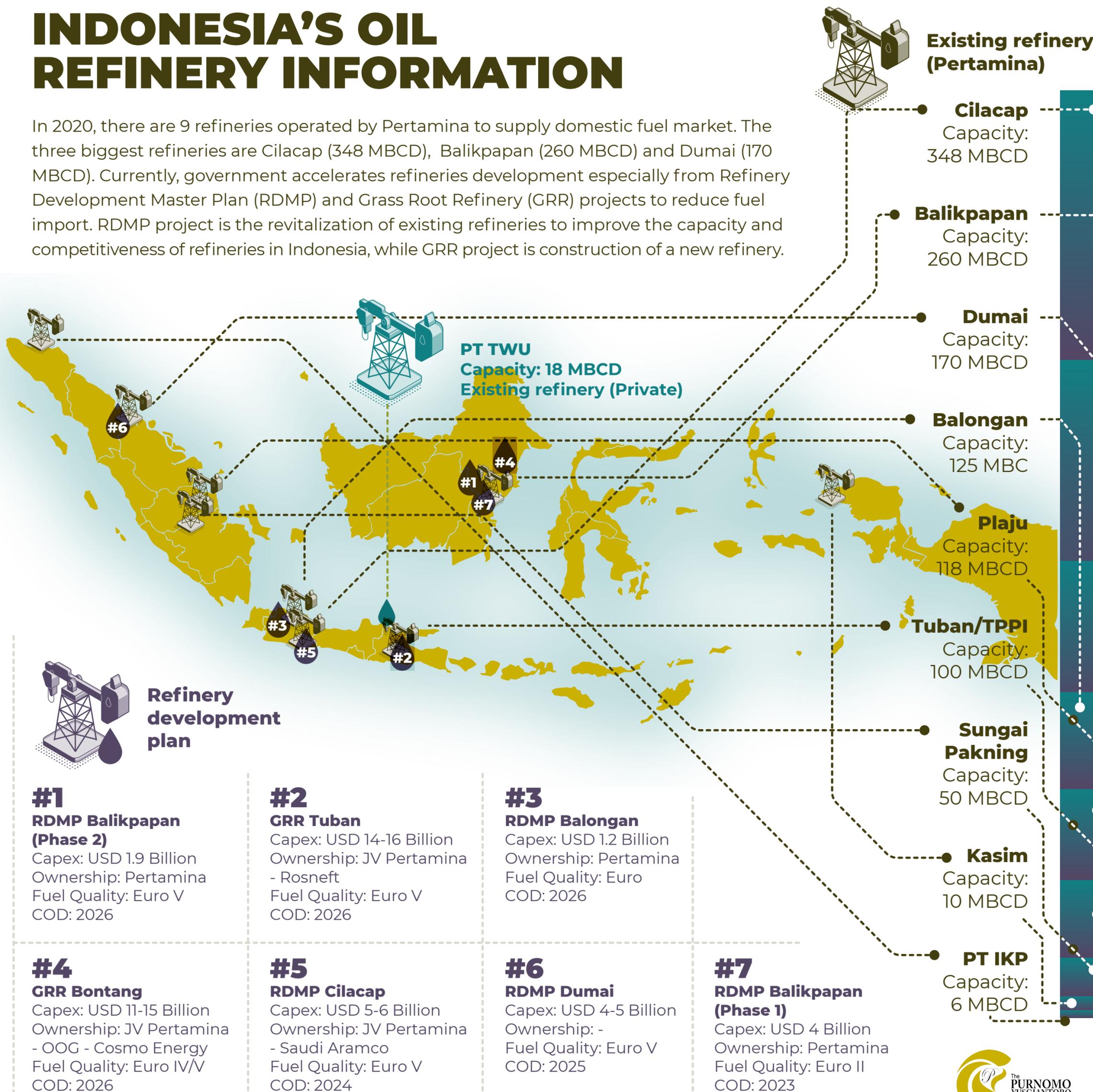


INDONESIA'S OIL REFINERY INFORMATION

In 2020, there are 9 refineries operated by Pertamina to supply domestic fuel market. The three biggest refineries are Cilacap (348 MBCD), Balikpapan (260 MBCD) and Dumai (170 MBCD). Currently, government accelerates refineries development especially from Refinery Development Master Plan (RDMP) and Grass Root Refinery (GRR) projects to reduce fuel import. RDMP project is the revitalization of existing refineries to improve the capacity and competitiveness of refineries in Indonesia, while GRR project is construction of a new refinery.



