



**2020**  
**MALAYSIA**  
**BIDDING ROUND**

# NEW INVESTMENT OPPORTUNITIES:

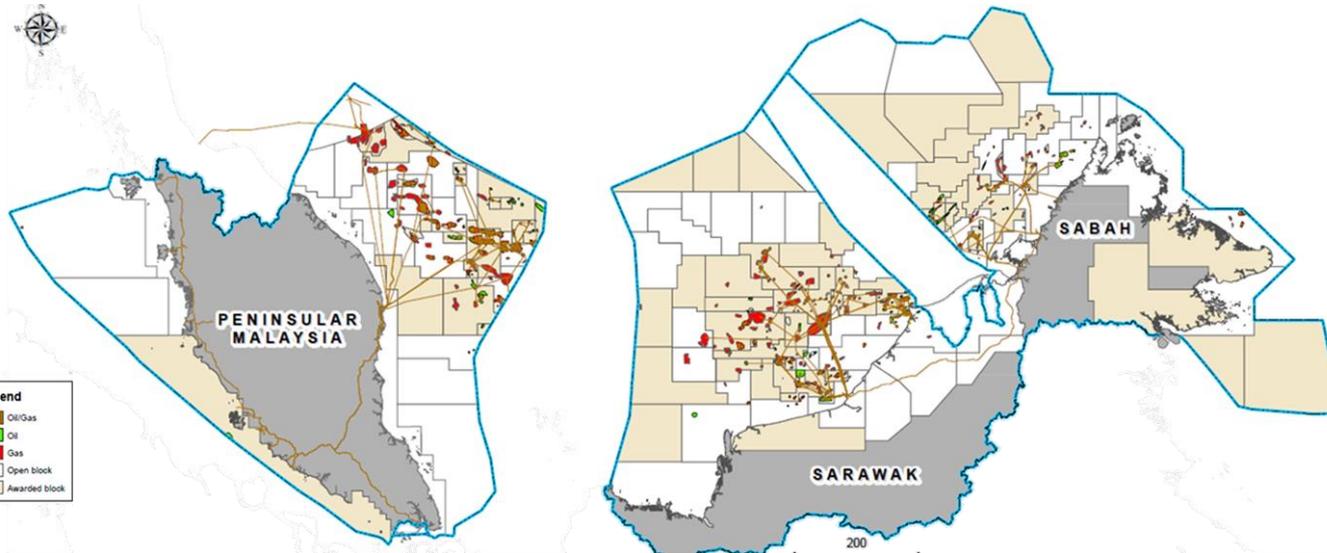
*DISCOVERED RESOURCE OPPORTUNITIES (DROs), LATE LIFE ASSETS (LLA) AND EXPLORATION*

