

RDMP Balikpapan Project

We carried out the Refinery Development Master Plan (RDMP) to increase the complexity of all refineries and also increase their capacity in order to reduce fuel imports.

Nicke Widyawati

President Director & CEO PT Pertamina (Persero)

Refinery Development Master Plan

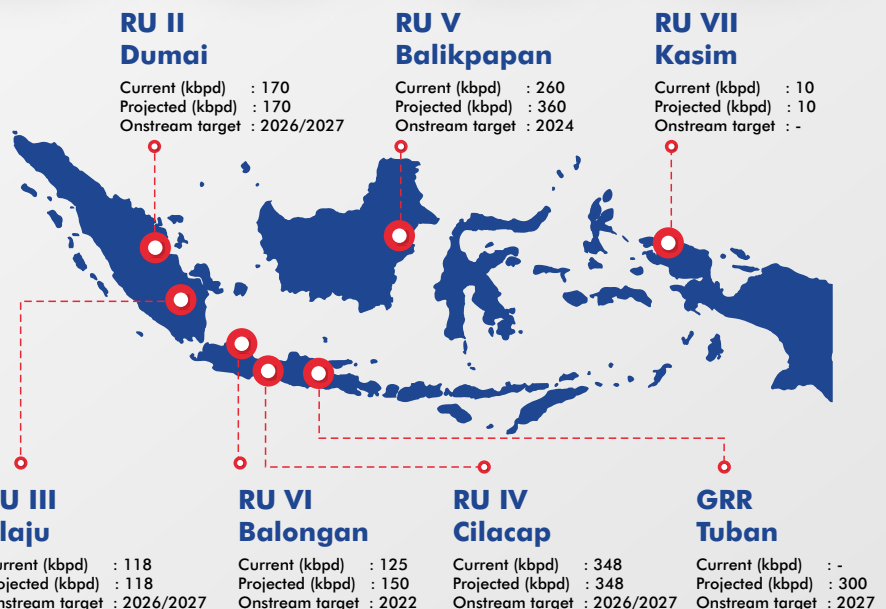
The installed capacity of Pertamina's refineries is currently only able to meet about 60 to 70 percent of the national fuel needs; Pertamina imports the rest.

The purpose of the RDMP Project is:



The Pertamina refineries that will be upgraded and revamped are Refinery Unit (RU) V Balikpapan, RU VI Balongan, RU IV Cilacap, RU III Plaju, and RU II Dumai. Pertamina is also building a new refinery in Tuban through the Grass Root Refinery (GRR) program.

Kilang Pertamina Internasional carries out RDMP and GRR projects as the Refining & Petrochemical Subholding of Pertamina.



RDMP Balikpapan in Progress



2019

The project is started

June 2020

51% in progress, include installation of the main unit at RFCC (Residual Fuel Catalytic Cracker)

2023

Completion target

increase processing capacity from 260 kbpd to 360 kbpd

increase refinery complexity from 4.1 to 8.8 by adding conversion units to produce more higher-value products

improve product quality to meet EURO V standards

increase crude processing flexibility to process more sour crude

RDMP Balikpapan in Progress

Refinery Unit (RU) V Balikpapan consists of two refinery units located in Balikpapan, East Kalimantan. The refinery units at RU V Balikpapan commenced operations in 1922 and 1983 and the first unit was revamped/modified in 1997.

RU V Balikpapan is able to produce motor gasoline, kerosene, aviation turbine fuel, gas oil and LSWR via its primary process unit and naphtha, LPG, oil base mud and wax via its primary and secondary process units.

RU V Balikpapan had an NCI of 4.1, its primary process unit had a processing capacity of 236.8 kbpd and its secondary process units had a processing capacity of 52.3 kbpd for its HCU and 20.1 kbpd for its platforming unit. RU V Balikpapan is comprised of a CDU, HVU, HCU, Platforming and wax plant units.



Established : November, 2017

Shareholders :

- PT Pertamina (Persero) 99.9985%
- PT Pertamina Pedeve Indonesia 0.0015%

KPI's line of business is conducting oil, gas, new, and renewable energy business, whether domestic or overseas, through the construction and development of refineries, both domestic and overseas.

KPI became Refining & Petrochemical Subholding of Pertamina in June 2021.