

PHMSA LNG Workshop

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Who We Are

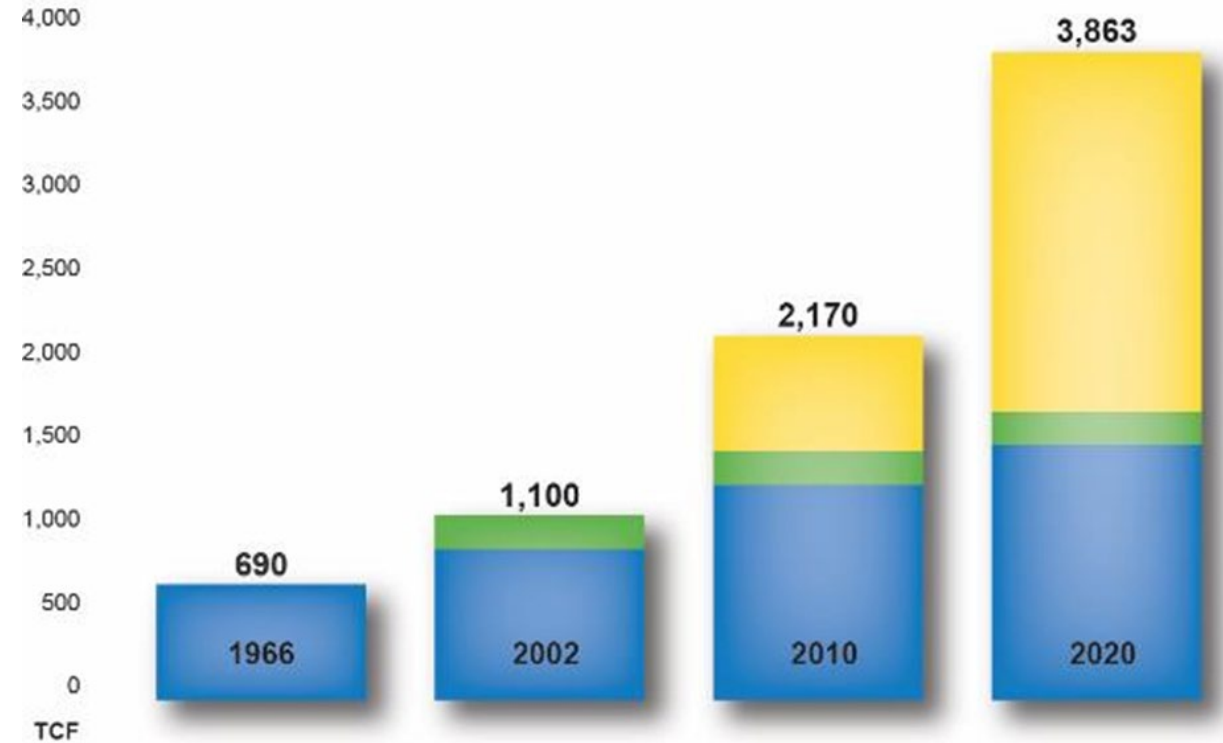


U.S Natural Gas: How We Got Here

- Shale revolution reshaped U.S. Natural gas and changed the conversation from imports to exports

U.S. Recoverable Natural Gas Resources Up Almost 80% in Last Decade

Shale Gas Coal Bed Methane Traditional Gas Resources



Data Source: *Potential Supply of Natural Gas in the U.S. 2020*, Potential Gas Committee, 2021

