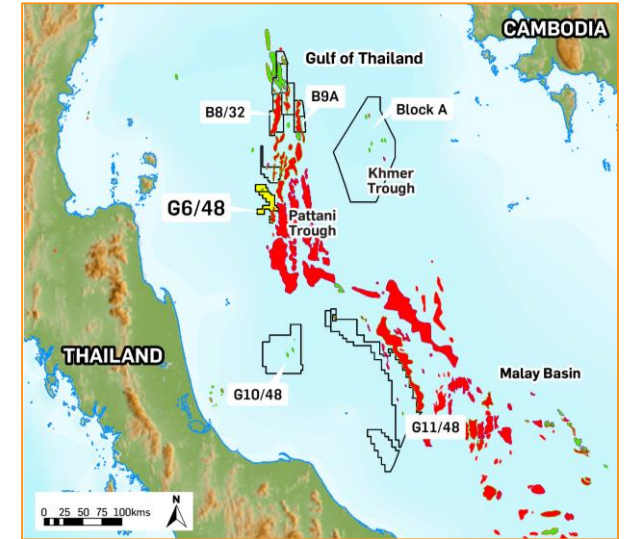


Nong Yao structure map

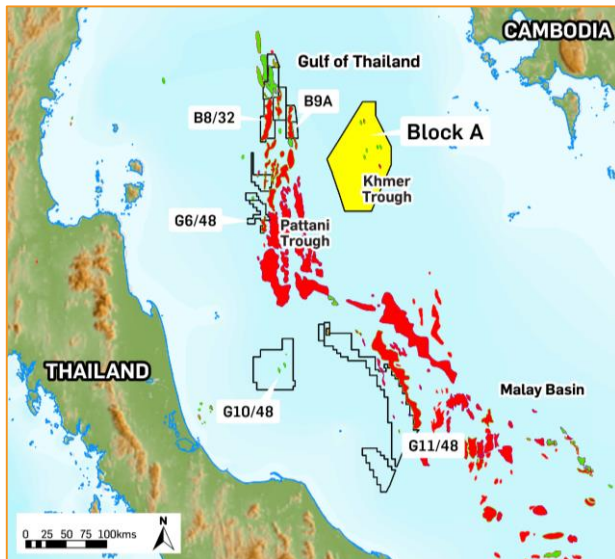
# Gulf of Thailand Development: G6/48 & Cambodia Block A

## G6/48

- Contains 2009 Rossukon oil discovery; two successful Rossukon exploration wells and two sidetracks in 2015, each with net oil and/or gas pay between 106 feet true vertical depth (“TVD”) and 148 feet TVD
- Production area licence submitted in June 2015 and approved in November 2015
- Development concept under review by joint-venture partners
- 2C resource conversion to working interest 3.5 mmo<sup>1</sup> 2P reserves



● Oil ● Gas



● Oil ● Gas

## Cambodia Block A

- Transfer of operatorship to KrisEnergy in October 2014
- 1<sup>st</sup> phase development of Apsara area targeting single platform with peak production 8,000 bopd
- Fiscal and technical terms agreed, final documentation underway
- Potential for additional nine platforms in Apsara area
- Total working interest 2C resources of 5.4 mmo<sup>1</sup> associated mainly with 1<sup>st</sup> platform development as at 31 December 2015

<sup>1</sup> NSAI estimate as at 31 December 2015

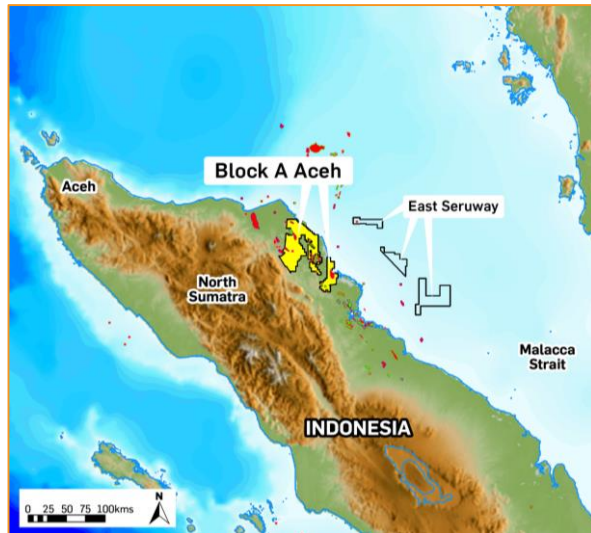
# Development: Indonesia Gas Development

## Bulu PSC

- Lengo gas field plan of development approved December 2014; FEED study completed; prequalification underway for EPCI tender
- Negotiations for gas sales contract underway
- Lengo production to commence 24 months after FID; production expected to plateau at 70 mmcf/d
- 25.4 mmboe<sup>1</sup> working interest 2P reserves



● Oil ● Gas



● Oil ● Gas

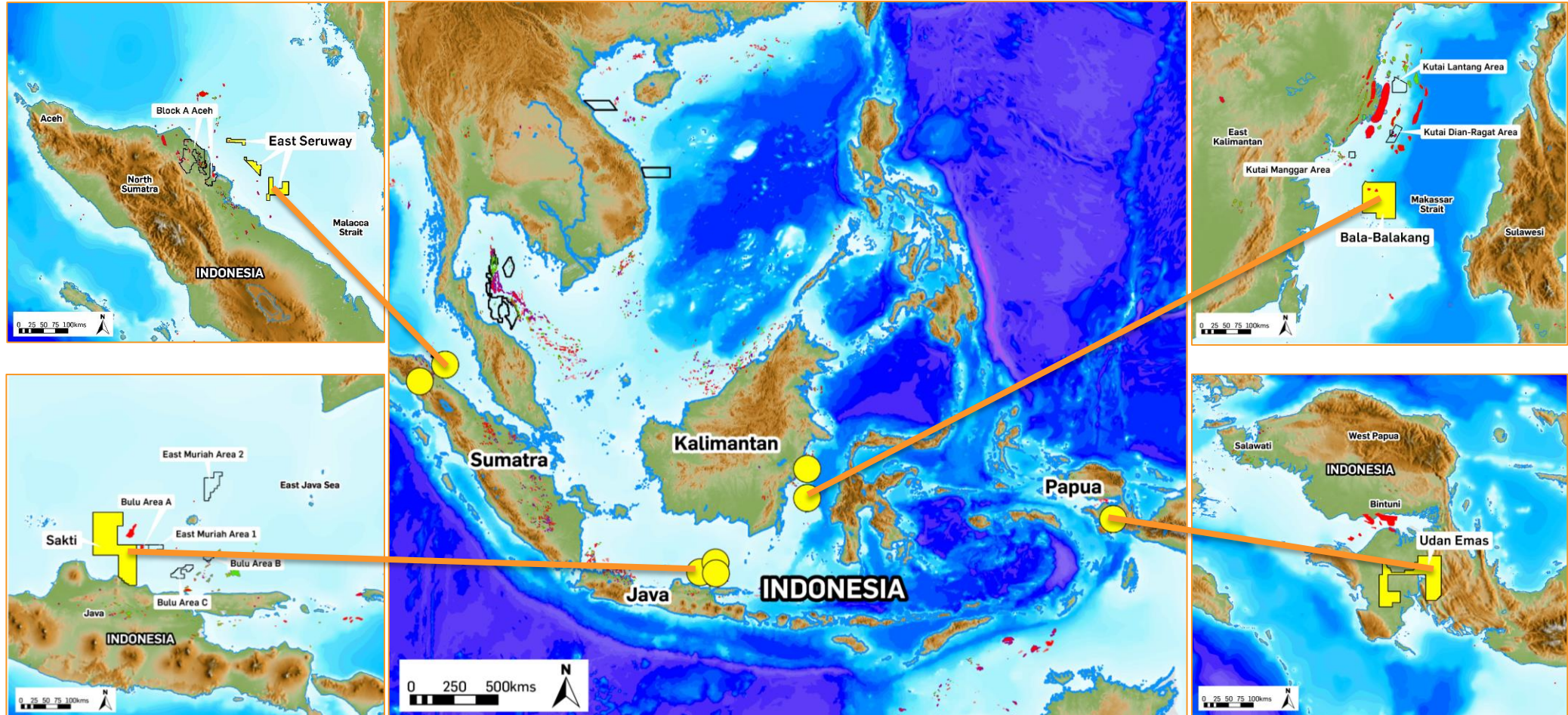
## Block A Aceh PSC

- Alur Rambong, Alur Siwah and Julu Rayeu gas discoveries with development approval
- Initial gas sales agreement signed January 2015 at US\$9.45/mmBtu
- First gas from Alur Rambong anticipated late 2017/2018
- Ground broken for gas facilities construction in November 2015
- US\$240 million engineering procurement and construction contract awarded in March 2016 for the gas development
- 2C resource conversion to working interest 28.7 mmboe<sup>1</sup> 2P reserves

<sup>1</sup> NSAI estimate as at 31 December 2015



# Exploration: Indonesia High-impact Potential



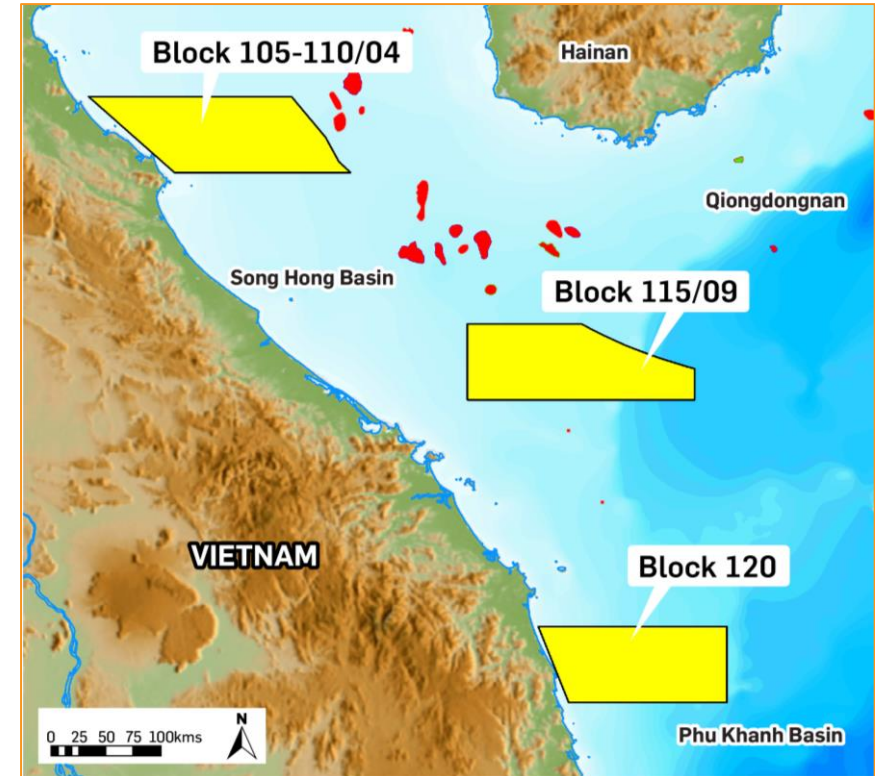
Rapidly increasing gas demand in a high price gas market:

● Oil ● Gas

- Sakti: Mustika-1 exploration well in 2015 encountered moderately high CO<sub>2</sub> gas: results under review
- Bala-Balakang: 502 sq. km 3D broadband seismic completed in 2014
- East Seruway: 948 km 2D seismic completed in 2013
- Udan Emas: 300 km 2D seismic completed in 2015

