



OIL STATISTICS AND ISSUES

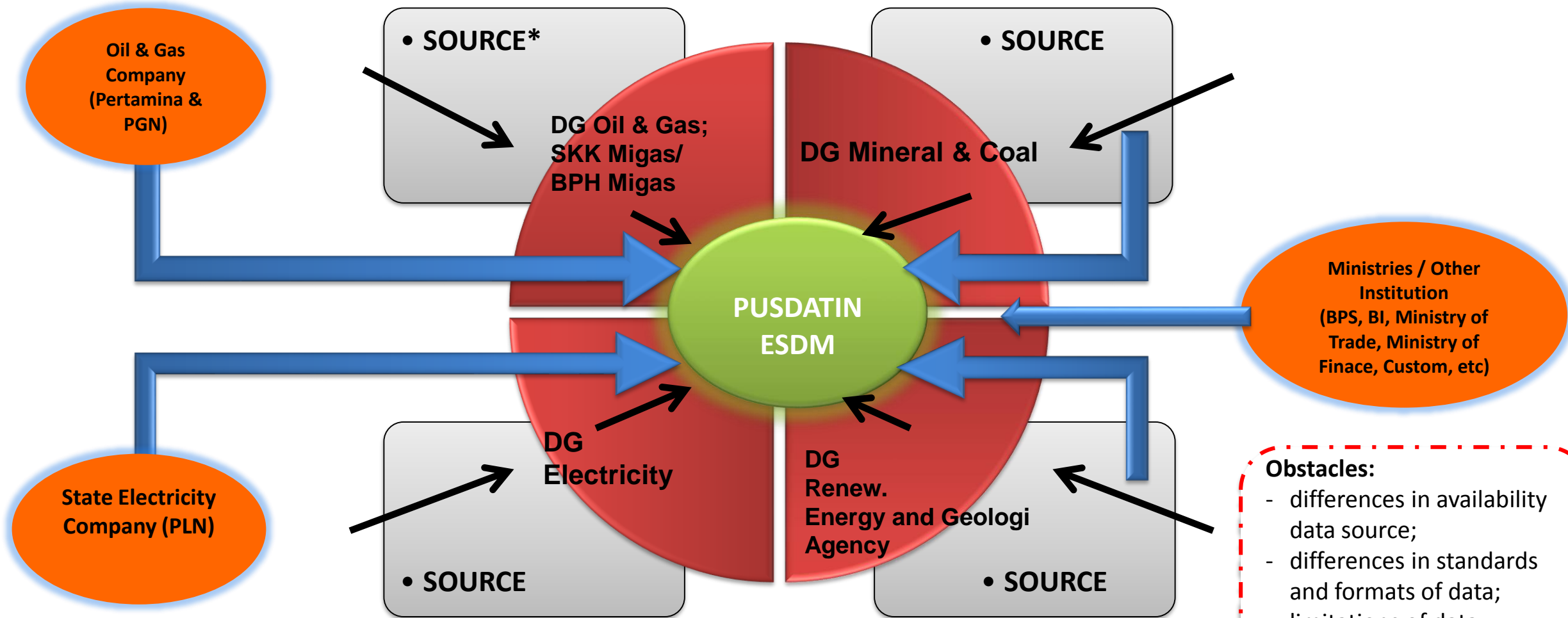
The 17th APEC Workshop on Energy Statistics