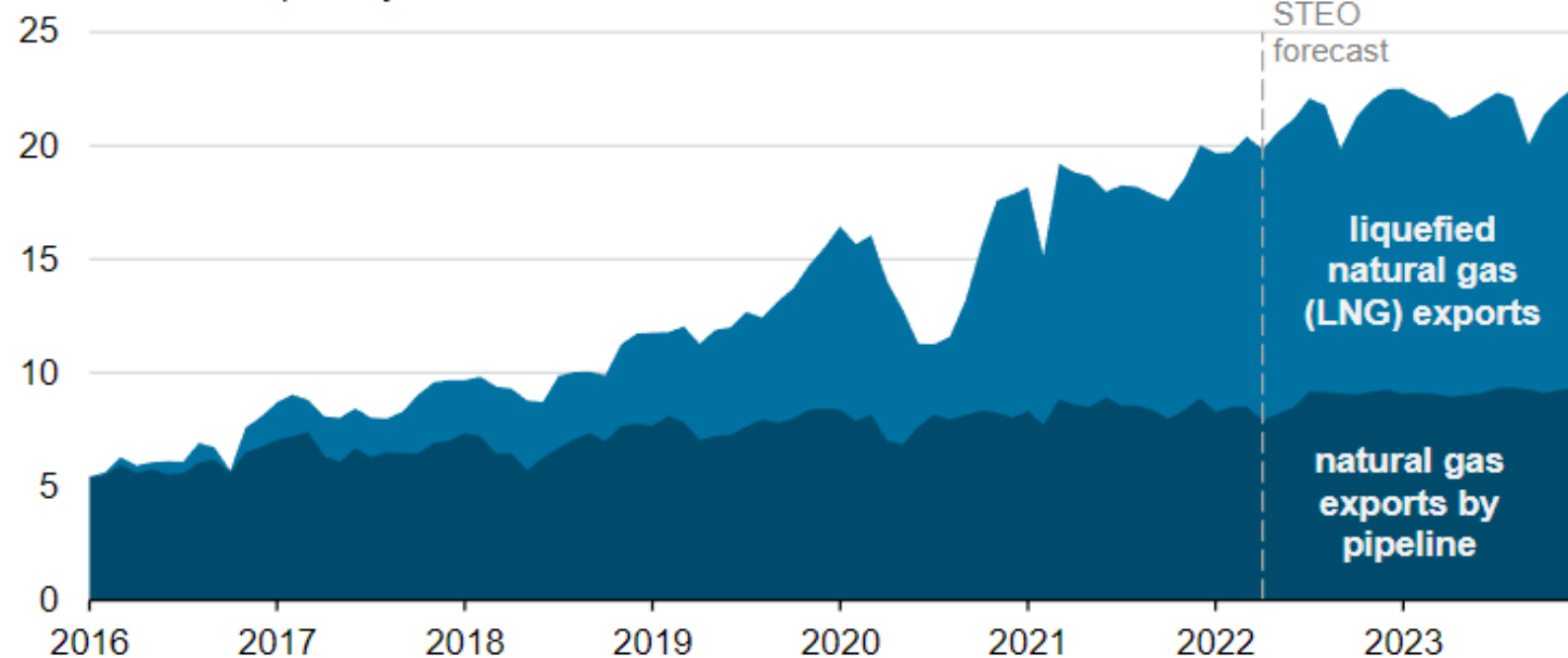
U.S. LNG: How We Got Here

Since 2016, U.S. LNG nameplate capacity has risen to over 12 Bcf/d.

Liquefied natural gas exports continue to lead growth in U.S. natural gas exports

Monthly U.S. natural gas exports (Jan 2016–Dec 2023)

