

# KrisEnergy Ltd. Corporate Presentation

January 2019



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# I. Business Overview



### KrisEnergy – Building a Sustainable Upstream Company

#### **Business**



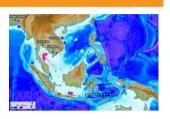
- **Core strategy** to build a sustainable upstream oil and gas E&P company in Asia
- Focus on free cash flow generation from production and the development of a number of valueenhancing projects
- Significant potential value from the Group's large inventory of exploration prospects

#### Team



- One of the most experienced (20+ years) management and technical teams in Southeast Asia with a proven track record for value creation through organic and inorganic growth
- On the ground presence in each of our operated countries ensuring seamless access to host governments and partners

#### Portfolio



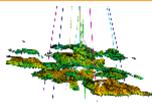
- Diverse portfolio across the E&P life cycle balancing positive cash flow from production with significant nearterm development activities and future value-enhancing exploration potential
- Portfolio management strategy to mitigate risk and to enhance future free cash flow
- 14 contract areas in Bangladesh, Cambodia, Indonesia, Thailand and Vietnam: Operator of 9 blocks
- As at 31 Dec 2017: 2P<sup>1:</sup> 83.5 mmboe 2C<sup>1</sup>: 87.3 mmboe

#### **Operations**



- 3 producing assets
- Average 9M2018 WI production 10,976 boepd<sup>2</sup>
- Infill drilling completed in B8/32; G10/48 exploration/infill drilling commenced Nov 2018
- Cambodia Block A oil production barge contract awarded, facilities and drilling contracts expected 4Q2018
- FY2018 capex guidance US\$96.8 mm, 81% allocated to producing assets and assets in development including Cambodia Block A and G10/48

#### Financial Performance



- 9M2018 financial results
- Revenue: US\$127.4 mm
- EBITDAX: US\$44.0 mm
- Lifting costs: US\$23.26/boe
- Total assets: US\$663.5 mm
- Strategy to mitigate financial risk through portfolio rationalisation; enhance free cash flow through production uplift; & allocation of capital to committed/contractual expenditure
- To execute fully integrated vendor financing for Phase 1A of Cambodia Block A Apsara development; to advance Rossukon field development in G6/48

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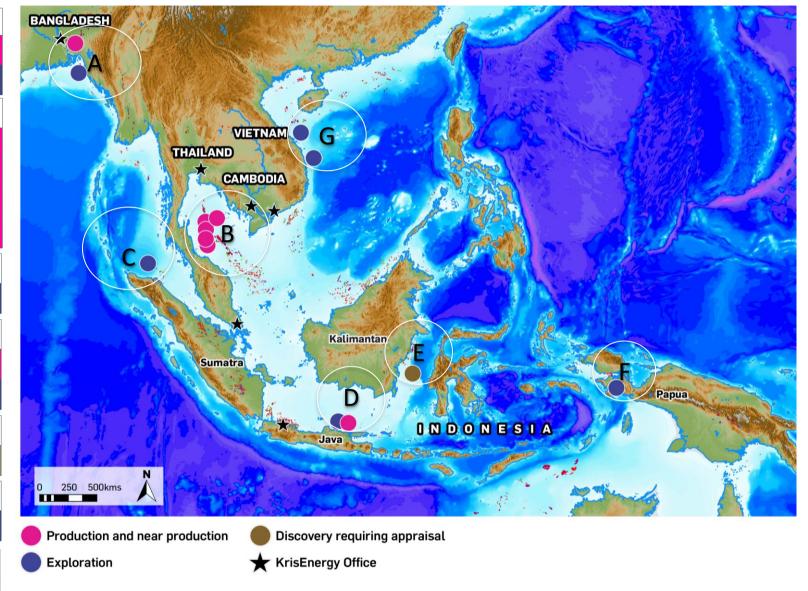
### **Our Portfolio**

KrisEnergy's portfolio comprises 14 contract areas, three in production, three under development and eight in exploration