Tokyo, 11-13 June 2019

Center for Data & Information Technology
on Energy & Mineral Resources



How to Collect The Data



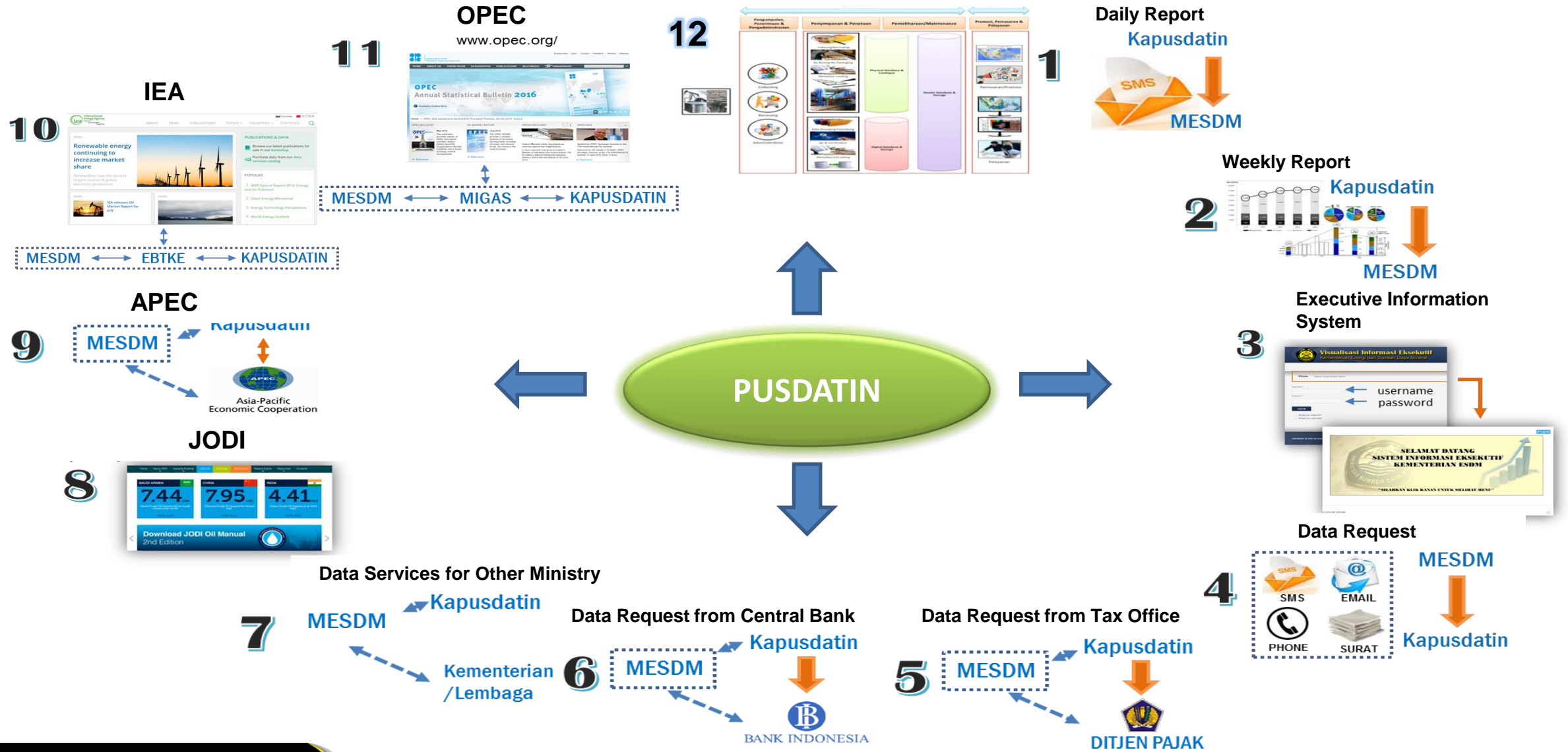
- Obstacles:**
- differences in availability data source;
 - differences in standards and formats of data;
 - limitations of data managers; and
 - technology system

* Source :
Industry (Business Entity)