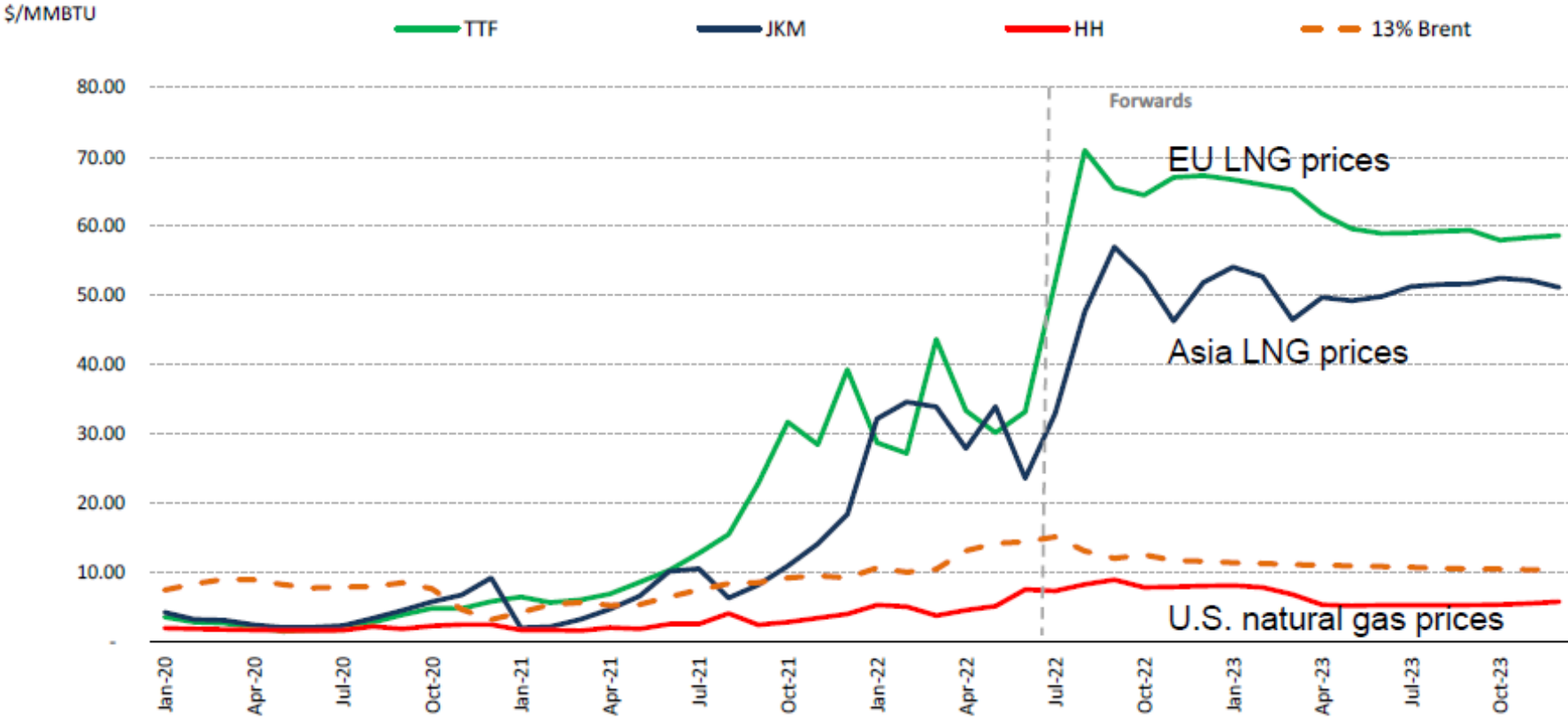
billion cubic feet per day



Source: U.S. Energy Information Administration, *Short-Term Energy Outlook* (STEO)