# Exploration: High-impact Exploration in Vietnam

- Core exploration area offshore Vietnam
- Multiple drillable prospects in each block
- Took over operatorship of Block 105 in March 2015; awarded 100% working interest and operatorship of Block 115/09 in March 2014
- Two exploration wells drilled in 2013:
  - Block 105: Cua Lo-1 well encountered hydrocarbons in all objectives confirming the presence of an active petroleum system
  - Block 120: Ca Ngu-1 well in 2013 encountered both oil and gas in the secondary objective, Triton Limestone
- Integration of 2013 well data and thorough review of geological model underway
- Block 115/09: Reprocessed 3,600 km 2D seismic data
- Block 120: 575 sq. km 3D seismic data acquired in 2015



● Oil ● Gas

# Diversity in Operating Partners

With a large portion of the region's assets held by IOCs and NOCs, KrisEnergy provides a unique opportunity for investors to gain direct exposure to Southeast Asia E&P

- Our partners include large scale IOCs such as Chevron, the largest operator of oil and gas assets in the Gulf of Thailand, and Mubadala, and NOCs such as PTTEP and Eni, as well as independent players such as Ophir and AWE
- These partners bring strong technical and operating capabilities, financial capacity for asset development, long-standing relationships with regulators and opportunities for potential future cooperation
- Our objective is to be the “partner of choice” for national and international upstream oil and gas companies

## International Oil Companies (“IOCs”)

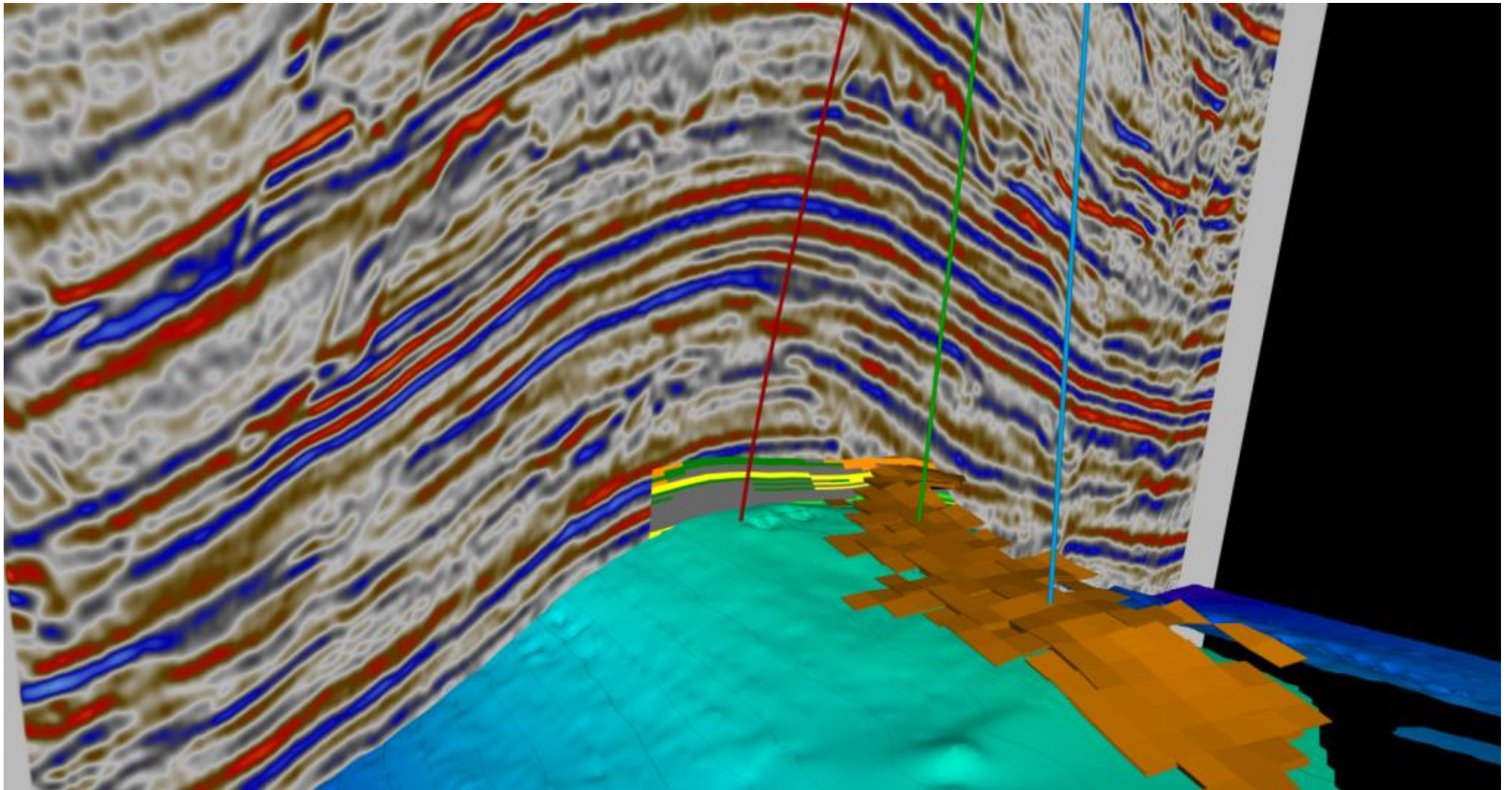


## National Oil Companies (“NOCs”)



## Independents





Appendix



# Fast-paced Organic & Inorganic Growth

Since incorporation in 2009, KrisEnergy has demonstrated a successful track record in building a diversified portfolio of 19 contract areas and fundraising for organic growth and acquisitions












2009	2010	2011	2012
<b>Corporate &amp; Financial</b>			
<ul style="list-style-type: none"> <li>KrisEnergy established with up to US\$500 mm equity capital commitment from First Reserve</li> <li>Acquired G10/48 and G11/48</li> </ul>	<ul style="list-style-type: none"> <li>Acquired production: B8/32, B9A and Glagah-Kambuna TAC</li> <li>Acquired Cambodia Block A, Kutai PSC, Block 06/94, Block 105 and Block 120</li> <li>Opened Jakarta and Bangkok offices</li> <li>Secured US\$150 mm loan facility</li> </ul>	<ul style="list-style-type: none"> <li>Acquired Bulu PSC and East Seruway PSC</li> <li>Awarded Bala-Balakang PSC (formerly known as Tanjung Aru PSC)</li> <li>Relinquished Block 06/94</li> <li>Opened Ho Chi Minh City office</li> <li>Issued US\$85 mm 2016 Notes and secured US\$30 mm RCF</li> </ul>	<ul style="list-style-type: none"> <li>Acquired East Muriah PSC</li> <li>Awarded Udan Emas PSC</li> <li>Keppel acquired 20% new shares for US\$115 mm</li> </ul>
<b>Operational</b>			
<ul style="list-style-type: none"> <li>Two exploration wells drilled: one oil discovery and one sub-commercial oil and gas discovery</li> </ul>	<ul style="list-style-type: none"> <li>Acquired 5,952 km 2D and 881 sq. km 3D seismic data</li> <li>B8/32 and B9A: Drilled 63 development wells, three wellhead platforms put on stream</li> <li>13 out of 19 exploration wells resulted in discoveries</li> </ul>	<ul style="list-style-type: none"> <li>Acquired 491 sq. km 3D seismic data</li> <li>B8/32 &amp; B9A: Drilled 24 development wells, one wellhead platform put on stream</li> <li>One exploration well resulted in discovery</li> </ul>	<ul style="list-style-type: none"> <li>Acquired 1,333 sq. km 3D seismic data</li> <li>B8/32 &amp; B9A: Drilled 54 development wells</li> <li>G11/48 production area application approved</li> <li>Three exploration wells resulted in sub-commercial discoveries</li> </ul>

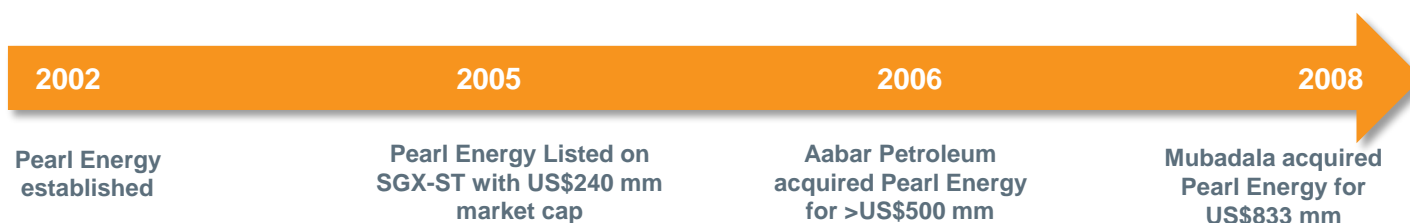
# Fast-paced Organic & Inorganic Growth

2013	2014	2015	2016
<b>Corporate &amp; Financial</b>			
<ul style="list-style-type: none"> <li>Acquired production: Block 9</li> <li>Acquired G6/48</li> <li>Opened Dhaka office</li> <li>Increased size of 2016 Notes to US\$120 mm and RCF to US\$42.5 mm</li> <li>Listed on the SGX-ST</li> </ul>	<ul style="list-style-type: none"> <li>Awarded Sakti PSC, SS-11 and Block 115/09</li> <li>Acquired Block A Aceh, 75% working interest in G10/48 and 30% working interest in Cambodia Block A. Took over operatorship G10/48 and Cambodia Block A</li> <li>Opened Phnom Penh office</li> <li>Reduced G11/48 working interest to 22.5% after Thai participant farm-in</li> <li>Repaid US\$120 mm 2016 Notes. Established S\$500 mm MTN Program, issued 2017 Notes and 2018 Notes</li> <li>Secured US\$100 mm RCF with a US\$40 mm accordion</li> </ul>	<ul style="list-style-type: none"> <li>Took over operatorship of Block 105</li> <li>Reduced G10/48 effective working interest to 89% after farm-out</li> <li>Increased the 2014 RCF to US\$122 mm in alignment with the increase in 2P reserves for the secured assets</li> <li>Completed successful renounceable underwritten rights issue and raised net proceeds of S\$164.4 mm</li> </ul>	<ul style="list-style-type: none"> <li>Extended 2014 RCF to March 2017</li> </ul>
<b>Operational</b>			
<ul style="list-style-type: none"> <li>Acquired 948 km 2D and 270 sq. km 3D seismic data</li> <li>Declared FID for G11/48 Nong Yao oil development</li> <li>Drilled successful Lengo-2 appraisal well</li> <li>B8/32 &amp; B9A: Drilled 57 development wells</li> <li>Three exploration wells resulted in one gas discovery and two sub-commercial discoveries</li> </ul>	<ul style="list-style-type: none"> <li>Acquired 2,486 km 2D and 903 sq. km 3D seismic data</li> <li>Awarded EPCIC contract for G11/48 Nong Yao oil development</li> <li>Declared FID for G10/48 Wassana oil development</li> <li>Development plan approved for Lengo gas field in Bulu PSC</li> <li>B8/32 &amp; B9A: Drilled 55 development wells, two wellhead platforms put on stream</li> <li>Two unsuccessful exploration commitment wells</li> </ul>	<ul style="list-style-type: none"> <li>Acquired 3,446 km 2D and 575 sq. km 3D seismic data</li> <li>First production from G11/48 Nong Yao in June and G10/48 Wassana in August</li> <li>Drilled 52 development wells and installed one platform in B8/32 &amp; B9A</li> <li>Lengo gas field FEED completed</li> <li>Gas sales agreement signed for Block A Aceh</li> <li>100% exploration success from four Rossukon wells in G6/48 and Rayrai well in G10/48; Rossukon PAA approved in November</li> <li>Sakti PSC: Mustika-1 well encountered sub-commercial gas</li> </ul>	<ul style="list-style-type: none"> <li>Awarded EPC contract for Block A Aceh gas development</li> <li>Drilled seven development wells in B8/32 &amp; B9A</li> </ul>