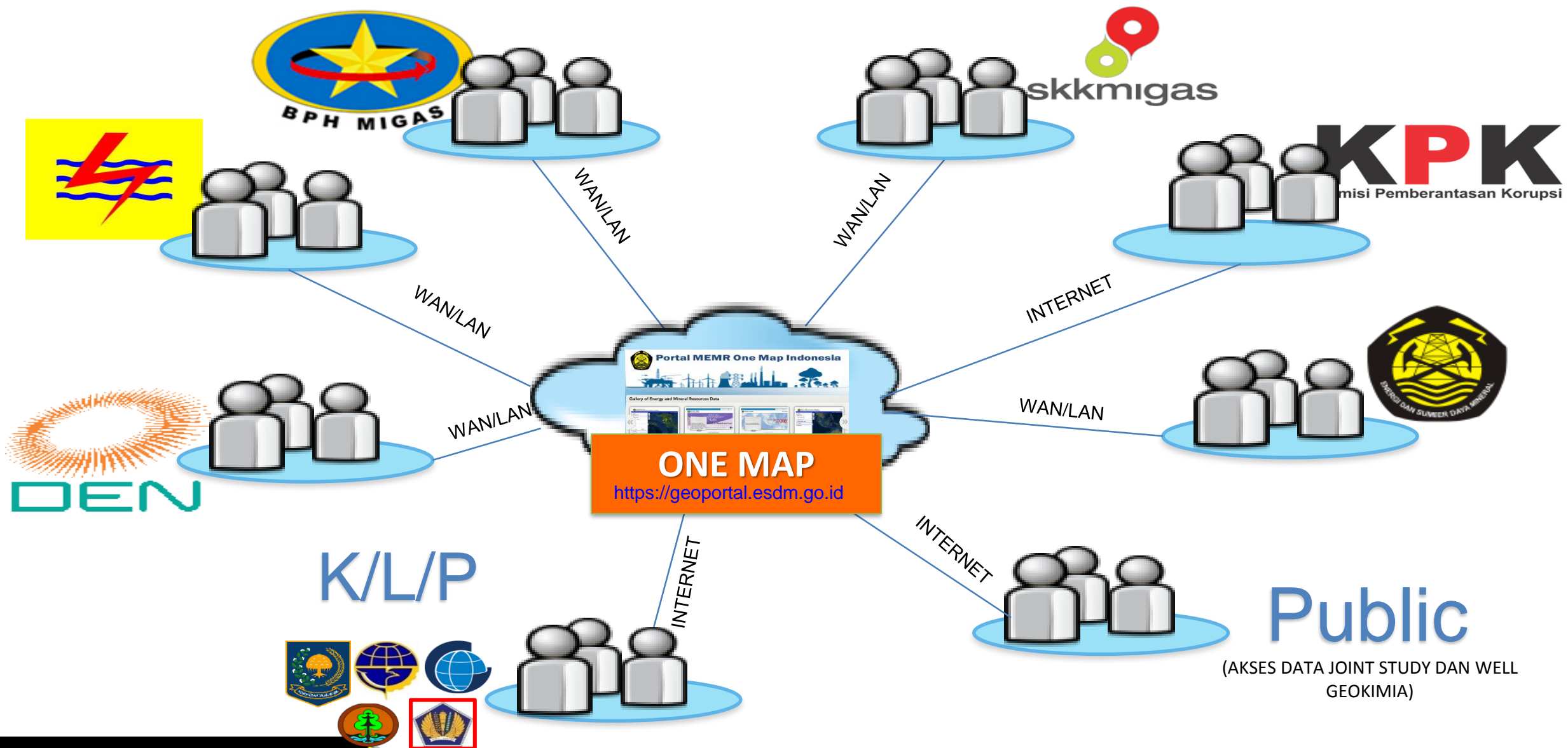


Data Used For?

