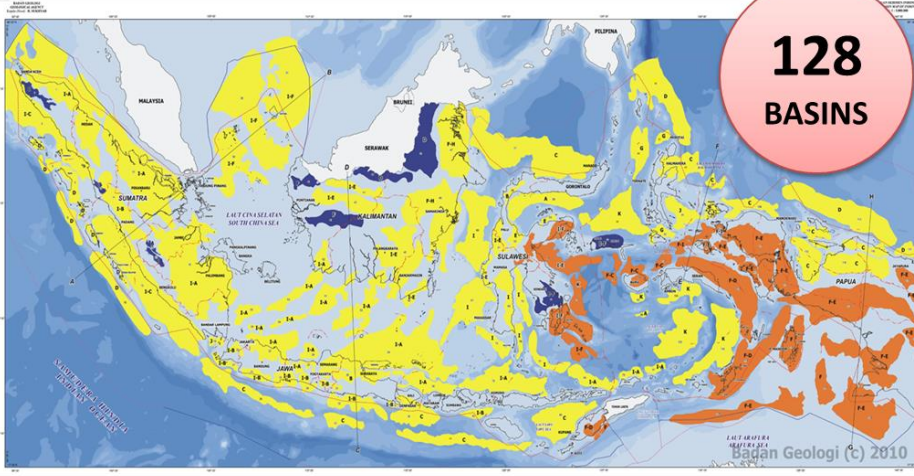




INDONESIA EXPLORATION REVISITED

EXPLORATION DIVISION
DEPUTY OF PLANNING





128
BASINS

3.2 BBO & 52.5 TCF
RESERVES

± 10 BBOE
RESOURCES

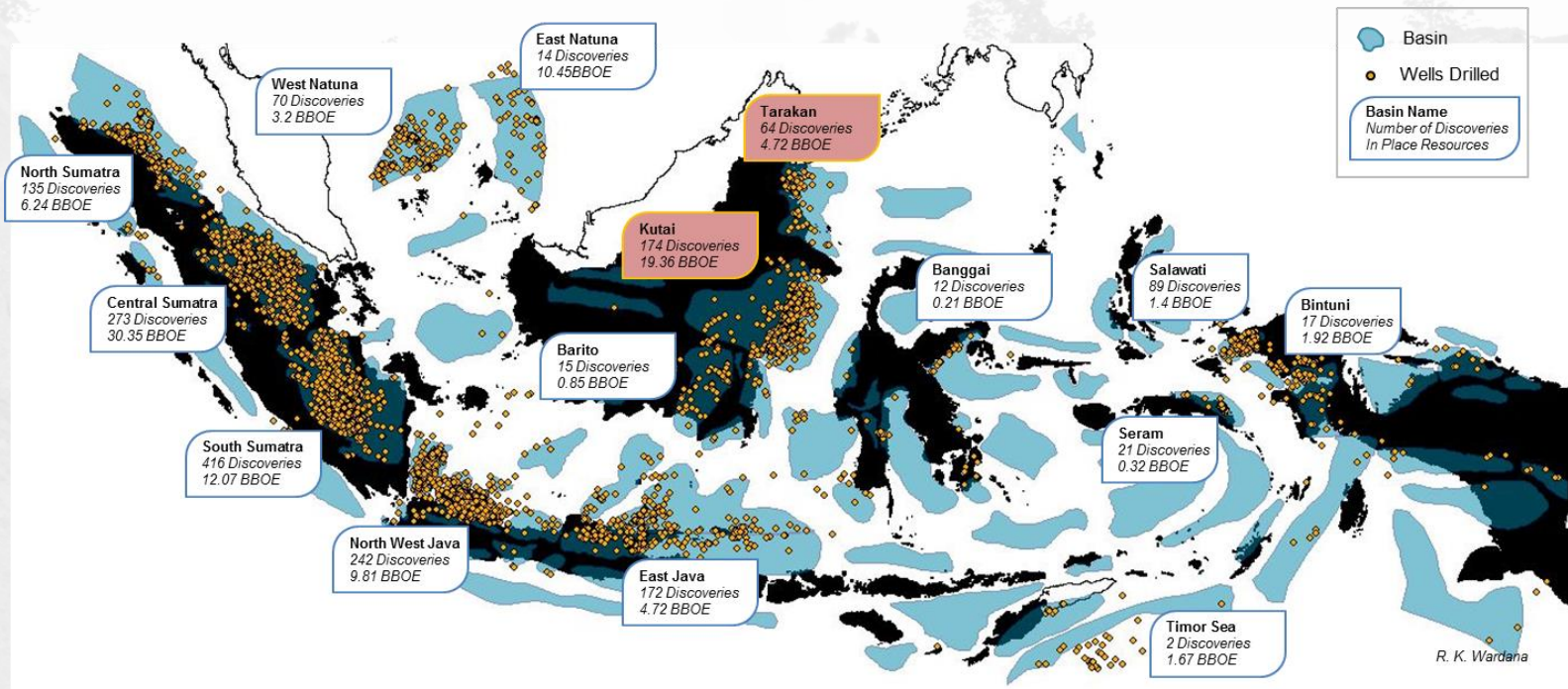
20 Producing Basins **10** Drilled & Discovery Basins