# Experienced Team with Track Record of Success

The majority of our management and senior technical team have worked together for over 15 years and have established a reputation for value creation, notably through our track record in Pearl Energy

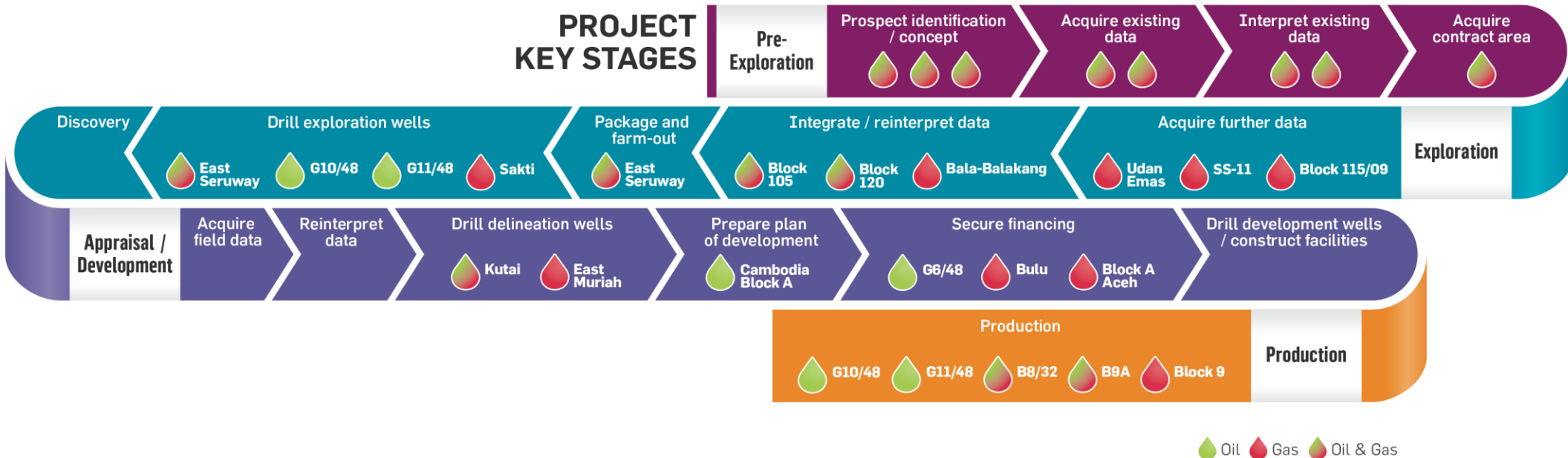
	<p><b>Keith Cameron</b> <i>CEO</i></p> <ul style="list-style-type: none"> <li>• Co-founder</li> <li>• &gt;35 years of O&amp;G experience, &gt; 30 in SEA</li> <li>• Former co-founder and CEO of Pearl</li> </ul>		<p><b>Brian Helyer</b> <i>VP Operations</i></p> <ul style="list-style-type: none"> <li>• &gt;30 years offshore O&amp;G experience</li> <li>• Prior roles with Petrofac in SEA, UK and Tunisia</li> </ul>
	<p><b>Chris Gibson-Robinson</b> <i>Director E&amp;P</i></p> <ul style="list-style-type: none"> <li>• Co-founder</li> <li>• &gt;35 years of upstream O&amp;G experience, &gt;25 in SEA</li> <li>• Former co-founder and Chief TO of Pearl</li> </ul>		<p><b>Tim Kelly</b> <i>VP Engineering</i></p> <ul style="list-style-type: none"> <li>• &gt;30 years O&amp;G experience, &gt;23 in SEA</li> <li>• Former Corporate Petroleum Eng. Manager, Pearl and DST Specialist with ExxonMobil</li> </ul>
	<p><b>Richard Lorentz</b> <i>Director Business Development</i></p> <ul style="list-style-type: none"> <li>• Co-founder</li> <li>• &gt;30 years of upstream O&amp;G experience, &gt;25 in SEA</li> <li>• Former co-founder and Chief BDO of Pearl</li> </ul>		<p><b>Michael Whibley</b> <i>VP Technical</i></p> <ul style="list-style-type: none"> <li>• &gt;35 years of E&amp;P technical and business development experience, &gt;22 in SEA</li> <li>• Technical roles in Pearl, Santos and Apache</li> </ul>
	<p><b>Kiran Raj</b> <i>Chief Financial Officer</i></p> <ul style="list-style-type: none"> <li>• &gt;20 years corporate finance experience</li> <li>• Qualified Chartered Accountant with ICAA</li> <li>• Former Director of IB CLSA and CEO of BCA</li> </ul>		<p><b>Chris Wilson</b> <i>VP Business Development</i></p> <ul style="list-style-type: none"> <li>• &gt;20 years corporate finance and business development experience in Asia</li> <li>• Former financial advisor within Pearl</li> <li>• Member of AIPN</li> </ul>
	<p><b>Kelvin Tang</b> <i>President, Cambodia &amp; VP Legal</i></p> <ul style="list-style-type: none"> <li>• &gt;15 years legal experience</li> <li>• Former GC for Aabar and Pearl</li> <li>• Member of Association of International Petroleum Negotiators</li> </ul>		<p><b>Tanya Pang</b> <i>VP Investor Relations &amp; Corporate Communications</i></p> <ul style="list-style-type: none"> <li>• &gt;25 years media/IR in energy sector</li> <li>• IR Manager for Pearl Energy</li> <li>• Senior management with Reuters</li> </ul>
	<p><b>James Parkin</b> <i>VP Exploration</i></p> <ul style="list-style-type: none"> <li>• &gt;35 years of O&amp;G experience, &gt;25 in SEA</li> <li>• Former Regional VP SEA for Pearl and Senior Geologist and Team Leader East Java at Gulf Indonesia/ Conoco/ ConocoPhillips</li> </ul>		



**Track Record of Value Creation Since Pearl Energy**

# Active Involvement Across Portfolio Life Cycle

Our portfolio contains assets at all stages of the exploration and production life cycle and therefore we are actively involved in all key stages along the value chain



## Pre-Exploration

- In-house business development team and advanced computing technology for the acquisition, processing, re-processing and interpretation of data

## Exploration

- 3<sup>rd</sup> party contractors commissioned to reprocess or acquire seismic data
- Mitigate risk and defray costs by farming out exploration drilling costs, whilst retaining operating rights upon production

## Appraisal/Development

- Assessment of economic viability of production and estimation of reserves
- Drilling of development wells and construction and installation of facilities required for production to commence

## Production

- Maintaining the field and extracting oil or gas as efficiently as possible
- Modeling of subsurface formations using computer simulation
- Reservoir pressure maintenance studies to optimise recovery



# Balanced Portfolio of Assets

Contract area	Working Interest (%)	Area (sq. km)	Operator	Onshore/ Offshore	Exploration	Development Unclarified	Development Pending	Producing/ Near Producing
<b>Bangladesh</b>								
Block 9	30	1,770	KrisEnergy	on	•	•		• (Producing)
SS-11	45	4,475	Santos	off	•			
<b>Cambodia</b>								
Block A	52.25 <sup>1</sup>	4,709	KrisEnergy	off	•	•	•	
<b>Indonesia</b>								
Block A Aceh PSC	41.6666	1,680	Medco	on	•	•		•
Bulu PSC	42.5	697	KrisEnergy	off	•			•
East Muriah PSC	50	995	KrisEnergy	off	•		•	
East Seruway PSC	100	1,172	KrisEnergy	off	•			
Kutai PSC	54.6	944	KrisEnergy	on/off	•		•	
Sakti PSC	95	4,974	KrisEnergy	off	•			
Bala-Balakang PSC	85	3,143	KrisEnergy	off	•	•		
Udan Emas PSC	100	4,044	KrisEnergy	on	•			
<b>Thailand</b>								
B8/32 & B9A	4.6345	2,072	Chevron	off	•			• (Producing)
G6/48	30	371	KrisEnergy	off	•			•
G10/48	89	1,783	KrisEnergy	off	•	•		• (Producing)
G11/48	22.5	3,374	Mubadala	off	•	•		• (Producing)
<b>Vietnam</b>								
Block 105	51	7,192	KrisEnergy	off	•			
Block 120	33.33	6,869	Eni	off	•			
Block 115/09	100	7,382	KrisEnergy	off	•			

<sup>1</sup> After a 5% transfer of working interest to the Cambodian MME

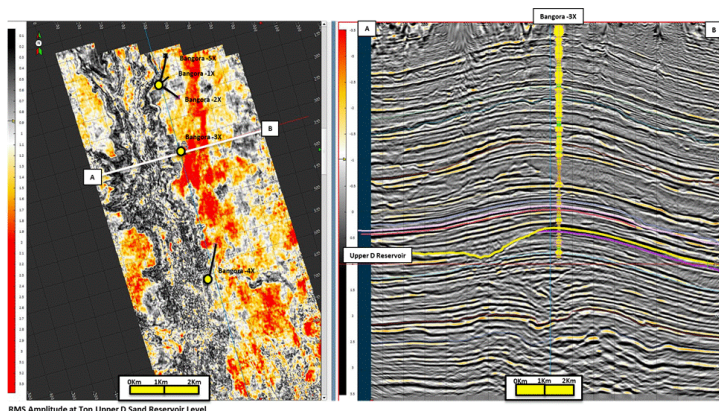
# Production – Bangladesh

## Block 9

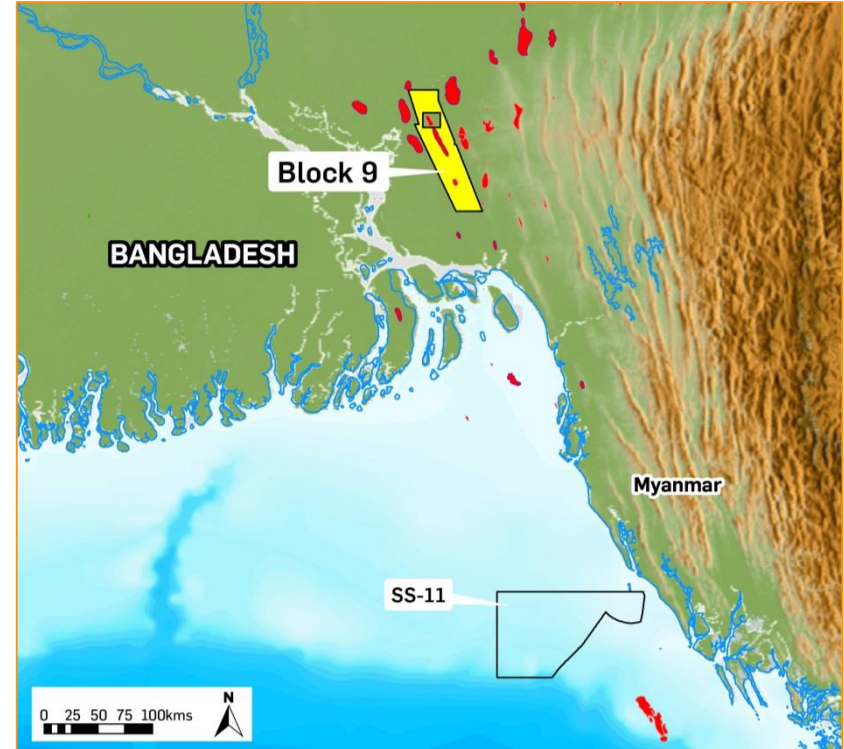
- Status: Production and exploration
- Area: 1,770 sq. km
- Location: Onshore Bangladesh over Surma Basin
- Gross cumulative gas production from May 2006 until 31 December 2015 was 334 bcf<sup>1</sup>
- Working interest 2P reserves: 19.0 mmboe<sup>1</sup>
- Working interest 2C resources DU: 1.4 mmboe<sup>1</sup>

