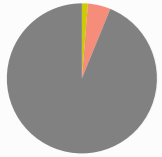


Indonesia • Fossil fuels • Conventional oil and gas

Conventional proved reserves by fuels, Billion tonnes of oil equivalent (%):



- Oil 0.34 (1.3)
- Natural Gas 1.27 (4.9)
- Coal 24.41 (93.8)

Total: 26.02 (100)

Sources: Based on the U.S. EIA 2021 data (Dec 2021) (oil, natural gas); BP Statistical Review of World Energy 2021 (coal).

Key natural gas processing plants:

- 1 Grissik
- 2 Gundih
- 3 Sengkang, EWC
- 4 Perta-Santan, Pertamina
- 5 Pondok Tengah, Pertamina

Key oil extraction fields:

- 1 Minas
- 2 Banyu Urip
- 3 Oyong (offshore)
- 4 Serang Jaya
- 5 Tanjung

Key natural gas extraction fields:

- 1 Tangguh
- 2 Terang (offshore)
- 3 Kampung Baru (Sengkang)
- 4 Tunu / Peciko / Ruby (offshore)
- 5 Arun
- 6 Kambuna (offshore)

Oil refinery, bpd:

- 1 Cilacap, Pertamina, 348 000
- 2 Balikpapan, Pertamina, 260 000
- 3 Dumai, Pertamina, 170 000
- 4 Plaju (Musi), Pertamina, 133 700
- 5 Balongan, Pertamina, 125 000
- 6 Sungai Pakning, Pertamina, 50 000
- 7 Kasim (Sorong), Pertamina, 10 000
- 8 Pangkalan Brandan, Pertamina, 5000
- 9 Cepu, Pertamina, 3800

Key FPSO terminals:

- 1 Belanak, ConocoPhillips
- 2 Anoa Natuna, Premier Oil
- 3 Brotojoyo, Peramina / PetroChina
- 4 Kakap Natuna, ConocoPhillips
- 5 Langsa Venture MV8, Xstate Resources
- 6 BW Joko Tole, BW Offshore
- 7 Arco Ardjuna, Pertamina**
- 8 Banyu Urip, Exxon Mobil**

** Floating, Storage & Offloading (FSO)

Key oil terminals:

- 1 Jakarta (Tanjung Priok)
- 2 Merak
- 3 Karimun
- 4 Mangkasa

- Oil field
- Crude oil pipeline
- Gas field
- Natural gas pipeline
- Pipeline start/end connection points
- Border crossing

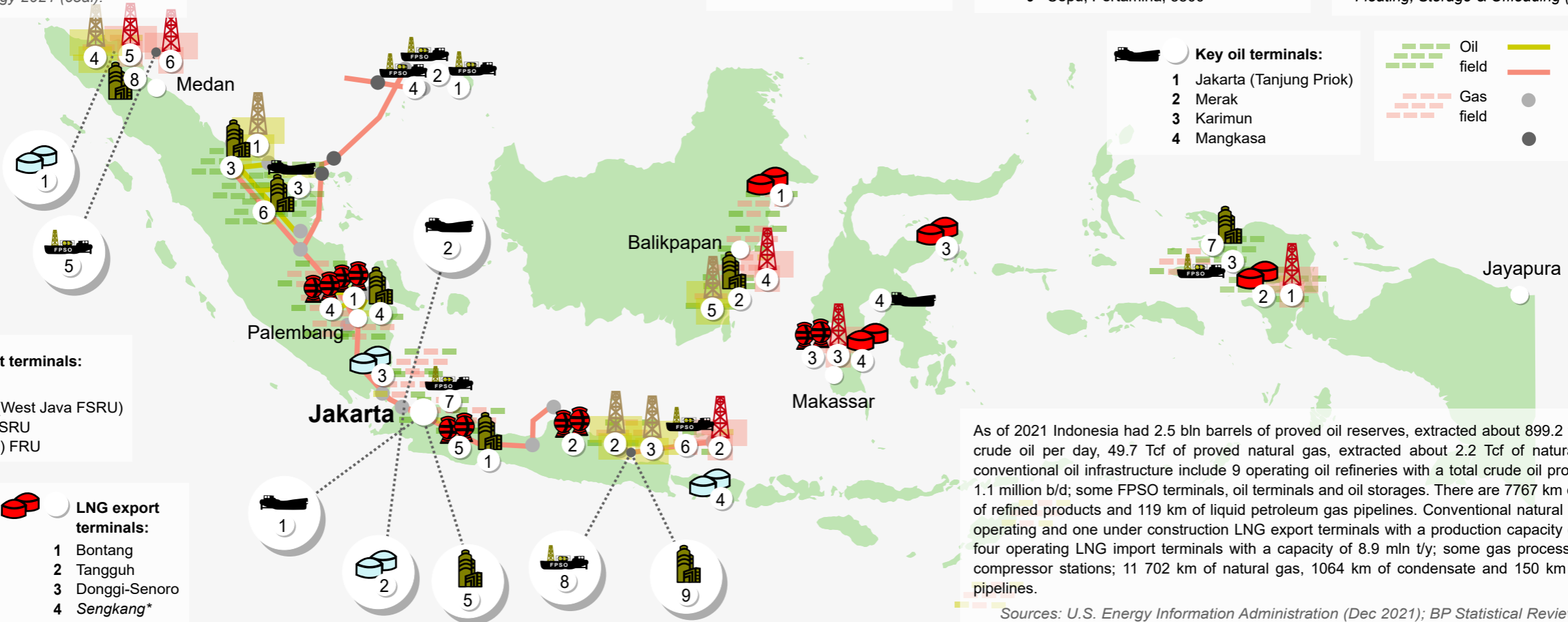
LNG import terminals:

- 1 Arun
- 2 Nusantara (West Java FSRU)
- 3 Lampung FSRU
- 4 Bena (Bali) FRU

LNG export terminals:

- 1 Bontang
- 2 Tangguh
- 3 Donggi-Senoro
- 4 Sengkang*

* under construction



As of 2021 Indonesia had 2.5 bln barrels of proved oil reserves, extracted about 899.2 thousand barrels of crude oil per day, 49.7 Tcf of proved natural gas, extracted about 2.2 Tcf of natural gas. Indonesia's conventional oil infrastructure include 9 operating oil refineries with a total crude oil processing capacity of 1.1 million b/d; some FPSO terminals, oil terminals and oil storages. There are 7767 km of crude oil, 728 km of refined products and 119 km of liquid petroleum gas pipelines. Conventional natural gas – include three operating and one under construction LNG export terminals with a production capacity of 33.2 mln t/y, and four operating LNG import terminals with a capacity of 8.9 mln t/y; some gas processing plants and gas compressor stations; 11 702 km of natural gas, 1064 km of condensate and 150 km of condensate-gas pipelines.

Sources: U.S. Energy Information Administration (Dec 2021); BP Statistical Review of World Energy 2021; Central Intelligence Agency; OPEC; A Barrel Full; Wikipedia.