Competition for Cargoes

Global LNG price

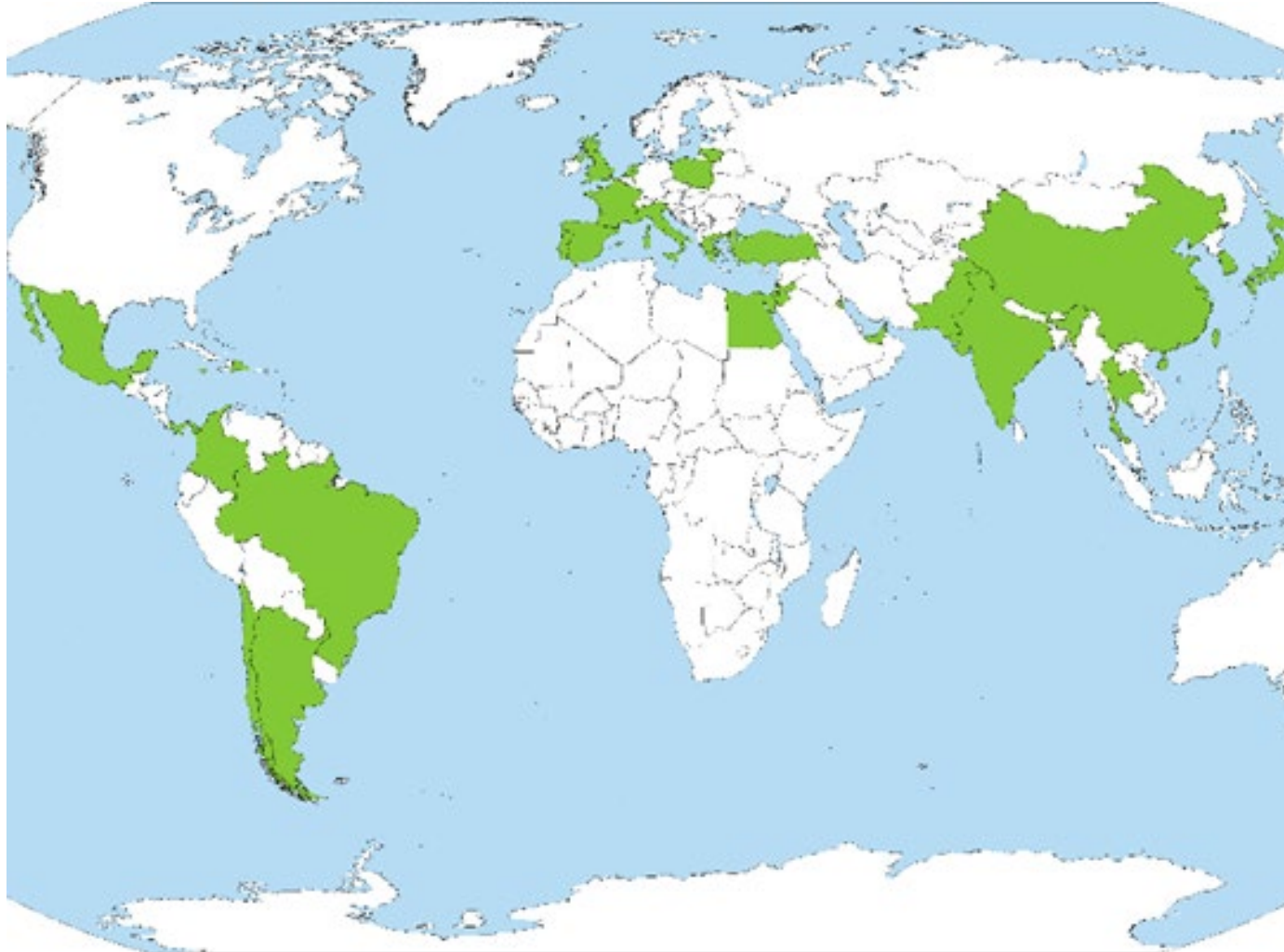


Global Demand for LNG is strong, increased competition between two of the largest markets for LNG