## Partners:

- |                  |                |
|------------------|----------------|
| • KrisEnergy     | 30% (Operator) |
| • Niko Resources | 60%            |
| • BAPEX          | 10%            |



<sup>1</sup> NSAI estimate as at 31 December 2015



● Oil ● Gas

## Geology:

- Bangora field discovered in 2004 by Bangora-1 well, which penetrated a thick sandstone section of the Late Miocene Upper Bhuban Formation, regionally the main reservoir target
- Upper Bhuban Formation sands are described as shallow marine to transition zone in origin, most likely as channels/splay and mouth bars to a major Late Miocene distributary system

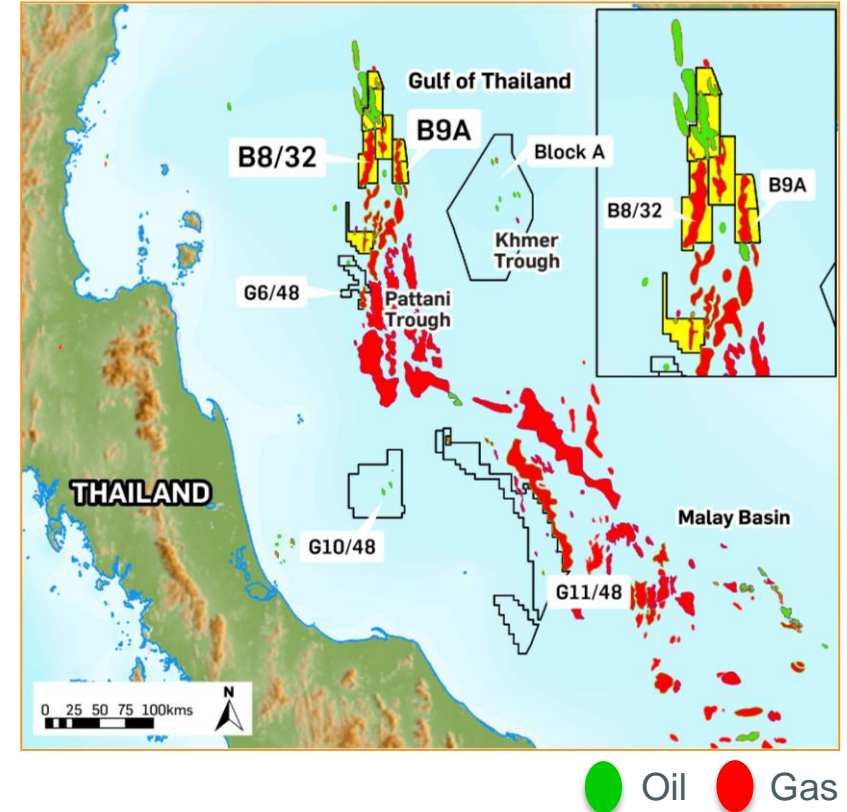
# Production – Thailand

## B8/32 & B9A

- Status: Production, development and exploration
- Area: 2,072 sq. km
- Location: Gulf of Thailand over north Pattani Basin
- Water depths: 42 to 113 metres
- Gross cumulative production up to 31 December 2015 was 417 mmboe<sup>1</sup>
- Working interest 2P reserves: 10.5 mmboe<sup>1</sup>

## Partners:

- |                 |                   |
|-----------------|-------------------|
| • KrisEnergy    | 4.63%             |
| • Chevron       | 51.66% (Operator) |
| • PTTEP         | 25.00%            |
| • MOECO         | 16.71%            |
| • Palang Sophon | 2.00%             |



## Geology:

- Source: Eocene to Oligocene lacustrine and Miocene fluvio-deltaic shales
- Reservoir: Oligo-Miocene fluvio-deltaic sandstones
- Trap: Tilted fault blocks
- Seal: Oligo-Miocene intra-formational shales

<sup>1</sup> NSAI estimate as at 31 December 2015

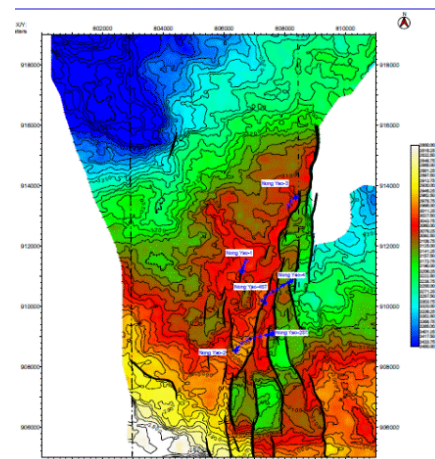
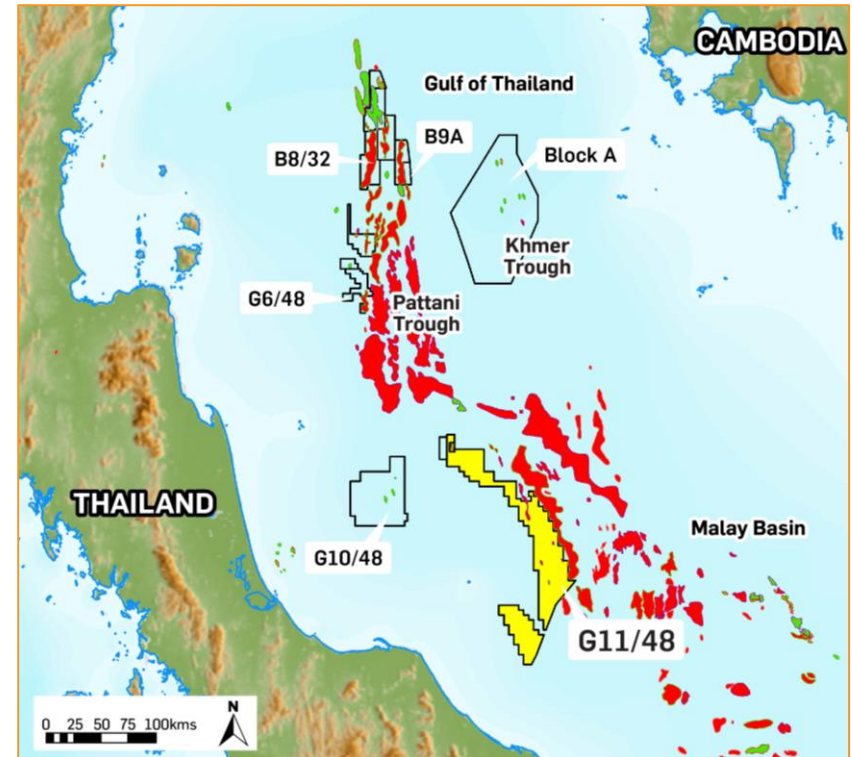
# Production – Thailand

## G11/48

- Status: Production, appraisal and exploration
- Area: 3,374 sq. km
- Location: Gulf of Thailand over southern margin of Pattani Basin and northwest margin of Malay Basin
- Water depths: Up to 75 metres
- Working interest 2P reserves: 2.2 mmboe<sup>1</sup>
- Working interest 2C resources DU: 1.1 mmboe<sup>1</sup>

## Partners

- |                      |                  |
|----------------------|------------------|
| • KrisEnergy         | 22.5%            |
| • Mubadala Petroleum | 67.5% (Operator) |
| • Palang Sophon      | 10.0%            |



## Geology:

- Source: Eocene to Oligocene lacustrine and Miocene fluvio-deltaic shales
- Reservoir: Oligo-Miocene fluvio-deltaic sandstones
- Trap: Tilted fault blocks
- Seal: Oligo-Miocene intra-formational shales

<sup>1</sup> NSAI estimate as at 31 December 2015

# Production – Thailand

## G10/48

- Status: Production, appraisal and exploration
- Area: 1,783 sq. km
- Location: Gulf of Thailand over southern margin of Pattani Basin
- Water depths: Up to 60 metres
- Working interest 2P reserves: 16.7 mmboe<sup>1</sup>
- Working interest 2C resources DU: 2.2 mmboe<sup>1</sup>

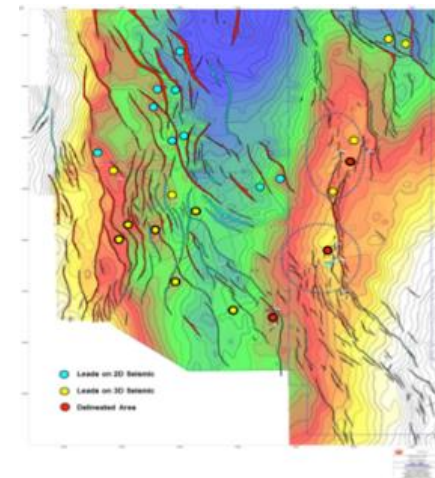
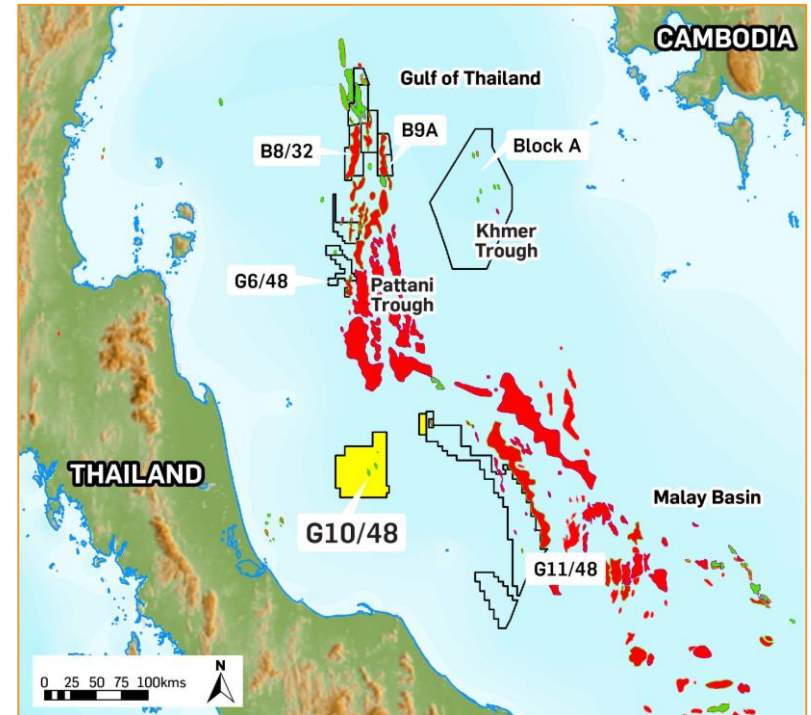
## Partners:

- KrisEnergy 89% (Operator)
- Palang Sophon 11%

## Geology:

- Source: Eocene to Oligocene lacustrine and Miocene fluvio-deltaic shales
- Reservoir: Oligo-Miocene fluvio-deltaic sandstones
- Trap: Tilted fault blocks
- Seal: Oligo-Miocene intra-formational shales

<sup>1</sup> NSAI estimate as at 31 December 2015



Oil Gas

# Near-Term Production – Thailand

## G6/48

- Status: Near-term production and exploration
- Area: 371 sq. km
- Location: Gulf of Thailand over Karawake Basin on western margin of Pattani Basin
- Water depths: 60 to 70 metres
- Working interest 2P reserves: 3.5 mmboe<sup>1</sup>
- Working interest 2C resources DU: 0.7 mmboe<sup>1</sup>

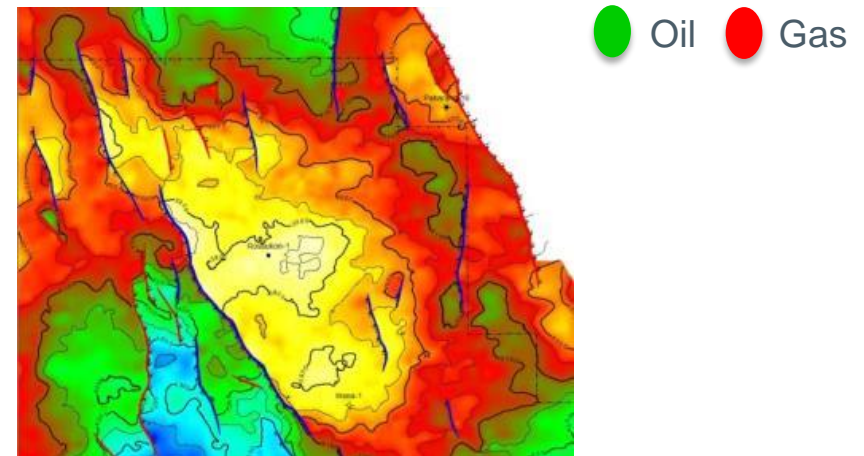
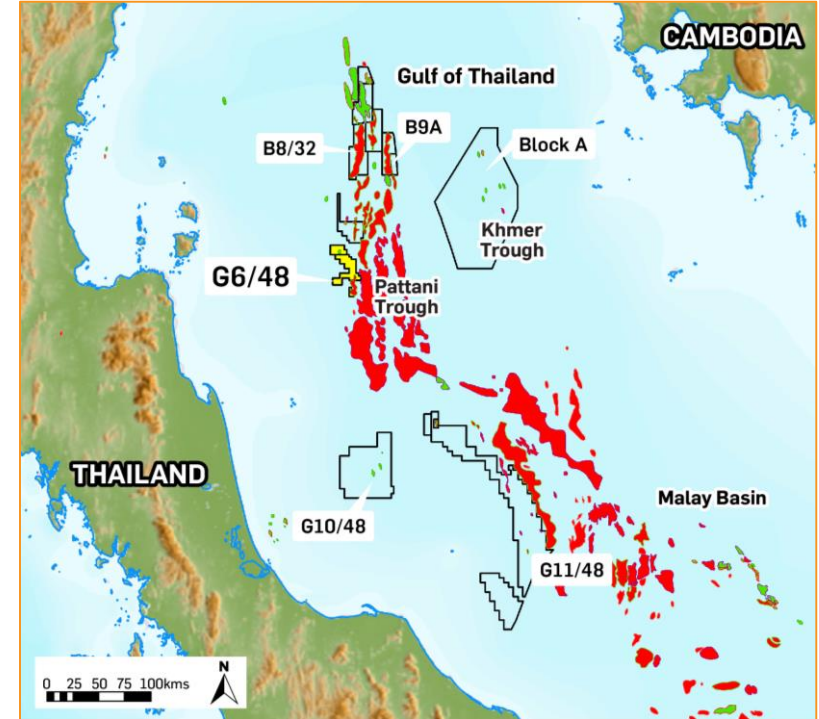
## Partners:

- KrisEnergy 30% (Operator)
- Mubadala Petroleum 30%
- Northern Gulf Petroleum 40%

## Geology:

- Source: Eocene to Late Oligocene lacustrine and Miocene fluvio-deltaic shales
- Reservoir: Oligo-Miocene fluvio-deltaic sandstones
- Trap: Tilted fault blocks
- Seal: Oligo-Miocene intra-formational shales

<sup>1</sup> NSAI estimate as at 31 December 2015



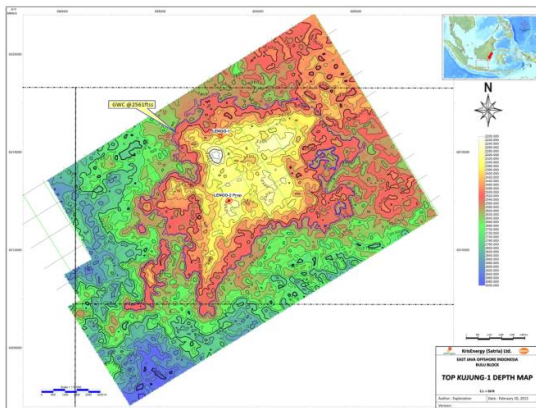
# Near-Term Production – Indonesia

## Bulu PSC

- Status: Near-term production
- Area: 697 sq. km
- Location: East Java Sea
- Water Depths: 50 to 60 metres
- Working interest 2P reserves: 25.4 mmboe<sup>1</sup>

## Partners:

- KrisEnergy 42.5% (Operator)
- AWE Ltd 42.5%
- PT Satria Energindo 10.0%
- PT Satria Wijayakusuma 5.0%



## Geology:

- Source: Eocene deltaic and lacustrine coals and carbonaceous shales. Early Miocene marine shales and Plio-Pleistocene mudstones
- Reservoir: Oligo-Miocene carbonates and mid-Miocene sandstones
- Trap: Oligo-Miocene carbonate and mid-Miocene marine sandstones
- Seal: Miocene regional shales

<sup>1</sup> NSAI estimate as at 31 December 2015

# Development – Indonesia

## Block A Aceh PSC

- Status: Development pending, appraisal and exploration
- Area: 1,680 sq. km
- Location: North Sumatra Basin
- Working interest 2P reserves: 28.7 mmboe<sup>1</sup>
- Working interest 2C resources DU: 74.3 mmboe<sup>1</sup>

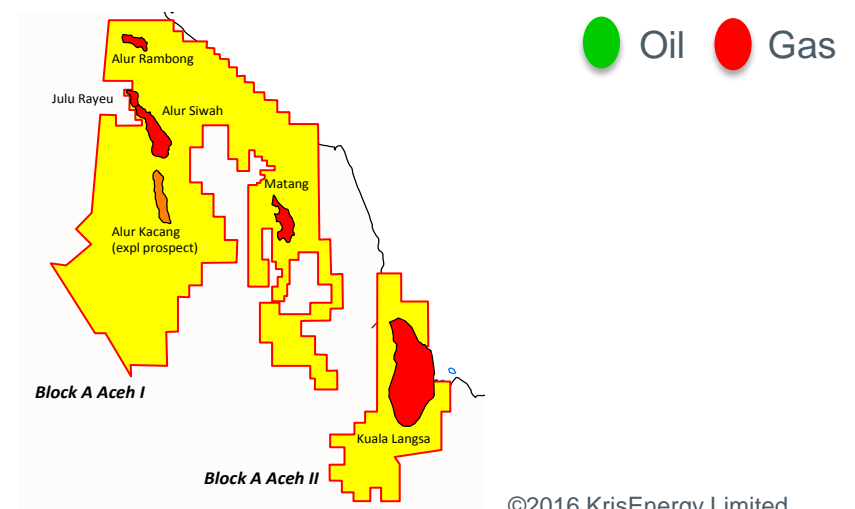
## Partners:

- KrisEnergy 41.6666%
- Medco 41.6667% (Operator)
- Japex Ltd 16.6667%

## Geology:

- Source: Oligo-Miocene marine shales
- Reservoir: Early-Mid Miocene carbonates and clastics
- Trap: Carbonate reefal build-ups, faulted anticlines and tilted fault blocks
- Seal: Middle Miocene marine shales

<sup>1</sup> NSAI estimate as at 31 December 2015





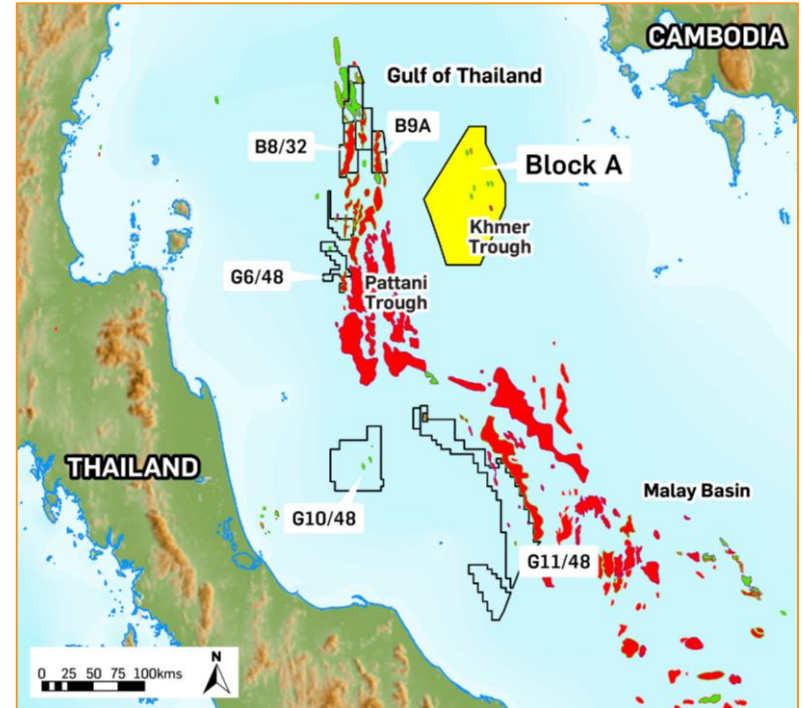
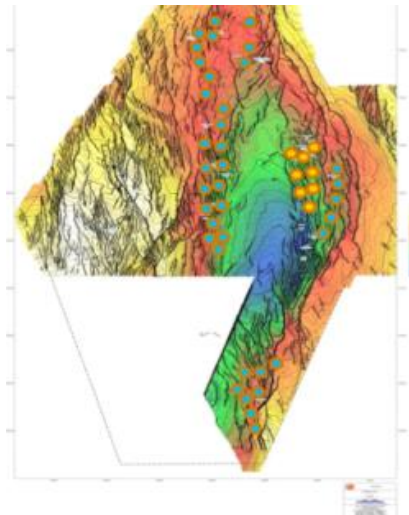
# Development – Cambodia

## Cambodia Block A

- Status: Development pending and exploration
- Area: 4,709 sq. km
- Location: Khmer Basin, Gulf of Thailand
- Water depths: 50 to 80 metres
- Working interest 2C resources DP: 4.5 mmboe<sup>1</sup>
- Working interest 2C resources DU: 0.9 mmboe<sup>1</sup>