OIL REFINERIES INPUT

Thousand BPD

1,187 MBCD

1,000

800

600

400

The average of crude oil entering the Indonesian refineries from 2007 - 2018 was less than 1 million BPD.

'07 '08 '09 '10 '11 '12 '13 '14 '15 '16 '17 '18

OIL REFINERIES OUTPUT

Thousand Barrels

PRIMARY FUEL

150k

100k

50k

'07 '08 '09 '10 '11 '12 '13 '14 '15 '16 '17 '18

On primary fuel production, Ron-88 (subsidized fuel) still dominates refinery production in Indonesia.

SECONDARY FUEL

150k

100k

50k

'07 '08 '09 '10 '11 '12 '13 '14 '15 '16 '17 '18

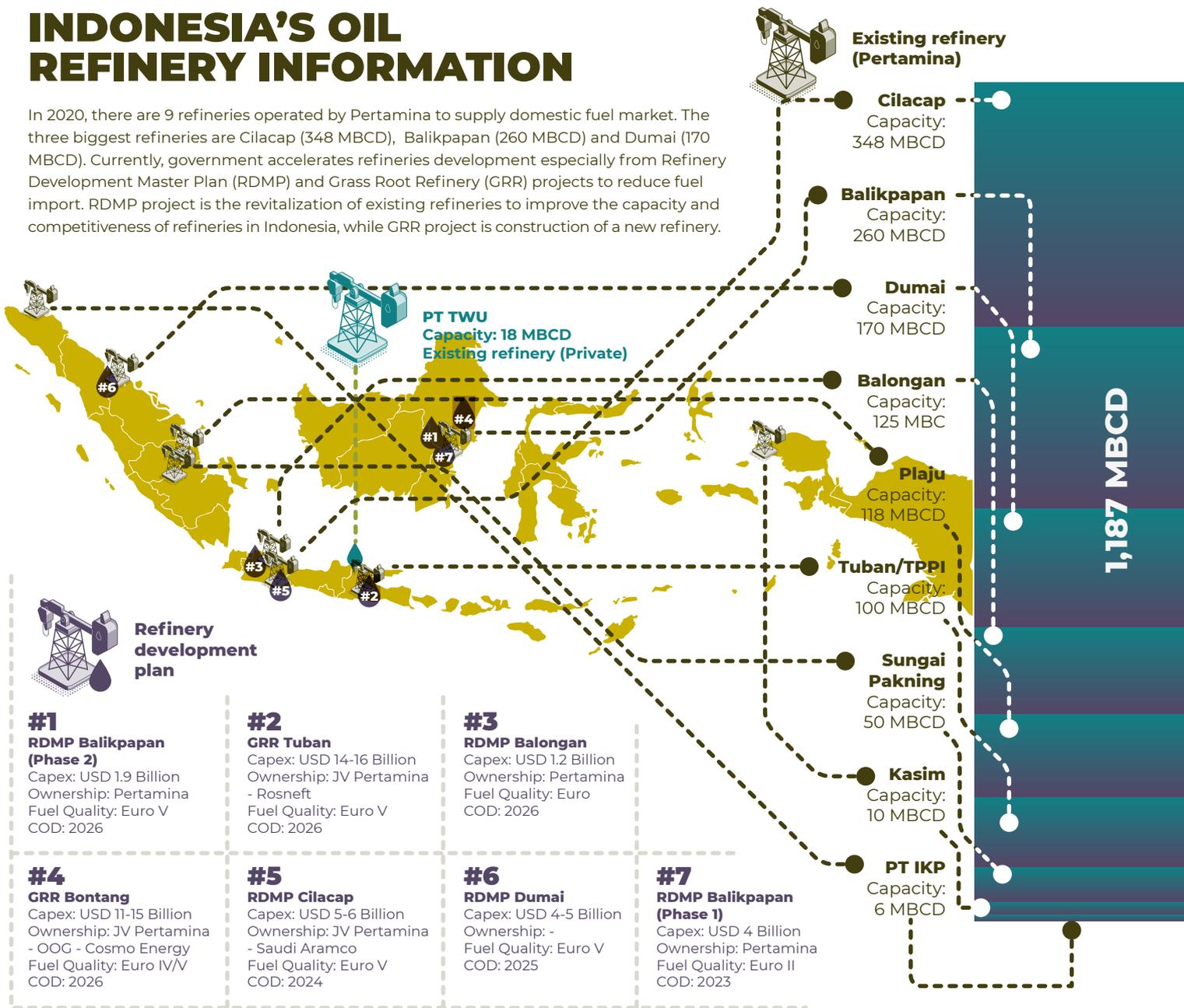
Low Sulphur Waxy Residue (LSWR) is a type of fuel widely produced on secondary fuel production.