A. Bangladesh			
Block 9	30% (Op)		
SS-11	45%		
B. Gulf of Thailand			
B8/32 & B9A <sup>1</sup>	4.6345%		
G6/48	30% (Op)		
G10/48	89% (Op)		
Cambodia Block A	95% (Op)		
C. North Sumatra			
Andaman II	30%		
D. Offshore East Ja	Iva		
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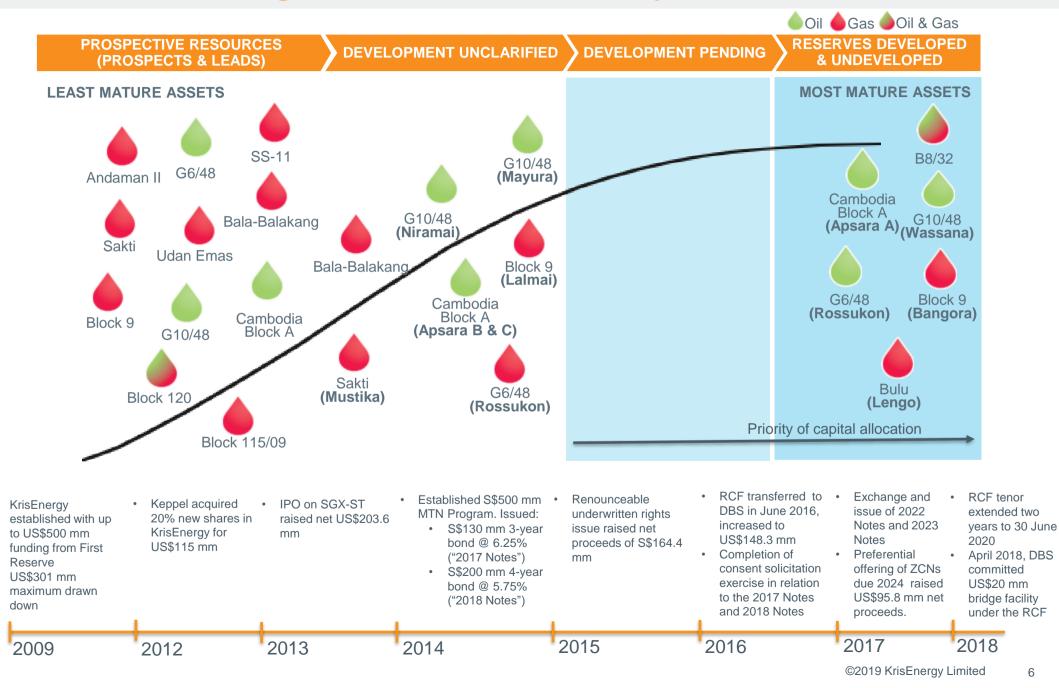
100% (Op)

Block 115/09



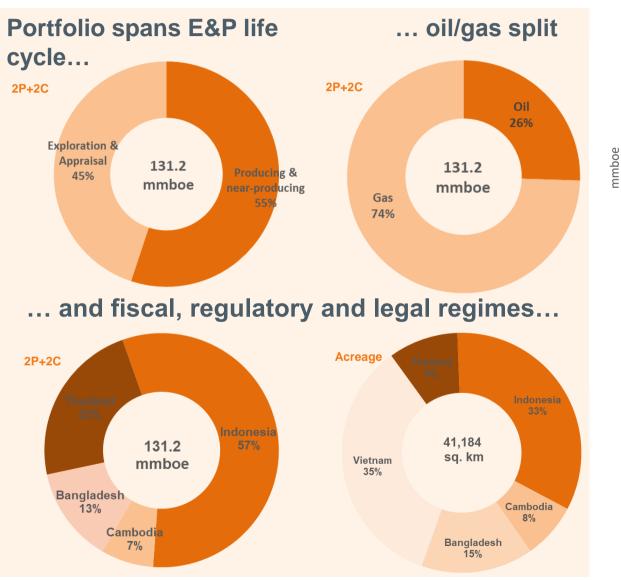
<sup>1</sup> B9A licence to be relinquished following permanent closure of Tantawan and Rajpruek field facilities in October 2017

### **Portfolio Building Across the E&P Life Cycle**

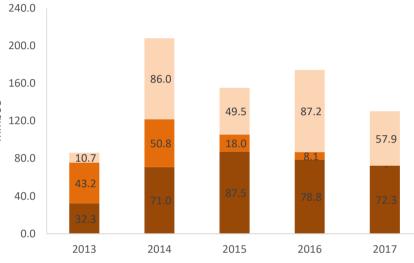


### **Balanced Portfolio of Assets**

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



#### **2P reserves and 2C resources**



2C Resources (Development Unclarified)
 2C Resources (Development Pending)
 2P Reserves

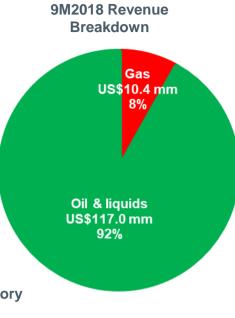
All 2P reserves and 2C resources figures are NSAI estimates each year as at 31 December<sup>1</sup>

