Italy and Energy in the Med

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Financing the Maritime Economy, Investment and Development in the Mediterranean

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The context of world-wide growth in energy demand

The increasing European dependency on blue energy, natgas

Where the gas will come from (sources)

Italy’s inability to exploit domestic gas

Other developments in the blue economy

Conclusions
World Energy Consumption and Population
bln. TOE

2017: 14.7 bln. TOE
2040: 19.8 bln. TOE
2017: 7.6 bln.
1900: 0.74 bln. TOE
1950: 2.5 bln.
1900: 1.6 bln.

Rising energy demand, mostly fossil fuels

- REF
- Biomass
- Hydro
- Nuke
- Coal
- Gas
- Oil
European gas consumption will rise due to the closure of various nuclear plants and the phasing out of coal. Production is rapidly decreasing. This means additional imports.
Gas will support the decarbonization process

Gas will play a vital role in allowing renewable energy sources, like wind and solar, to strengthen their market positions.

Source: BP statistical review, Eurostat, NE Nomisma Energia elaboration
Main gaslines towards Italy and Europe

Italy is already a gas hub just as it has been in the oil market for the past sixty years

Source: Nomisma Energia on Entsog data
Three Entry Points for Natural Gas from the Med

**Mazara del Vallo**: operating since 1983, 2 expansions; 36 billion cm capacity; 610 billion cm imported so far; 0 accidents. The plant in Mazara del Vallo is the most similar to TAP.

**Gela**: operating since 2006; 10 billion cm capacity; 90 billion cm imported over 14 years; 0 accidents.

**TAP**: under construction, 10 billion cm capacity.
The Case of TAP, a Transit towards another Sea

TAP is 3,500km long. Italy will host only 8km of pipeline. TAP is a strategic infrastructure and is one of the key European Projects of Common Interest for the Southern Gas Corridor. Total costs for the project are expected to exceed 40 billion dollars.
Egypt’s Experience with the largest Investment in the Med

Egypt: Gas Consumption and Production (billion cubic meters)

An Egyptian Pound issued in 2019 to commemorate the investment of Zohr.

Egypt’s development relies on the availability of additional gas sources.

Zohr is the largest field (world-wide) discovered during the last 20 years.

15 billion €Euro investment

Record lead time to the market: 2 years.

Source: NE Nomisma Energia and BP Statistical Review
Fish Farming in Port Said, Egypt

Attività di acquacoltura

Sostenibilità in Egitto: programma di acquacoltura a Port Said

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