LNG THREAT MAP

Liquefied 'Natural' Gas (LNG) is fossil gas, cooled down to -162 degrees Celsius to turn it into a liquid. This reduces its volume by a factor of about 600, making it easier to load LNG on ships and transport it across the ocean. About 42% of the gas consumed in Europe in 2023 arrived in the form of LNG, the biggest part of it was fracked US LNG. Along the entire supply chain, LNG leads to high emissions, making it a hazardous climate threat that rivals even coal in its climate impact. On top of environmental damage, LNG has severe impacts on communities both in supply countries as well as many import countries.

These countries export dirty LNG to Europe

Share of total LNG exports to EU, per supply country in 2023

EXPORT

- US 46%
- QATAR 12.1%
- RUSSIA 11.7%
- ALGERIA 9.4%
- NIGERIA 5.6%
- other countries

EARTHQUAKE RISK
POLLUTION OF RESIDENTIAL AREAS/PROTECTED AREAS
OTHER ECOSYSTEM THREATS
LAND ECOSYSTEM THREATS
CLOSE TO PROTECTED AREA
MARINE ECOSYSTEM THREATS
CONNECTED TO HYDROGEN
RUSSIAN GAS IMPORT
IMPORTED FRACKED GAS
FUELS CLIMATE CHANGE
OTHER DANGEROUS INDUSTRIAL HAZARDS
LACK OF SECURITY MEASURES
FOSSIL FUEL LOCK-IN
MARITIME PROBLEMS

The construction and operation of LNG facilities can lead to various **threats** to our air, water, natural environment and climate. The threat categories illustrated here are only a small selection and not comprehensive. On top of that there are many other issues to note, such as noise pollution, emission of various pollutants or contamination of sea water with chlorine, etc.

- OPERATING
- PERMISSIONS GRANTED
- EXPANSION
- PERMISSIONS APPLIED FOR
- PROPOSED
- CONSTRUCTION UNDERWAY
- OFFSHORE

Brunsbüttel LNG Terminal
Wilhelmshaven TES FSRU Terminal
Brunsbüttel FSRU
TES Wilhelmshaven LNG Terminal
Stade FSRU
Wilhelmshaven FSRU
Stade LNG Terminal
Mukran/Rügen FSRU
Lubmin FSRU
Lubmin RWE FSRU
Inkoo FSRU
Tallinn LNG Terminal
Paldiski LNG Terminal
Skulte LNG Terminal
Klaipeda FSRU
Polish Baltic Sea Coast/Gdansk FSRU
Swinoujście Polskie LNG Terminal
Grangemouth FSRU
Teesside GasPort FSRU
Shannon FSRU
Eemshaven FSRU
Pilot Cork FSRU
South Hook LNG Terminal
Predator FSRU
Grain LNG Terminal
Gate LNG Terminal
VTTI FSRU
Zeebrugge LNG Terminal
Portland Port, Dorset
Dunkirk LNG Terminal
Le Havre FSRU
Montoir LNG Terminal
Bratislava LNG terminal
Black Sea LNG Terminal
Krk LNG
Krk FSRU
Adriatic LNG Terminal
Ravenna FSRU
Panigaglia LNG Terminal
Vado Ligure FSRU
Toscana FSRU
Piombino FSRU
Fos Cavaou LNG Terminal
Fos Tonkin
Bar LNG Terminal
Alexandroupolis FSRU
Thrace FSRU
Port of Vlora FSRU
Thessaloniki FSRU
Argo FSRU
Revithoussa LNG Terminal I & II
Dioriga FSRU
Vassilikos FSRU/Cyprus LNG terminal
Mugardos LNG terminal/Reganosa Ferrol
El Musel LNG Terminal
Bilbao LNG terminal
Barcelona LNG terminal
Sines LNG terminal
Sagunto LNG terminal
Cartagena LNG terminal
Huelva LNG terminal
Porto Torres FSRU Terminal
Cagliari FSRU
Gioia Tauro LNG Terminal
Porto Empedocle LNG Terminal
Delimara FSRU

DISCLAIMER

Please note *that developments around LNG build-out plans can change quickly and that project promoters often provide insufficient or contradictory information.*
Thus, this list might not be fully exhaustive. Small-scale LNG projects which are planned and constructed in several European countries are not illustrated.