## Partners<sup>2</sup>:

- |              |                   |
|--------------|-------------------|
| • KrisEnergy | 52.25% (Operator) |
| • MOECO      | 28.50%            |
| • GS Energy  | 14.25%            |
| • MME        | 5.00%             |



● Oil ● Gas

## Geology:

- Source: Eocene to Oligocene lacustrine and Miocene fluvio-deltaic shales
- Reservoir: Oligo-Miocene fluvial sandstones
- Trap: Tilted fault blocks
- Seal: Oligo-Miocene intra-formational fluvial shales

<sup>1</sup> NSAI estimate as at 31 December 2015

<sup>2</sup> After a 5% transfer of working interest to Cambodia MME

# Appraisal – Indonesia

## East Muriah PSC

- Status: Development pending/appraisal
- Area: 995 sq. km
- Location: East Java Sea
- Water Depths: 50 to 65 metres
- Working interest 2C resources DP: 1.6 mmboc<sup>1</sup>

## Partners:

- KrisEnergy 50% (Operator)
- AWE Ltd 50%

## Geology:

- Source: Eocene deltaic and lacustrine coals and carbonaceous shales. Early Miocene marine shales and Plio-Pleistocene mudstones
- Reservoir: Oligo-Miocene carbonates
- Trap: Oligo-Miocene carbonate reefs
- Seal: Miocene regional shales



● Oil ● Gas

<sup>1</sup> NSAI estimate as at 31 December 2015

# Appraisal/Development – Indonesia

## Kutai PSC

- Status: Development pending and appraisal
- Area: 944 sq. km
- Location: Mahakam River delta, Makassar Strait
- Water Depths: 50 to 90 metres
- Working interest 2C resources DP: 6.9 mmboe<sup>1</sup>

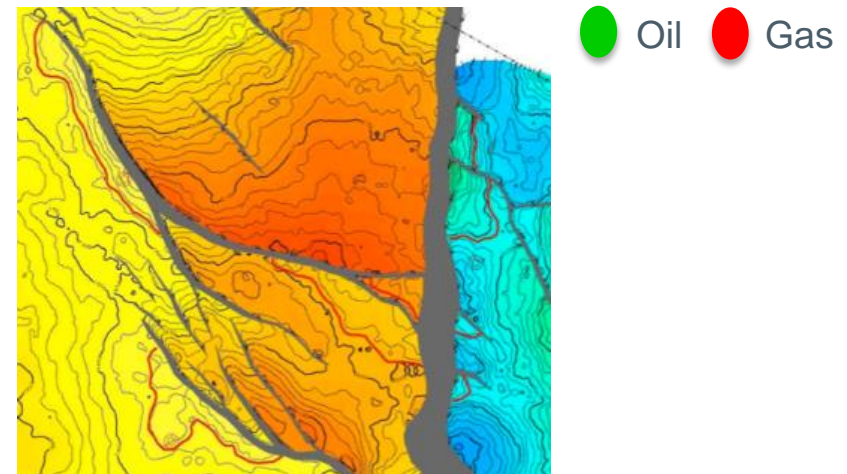
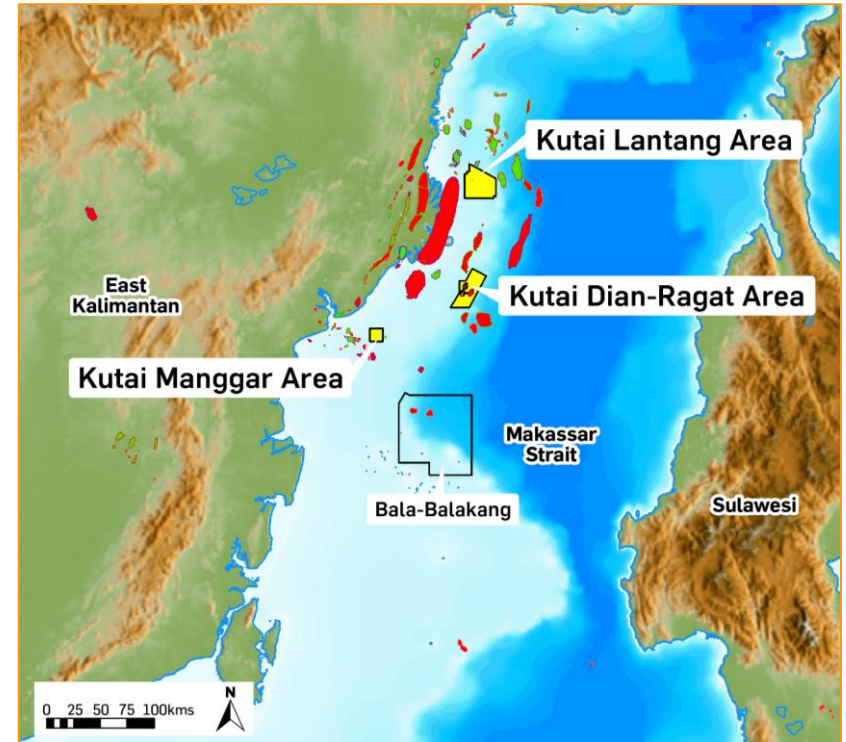
## Partners:

- |                    |                  |
|--------------------|------------------|
| • KrisEnergy       | 54.6% (Operator) |
| • Ophir Energy     | 23.4%            |
| • Orchid Kutai Ltd | 22.0%            |

## Geology:

- Source: Miocene coals and carbonaceous shales
- Reservoir: Middle Miocene to Pliocene deltaic sandstones
- Trap: Faulted anticlines, tilted fault blocks, stratigraphic channels and carbonate build-ups
- Seal: Middle Miocene to Pliocene intra-formational shales

<sup>1</sup> NSAI estimate as at 31 December 2015

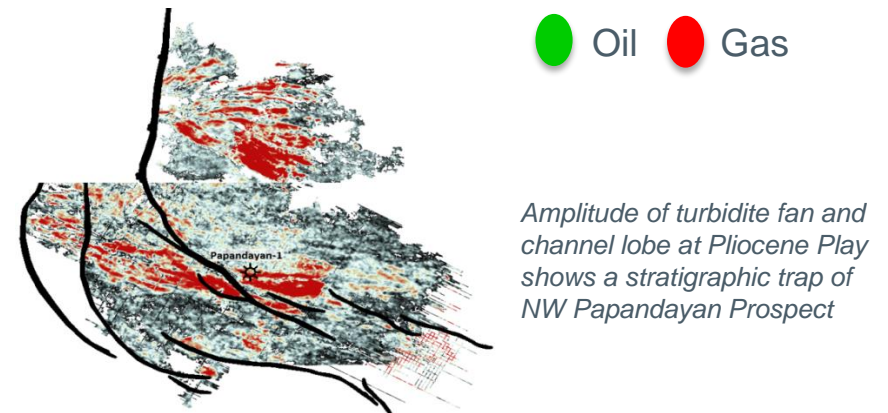
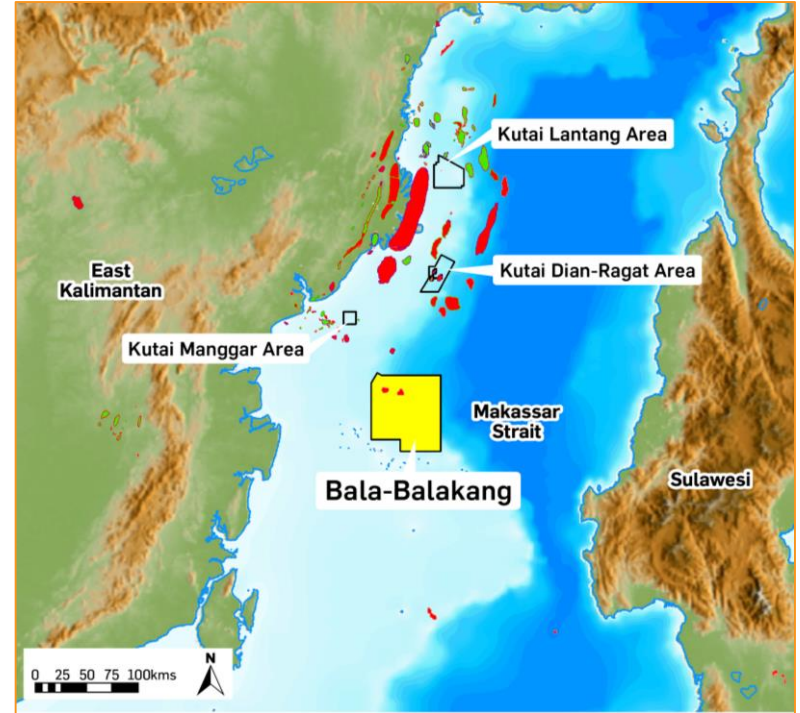


# Appraisal – Indonesia

## Bala-Balakang PSC

- Status: Development unclarified and exploration
- Area: 3,143 sq. km
- Location: Southern edge of Kutai Basin, Makassar Strait
- Water Depths: 20 metres to over 1,000 metres
- Working interest 2C resources DU: 15.7 mmboe<sup>1</sup>
- **Partners:**
  - KrisEnergy 85% (Operator)
  - Natuna Ventures Pte Ltd 15%
- **Geology:**
  - Source: Miocene coals and carbonaceous shales
  - Reservoir: Mio-Pliocene channel/fan complexes
  - Trap: Structural and stratigraphic
  - Seal: Mio-Pliocene intra-formational shales

<sup>1</sup> NSAI estimate as at 31 December 2015



# Exploration – Indonesia

## Sakti PSC

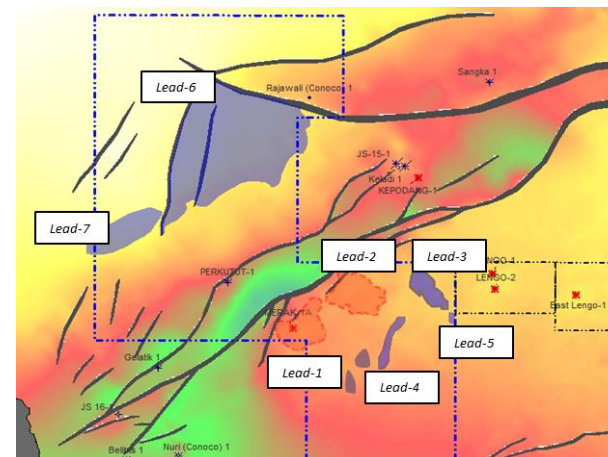
- Status: Exploration
- Area: 4,974 sq. km
- Location: East Java Sea
- Water Depths: 50 to 60 metres

## Partners

- KrisEnergy 95% (Operator)
- PT. Golden Heaven Jaya Ltd. 5%

## Geology

- Source: Oligocene-Miocene coals
- Reservoir: Late Oligocene to Early Miocene Carbonate and Early to Middle Miocene sands
- Trap: Structural and Stratigraphic Plays
- Seal: Middle Miocene-Pliocene shales