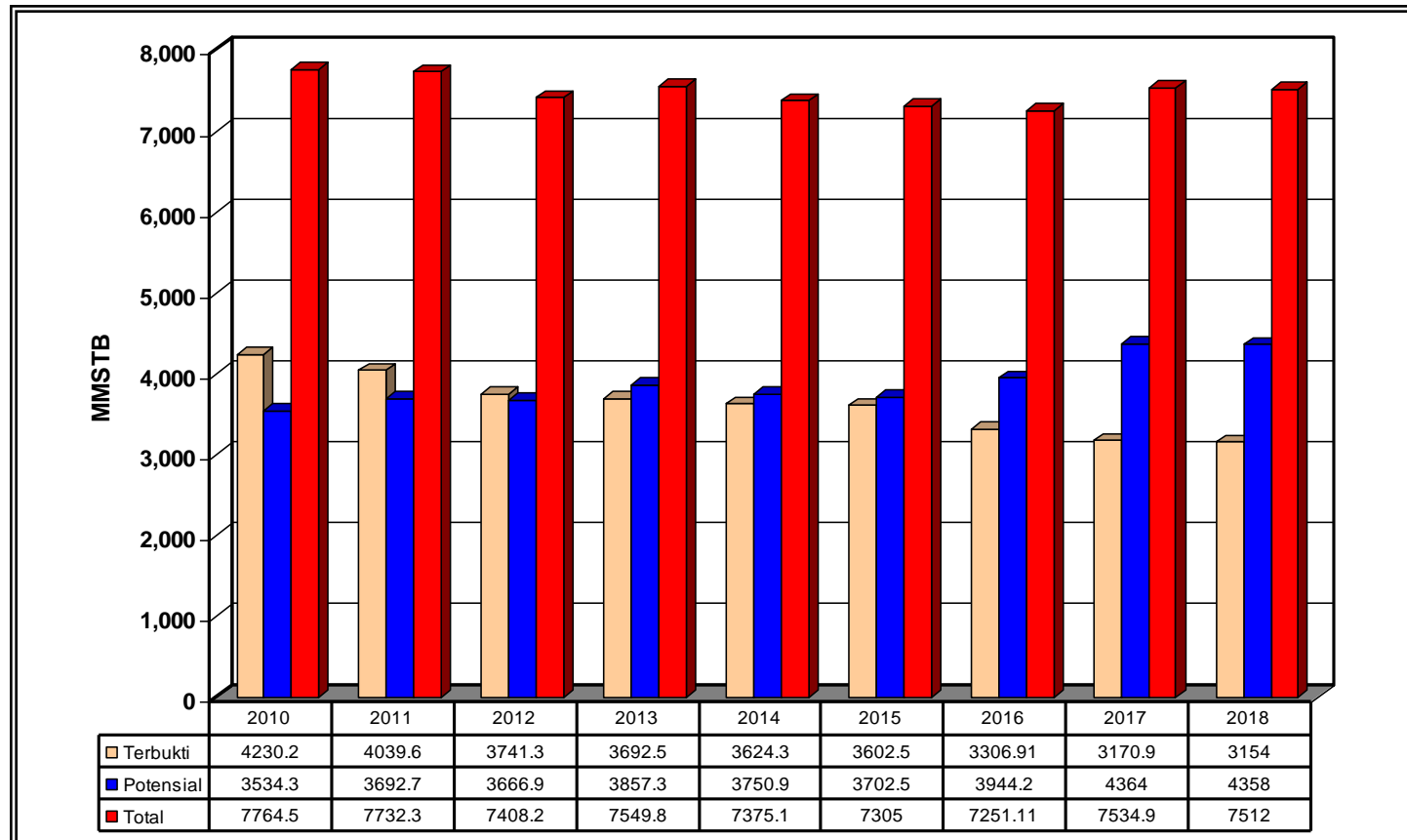
Oil and Gas Upstream Data Management



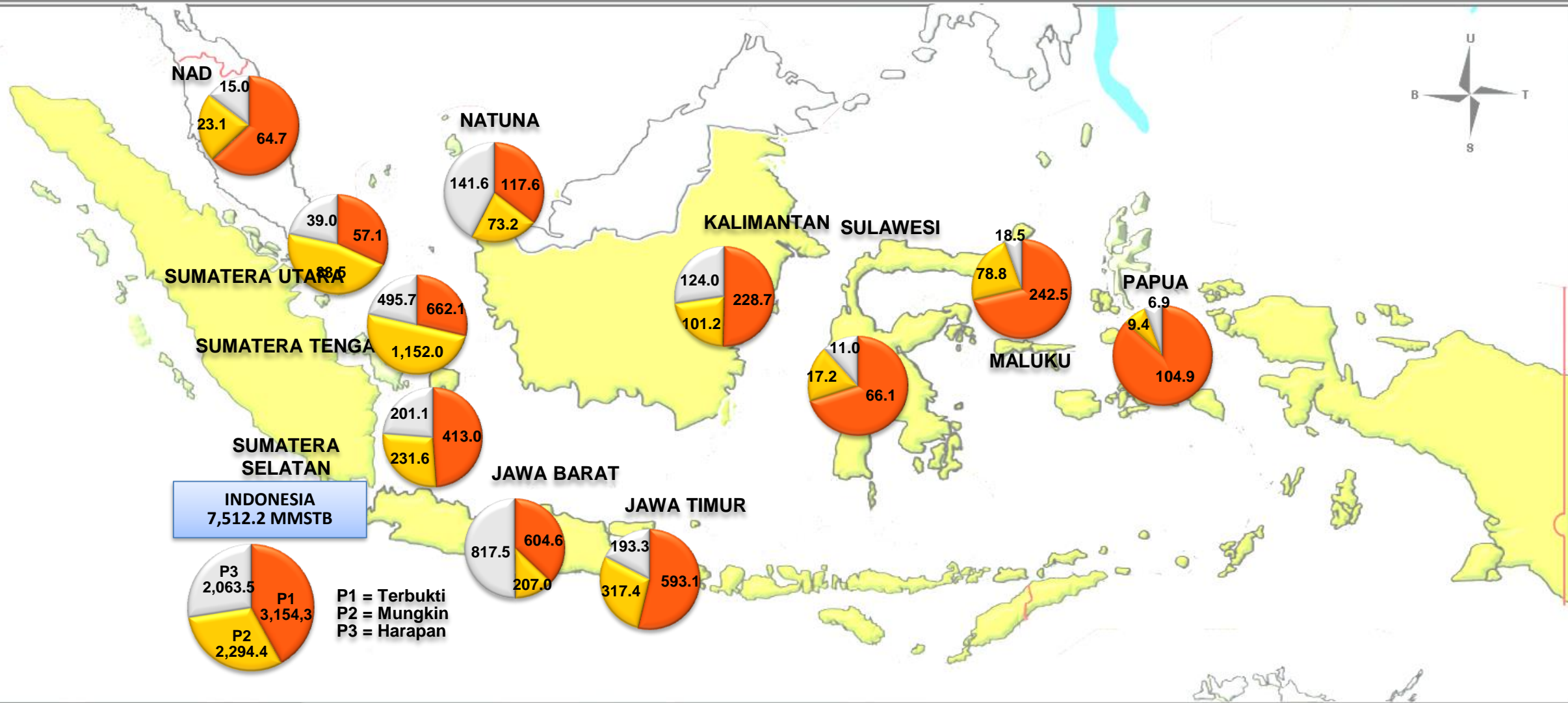