All data can be accessed through the PYC Data Center website (www.datacenter-pyc.org).



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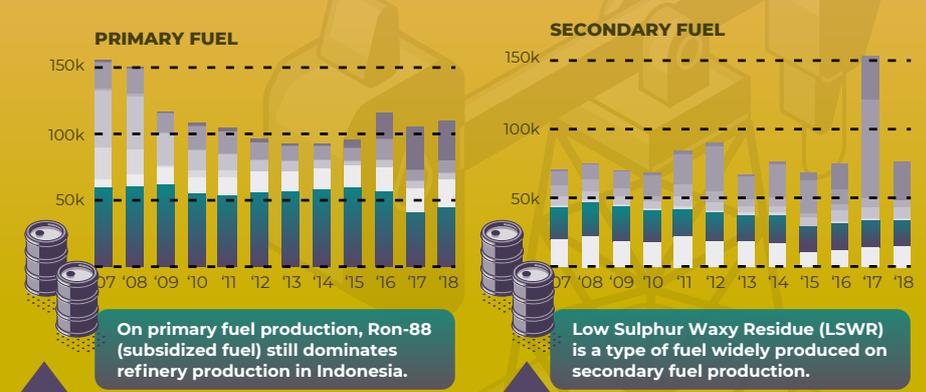
OIL REFINERIES INPUT