<sup>1</sup> Reserves and resource values for 2017 were adjusted in August 2018 to account for the Company ceasing participation in the G11/48 and Block A Aceh concessions

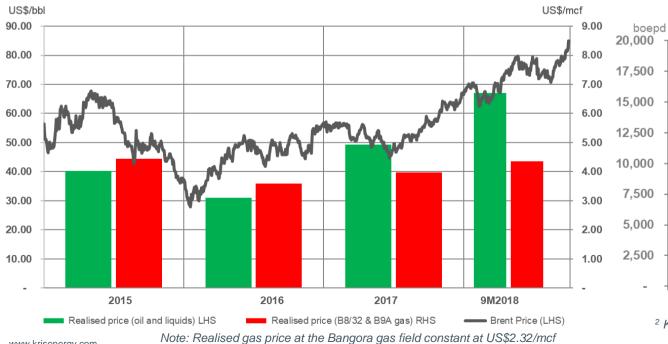
# **Financial Summary**

	2015	2016	2017	9M2018
Production Volumes (boepd)	9,692	16,136	12,745	10,976
Oil and liquids (bopd)	3,492	10,146	7,066	6,034
Gas (mmcfd)	37.2	35.9	34.1	29.7
Revenue (US\$mm)	60.2	142.8	140.7	127.4
EBITDAX (US\$mm)	37.2	51.1	26.8	44.0
Avg. lifting costs (US\$/boe) (1)	14.51	14.83	19.64	23.26

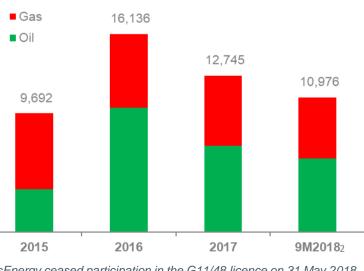
<sup>1</sup> Calculation of average lifting cost has been revised to reflect the Group's working interest share of joint-venture operating expenditure incurred versus production in the same period



#### **Realised Oil and Gas Prices vs Brent**



**Production History** 



<sup>2</sup> KrisEnergy ceased participation in the G11/48 licence on 31 May 2018

### **Group Capital Structure**

#### **Debt Facilities**

#### **US\$168.3 mm Secured Revolving Credit Facility**

- In 1Q2018, RCF maturity extended by two years to June 2020
- Maturity of US\$20 mm bridge facility extended in October 2018 to 8 January 2019

#### US\$34.4 mm Unsecured Term Loan due Feb 2022

Termination of cross currency swap

#### S\$130.0 mm 4% Senior Unsecured Notes due June 2022 S\$200.0 mm 4% Senior Unsecured Notes due Aug 2023

- Replaced maintenance financial covenants with debt incurrence covenants
- Brent-linked coupon kicker

#### S\$139.5 mm Zero Coupon Notes due Jan 2024

Issued with detachable warrants

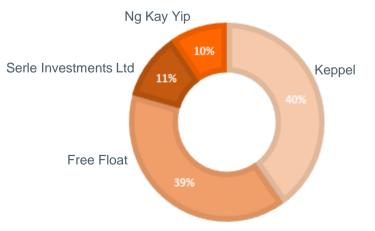
#### Capitalisation (US\$ mm)

Unaudited as at 30 September 2018

Cash and bank balances <sup>3</sup>	56.2
Debt	426.3
RCF	138.3
Unsecured Term Loan	34.4
2022 Notes <sup>1</sup>	73.1
2023 Notes <sup>1</sup>	114.7
2024 Zero Coupon Note <sup>1</sup>	65.8
Equity	97.6
Total capitalisation	523.9

Gearing as at 30 September 2018 was 81.8%

### Equity holders as at 30 September 2018<sup>2</sup>



<sup>1</sup> Discounted value

<sup>2</sup> As at 30 September 2018, the Company's issued share capital was 1,502,849,065 ordinary shares and 1,255,172,256 outstanding warrants, with strike price of \$\$0.11/share