ONE MAP POLICY



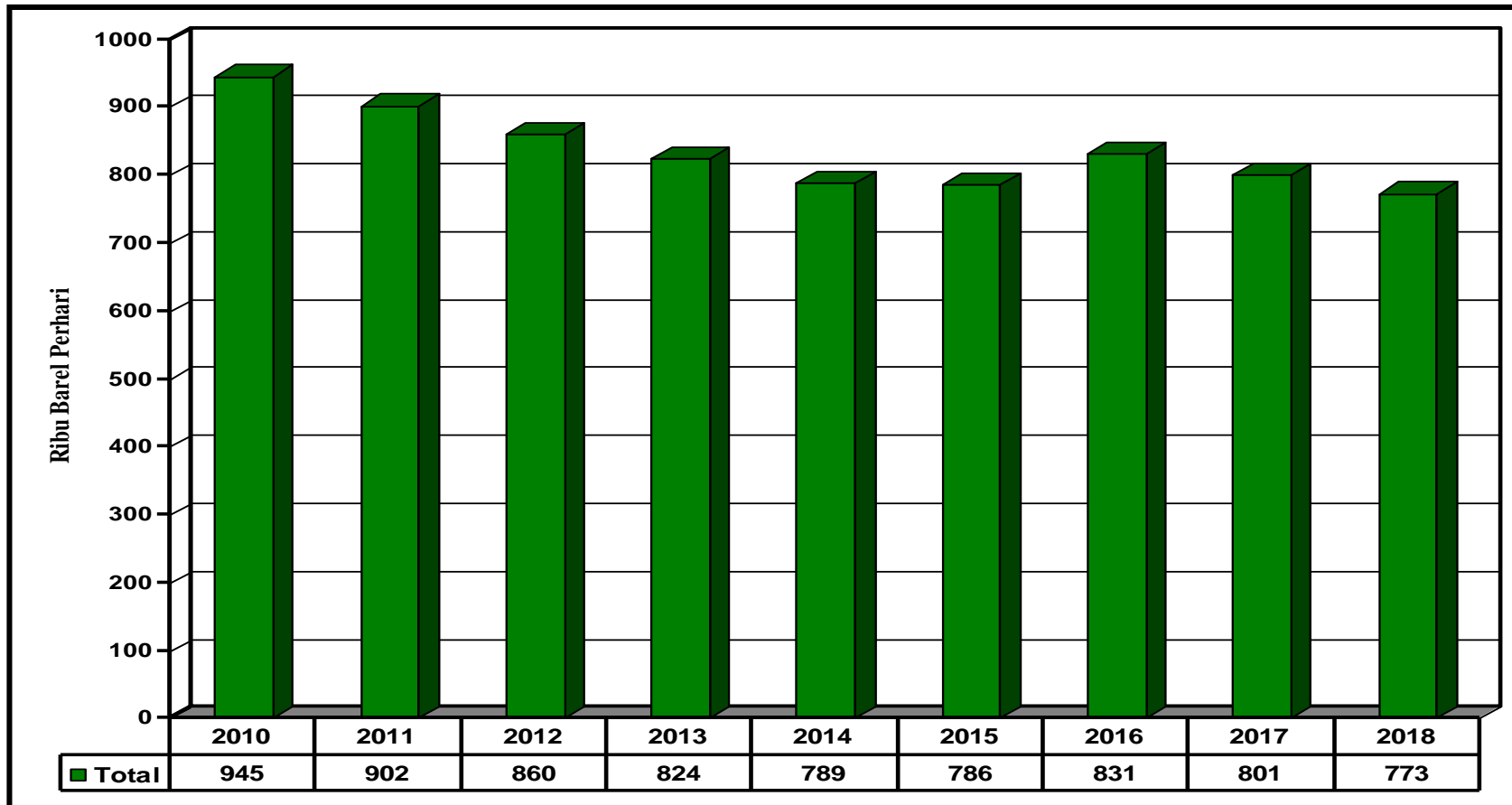
INDONESIAN DEVELOPMENT OF OIL RESERVE 2010 - 2018



