



JOGMEC's Multi-Layered Contribution to LNG Supply Security

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JOGMEC's Multi-Layered Contribution to LNG Supply Security

Diversifying LNG Source

Assistance to LNG Projects



Expansion of Asian LNG Market

- Capacity Building



Improving Transparency and Reliability of LNG

- Information Dissemination
- International Collaboration



1. Diversifying LNG Source

Assistance track record:

- Equity Capital

1.6 Billion USD

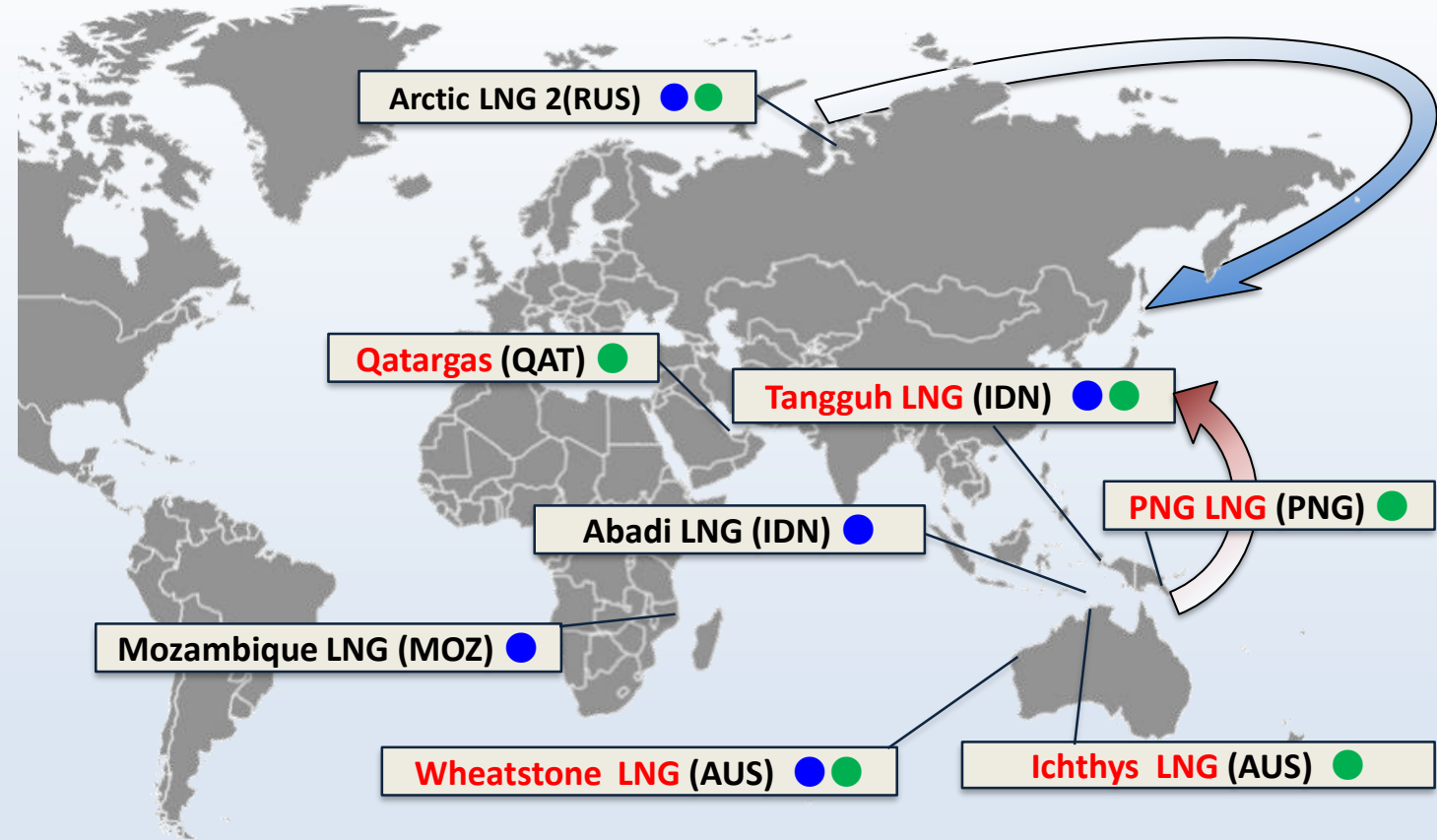
- Liability Guarantee

4.9 Billion USD

Total liquefaction capacity with JOGMEC's financial assistance:

82MTPA

= 26% of the entire liquefaction capacity



JOGMEC's Assistance

Production Stage

Equity capital: ●

Liability guarantee: ●

Note: Incl. completion guarantee

1. Diversifying LNG Source

Mozambique LNG Area1

<FID: June 19th, 2019>

Arctic LNG 2

<FID: September 5th, 2019>



12.8
MTPA

20%

2024~

Production
Capacity

Japanese
Participation

Expected year
of production
commencing

19.8
MTPA

10%

2023~

Production
Capacity

Japanese
Participation

Expected year
of production
commencing

Unique locations: East Africa and within Arctic Circle

2. Expansion of Asian LNG Market

JOGMEC's Training Program

160+ Trainees From 9 Countries

100+
• LNG Value Chain Training Program

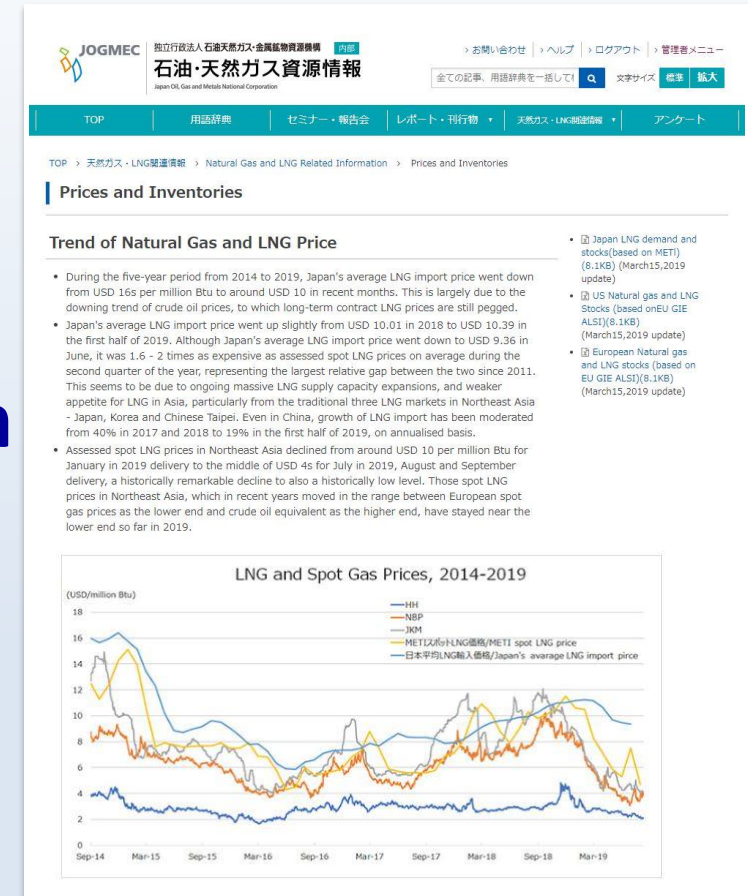
60+
• Tailor-Made Training Program



3. Improving Transparency and Reliability of LNG -Information Dissemination-

What the website offers:

- ✓ Trends of Natural Gas and LNG prices
 - including JKM, HH, NBP
- ✓ Japan's import price for short- and long-term
- ✓ JOGMEC's special analytical reports
- ✓ Natural gas and LNG inventory statistics



Why not visit <https://oilgas-info.jogmec.go.jp/>?

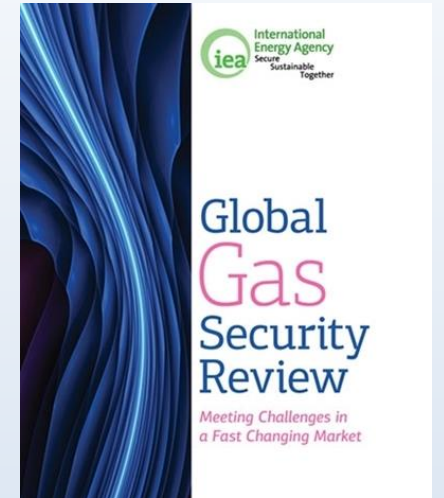
3. Improving Transparency and Reliability of LNG

-International Collaboration-

1. Collaboration/Cooperation with IEA



- Provided IEA with an article featuring Japanese major utilities' current strategies as a part of Global Gas Security Review 2019.



2. Joint study with CNPC Economics & Technology Research Institute



中国石油经济技术研究院
CNPC ECONOMICS & TECHNOLOGY RESEARCH INSTITUTE

- Joint study with CNPC ETRI for future LNG market.