24 Drilled but No Discovery Basins

74 Undrilled Basins

210 Working Area (WA)
90 Exploitation WA
100 Exploration WA
20 Termination Process WA

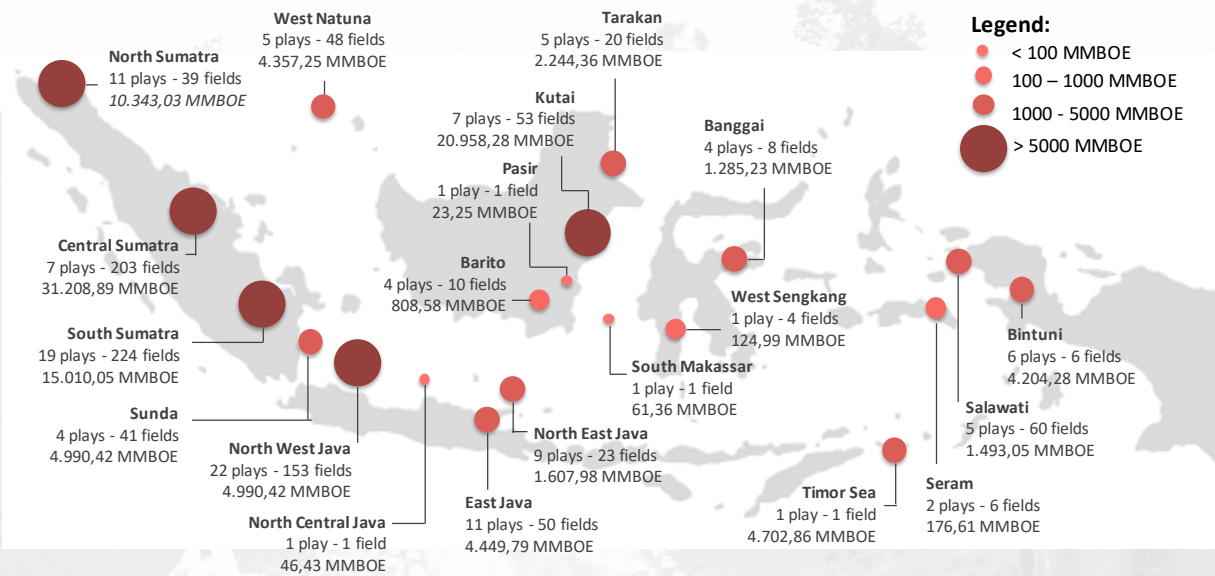
± 1000 Oil & Gas Fields
± 2300 Prospects & Leads



1872 - 2016

(SKK Migas, 2017)

More than 1400 fields has been discovered from 1872



INDONESIA HAS...