Thousand BPD



OIL REFINERIES OUTPUT

Thousand Barrels

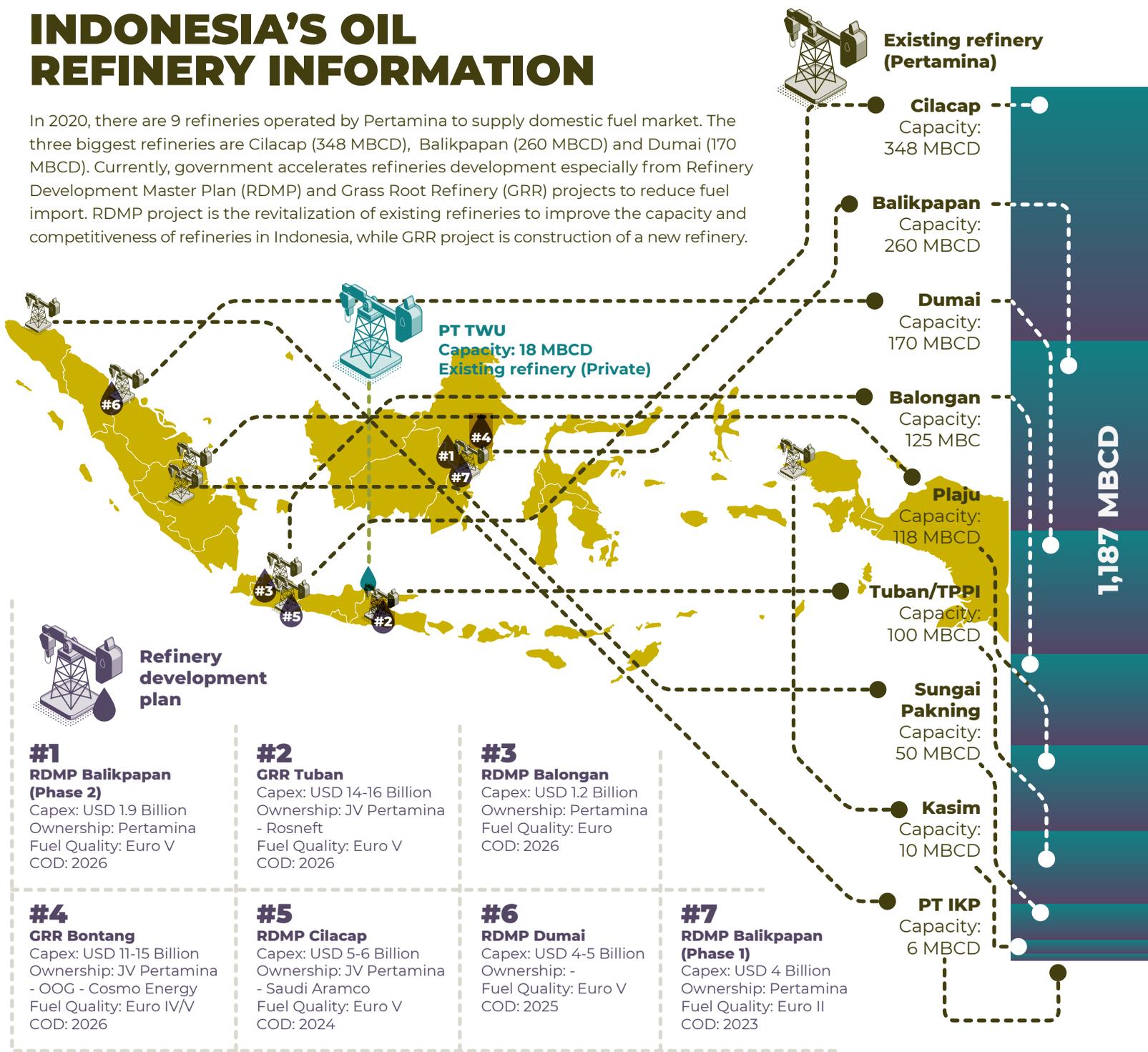


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INDONESIA'S OIL REFINERY INFORMATION

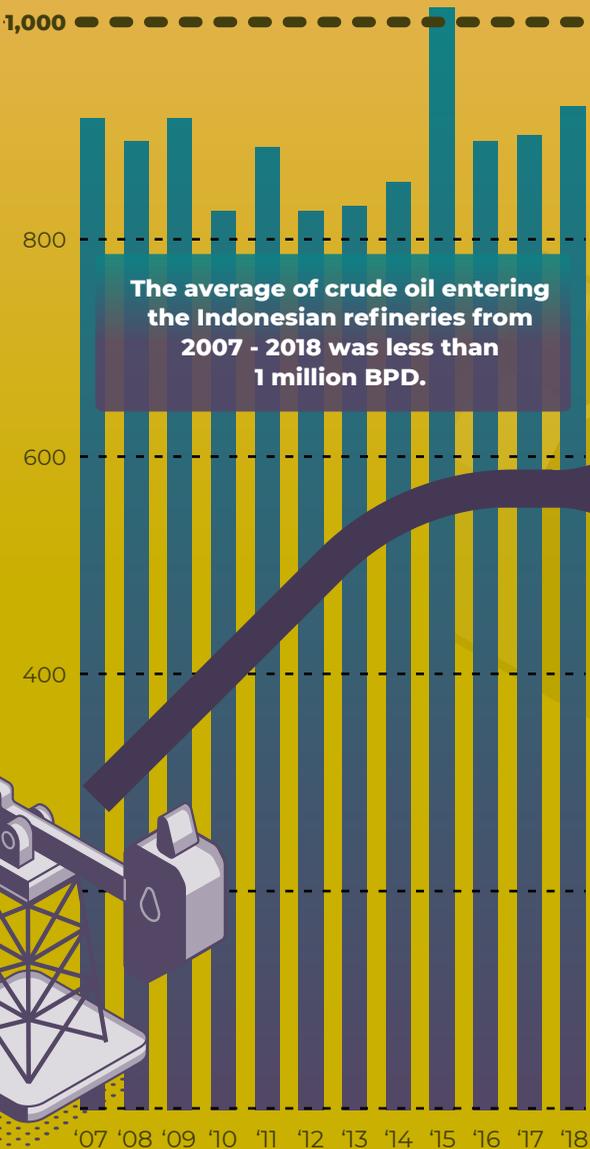
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OIL REFINERIES INPUT