Netherlands Embassy/MDBC Webinar  
2 June 2020

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# Malaysia E&P landscape



**>30MMBOE**

of resources are yet to be discovered through Existing & Emerging Plays

**37%** Frontier areas

**>12 BBOE**

CR resources to be developed

**493** Discovered fields

**226** DRO in Malaysia

**380**  
Offshore Platform

**13**  
PFLNG, FPSO & FSO

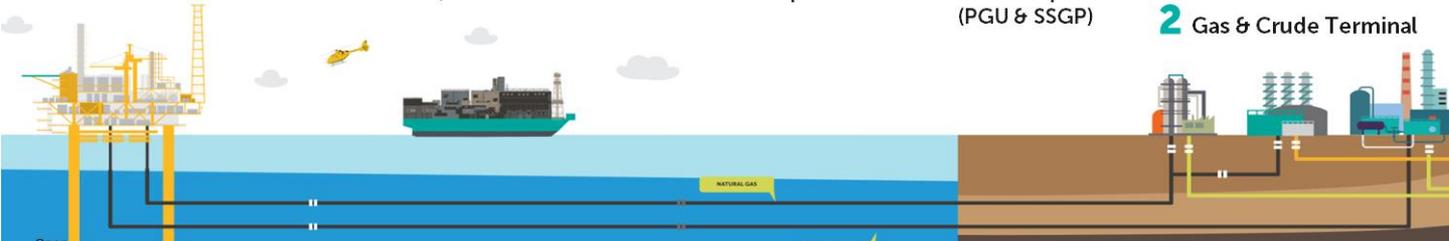
**12,000km**  
Offshore Pipeline

**3,100km**  
Onshore Pipeline  
(PGU & SSGP)

**4** Crude Terminal

**7** Gas Terminal

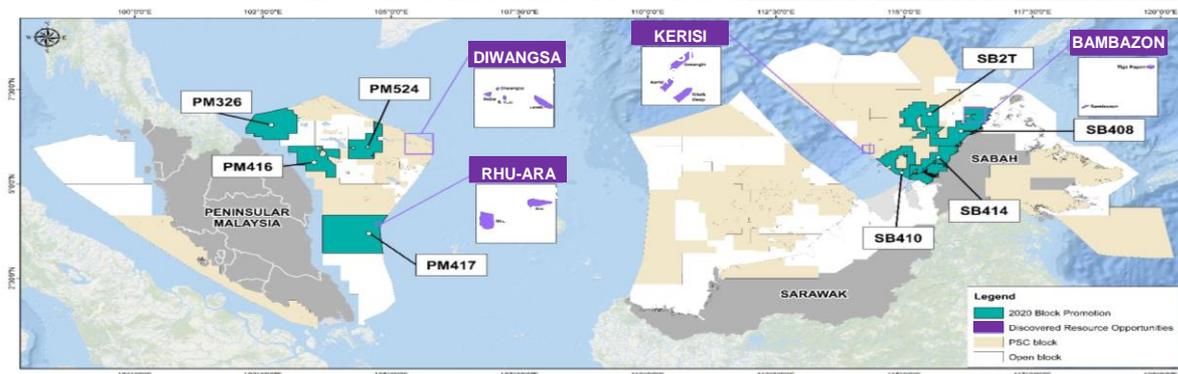
**2** Gas & Crude Terminal



**8** Exploration blocks (4 Fields)  
**4** DRO Clusters (11 Fields)

**54,574** km<sup>2</sup> Acreage on offer

**01 Jul**  
Bid Submission  