● Oil ● Gas

# Exploration – Indonesia

## East Seruway PSC

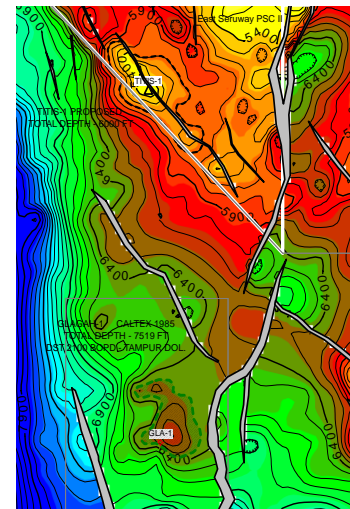
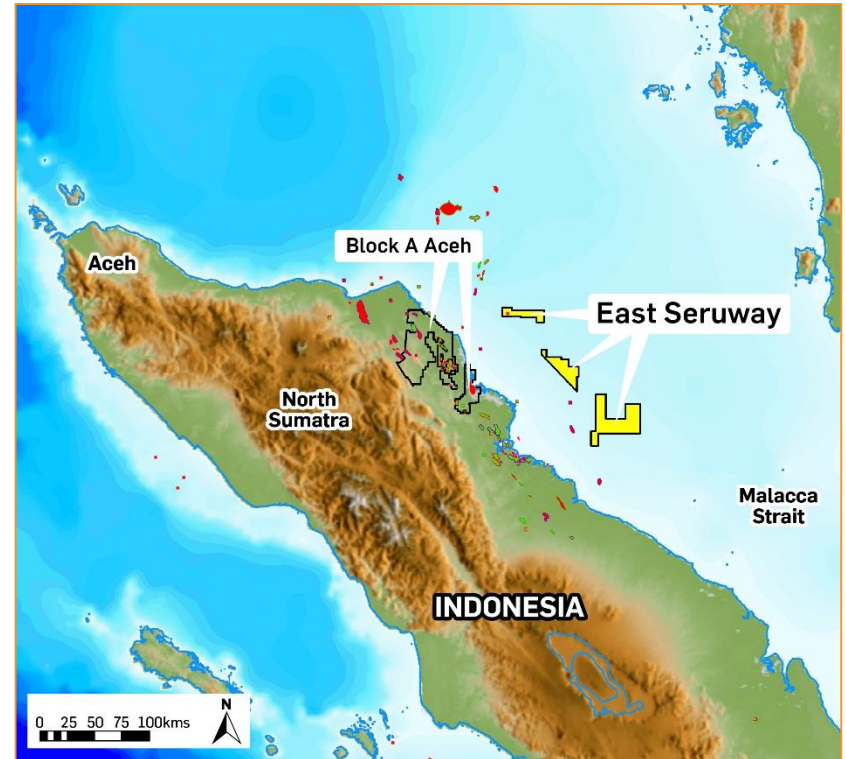
- Status: Exploration
- Area: 1,172 sq. km
- Location: North Sumatra Basin, Malacca Strait
- Water Depths: 25 to 60 metres

## Partners:

- KrisEnergy 100% (Operator)

## Geology:

- Source: Oligo-Miocene, carbonaceous shales and marine mudstones
- Reservoir: Early Miocene carbonates and clastics and fractured domitic basement
- Trap: Carbonate reefal/build-ups, faulted anticlines and tilted fault blocks
- Seal: Early Miocene intra-formational shales



Oil Gas

# Exploration – Indonesia

## Udan Emas PSC

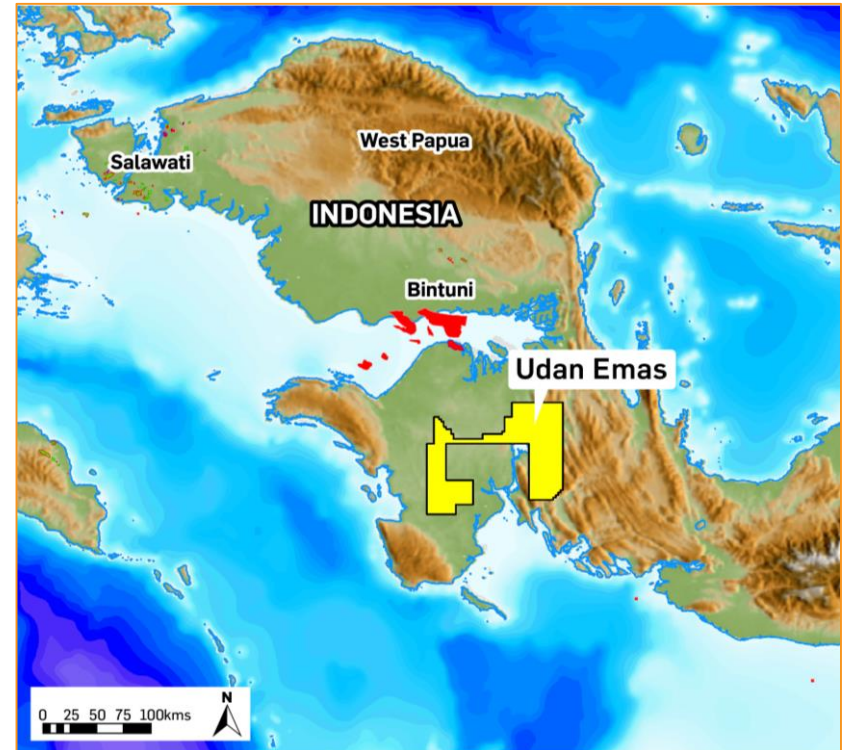
- Status: Exploration
- Area: 4,044 sq. km
- Location: Onshore West Papua over Bintuni Basin

## Partners:

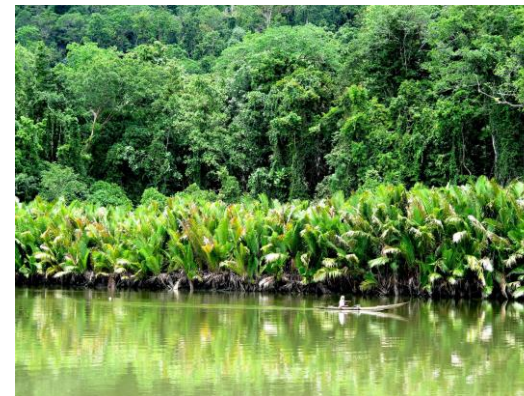
- KrisEnergy 100% (Operator)

## Geology:

- Source: Permian-Jurassic carbonaceous shales and coals
- Reservoir: Jurassic sandstones
- Trap: Structural/stratigraphic
- Seal: Intra-formational Mesozoic shales



● Oil ● Gas



Terrain in the Udan Emas PSC area

# Exploration – Vietnam

## Block 105

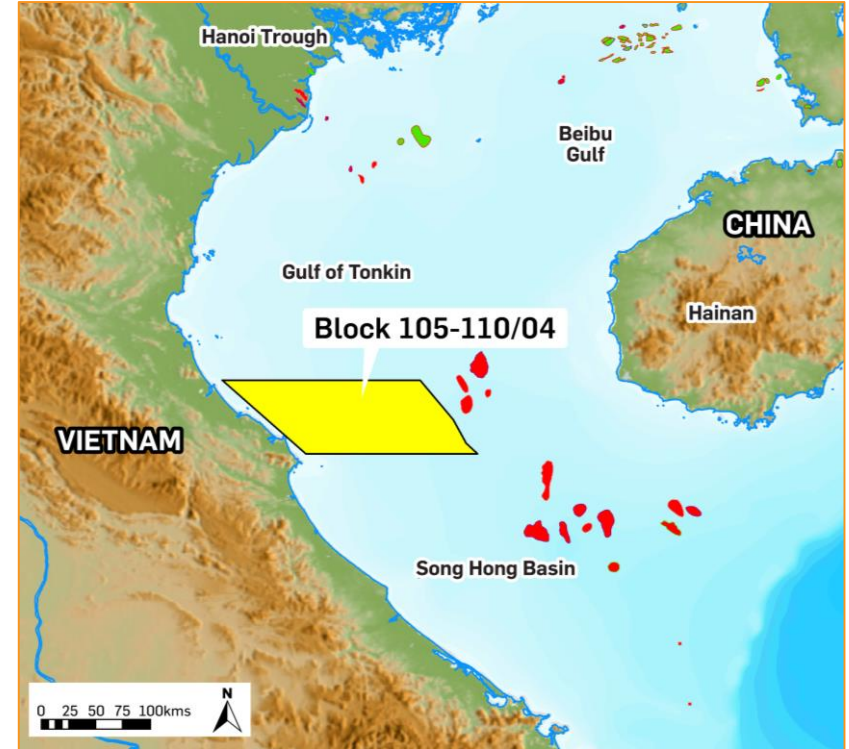
- Status: Exploration
- Area: 7,192 sq. km
- Location: Central Song Hong Basin
- Water depths: 20 to 80 metres

## Partners:

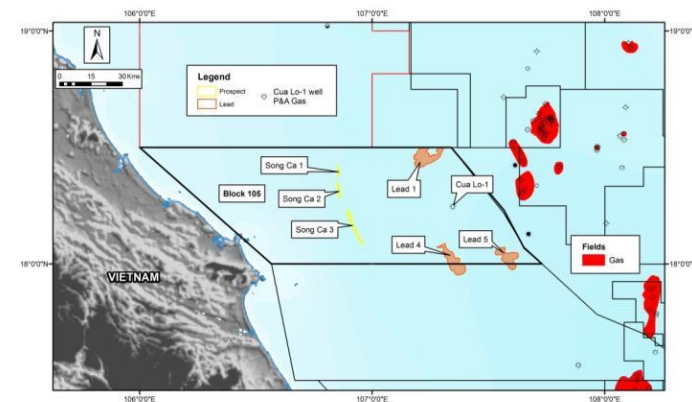
- KrisEnergy 51% (Operator)
- PetroVietnam 49%

## Geology:

- Source: Oligocene to Middle Miocene lacustrine shales and Mio-Pliocene deltaic/marine shales
- Reservoir: Oligocene to Pliocene deltaic, marginal marine and turbidite fan sands
- Trap: Tilted fault blocks, rollover and faulted anticlines and turbidite fans
- Seal: Oligocene to Pliocene regional and intra-formational shales



Oil Gas





# Exploration – Vietnam

## Block 115/09

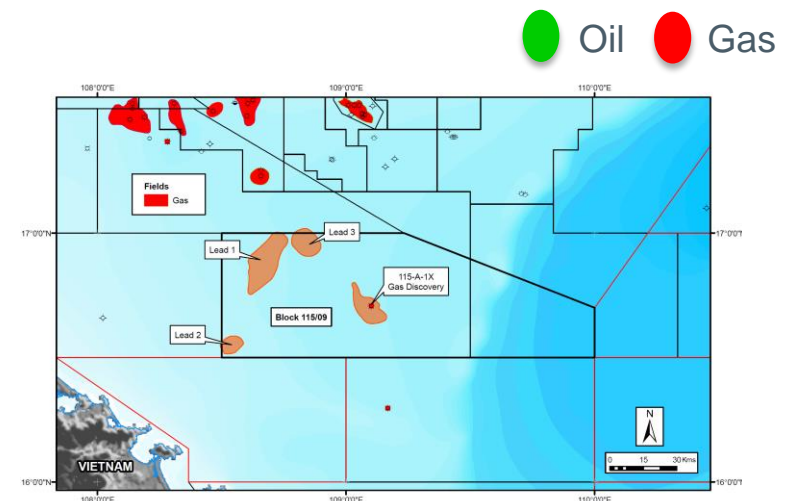
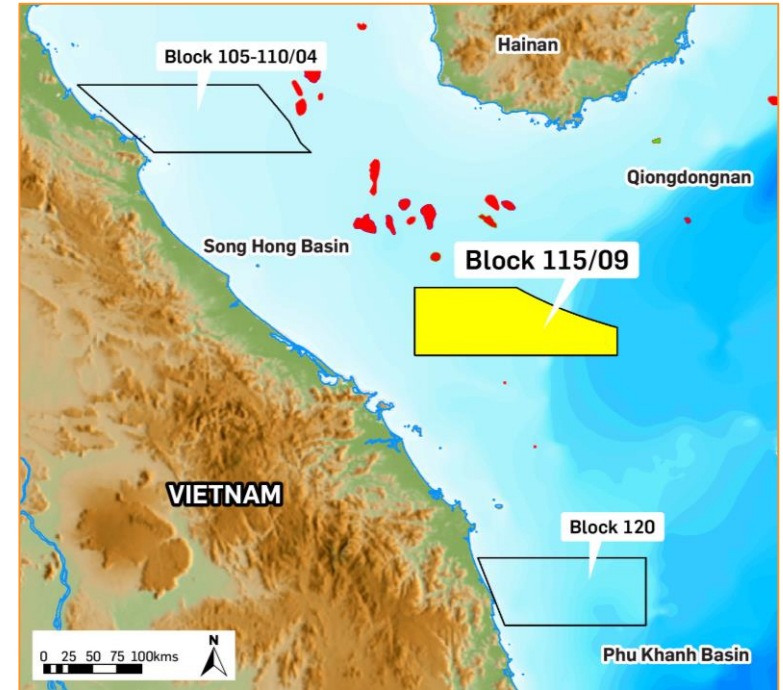
- Status: Exploration
- Area: 7,382 sq. km
- Location: Southern Song Hong Basin
- Water depths: 60 to 200 metres