Thousand BPD

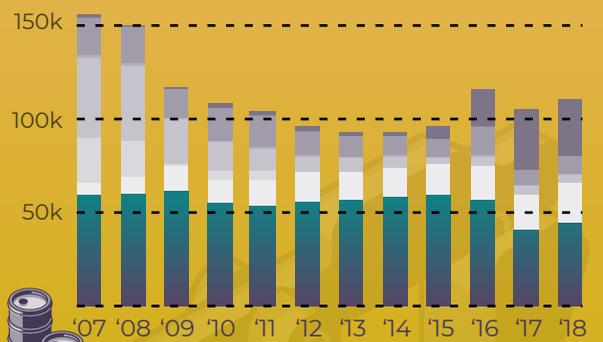
1,187 MBCD



OIL REFINERIES OUTPUT

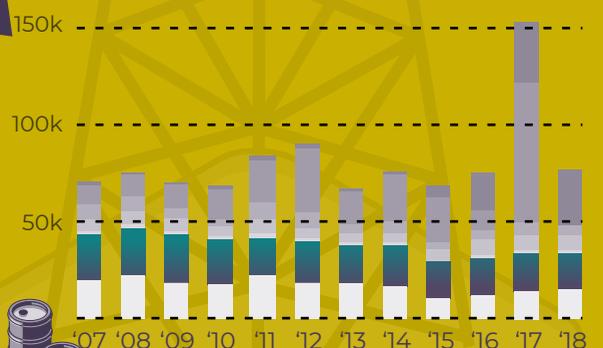
Thousand Barrels

PRIMARY FUEL



On primary fuel production, Ron-88 (subsidized fuel) still dominates refinery production in Indonesia.

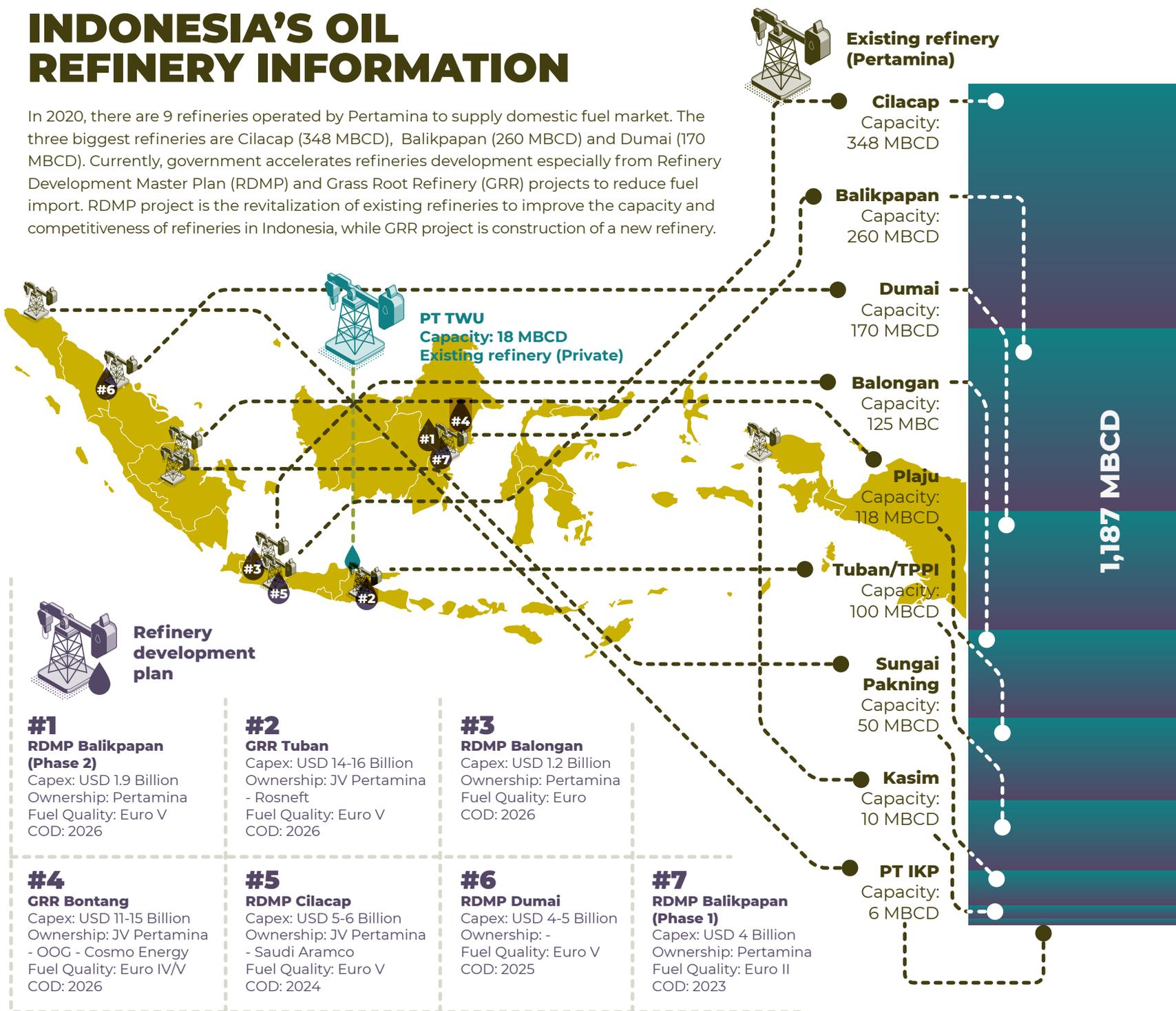
SECONDARY FUEL



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INDONESIA'S OIL REFINERY INFORMATION