Exploration blocks  
**30 Nov**  
Bid Submission  
DRO Clusters



**8**  
Exploration  
Blocks

PM326	SB2T
PM416	SB408
PM417	SB410
PM524	SB414

**4**  
DRO  
Clusters

DIWANGSA  
RHU-ARA  
KERISI  
BAMBAZON

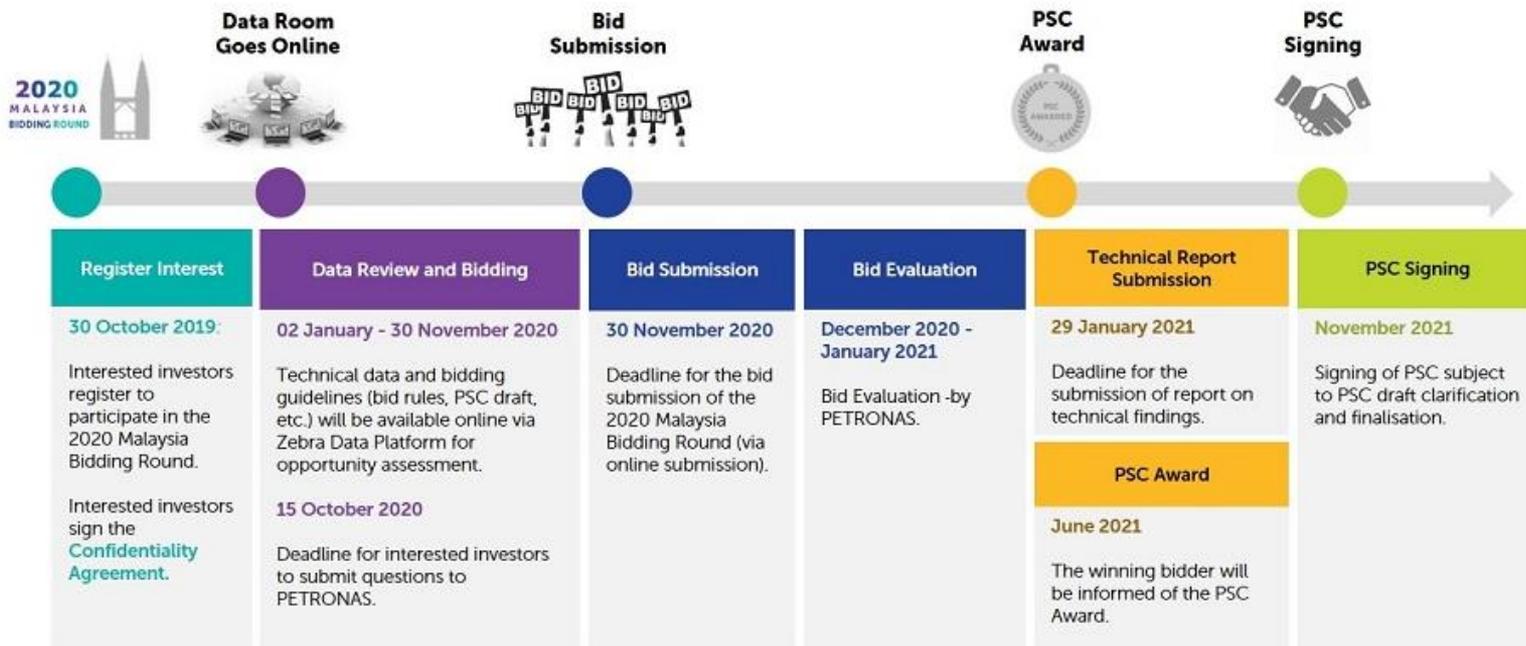
Open for Technical Data Review:

<b>5</b> High CO <sub>2</sub> DROs	BUJANG INAS GULING SEPAT TUJOH
<b>2</b> Late Life Assets	TEMBUNGO MASA CLUSTER (MALONG, ANDING, SOTONG)

Malaysia – G&G Data Coverage

Seismic 2D <b>180,000</b> line km	Seismic 3D <b>220,000</b> km <sup>2</sup>	Multi Client <b>50,000</b> km <sup>2</sup>	FTG <b>200,000</b> line km	Exploration Wells <b>&gt;1,200</b>

## Timeline for 2020 MBR Process (DRO Clusters)



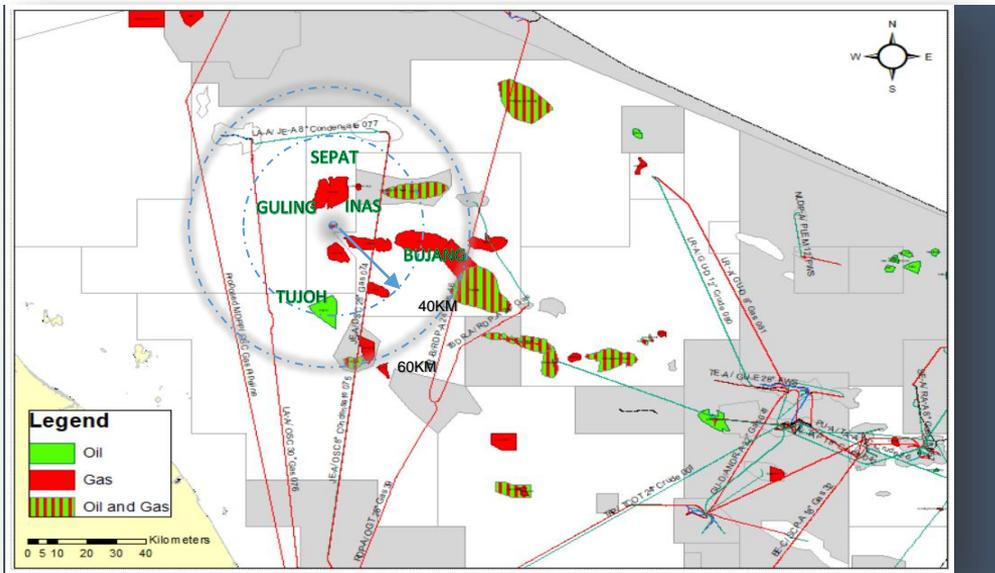
*Exploration block bid submission will be on the 1 of July 2020*