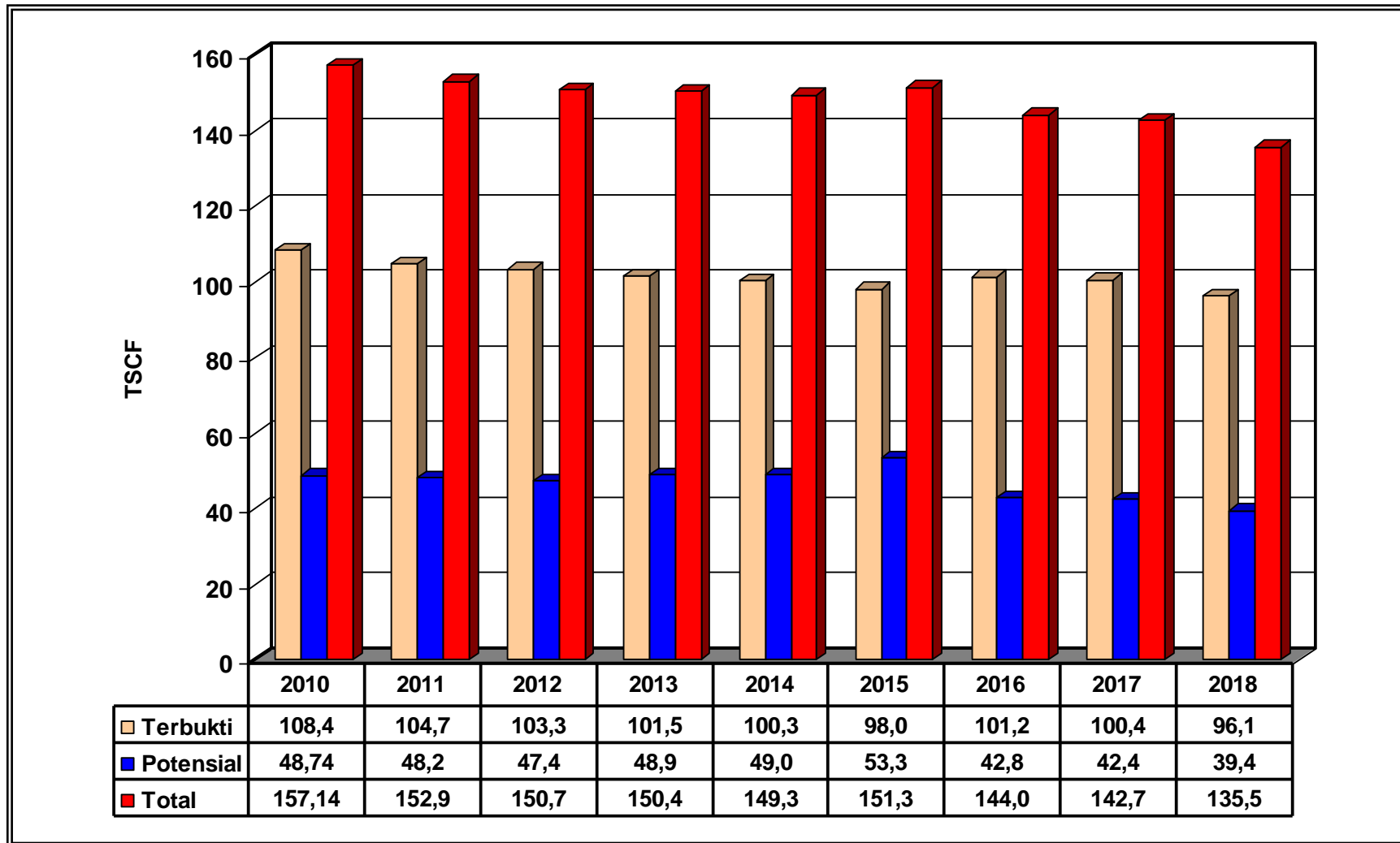
INDONESIAN DISTRIBUTION OF OIL RESERVE STATUS 01.01.2018