20

PRODUCING BASINS

126

PROVEN PLAYS

832

FIELDS/STRUCTURES

113 BBOE

DISCOVERED VOLUME INPLACE

~8,5 BBOE

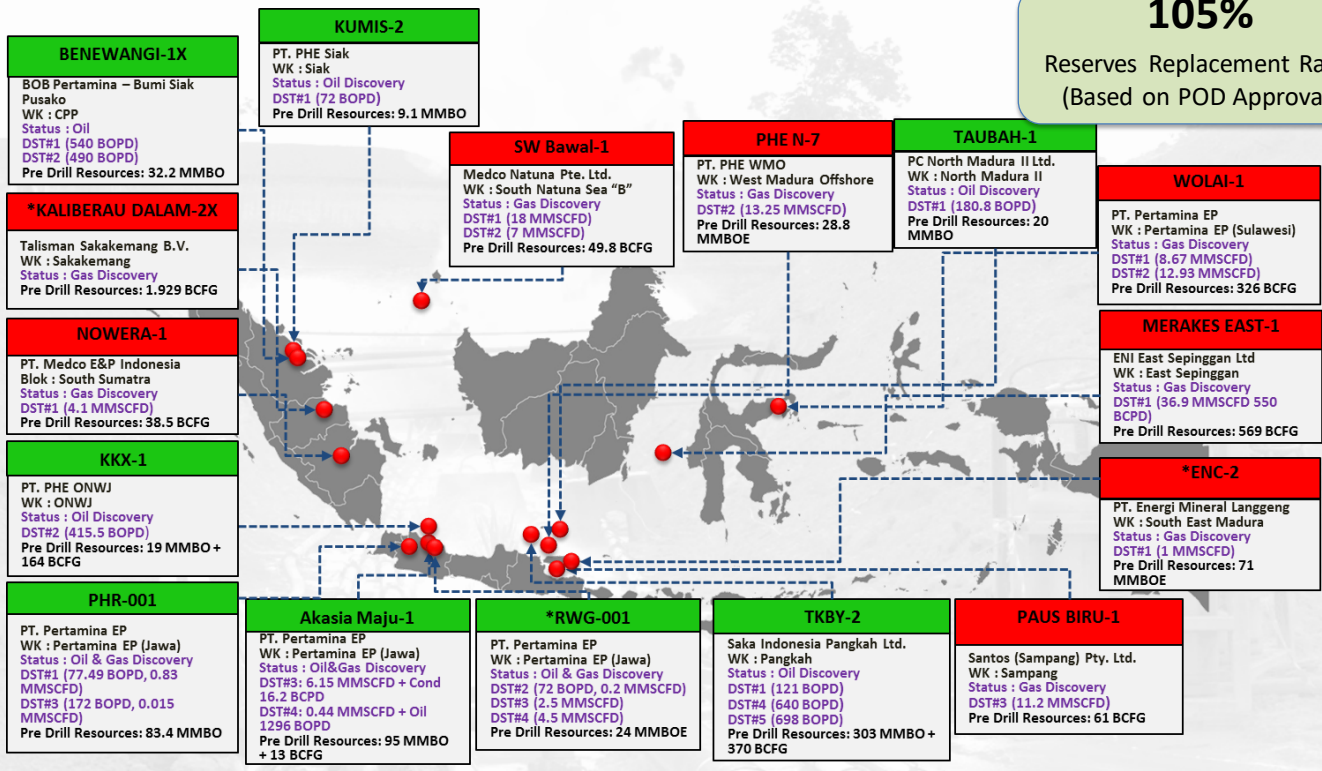
YET TO FIND IN PLACE
From PROVEN PLAY

+60%
542 MMBO

+240%
555 BSCF

**RESOURCES
DISCOVERIES
GROWTH
FROM
2017-2018**

105%
Reserves Replacement Ratio
(Based on POD Approval)



* On progress

Discovered 2019 – Target first gas 2022

Indonesian
Success Story
Largest discovery
in ~ 20 years

- Repsol invested over \$110 million to achieve discovery
- Preliminary estimation of discovered resources of around 2 Tcf
- Initial development of first 450 Bcf with remainder to follow quickly