<sup>3</sup> Including amounts held under joint operations

### Capital Expenditure (US\$ mm)

CAPEX by Country (Net to KrisEnergy)	FY2018 Forecast (as at Feb 2018)	1H2018 Actual	FY2018 Forecast (as at Aug 2018)
CAPEX for producing assets	54.9	20.5	45.8
Bangladesh	0.6	0.1	0.4
Thailand <sup>(1)</sup>	54.3	20.4	45.4
CAPEX for non-producing assets under development	41.1	5.8	33.0
Cambodia <sup>(2)</sup>	39.4	5.5	30.0
Thailand	1.7	0.3	2.9
CAPEX for non-producing exploration assets	18.8	4.1	18.1
Indonesia	5.0	2.4	4.5
Bangladesh	3.0	1.4	2.9
Vietnam	10.8	0.2	10.7
TOTAL CAPEX	114.8	30.3	96.8

Note: Totals may not add up due to rounding. 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 2018 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

(1) Excludes capital expenditure relating to KrisEnergy's working interest in the B8/32 concession

(2) Includes capital expenditure relating to the production barge

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### **Experienced Team with Track Record**

The majority of our management and senior technical team have worked together for more than a decade and have an established reputation in Southeast Asia and Australasia

Kelvin Tang Chief Executive Officer President, Cambodia	<ul> <li>&gt;18 years legal experience</li> <li>Former General Counsel for Aabar and Pearl Energy</li> <li>Member of AIPN</li> </ul>	Brian Helyer VP Operations	<ul> <li>&gt;30 years offshore O&amp;G experience</li> <li>Prior roles with Petrofac in SEA, UK and Tunisia</li> </ul>
Kiran Raj Chief Financial Officer	<ul> <li>&gt;20 years corporate finance experience in Australasia</li> <li>Qualified Chartered Accountant with ICAA</li> <li>Former CLSA Director, Investment Banking and CEO of BCA</li> </ul>	Michael Whibley VP Technical	<ul> <li>&gt;35 years of E&amp;P technical and business development experience, &gt;25 years in SEA</li> <li>Technical roles in Mubadala, Hess, Pearl, Santos and Apache</li> </ul>
James Parkin Chief Operating Officer	<ul> <li>&gt;38 years of O&amp;G experience, &gt;30 in SEA</li> <li>Former Regional VP Pearl, Team Leader East Java at Gulf Indonesia/ConocoPhilips</li> </ul>	Chris Wilson VP Commercial	<ul> <li>&gt;20 years corporate finance and business development experience in Asia</li> <li>Former financial advisor Pearl</li> <li>Member of AIPN</li> </ul>
Tim Kelly VP Engineering	<ul> <li>&gt;30 years O&amp;G experience, &gt;23 in SEA</li> <li>Former Corporate Petroleum Eng. Manager for Pearl and DST Specialist with ExxonMobil</li> </ul>	Sally Ting General Counsel Joint Company Secretary	<ul> <li>&gt;18 years of legal and oil &amp; gas experience</li> <li>Former Regional Counsel for Salamander and Ophir Energy (Southeast Asia)</li> </ul>



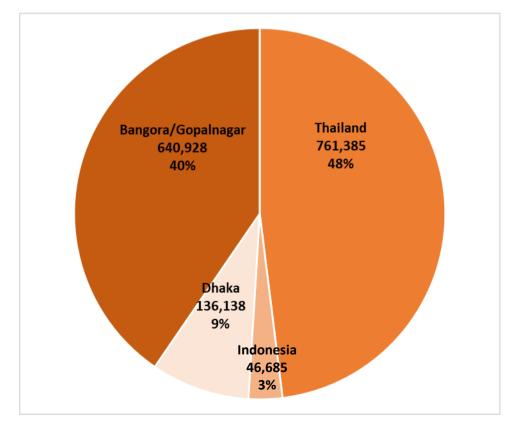




### **EHSS Update**

### Man-Hours (KrisEnergy-operated assets)

From 1 January 2018 to 31 December 2018, KrisEnergy recorded 1,585,136 man-hours on operated assets with one lost time injury in March 2018

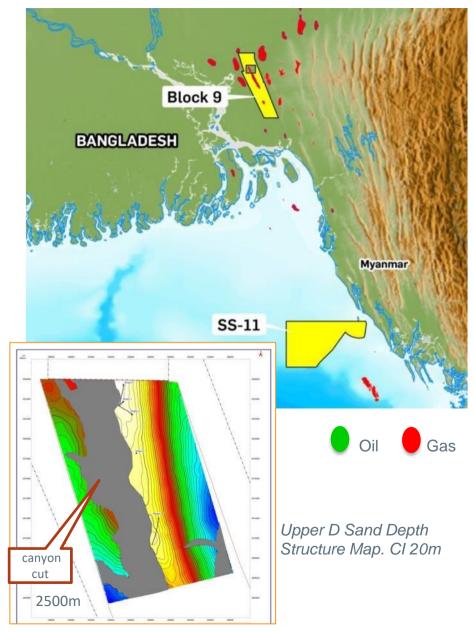




- KrisEnergy has maintained OHSAS 18001 and ISO 14001 certification for its offices in Dhaka, Bangladesh; Jakarta in Indonesia and Singapore, as well as the Bangora gas field operations onshore Bangladesh.
- Work is underway to extend certification to KrisEnergy-operated fields in the Gulf of Thailand.