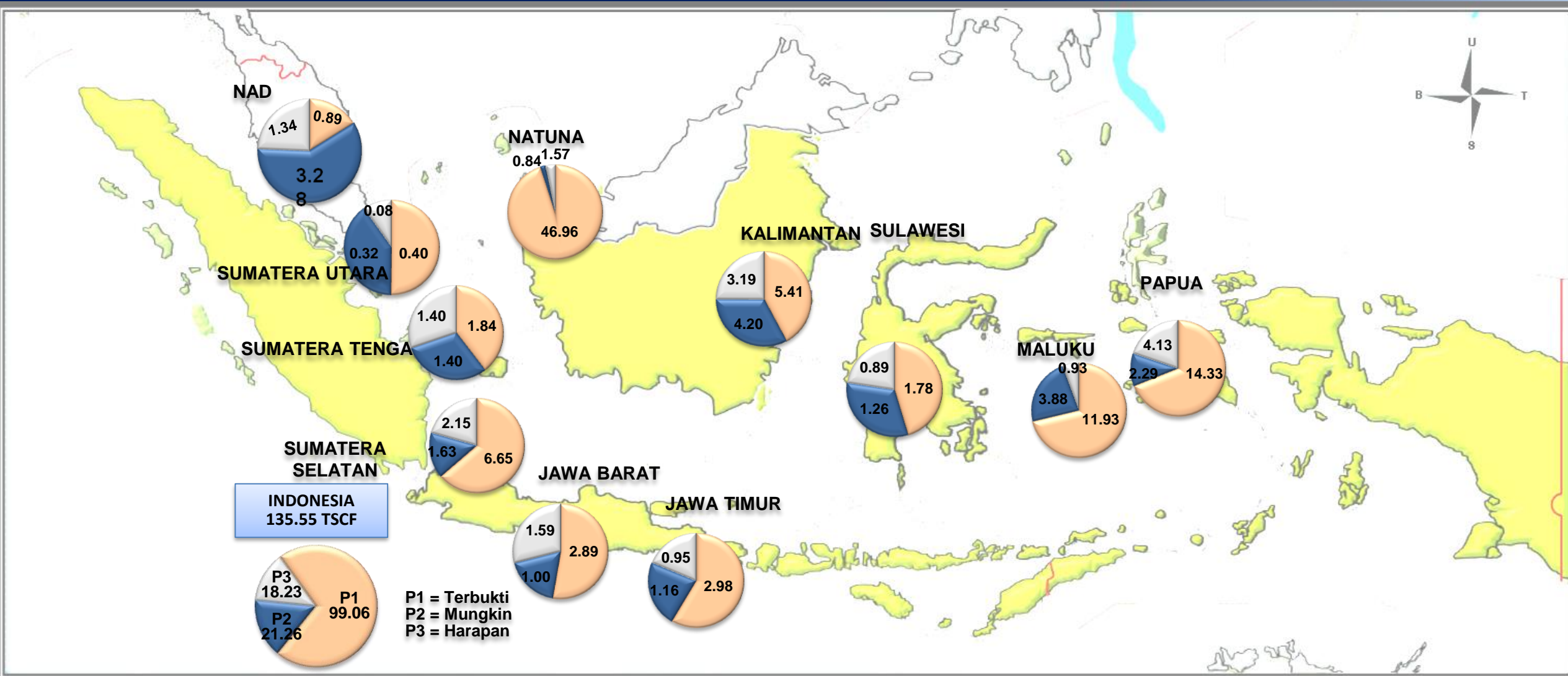
INDONESIAN OF OIL PRODUCTION 2010 - 2018



