

Kamojang & Rewulu Proven Beyond Compliance

Proper (Company Performance Rating Program in Environmental Management) is an award from Indonesian Ministry of Environment and Forestry to evaluate the compliance of companies operating in Indonesia with regulated standards.

Two main aspects assessed are environmental and social management, which the results are categorized in rankings by color:

-  Gold (Beyond compliance and sustainable social empowering)
-  Green (Beyond compliance)
-  Blue (comply)
-  Red (only partially complied)
-  Black (not complied)

"The PROPER award parallels with Pertamina's commitment to implement integrated ESG (Environmental, Social & Governance) from upstream to downstream to support a sustainable business. The increase in Pertamina's Gold Proper achievement in 2021 shows Pertamina's seriousness in ESG implementation."

Nicke Widyawati

President Director & CEO PT Pertamina (Persero)

In 2021, Pertamina Group was awarded 23 Gold Proper and 81 Green Proper awards, dominating the national awards which were 47 Gold PROPER (51%) and 186 Green PROPER (44%).

Gold and Green PROPER are awarded to companies that have carried out their operations beyond the standards set nationally.

The two extraordinary entities include are Kamojang Geothermal Field (West Java) and the Rewulu BBM Terminal (Central Java).

Java Island

Kamojang Geothermal Field

Highlight

Kamojang Geothermal Field is part of Pertamina Geothermal Energy with 235 MW installed capacity

Achievements

- Gold PROPER 2011-2021
- ASEAN Energy Awards
- The Best International Invention Award
- Istanbul International Inventions Fair - (Seamless Asset Management System)

Rewulu Fuel Terminal

Highlight

Rewulu Fuel Terminal distributes fuel to several areas in Central Java and Yogyakarta up to 1.8 million KL per year.

Achievements

- Gold PROPER 2013-2021
- #2 2019 ASEAN Energy Awards Thailand (Small Medium Industry)
- #2 2019 Cisco Global Problem Solver Challenge (Banoo Mino Programme)

Kamojang Geothermal Field and Rewulu Fuel Terminal have consistently proven that they implemented environmental and social management not only comply to government standards, but exceeding the standards.

Every year, both of them as well as other operational areas of Pertamina Group, continue to innovate programs in maximizing positive contributions to the environment and surrounding communities.

The following are the flagship programs that led Kamojang and Rewulu to achieve the highest PROPER award from the government for the umpteenth time.

Kamojang Digital Village



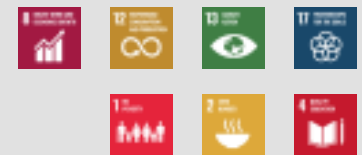
Kamojang field was located in West Java surrounded by forest and grow together with the society. To enhance society's quality of life, Pertamina implements multi aspects program "Kamojang Digital Village". The program consists of 3 sub programs :

Tree Wifi: Internet development in remote village with waste payment or tree planting

Rangers App: Multiservices apps for online riding to empower the local community

Geotato: Geothermal usage for potatoes planting and high quality potato seeds innovation

SDGs Contribution



Rewulu Resource & Social Innovation

Rewulu Fuel Terminal has implement many programs to ensure their operational has contribute positively in environment and social management.

Environment Management

(data as of 2021 compare to 2017)

Rewulu Fuel Terminal implement several environment management programs impacted to Energy Efficiency, Emission and Waste Reduction.

Social Management - ASROB

Rewulu Fuel Terminal created ASROB (Automatic Smart Mushroom Boiler) to help mushroom farmers whose businesses have been hit by the pandemic. ASROB is new technology to accelerate mushroom sterilization before next process. Previously, farmers used conventional machine that required long time process and significant energy and water.



Energy Efficiency (1,471 GJ)

58.28%



Emission Reduction (359.7 ton CO2eq)

60.24%



Toxic Hazardous Waste Reduction (13,937 ton)

37.10%



Non Toxic Hazardous Waste Reduction: (10.26 Ton)

67.28%

Asrob Benefits

Abiotic resource savings: 411.16 TJ/Year

Emission Reduction: 20.09 Ton CO2 eq/Year

Water Savings: 12.36 m3/Year



SDGs Contribution