### **Bangladesh: Production with Exploration Growth Potential**

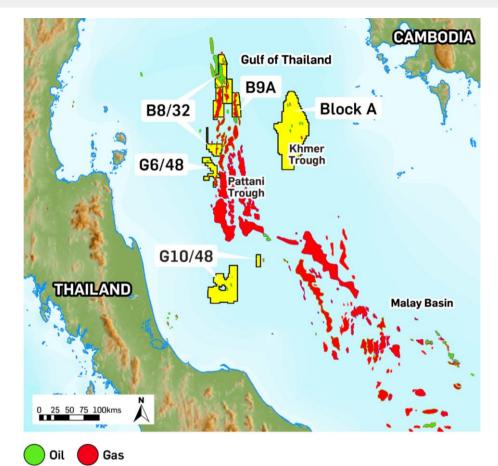
- Onshore Bangora gas field producing approximately 100 mmcfd gross providing cash flow. Remaining working interest 2P reserves at 97.0 bcf<sup>1</sup> of gas and 240,000 barrels<sup>1</sup> of condensate
- High-calibre team in Dhaka and on field location
- Good potential for in-country portfolio growth:
  - Future development potential in Block 9 as well as exploration potential in the southern portion of the licence
  - Award of SS-11 exploration licence in March 2014, KrisEnergy 45% non-operator
    - 3,146 km 2D seismic acquisition completed in 2015
    - 300 sq. km 3D seismic acquisition completed in May 2018



<sup>1</sup> NSAI estimate as at 31 December 2017 www.krisenergy.com

### **Gulf of Thailand: Production, Development & Exploration Success**

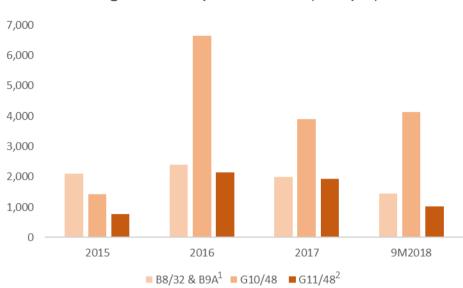
- Core production and development area:
  - Four licences<sup>1</sup> in Thai waters, one in Cambodia
  - KrisEnergy operator of G10/48, G6/48 and Cambodia Block A
  - Low cost shallow water development concepts
- Decades of experience in bringing fields in the Gulf of Thailand through development and into production
- Cash flow from production and upside potential from development and exploration:
  - B8/32 & B9A<sup>1</sup> has produced 466 mmboe (gross up to 31 December 2017); and working interest 2P reserves 6.8 mmboe remaining<sup>2</sup>
  - G10/48 Montha-1 exploration well commenced drilling 12 November 2018; followed by three infill wells in Wassana production area
  - G6/48: successful exploration in 2015 resulted in approved production licence; preparations for FEED tender underway



- Cambodia Block A Apsara oil project approved in October 2017:
  - Production barge contract awarded November 2018
  - Drilling & facilities contracts expected to be awarded shortly

<sup>1</sup> KrisEnergy exited the G11/48 licence on 31 May 2018. The B9A licence to be relinquished following closure of Tantawan and Rajpruek fields in October 2017 <sup>2</sup> NSAI estimate as at 31 December 2017 www.krisenergy.com

# **Gulf of Thailand Production: 9M2018**



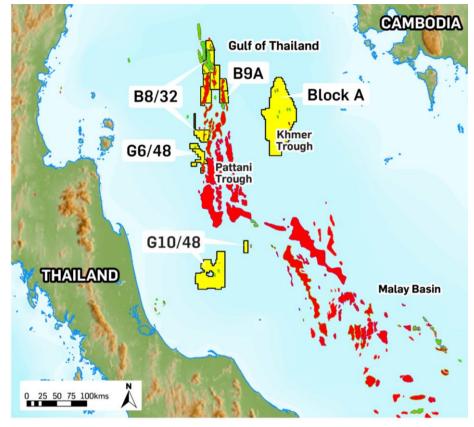
Net working interest production (boepd)

