

INTERACTIVE WORLD LNG DASHBOARD

Version 4.1

FREQUENTLY ASKED QUESTIONS



Maps



Gulf Energy®

Produced by PE Maps

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WELCOME

Welcome to the **PE Maps** Web Application FAQs. We have compiled a series of Frequently Asked Questions which will hopefully answer initial queries about the map and mapping application.

FREQUENTLY ASKED QUESTIONS

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FREQUENTLY ASKED QUESTIONS

Q What information is shown in the map?

- A** The map is able to show the following:
- LNG regasification terminals defined by project status
 - LNG liquefaction plants defined by project status
 - Natural gas pipelines defined by status
 - Natural gasfields

The initial view is at the global view and shows just LNG facilities as well as country definitions. Colours define a country as a LNG importer, a LNG exporter, a LNG importer and exporter or no LNG. Pipelines and fields are zoom dependent and will appear as you zoom into the map.

Each LNG facility represented by a star is clickable and will have a pop-up box. The information shown here includes:

- Project name
- Region, Country, Onshore/Offshore
- Status and start-up date
- Operator

Q Are all LNG projects shown in the map?

A All known projects with or with plans to have international trade of LNG are shown on the map. Small-scale LNG is currently not available.

Q How do you define the LNG project status?

A Liquefaction (export) plant

- Operating - Plant that is currently built and producing LNG for the market.
- Under Construction - Plant has had all the necessary approvals and has started construction.
- Planned - Any one of the following: Plant that has received all necessary approvals but has not started construction, plant that has received approval from local or national government, plant that has received firm financial backing or plant that has had Heads of Agreement (HOA) or Letter of Intent (LOI) to deliver LNG to a third party.
- Proposed - Plant that has gone past the stage of being a feasibility study, then any one of the following: Plant that has been put forward but not received local or national government approval, plant that has been put forward but not received any firm financial backing or plant that has been put forward but has no HOA or LOI from a third party.
- Non operational - Projects that have closed, shut-in, been suspended or are on-hold

Regasification (import) terminal

- Operating - Terminal that is currently built and receiving LNG from the market.
- Under construction - Terminal has had all the necessary approvals and has started construction.
- Planned - Any one of the following: Terminal that has received all necessary approvals but has not started construction, terminal that has received approval from local or national government, terminal that has received firm financial backing, terminal that has had Heads of Agreement (HOA) or Letter of Intent (LOI) to receive LNG from a third party, US terminal onshore that has received approval from the Federal Energy Regulatory Commission (FERC) or US terminal offshore that has received approval from the United States Coast Guard (USCG) and the Maritime Administration (MARAD).
- Proposed - Terminal that has gone past the stage of being a feasibility study, then any one of the following: Terminal that has been put forward but not received local or national government approval, terminal that has been put forward but not received any firm financial backing, terminal that has been put forward but has no HOA or LOI from a third party, US terminal onshore that has not received approval from (FERC) or US terminal offshore that has not received approval from (USCG) and (MARAD).
- Non operational - Projects that have closed, shut-in, been suspended or are on-hold

Q What is the source of the data?

A All the data is sourced from multiple sources, firstly within the **Gulf Energy Information** suite of publications, Petroleum Economist, Hydrocarbon Processing, Gas Processing & LNG, Pipeline & Gas Journal, Global Energy Infrastructure and World Oil.

 Gulf Energyⁱ

 Petroleum Economist

 HYDROCARBON PROCESSING

 GAS PROCESSING & LNG

 Pipeline & Gas Journal
connecting people to the pipeline industry worldwide

 Global ENERGY INFRASTRUCTURE

 World Oil

Secondly, we look to contract the owners and operators to get information directly. We keep a good relationship with these companies and firms to ensure the data is as up-to-date and possible.

Finally, we look at other industry media sources. We use this to check and verify information we have received.

Q How often is the data updated?

A Information is updated on a daily basis or as new information is made available.

Q Does the application work on my tablet or phone?

A Yes it will work on tablet and phone. The application is designed to work best on laptops and desktop computers. The application also runs fine on all tablets and mobile phones. However, you may find some functions more difficult to use as screen sizes get small.

Q Does the application work offline?

A No. This is a web based application and user will need internet access.

Q How close can I zoom?

A You can zoom to street level. To enhance the user experience you can use a selection of basemaps including satellite imagery.

Q Why can't I download the layer data?

A The layer data shown is read only. The information shown in the application is a subset of data from **Global Energy Infrastructure** LNG databases. If users have the requirement to download the full data set this can be arranged through GEI's websites (www.globalenergyinfrastructure.com). These websites offer a series of subscription web applications for the Midstream and Downstream sectors

Q How up-to-date is the satellite imagery?

A Satellite imagery comes as part of our agreement with ESRI. The imagery come from a third-party supplier Digital Globe. In certain regions or areas of the world you may find imagery is a little out of date. It is updated regularly but the frequency of updates is out of our control.

Q How accurate are the natural gas pipeline locations?

A This online map shows the approximate location of pipelines based on digital geographic pipeline information gathered by **PE Maps**, **Global Energy Infrastructure** and **Pipeline & Gas Journal**. As this data is constantly improved and updated, additional pipelines will be added and the accuracy of pipeline location improved. Some cartographic adjustments have been made for clarity.

Q Can I copy the data?

A Raw data **can not** be downloaded or copied from the application. However, screen shots and prints are permitted as long as they are clearly sourced: Extract from the Interactive World LNG Dashboard © **PE Maps / PE Media Network / Global Energy Infrastructure**

Q How accurate are the LNG project locations?

A **PE Maps** and **Global Energy Infrastructure** cartographic editors have been careful to ensure the location of each plant or terminal is correct. In the case of planned and proposed or speculative plant or terminal locations, where location information is not specific, the editors have made an executive as to its most likely location. As this data is constantly improved and updated the accuracy of LNG plant or terminal location improved.

Q How often are the statistics updated?

A The statistics in this application are annualised figures from Energy Information Administration (EIA), GIIGNL, Kpler and Cedigaz.

CONTACTS

If you are experiencing technical difficulties or have questions about the mapping application, please contact us for assistance.

Peregrine Bush
Senior Director Data & Technology
peregrine.bush@pemedianetwork.com

Seth Haskell
Research Analyst - LNG
seth.haskell@gulfenergyinfo.com

If you would like to enquire about commercial opportunities with relation to **PE Maps** interactive mapping applications, please contact:

John Royall
Commercial Director - PE Media Network
john.royall@gulfenergyinfo.com
+1 (713) 520-4443

If you would like to enquire about subscription opportunities with relation to **Global Energy Infrastructure** database services, please contact:

Ed Bramwell
Global Sales Director - Global Energy Infrastructure
Ed.Bramwell@gulfenergyinfo.com
+44 20 3793 9705