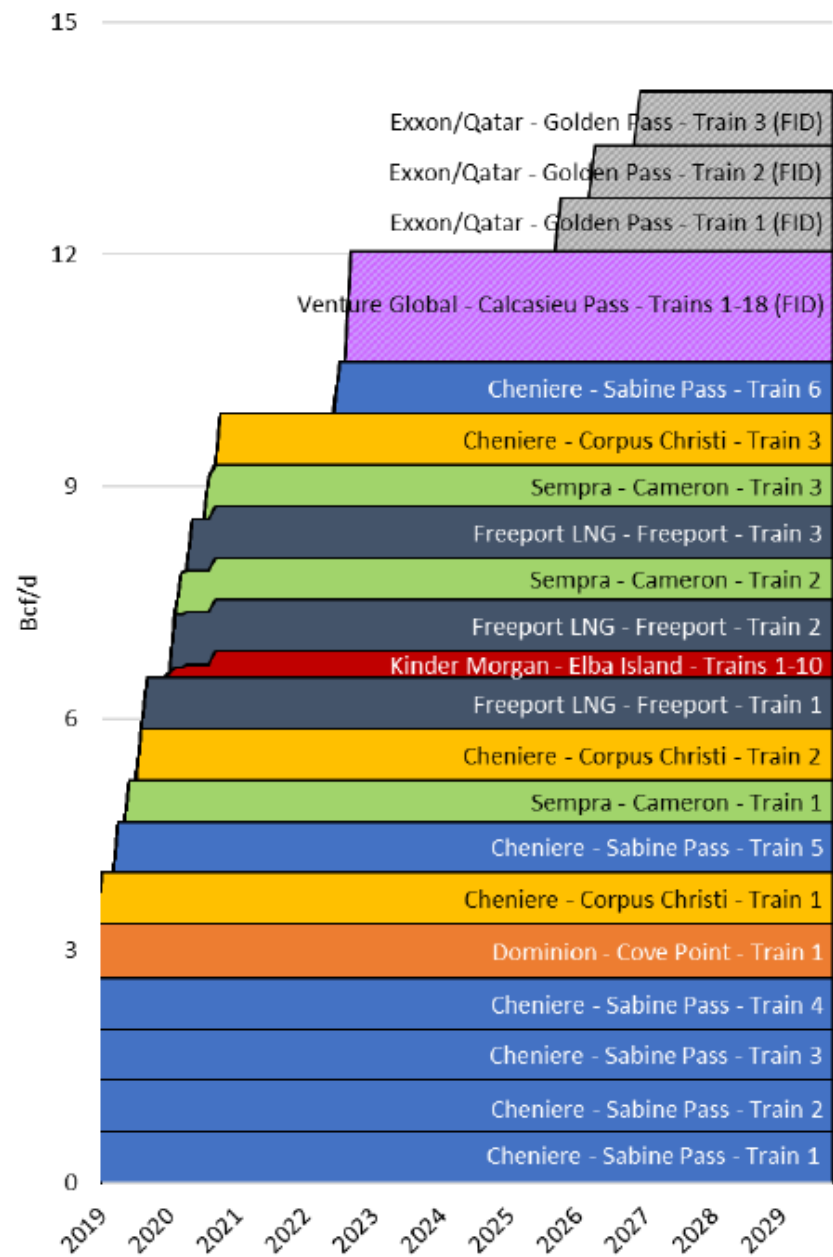
Source: ICE. Future curves are based on 8/17/2022 settlements



