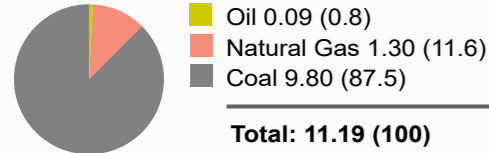
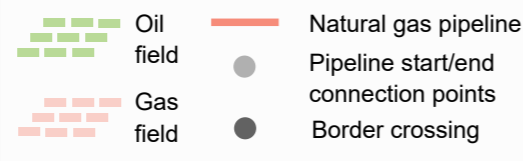


# Morocco • Fossil fuels

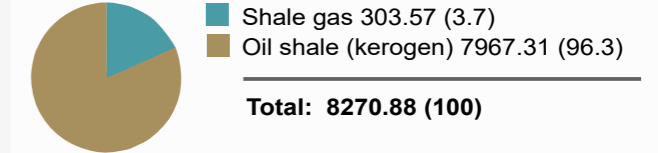
## Conventional proved reserves by fuels, Million tonnes of oil equivalent (%):



Source: Based on the U.S. Energy Information Administration data (Sep 2023).



## Unconventional reserves by fuels, Million tonnes of oil equivalent (%):



Sources: Based on the U.S. EIA 2015 data (Sep 2023); U.S. Geological Survey SIR 2005-5294 (Sep 2023).

### Key natural gas extraction fields:

- 1 Gharb basin
- 2 Meskala

### Key oil extraction fields:

- 1 Sidi Rhalem

### Oil refinery, bpd:

- 1 Mohammedia, SAMIR, 125 000
- 2 Sidi Kacem, SAMIR, 25 000\*

\*closed in 2008, now is oil terminal

### Key oil storages:

- 1 Tangier-Med
- 2 Mohammedia
- 3 Sidi Kacem

### Major natural gas compressor stations:

- 1 Ain Bni Mathar
- 2 Tangier

### Key natural gas processing plant:

- 1 Meskala

### Key oil terminals:

- 1 Tangier-Med
- 2 Mohammedia

### Vertical oil shale retorting plant, t/d:

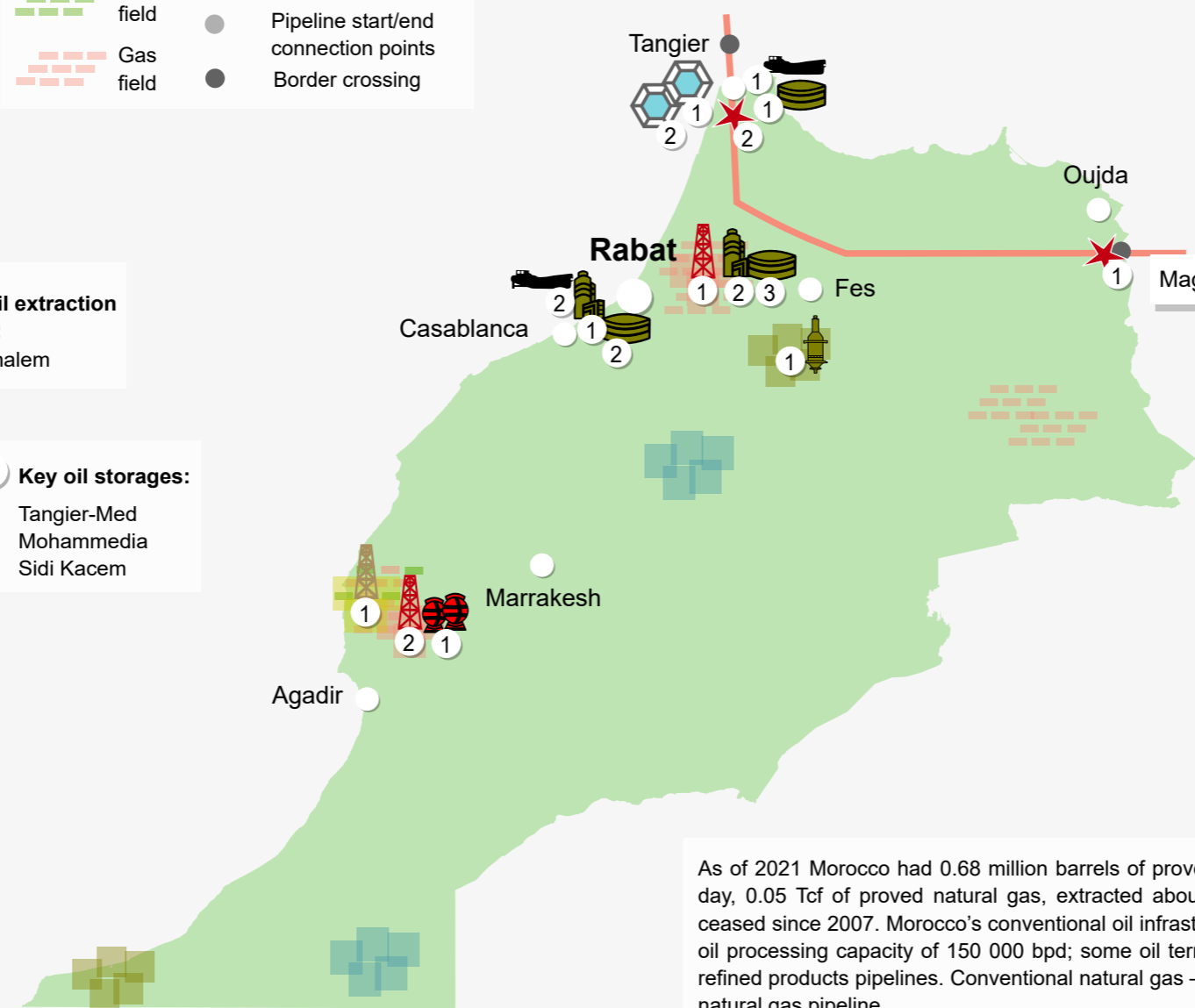
- 1 ONHYM Timahdit Pilot, 80

### Gas hydrates occurrence:

- 1 Ginsburg mud volcano (Moroccan Margin)
- 2 Yuma mud volcano (Moroccan Margin)

### Largest shale gas fields (Tindouf or Zag Basin and Tadla Basin)

### Largest oil shale (kerogen) fields (Timahdit and Tarfaya, Zone R)



As of 2021 Morocco had 0.68 million barrels of proved oil reserves, extracted about 0.05 thousand barrels of crude oil per day, 0.05 Tcf of proved natural gas, extracted about 3.73 Bcf of natural gas and 14.0 million tonnes of coal, extraction ceased since 2007. Morocco's conventional oil infrastructure include 1 operating and 1 closed oil refineries with a total crude oil processing capacity of 150 000 bpd; some oil terminals and oil storages. There are 270 km of crude oil and 175 km of refined products pipelines. Conventional natural gas – some gas processing plants and gas compression stations; 944 km of natural gas pipeline.

Sources: U.S. Energy Information Administration (Dec 2018); Central Intelligence Agency; A Barrel Full; Wikipedia.