

STRONGER UPSTREAM

PT Pertamina Hulu Energi, which is an Upstream Subholding of Pertamina, continues to escalate and aggressively push its all upstream business lines.

- As of Dec 2021, PHE manages 68 subsidiaries and 6 joint venture companies that manage oil and gas blocks at home and abroad, also engages in downstream oil and gas business and services.
- PHE working areas divided into 5 regional areas, which covers 27 operator blocks and 13 non-operator blocks in Indonesia, and 27 working areas in 13 countries in Southeast Asia, Africa, Europe, and Middle East.

Data Realization (FY2021)

- Oil and gas production domestic and international 897 MBOEPD
- Exploration well drilling: 12 wells
- Exploitation well drilling: 350 wells

Data Target (2022)

- Oil and gas production domestic and international 1,047 MBOEPD
- Exploration well drilling: 29 wells
- Exploitation well drilling: 813 wells

Upstream Breakthrough Program to Achieve the Company's Target:

1

Digitalization: Drive breakthroughs in accelerating digital transformation by cooperating with global technology companies such as Microsoft.

2

Optimus Program (Upstream Cost Optimization): This program is an optimization and innovation related to optimizing company costs in achieving planned production volumes

3

Implementation of ESG (Environmental, Social, Governance): PHE as part of Pertamina is also fully committed and consistent in implementing integrated ESG. Currently, PHE has determined 11 material topics for the ESG and Decarbonization Strategy.

4

Onstream several oil and gas projects such as Jambaran Tiung Biru, OPLL PHSS, SLO stage 1.

11 Material Topics of Upstream Subholding Pertamina

The material topics for ESG strategy in realizing a more environmentally friendly operational activities:

- addressing climate change
- reducing environmental footprint
- protecting biodiversity
- water, waste management
- prevention of major accident
- community engagement & impact
- health & safety
- development
- employee retention
- recruitment
- cybersecurity
- corporate ethics

5 Priorities of Upstream Subholding

In the efforts to improve performance and comply with the government regulations, Upstream Subholding mapped priorities under the direction of the Ministry of SOEs into 5 priorities, namely:







- 01** **Priority of Economic and Social Values**, Upstream Subholding carries out several programs such as Optimus, ESG Score, and Decarbonization.
- 02** **Priority of Business Model Innovation**, Upstream Subholding makes efforts to propose physical incentives for
- 03** **Priority of Technology Leadership**, Upstream Subholding realizes it through the revitalization program of Crown Jewel Mahakam.
- 04** **Priority of Energize Investment**, Upstream Subholding carries out several programs including increasing I/EOR activities in a partnership or independently, rejuvenation of suspended well structures & reactivation, Upstream Plant Reliability acquisition of either domestic or foreign Oil and Gas operators/blocks, exploration and unconventional MNK.
- 05** **Priority of Unleash Talent**, Upstream Subholding has a fast track program for inclusive superior talent where there women in nominated talent and millennial workers.

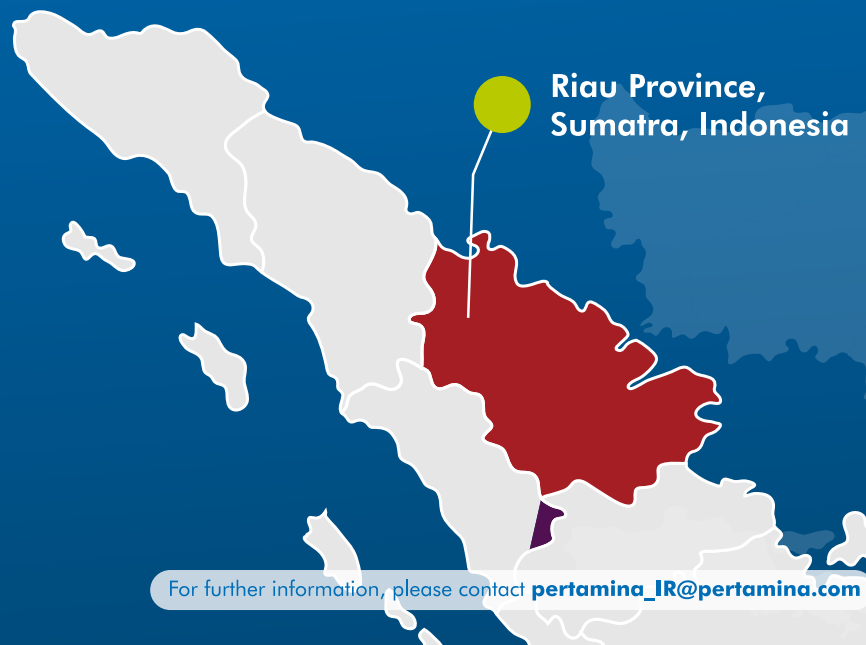
WHY Rokan is Important for Indonesia?

Pertamina Rokan Block production, for the period of September - December 2021 was around 160 thousand barrel oil per day (MBOPD). Rokan blocks contribute 25% to national oil production.

Pertamina Hulu Rokan sustainability program focuses in health, education, economy, and environment, designed according to SDGs and ESG aspects. These programs recognized by regional, national and international awards.

Pertamina Hulu Rokan efforts to increase production in 2022:

-  Carry out procurement on-time
-  Maintain the reliability of facilities and operations
-  Increase the capacity of production facility
-  Explore new technology
-  Optimize production through unconventional oil and gas development
-  Explore opportunity of partnership



Riau Province, Sumatra, Indonesia