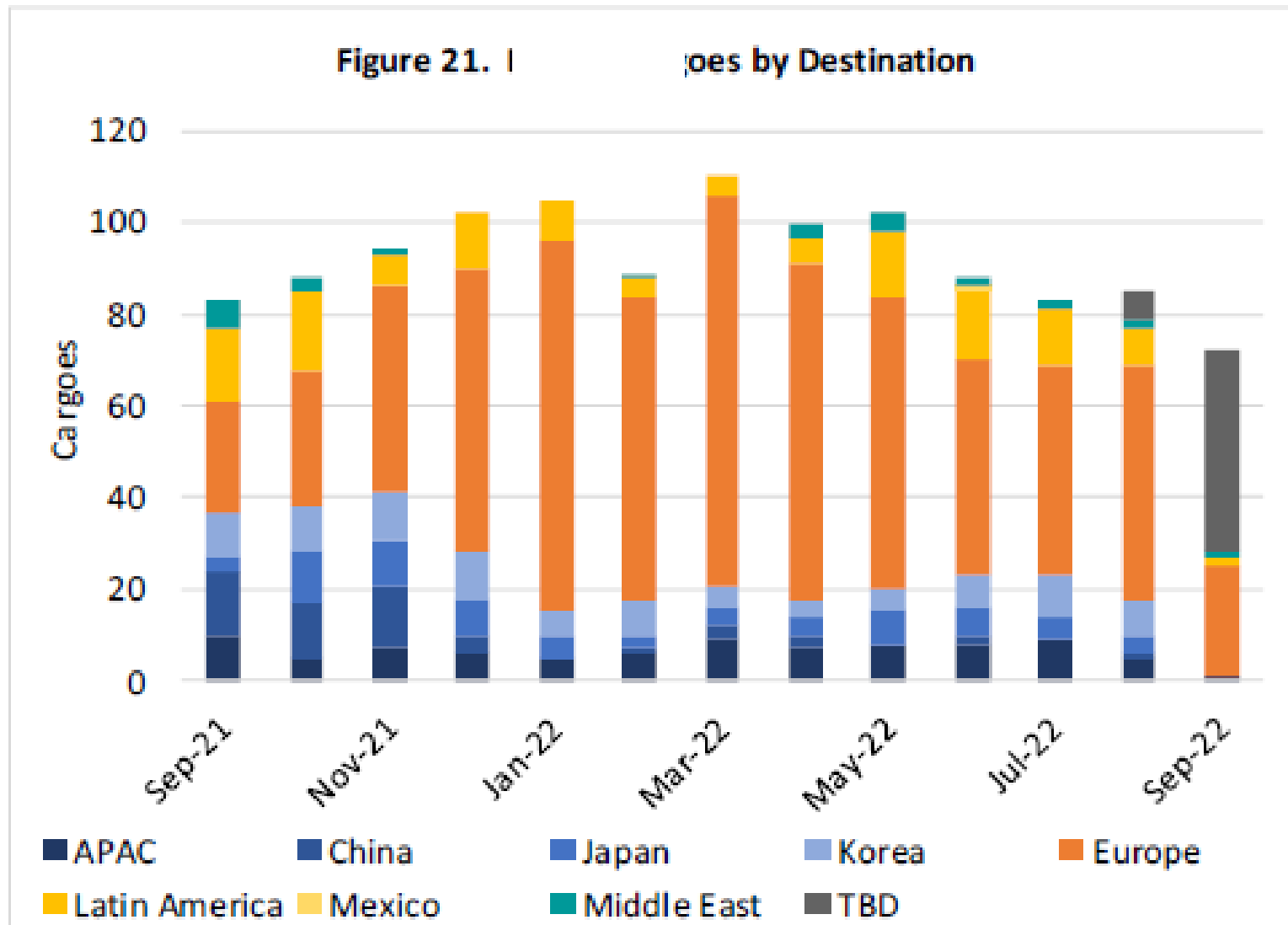
**U.S. LNG cargoes have reached more than 35 countries,
and the list continues to grow**