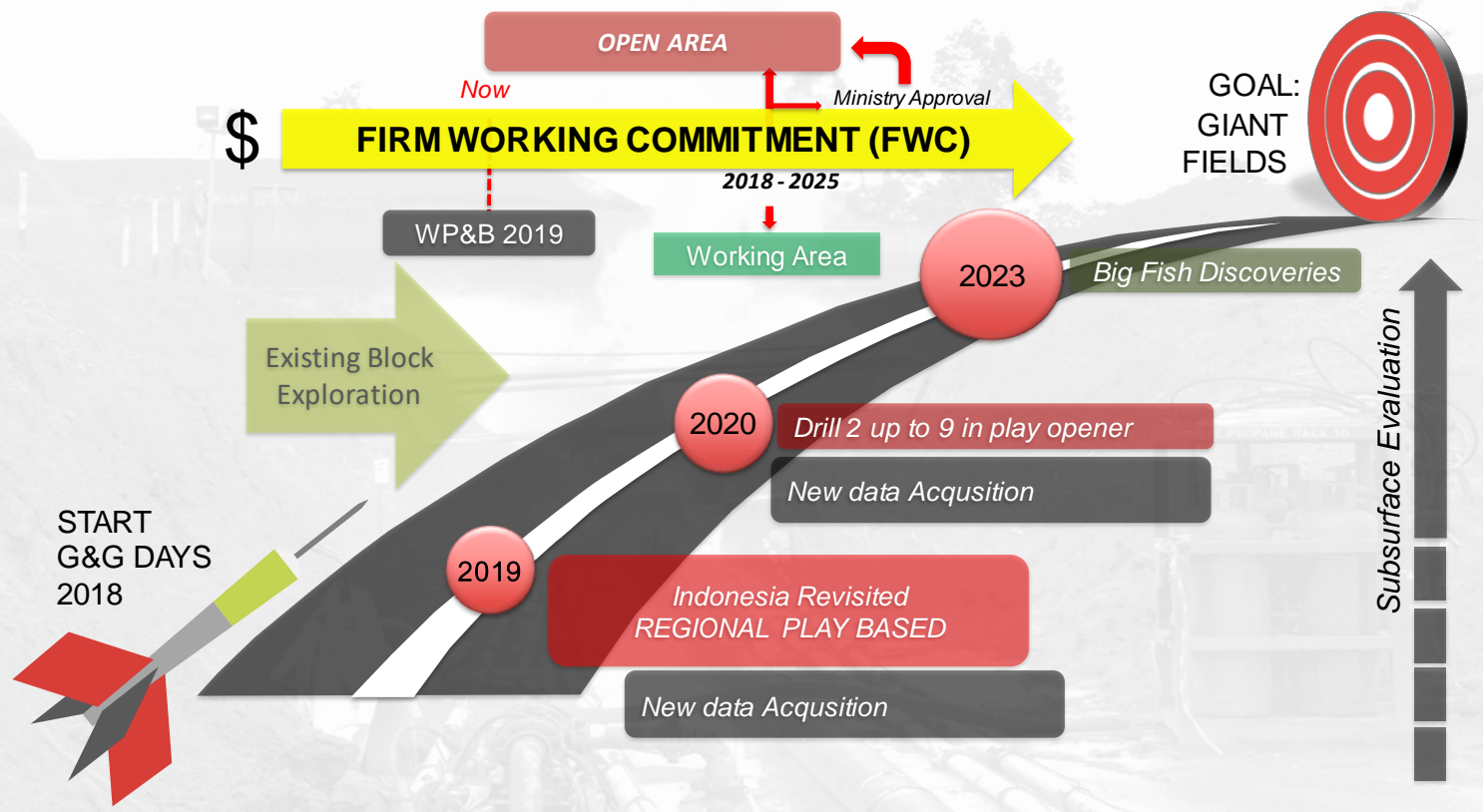
Government and
Repsol strategy
aligned

- Joint Government and Repsol Strategy to accelerate first gas to 3 years from discovery
- Potential to be major success story for Indonesian Oil and Gas Industry
- Major economic benefits to government and investors

POD critical to
moving forward

- POD needed to sign Facilities Sharing Agreement and Gas Sales Agreement
- Repsol can take final investment decision early in 2020 if the POD, FSA and GSA signed





BASEMENT FRACTURE WELLS in S. Sumatra

KALIBERAU DALAM-2X

Talisman Sakakemang B.V.
WK : Sakakemang
Status : Gas Discovery
Pre Drill Resources: 1,929 BCFG

NEB BASE-1

PetroChina Int. Jabung Ltd.
WK : Jabung
Status : Gas Discovery
DST#1: 3.5 MMSCFD & 229 BCPD
DST#2: 6.5 MMSCFD & 372 BCPD
DST#3: 4.5 MMSCFD & 159 BCPD

NEB BASE-2

PetroChina Int. Jabung Ltd.
WK : Jabung
Status : Gas Discovery
DST#2: 1.5 MMSCFD & 115 BCPD
DST#3: 4.9 MMSCFD & 125 BCPD

