OIL STATISTICS AND ISSUES
The 17th APEC Workshop on Energy Statistics

Tokyo, 11-13 June 2019
Center for Data & Information Technology on Energy & Mineral Resources
How to Collect The Data

Obstacles:
- differences in availability data source;
- differences in standards and formats of data;
- limitations of data managers; and
- technology system

* Source: Industry (Business Entity)
Data Used For?

10. EBTKE ➔ KAPUSDATIN
9. MESDM ➔ APEC
8. JODI
7. Kementerian/Lembaga ➔ MESDM

Data Services for Other Ministry

6. Data Request from Central Bank ➔ KAPUSDATIN
5. Data Request from Tax Office ➔ KAPUSDATIN

Data Management

OPEC
www.opec.org/

KAPUSDATIN ➔ MESDM ➔ MIGAS

Daily Report
Kapusdatin ➔ MESDM

Weekly Report
Kapusdatin ➔ MESDM

Executive Information System

Data Request
Kapusdatin ➔ MESDM

MESDM ➔ Kapusdatin

Oil and Gas Upstream

Oil and Gas Upstream Data Management
ONE MAP POLICY

https://geoportal.esdm.go.id
INDONESIAN DEVELOPMENT OF OIL RESERVE
2010 - 2018

<table>
<thead>
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<th>Year</th>
<th>Terbukti</th>
<th>Potensial</th>
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INDONESIAN DISTRIBUTION OF OIL RESERVE
STATUS 01.01.2018

P1 = Terbukti
P2 = Mungkin
P3 = Harapan
INDONESIAN OF OIL PRODUCTION
2010 - 2018

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INDONESIAN DEVELOPMENT OF GAS RESERVE
2010 - 2018
INDONESIAN DISTRIBUTION OF GAS RESERVE
STATUS 01.01.2018

P1 = Terbukti
P2 = Mungkin
P3 = Harapan

INDONESIA 135.55 TSCF
DEVELOPING OIL AND GAS STRATEGIC PROJECTS

JANGKRIK
- Indonesia oil and gas offshore project
- Operated May 2017 (earlier than target June 2017)
- Gas production 682 mmscfd

JAMBARAN TIUNG BIRU
- Groundbreaking Sept 2017 after indecisive for sometime
- Saving state revenue around US$ 0.5 billion (investment becomes US$ 1.5 billion)
- Gas sales 172 mmscfd, distributed for power project and industries in East Java and Central Java
- Gas sales price: US$ 7.6/mmbtu (flat)
- Absorbed 6,000 workforce

MASELA
- Decision is to develop onshore after being indecisive for some time
- To stimulate the local economics (petrochemical projects)
- Saving state revenue
- Currently undertaking PreFEED to determine the capacity and location of LNG facility
MAHAKAM GAS BLOCK ENTRUSTED TO PERTAMINA

After more than 50 years managed by TOTAL E&P, by Jan 1st, 2018 the giant Indonesia’s gas block has been managed by PERTAMINA.

The operating costs must be most efficient and production level must be maintained or increased

MAHAKAM WORKING AREA

- Bekapai
- Peciko
- Tunu
- Sisi Nubi
- Handil
- Tambora

- Increases both of state and regional governments’s role
- Increases the state revenue
- The transition of the working area management has been initiated since 2015

www.esdm.go.id
PERTAMINA MANAGES THE BIGGEST INDONESIA’S OIL BLOCK

Rokan Block
Production 207,000 bopd, equal to 26% of national oil production

Production since:
August 8, 1971

Contract expires:
August 8, 2021

Pertamina’s oil production contribution is increases
In 2021, Pertamina will contribute around 60% of national oil production

2017 2018 2019 2021
23% 36% 39% 60%
CHALLENGES

– Constrained by personnel changes in SKK Migas (Special Task Force for Upstream Oil and Gas Business Activities) and BPH Migas, so it is necessary to coordinate and re-educate the new personnel regarding the form and procedure of filling the JODI & APEC questionnaire.

– Pusdatin will coordinate with the units in each relevant to verify in filling out the JODI questionnaire.

– Pusdatin needs to know, coordinate and study about APEC plans to implement JODI Coal and JODI Renewable Energy activities.
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Republic of Indonesia
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