### Important Note:

- \* Submission of bid proposal for PM417 block together with Rhu-Ara cluster to follow DRO clusters timeline
- \* Submission of bid proposal for Rhu-Ara cluster only to follow DRO clusters timeline
- \* Submission of bid proposal for PM417 block only to follow Exploration blocks timeline



## BIGST CLUSTER



Large resources in place are locked by significant amount of CO<sub>2</sub> content requiring innovative solutions

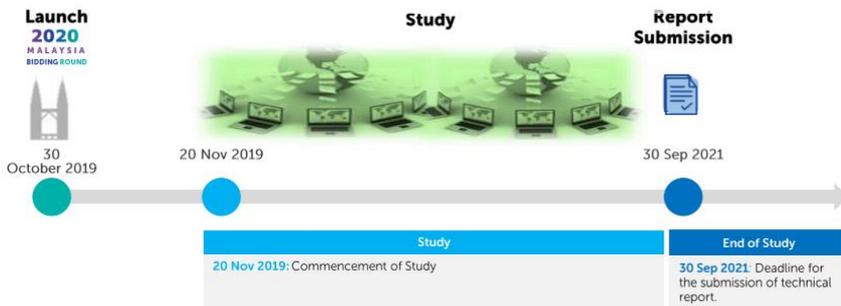
- 1
- 2
- 3
- 4

The cluster (Bujang, Inas, Guling, Sepat and Tujoh) is located ~130 km North-East Kuala Terengganu with estimated gas in place of ~ 16,000 BSCF.

BIGST are within 40 km radius of each other creating the opportunity for cluster development.

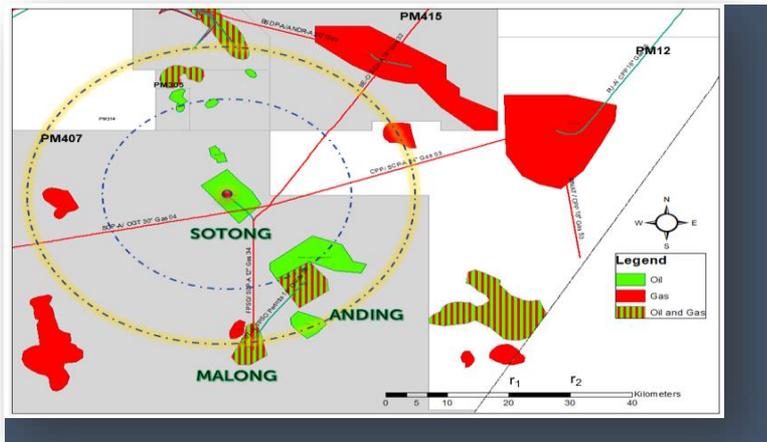
Proven presence of condensate and sweet gas in several layers across the fields.

Surrounded by gas producing fields and hub for development synergies.