• Wassana, G10/48: oil production

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- Average working interest production 4,129 bopd in 9M2018
- Repairs to 6-inch subsea flowline completed, crude production through 4inch line
- Three infill wells plus one contingent infill well to commence drilling in December 2018 after Montha-1 exploration well

<sup>1</sup> B9A licence to be relinquished after closure of Tantawan and Rajpruek fields in October 2017 <sup>2</sup> KrisEnergy ceased participation in the G11/48 licence on 31 May 2018



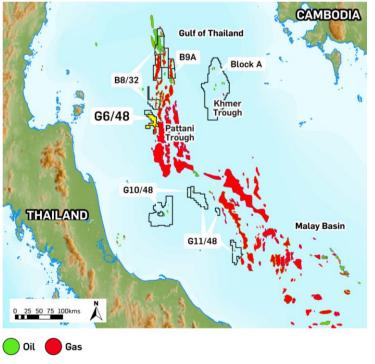
🔵 Oil 🛛 🛑 Gas

- B8/32: oil and gas production
  - Average working interest production 1,443 boepd in 9M2018
  - Main Benchamas field on 22-day scheduled shutdown in April 2018 for new FSO vessel
  - 13 infill wells drilled in 2018; 43 infill wells planned in 2019

## **Gulf of Thailand Development: Unlocking Near-Term Growth**

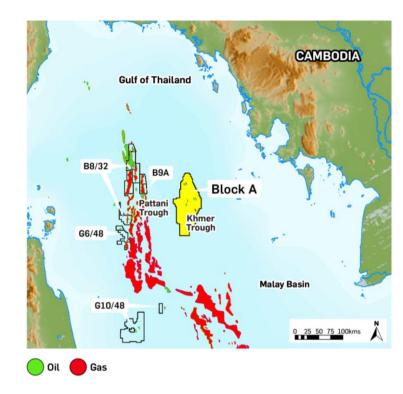
### **Cambodia Block A**

- Phase 1A development of Apsara area targeting single platform with peak production 8,000 bopd with first oil target in 2019
- Production barge refurbishment contract awarded in Nov 2018
- Drilling and facilities bids submitted July 2018: contract awards expected in 4Q2018
- Potential for up to nine additional platforms in Apsara area
- Working interest 2P reserves 8.1 mmbo<sup>1</sup> associated with Phase 1A; 1.65 mmboe<sup>1</sup> 2C resources associated with later phases



**G6/48** 

- Two 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
- FEED for platform and pipelines to floating storage offloading vessel expected to be awarded in 4Q2018
- 2C resource conversion to working interest 3.5 mmbo<sup>1</sup> 2P reserves



### **Development: Indonesia Gas**

### **Bulu PSC**

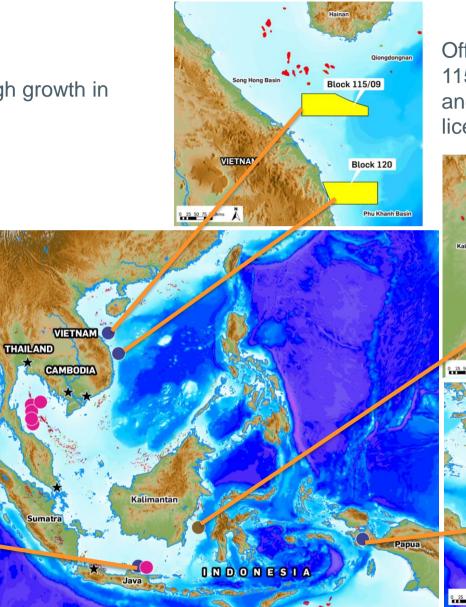
- Lengo gas field plan of development approved December 2014; FEED study and prequalification completed for EPCI tender
- Memorandum of understanding in place for gas sales and negotiations are live
- Lengo production expected to commence 24
  months after final investment decision
- Production expected to plateau at 70 mmcfd
- 25.4 mmboe<sup>1</sup> working interest 2P reserves and potential to provide an annuity income stream to mitigate volatility in oil prices



### **Exploration: Indonesia & Vietnam Gas Potential**

Indonesia gas potential with high growth in domestic demand





Offshore Vietnam Block 115/09 and Block 120 oil and/or gas exploration licences



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### **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
- Our objective is to be the "partner of choice" for national and international upstream oil and gas companies