U.S. LNG Outlook



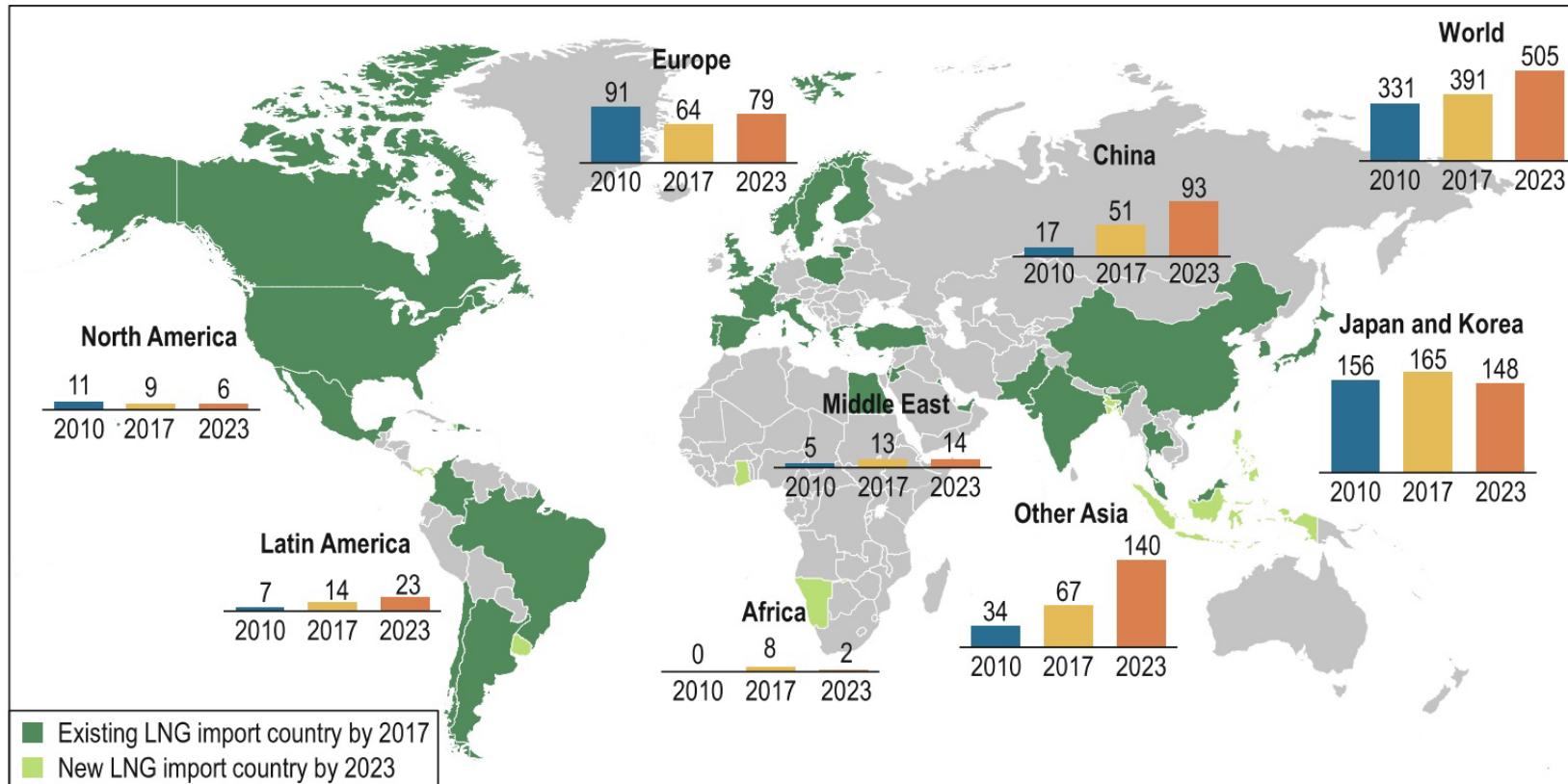
Demand in Europe Grows



U.S. is Europe's Largest Supplier of LNG

Global Long-Term Supply & Demand Outlook

LNG import countries and volumes (in bcm), 2010-23

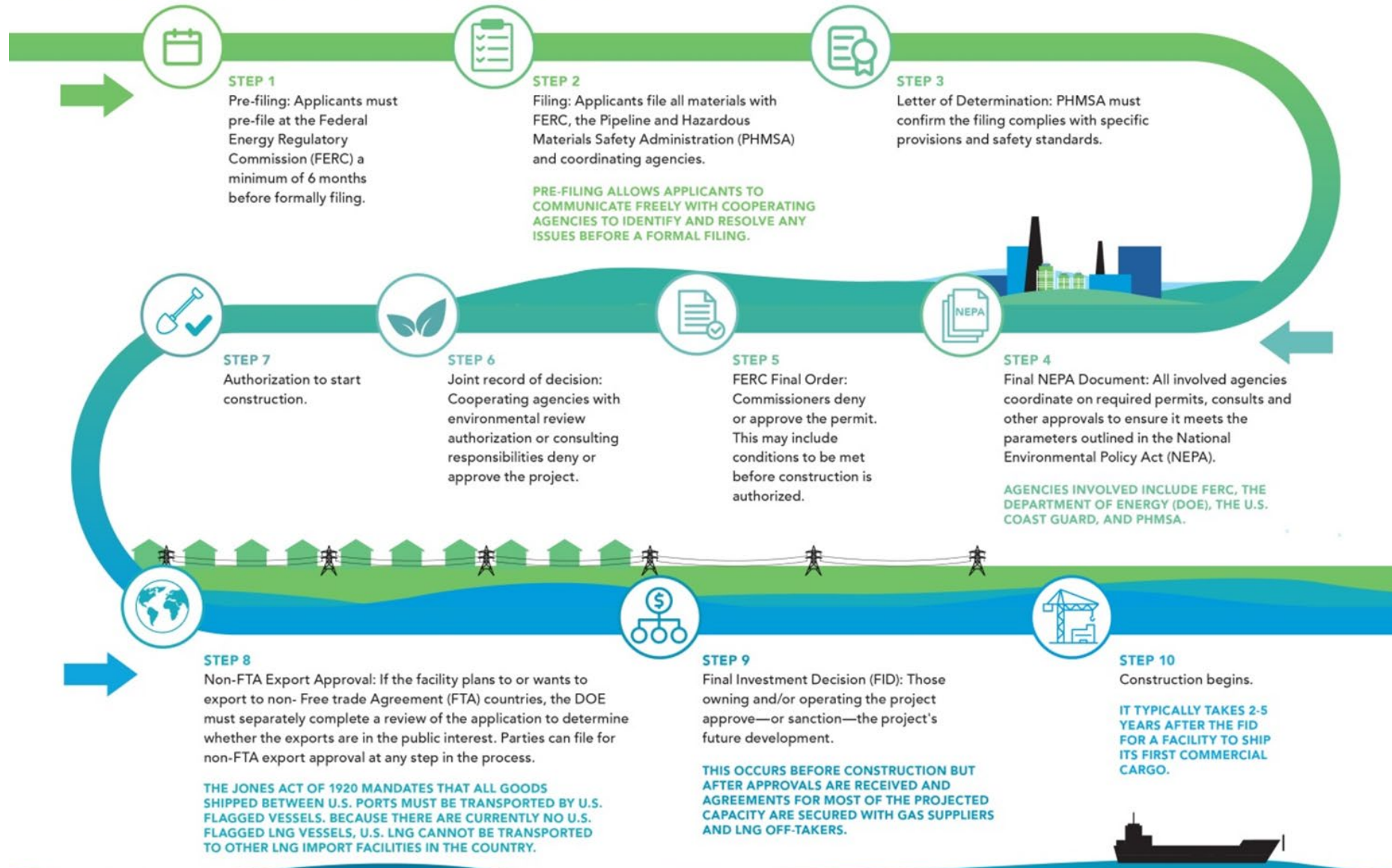


EIA, IEA, and others all point to continued growth in global LNG market

This map is without prejudice to the status of or sovereignty over any territory, to the delimitation of international frontiers and boundaries, and to the name of any territory, city or area.

STEPS FOR LNG PROJECT APPROVAL

The One Federal Decision Policy established a two-year goal for the federal approval process for an LNG facility. This is the process to begin construction of a new facility:



Thank you

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