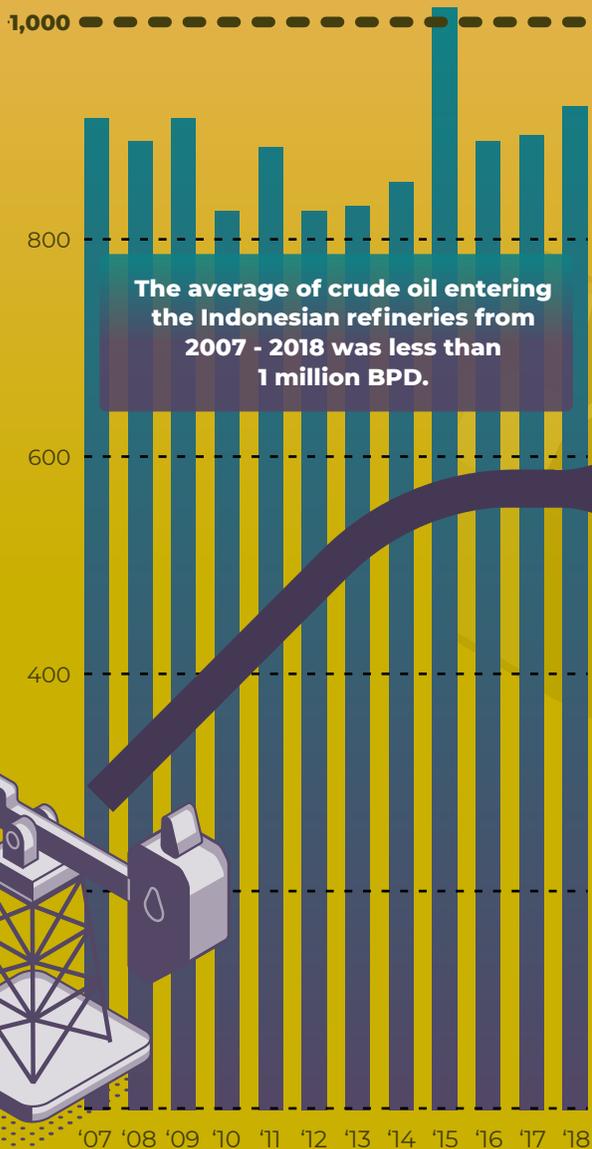
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OIL REFINERIES INPUT

Thousand BPD

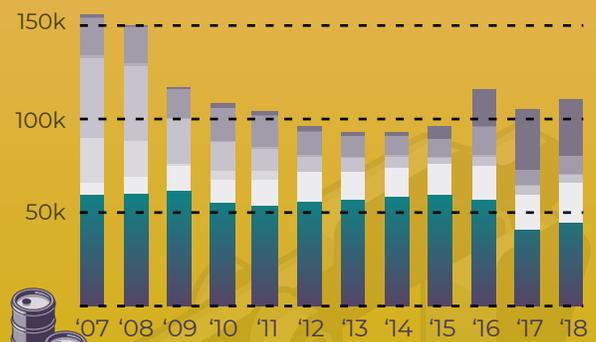
1,187 MBCD



OIL REFINERIES OUTPUT

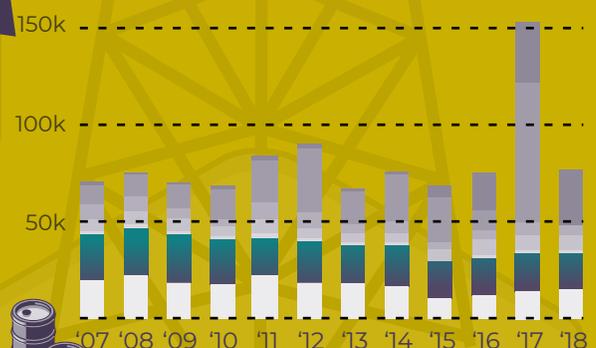
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