7 Exploration Wells

1 Gravity Survey & 8 G&G Study

Rec. Resources 471 MMBOE
Cenozoic Play

12 Exploration Wells

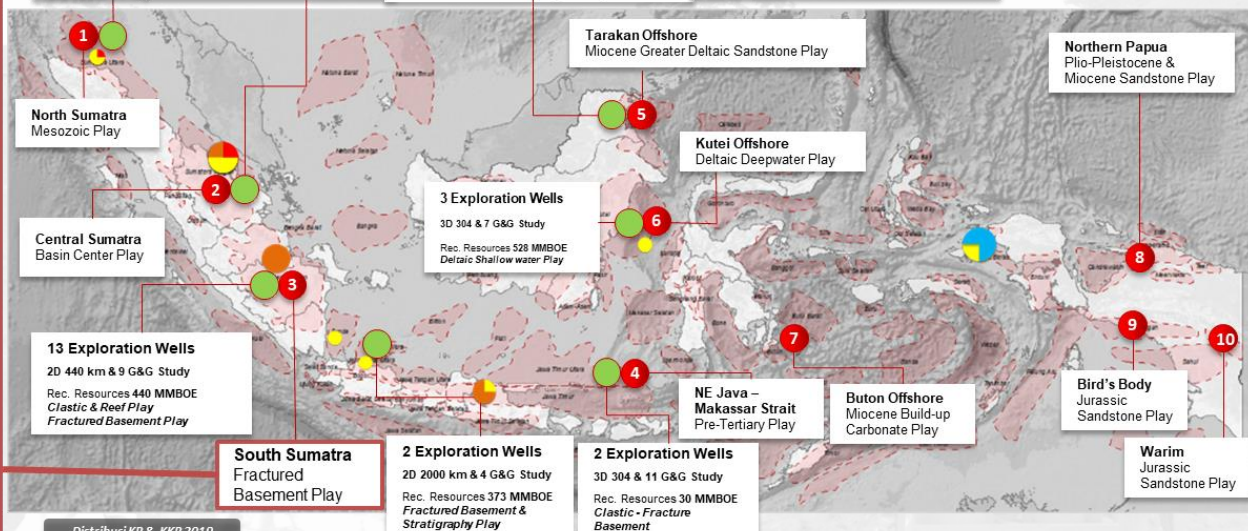
2D 250 km & 6 G&G Study

Rec. Resources 112 MMBOE
Shallow - Middle Target Play

1 Exploration Wells

3D 377 & 11 G&G Study

Rec. Resources 91 MMBOE
Onshore Deltaic sandstone



Distribusi KP & KKP 2019

- G&G Study
- 3D Seismic
- Survey Other
- Well
- G&G Study, Seismic, Well

128 basins in Indonesia → 10 focus exploration potential areas

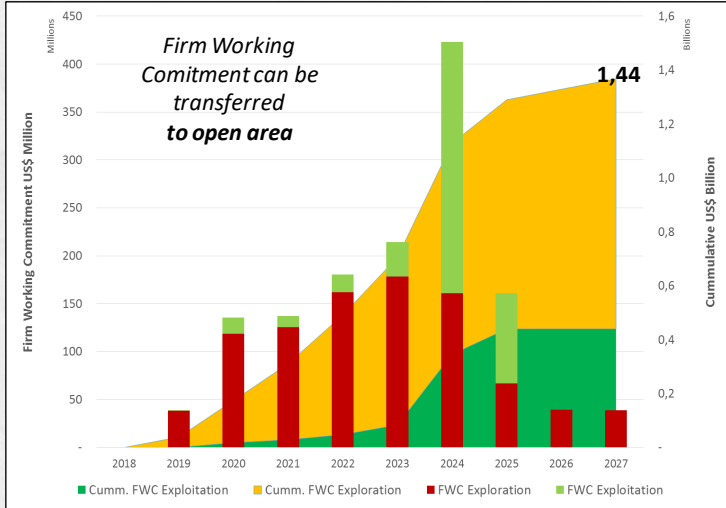
- BASED ON G&G DAYS DISCUSSION
- EXPLORATION WP&B 2019