## Partners:

- KrisEnergy 100% (Operator)

## Geology:

- Source: Oligo-Miocene lacustrine shales and Mio-Pliocene deltaic/marine shales
- Reservoir: Oligocene to Pliocene deltaic, marginal marine and turbidite fan sandstones
- Trap: Tilted fault blocks, faulted anticlines and turbidite fans
- Seal: Oligocene to Pliocene regional and intra-formational shales



# Exploration – Vietnam

## Block 120

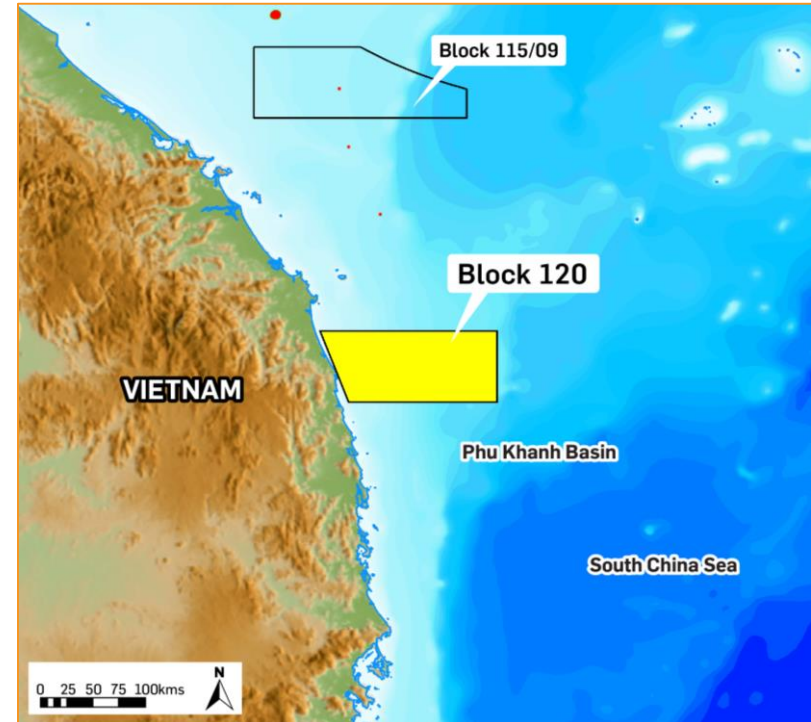
- Status: Exploration
- Area: 6,869 sq. km
- Location: Overlying Quang Ngai Graben in north and central areas, passing into Phu Khanh Basin in the south
- Water depths: 50 to 650 metres

## Partners:

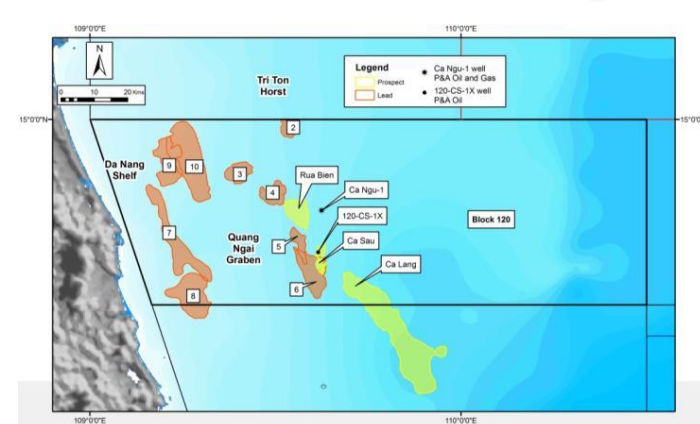
- KrisEnergy 33.33%
- Eni Vietnam 66.67% (Operator)

## Geology:

- Source: Eocene to Oligocene lacustrine shales
- Reservoir: Oligocene fluvial sands, Miocene carbonate reefs and turbidite fan sands
- Trap: Tilted fault blocks, faulted anticlines, carbonate reefs and turbidite fans
- Seal: Oligo-Miocene intra-formational shales



Oil Gas



# Exploration – Bangladesh

## SS-11

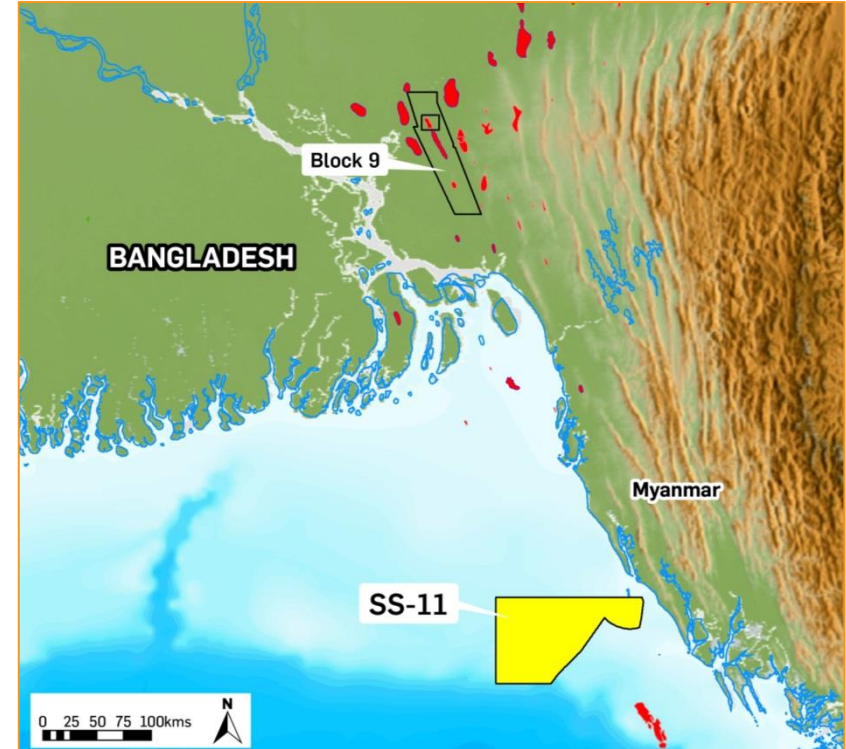
- Status: Exploration
- Area: 4,475 sq. km
- Location: Bay of Bengal over Bengal Fan
- Water depths: 200 to 1,500 metres

## Partners:

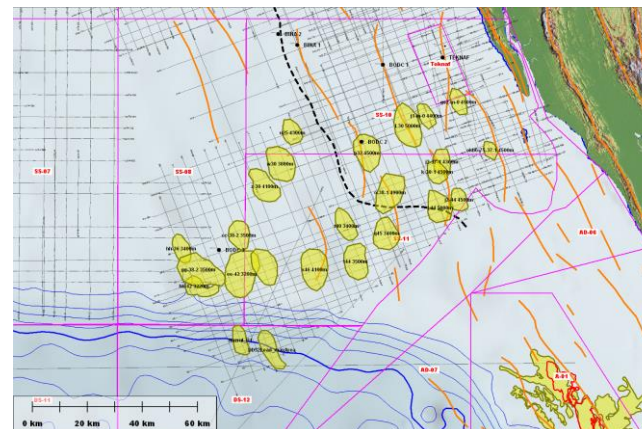
- KrisEnergy 45%
- Santos 45% (Operator)
- BAPEX 10%

## Geology:

- Source: Tertiary deltaic and marine shales with both thermogenic and biogenic potential
- Reservoir: Stacked Mio-Pliocene deltaic, slope and basin floor fan sandstones
- Trap: Structural and stratigraphic
- Seal: Intra-formational Mio-Pliocene deltaic and marine shales



● Oil ● Gas



# Disclaimer

The information in this document is in summary form and should not be relied upon as a complete and accurate representation of any matters that a potential investor should consider in evaluating KrisEnergy Ltd (the “Company”). While management has taken every effort to ensure the accuracy of the material in the presentation, neither the Company nor its advisers has verified the accuracy or completeness of the information, or any statements and opinions contained in this presentation. This presentation is provided for information purposes only, and to the maximum extent permitted by law, the Company, its officers and management exclude and disclaim any liability in respect of the authenticity, validity, accuracy, suitability or completeness of, or any errors in or omission from, any information, statement or opinion contained in this presentation or anything done in reliance on the presentation.

This presentation may contain forward looking statements. The words 'anticipate', 'believe', 'expect', 'project', 'forecast', 'estimate', 'likely', 'intend', 'should', 'could', 'may', 'target', 'plan' and other similar expressions are intended to identify forward-looking statements. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking statements. Forward-looking statements are subject to risk factors associated with the Company's business, many of which are beyond the control of the Company. It is believed that the expectations reflected in these statements are reasonable but they may be affected by a variety of variables and changes in underlying assumptions which could cause actual results or trends to differ materially from those expressed or implied in such statements. There can be no assurance that actual outcomes will not differ materially from these statements. You should not place undue reliance on forward-looking statements and neither KrisEnergy Ltd. nor any of its directors, employees, servants, advisers or agents assume any obligation to update such information.

The Company is an exploration and development company and must continue to fund its exploration, feasibility and possibly development programs through its cash reserves, equity capital or debt. Therefore the viability of the Company is dependent upon the Company's access to further capital through debt, equity or otherwise. There can be no guarantee that the Company will be able to successfully raise such finance.

This presentation should not be considered as an offer or invitation to subscribe or purchase any securities in the Company or as an inducement to make an offer or invitation with respect to those securities. No agreement to subscribe for securities in the Company will be entered into on the basis of this presentation. You should not act and refrain from acting in reliance on this presentation material. Nothing contained in this presentation constitutes investment, legal, tax or other advice. This overview of KrisEnergy Ltd. does not purport to be all inclusive or to contain all information which its recipients may require in order to make an informed assessment of the Company's prospects. Before making an investment decision, you should conduct, with the assistance of your broker or other financial or professional adviser, your own investigation in light of your particular investment needs, objectives and financial circumstances and perform your own analysis in order to satisfy yourself as to the accuracy and completeness of the information, statements and opinions contained in this presentation and making any investment decision.