Outlook and Challenges for the Oil Industry Standing at The Crossroads: Contributions and Strategies for a Sustainable Society

The 39th JCCP International Symposium
By Director General of Oil and Gas - MEMR

January 28, 2021
Oil Production Outlook

Oil continues its decline but now we focus to 1 Million BOPD

The strategy to increase in production by 1 million bopd (BaU, R to P, EOR and Exploration) including Work Routine Programme, Resources to Production transformation, EOR, increase in exploration activities, New Technology Application and also Procurement Process Simplification & Flexibility.
Gas Production Outlook

Over supply gas. Focus for created demand.

1. Improvement of domestic natural gas infrastructure,
2. Petrochemical development.
Indonesia Gas Balance 2020 - 2030

- Lifting
- Fertilizers and Petrochemicals
- Transportation
- Household
- Electricity
- Industry
- Export
- Existing Supply
- Existing+Project Supply
- Existing+Project+Potential Supply

mmscfd
Indonesia CO2 Source Distribution

- **Kuala Langsa**: 81%
- **Alur Siwah**: 27.5%
- **East Natuna**: 80%
- **Tangguh**: 12%
- **Senoro**: 3%
- **Matindok**: 3%
- **South Jambi B**: 60%
- **Sakakemang**: 26%
- **Merbau**: 12%
- **Arun – Nowera**: 60%
- **Jatibarang**: 23%
- **Cilamaya**: 30%
- **Subang**: 16%
- **Gundih**: 20%
- **JTB**: 35%
- **Singa**: 10%
CO2 Storage Capacity Distribution

Historical Gundih CCS Pilot Project (2012 – 2019)

Contributors:
Carbon Capture, Utilization and Storage (CCUS)

Commitment of GoI to Reduce Green House Gas (GHG) Emission in COP 21 - Paris.

CCUS Studies in Indonesia
2. **CO2-EOR Sukowati Field** by Pertamina EP (CCUS Study Supported by Japex & CoE CCS/CCUS LEMIGAS)
3. **FS Tangguh CCUS/CO2-EGR** by BP Berau Ltd. & ITB (Sept - Dec 2020)
4. **CO2-EOR Limau Niru Field** by Japex & CoE CCS/CCUS LEMIGAS
5. **MRV Methodology for CCUS/CO2-EOR** by Japex & CoE CCS/CCUS LEMIGAS
6. **CO2 Source-Sink Match** by CoE CCS/CCUS ITB & JANUS
Thank You