Firm Working Commitment

Exploration US\$ 965,4 Million

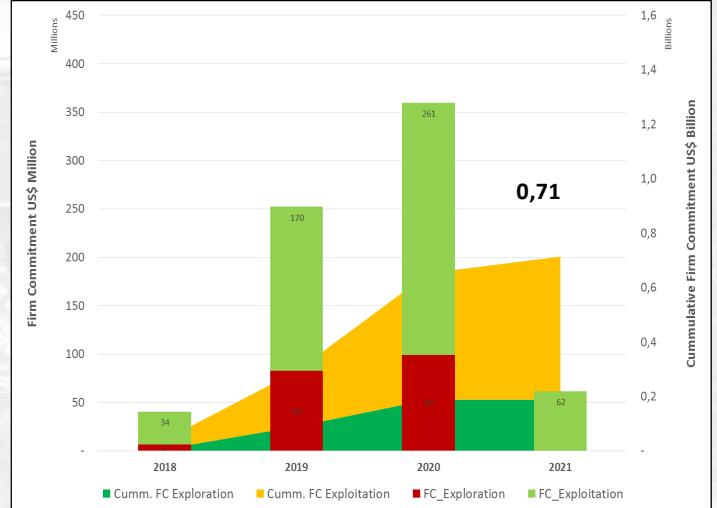
Exploitation US\$ 470,8 Million



Firm Commitment

Exploration US\$ 197,8 Million

Exploitation US\$ 525,8 Million



Data (all data that already open):

- Open Area
- Inside the Block

Equipment:

- 3 Workstation
- 1 Projector 120 deg
- 1 Interactive Projector
- 1 Standard Projector



ALL FREE ACCESS

14 Investors :

Repsol, Pertamina, Tately, HK Jindi, Conrad, Inpex, Krisenergy, Sundagas, CNOOC, CNPC, Medco, CoroEnergy, Posco Intl Daewoo, & OMV Sapura

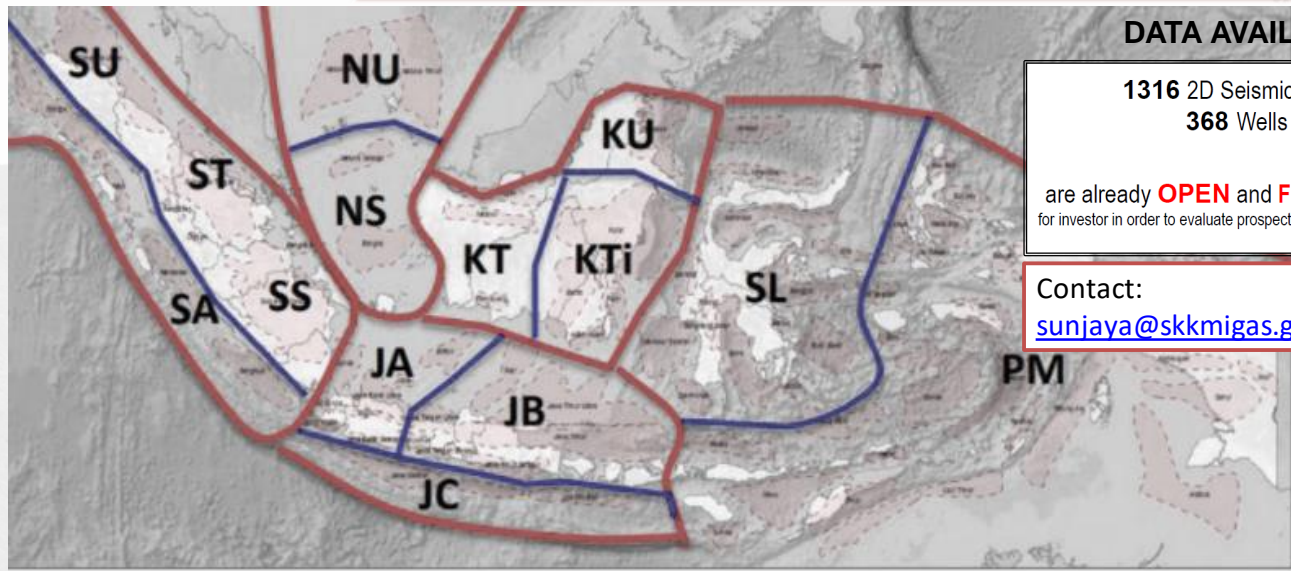
5 Services :

SLB, IHS, TGS, Geoservice & Corelab
(as of July 31st, 2019)

Contact:

M.N. Krisnayadi : mnkrisnayadi@skkmigas.go.id
Ferralda : ftamir@skkmigas.go.id





DATA AVAILABILITY

1316 2D Seismic Lines
368 Wells

are already **OPEN** and **FREE ACCESS**
 for investor in order to evaluate prospective and interested area