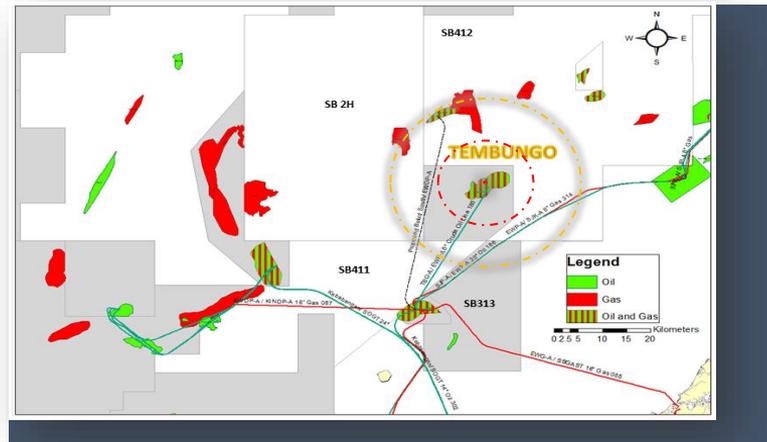
A right-fit operator focusing on improved performance, maturation of contingent resources and cost reduction can prolong the field life of LLAs

## MASA CLUSTER



Good reactivation strategy coupled with “low-cost” operation are the key success factors for MASA

## TEMBUNGO FIELD



Maturing upside potentials with innovative operation strategy are key factors in enhancing Tembungo's value

2020 MBR

CA

Technical Study



2020 MBR  
Launching



Study

5 Nov '19: Issue CA and agreement  
20 Nov '19: Commencement of Data Review  
30 June '20: End of Data Review



EOI  
July '20

Malaysia PSC terms have evolved and enhanced to customize the PSC to fit the right opportunities



- 01 Ensure **fair returns/rewards** to successful investors based on prospectivity & level of risk
- 02 Encourage **re-investment to sustain production life** of discovered fields and finding new discoveries
- 03 **Adopt partnership approach** in dealing with foreign investors
- 04 Create **conductive work environment** to facilitate business activities



