Introduction
As custodian of Malaysia’s oil and gas resources, PETRONAS constantly strives to advance exploration and production (E&P) activities in the country. PETRONAS promotes exploration investments as well as facilitate oil and gas development and production activities through a Production Sharing Contract (PSC) mechanism. We also strive to optimise Malaysia’s upstream assets and manage all E&P activities in the country, ensuring a conducive and progressive business environment.

The Malaysia Petroleum Management (MPM) of PETRONAS acts as resource owner and the manager of Malaysia’s domestic oil and gas assets. MPM manages the optimal exploitation of hydrocarbon resources and enhances the prospectivity of domestic acreages to attract investment and protect national interest. One of the key drivers of our business growth is deepwater E&P, with many positive prospects emerging in Malaysian acreages.

With attractive PSC terms, Malaysia has seen the entry of a number of new players and a steady increase in investments in the upstream sector.
Domestic E & P

- Number of PSC currently active: 100
- Number of RSC: 5
- Open Blocks: 44
- Producing fields: 93 oil fields and 67 gas fields
- Production (2015):
  - Oil – 556 kb/d
  - Gas – 6217 mmscf/d
  - Condensate – 106 kb/d

*as at 31 Dec 2015*
Recent Discoveries in Malaysia

- **Clastics Discoveries**
- **Carbonate Discoveries**
- **Deepwater**

**As of Dec 2015**

- **1** 1ST OIL IN SARAWAK BASEMENT
- **2** STRATIGRAPHIC TRAP
- **3** PETRONAS
- **4** STRUTRUCTURAL & BASEMENT PLAY
- **5** SABAH

**PENINSULAR MALAYSIA**

**SARAWAK**

**SABAH**
Exploration Opportunities 2016

NINE (9) EXPLORATION BLOCKS OFFERED

- Exploration PSC
- Exploration PSC packaged with fields
Exploration Opportunities 2016
Peninsular Malaysia
- Four (4) blocks offered

Legend
- Open Blocks
- PSC
- 2016 Blocks

EXPLORATION PSC

EXPLORATION PSC WITH FIELD

EXPLORATION PSC WITH FIELD

EXPLORATION PSC
Offshore Block WM2-00
Exploration PSC packaged with fields

Type: Shallow Water | Block Size: 5829 sq km | Water Depth: 50-70m | Fields Offered: Bedong, Noring & Tujo

Dataset: 5320 line km 2D Seismic | 2242 sq km 3D Seismic | 5 wells

Location Map

Seismic Coverage Map

Play Map

The structure is a large West-East trans-compressional fold and encompassed 2 culminations namely Sepat Barat and Sepat Main. These two culminations are separated by a saddle in between.

Potential Oil Rim Zone
**Offshore Block SM2-00**

*Exploration PSC packaged with field*

- **Type:** Shallow Water
- **Block Size:** 4187 sq km
- **Water Depth:** 50-70m
- **Fields Offered:** Chenang

**Dataset:**
- 4356 line km 2D Seismic
- 2316 sq km 3D Seismic
- 12 wells

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**Location Map**

**Seismic Coverage Map**

**Play Map**

*Regional seismic line of Malay Basin showing the petroleum system and structural elements in SM2-00 and SM3-00*
Offshore Block SM2-00

The continuation of I-35 channel complex play fairway from SM2-00 to Angsi Complex

A - Group H – proven gas play
B - Group I and J – channel play
C - Structural traps enhanced by amplitude
D - K sand pinchout play
E - Group L – incised valley play
F - Sand on basement high
G - Fractured basement play
H - Possible fracture zones from enhanced seismic processing
Exploration Opportunities 2016
Sarawak– Onshore Exploration

SK5-00
EXPLORATION PSC WITH FIELD

SK2-00 & SK3-00
EXPLORATION PSC

Legend
- Open Blocks
- PSC
- 2016 Blocks
**Onshore Block SK5-00**

**Exploration PSC packaged with fields**

**Type:** Onshore  |  **Block Size:** 3839 sq km  |  **Offered Field:** Adong Kecil West

**Dataset:** 7580 line km 2D Seismic | 186 sq km 3D Seismic | 118 wells

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An example of topset highstand delta shoreface play. The illustrated prospect was drilled as Adong Kecil West in 2013 resulted in an oil and gas discovery, the first onshore finding since the Asam Paya oil discovery in 1989 along the same structural trend.
Onshore Block **SK2-00 & SK3-00**

**Exploration PSC**

- **Type:** Onshore
- **Block Size:** 6357 sq km (SK2-00) & 2996 sq km (SK3-00)

**Dataset:**
- 685 (SK2-00) & 70 (SK3-00) line km 2D Seismic
- 8 wells
- 325 line km EM-IP Data
- FTG

*Newly acquired FTG data indicates local kitchens with hydrocarbon generating potential*

*Surface geochemistry survey conducted in end of 2015 confirms the presence of active petroleum system in the Tinjar area.*
Exploration Opportunities 2016
Sabah – North West & East Sabah Basin
Offshore Block *IB10-00* 
*Exploration PSC*

**Type:** Shallow Water  |  **Block Size:** 4556 sq km  |  **Water Depth:** 10-70m  |

**Dataset:** 6277 line km 2D Seismic  |  **1481 sq km 3D Seismic**  |  4 wells

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**Location Map**

**Seismic Coverage Map**

**Reservoir Fairway (Stage IVA-F)**

A: Channel Play  
B: Sand progradational mound play  
C: 4-way dip carbonate build-ups  
D: Basement drapes  
E: Fracture Crocker Basement play  
F: Synrift section (Stage IVA)  
G: Structural closure against normal fault

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**Seismic Coverage Map**

**Reservoir Fairway (Stage IVA-F)**
Other Exploration Opportunities
Summary: MALAYSIA - Destination of Choice

- Recent successes prove that our basins offer plenty of opportunities, deeper plays are proven rewarding.

- Excellent infrastructures and facilities to support new discoveries and increasing demands for energy in SE Asia.

- 9 offered blocks for the main promotional round, and the other 10 in series of mini bid rounds.

- Attractive exploration packages with mutually rewarding fiscal terms – Exploration PSC with and without fields.

We are a supportive regulator in optimal exploitation of hydrocarbon resources.

We look forward to do the business together towards a common goal.
"Thank You"

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