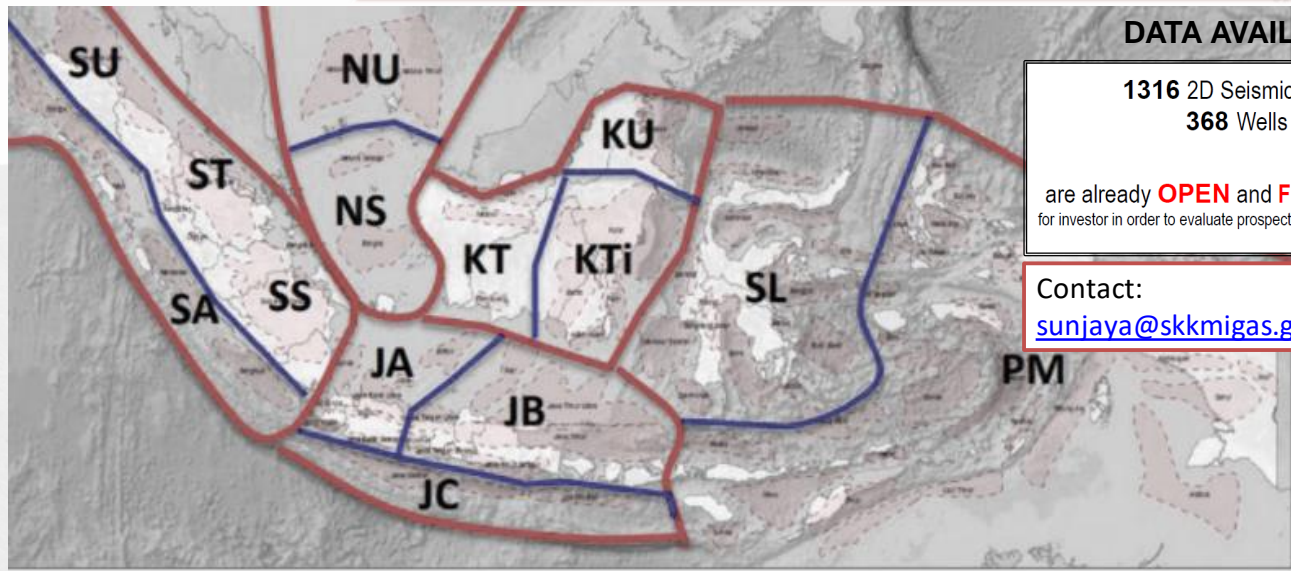
Contact:
sunjaya@skkmigas.go.id

12 Studies from 14 Regional Area



More Than 20 Company has submitted the proposal

- 5 Area in the term of Commitment in Open Area (KKP)
- Almost US\$ 10 Million investment



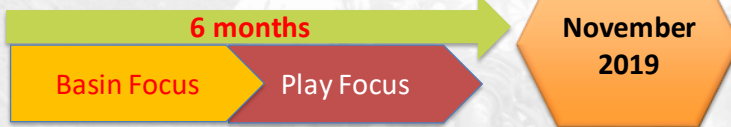
DATA AVAILABILITY

1316 2D Seismic Lines
368 Wells

are already **OPEN** and **FREE ACCESS**
 for investor in order to evaluate prospective and interested area

Contact:
sunjaya@skkmigas.go.id

12 Studies from 14 Regional Area



More Than 20 Company has submitted the proposal

- 5 Area in the term of Commitment in Open Area (KKP)
- Almost US\$ 10 Million investment

Summary:

42 Projects



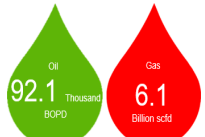
23

Offshore



19

Onshore



1.1 Million BOEPD

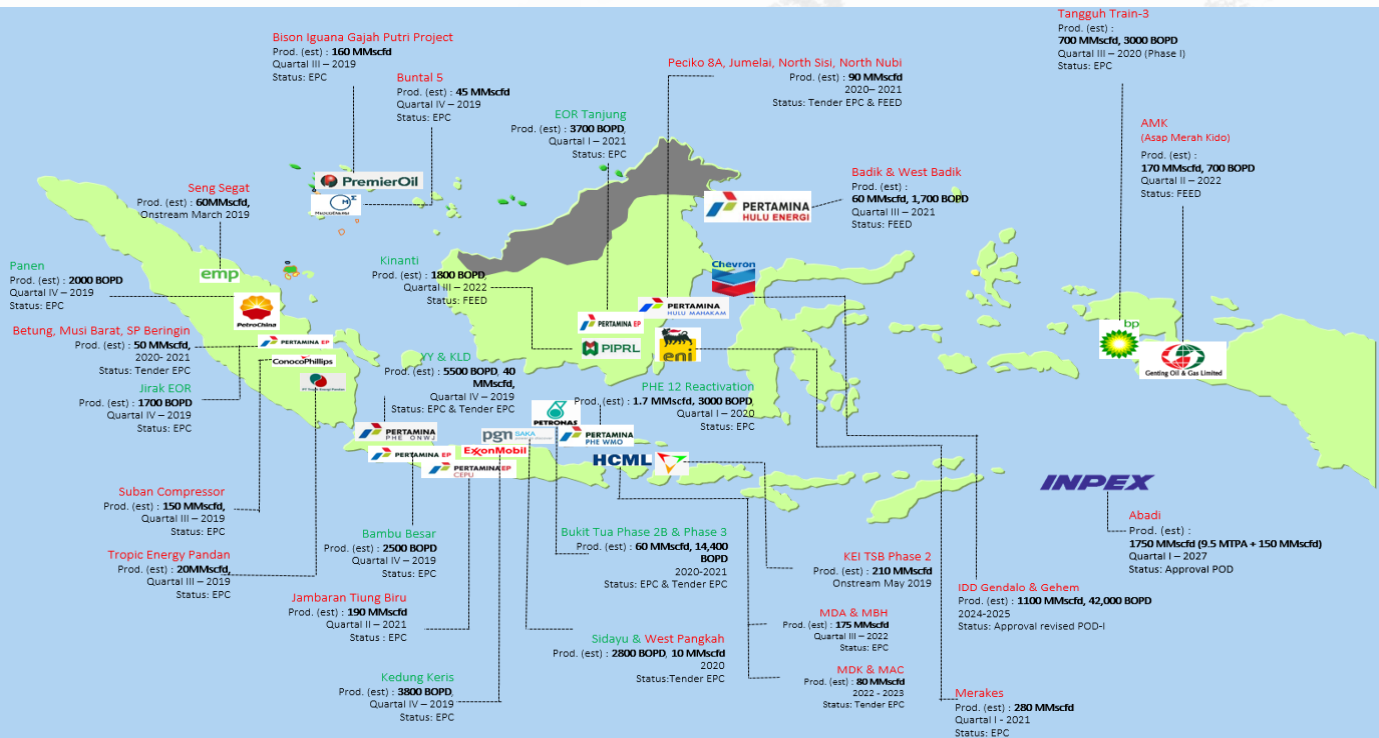


Investment (estimation)

US\$ 43.3 Billion

Gross Revenue (estimation)

US\$ 203 Billion



<https://memoir.skkmigas.go.id/>

1. Memoir Eastern Indonesia
2. G&G days presentation
3. 10 Prospectives areas booklet
4. Seismic & Well Data Open
5. Gross Split Presentation
6. Basement Reservoir --- on going

SKK MIGAS REPRESENTATIVE OFFICE

SKK MIGAS SUMATERA BAGIAN UTARA

Gedung Surya Damai Lt. 8
 Jl. Jenderal Sudirman No. 395
 Pekanbaru, 28116
 T : +62 761 858 581
 F : +62 761 858582

SKK MIGAS JAWA, BALI, MADURA, DAN NUSA TENGGARA

Jl. Veteran No. 6-8,
 Surabaya, 60175
 Jawa Timur
 T : +62 31 9909 4323

SKK MIGAS PAPUA DAN MALUKU

Jl. Arfak No. 12 Sorong
 Papua Barat, 98413
 T : +62 951 328 048
 F : +62 951 323 937

SKK MIGAS SUMATERA BAGIAN SELATAN

Gedung Bank Sumsel Babel Lt. 5
 Jl. Gubernur H.A Bastari No. 07
 Jakabaring, Palembang
 Sumatera Selatan
 T : +62 711 5620 180
 F : +62 711 5620 170

SKK MIGAS KALIMANTAN DAN SULAWESI

Jl. Marsma R. Iswahyudi No. 45
 Balikpapan, 76115
 Kalimantan Timur
 T : +62 542 760 372
 +62 542 760 847
 F : +62 542 760 373

humasskkmigas

@HumasSKKMigas

SKK Migas

humasskkmigas



THANK YOU