

# Qatar LNG to Japan

## Actual Status and Future Prospect

Tokyo, Japan  
18<sup>th</sup> November 2009



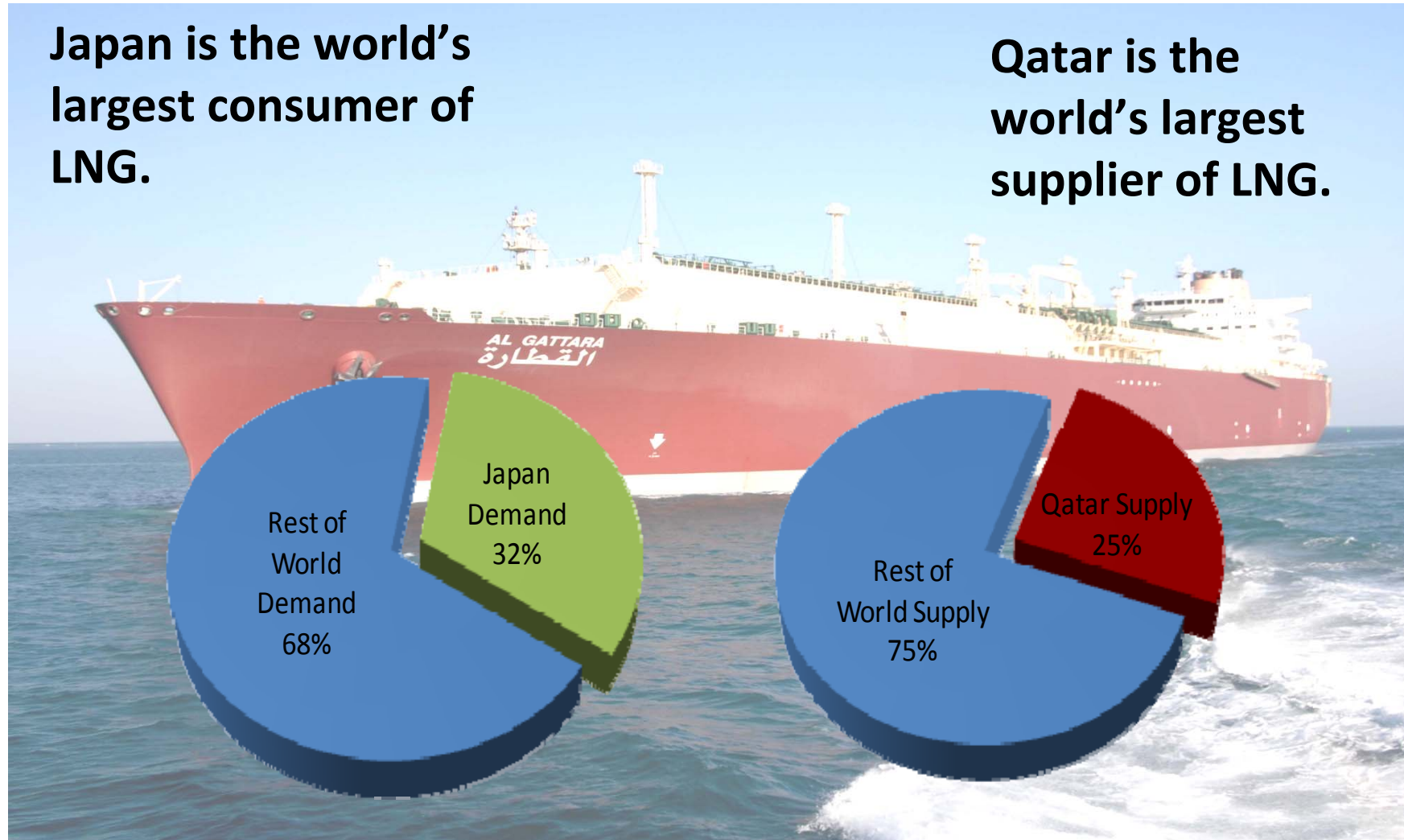
**Ahmed Al-Khulaifi**  
**Chief Operating Officer**  
**Commercial & Shipping**  
**Qatargas Operating Company Ltd.**