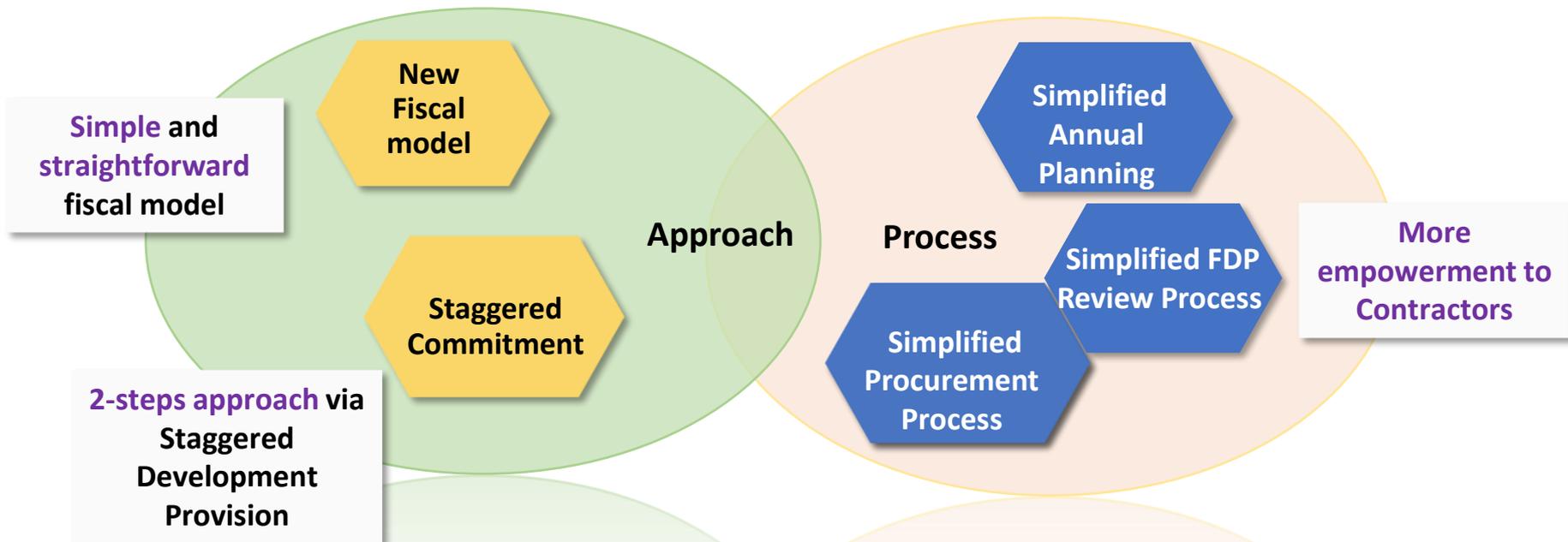
### Non-Fiscal PSC Terms Enhancement

*Making our PSCs more attractive*

- ✓ New Process Simplification for LLA & SFA
- ✓ Longer & Phased Exploration Period
- ✓ Joint Studies Arrangements
- ✓ Improved Bank Guarantee

Notes: LLA PSC is currently undergoing pilot testing within PETRONAS

Suitable ecosystem for Small Field Assets



HSSE and Asset Integrity remains as PETRONAS' top priority while empowering contractors through simplified processes and governance

### Proposed Process Simplifications



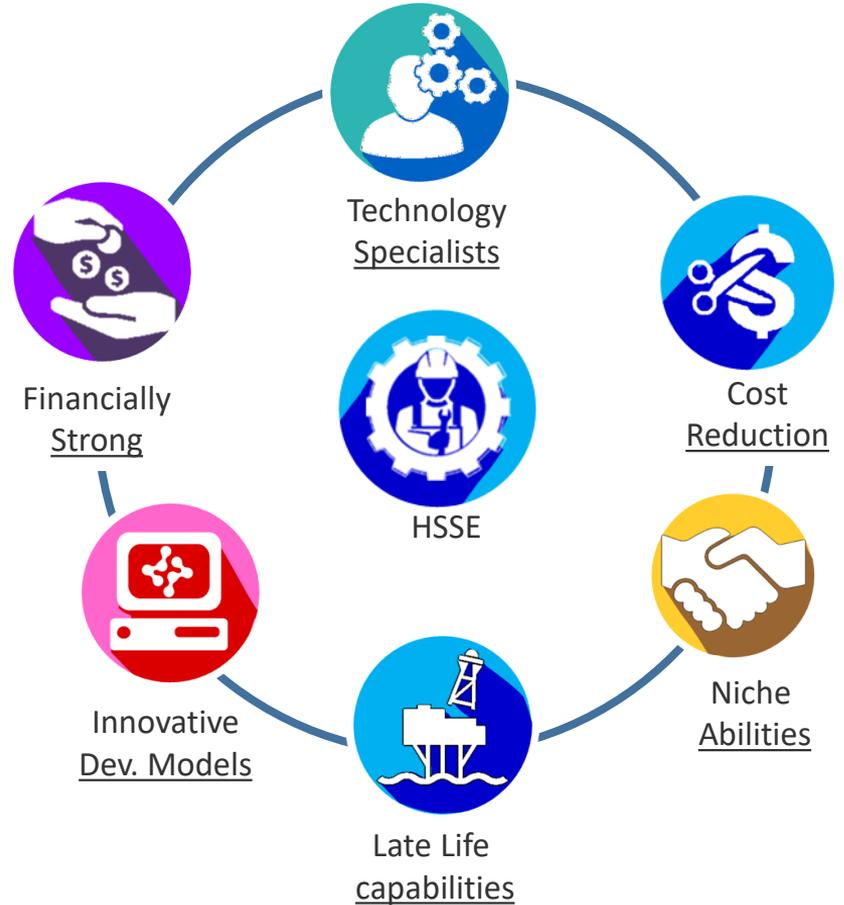
**Right Contractor**  
Low Cost, Nimble Operator with experienced management team

### Critical Areas to remain closely scrutinized

What matters



What are we looking for.....



# Contact Us

For any enquiries, please contact:

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**THANK YOU**