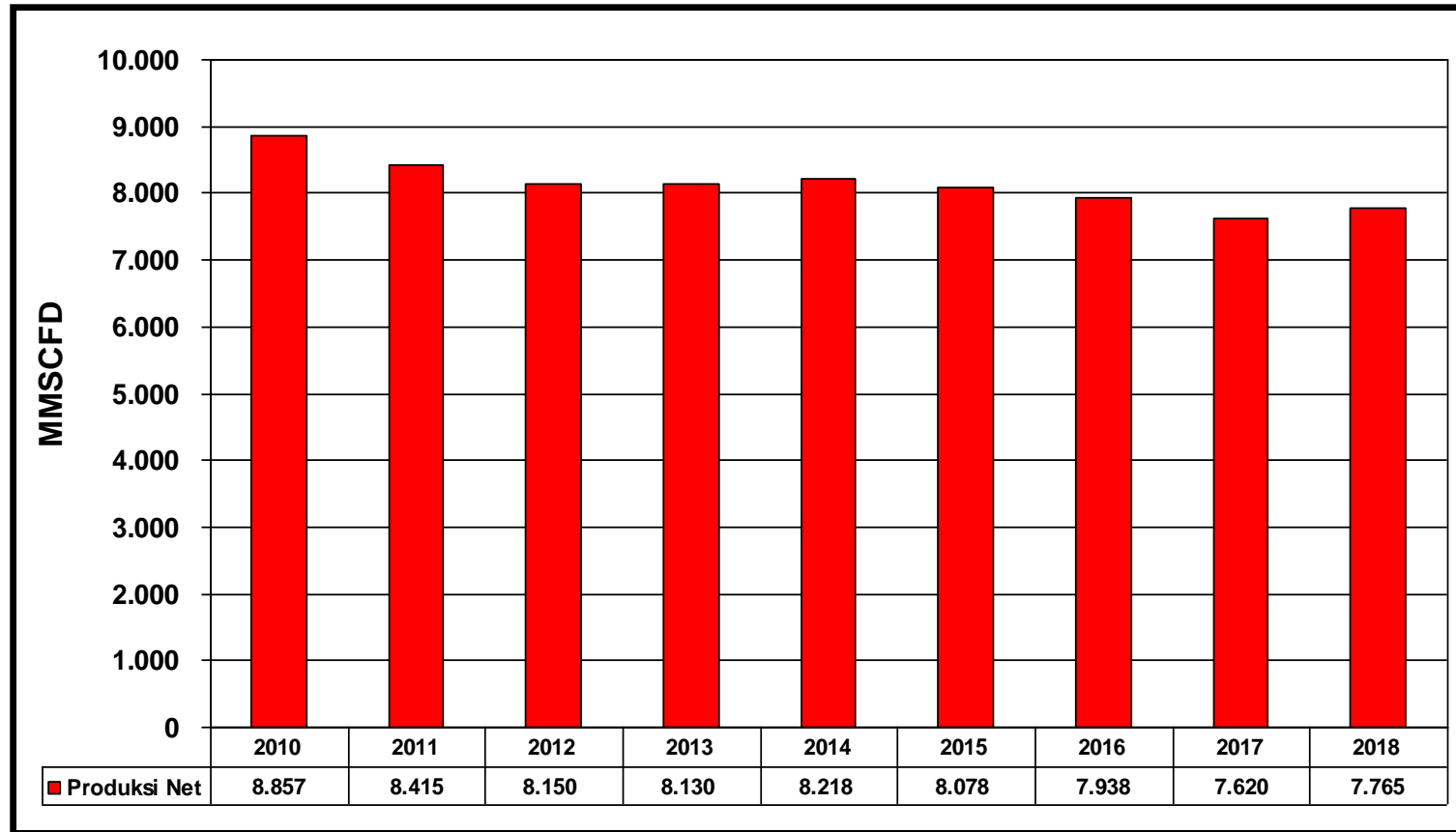
INDONESIAN DEVELOPMENT OF GAS RESERVE 2010 - 2018



INDONESIAN DISTRIBUTION OF GAS RESERVE STATUS 01.01.2018



INDONESIAN OF GAS PRODUCTION 2010 - 2018



DEVELOPING OIL AND GAS STRATEGIC PROJECTS



JANGKRIK



JAMBARAN TIUNG BIRU



MASELA



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

- 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

- 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.



Mahakam Block Illustration

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

MAHAKAM WORKING AREA

Bekapai		Peciko		Tunu	
Handil		Tambora		Sisi Nubi	

- 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



PERTAMINA MANAGES THE BIGGEST INDONESIA'S OIL BLOCK



Signature Bonus: Rp 11,3 trillion
USD 784 million

Firm Commitment First 5 years: Rp 7,2 trillion
USD 500 million


Government Potential Revenue for next 20 years: Rp 823,5 trillion
USD 57 billion

Rokan Block

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

Pertamina's oil production contribution is increases

in 2021, Pertamina will contribute around 60% of national oil production

 **Production since:**
August 8, 1971

 **Contract expires:**
August 8, 2021



2017



2018



2019



2021



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.



Thank
you

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Ministry of Energy and Mineral Resources

Republic of Indonesia

Medan Merdeka Selatan Road No. 18, Jakarta, Indonesia



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