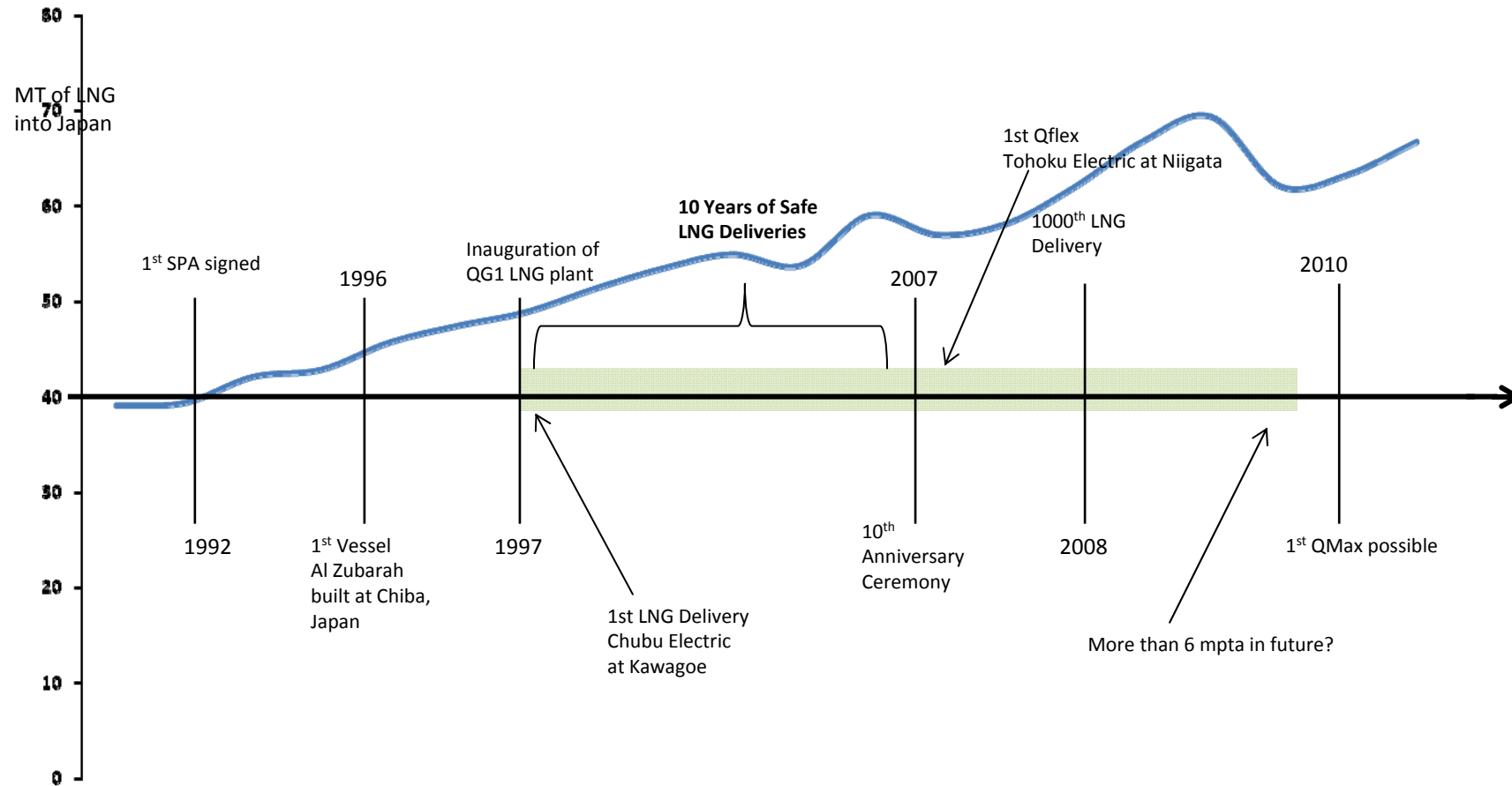
# Leading the World in LNG (2009-2010)

**Japan is the world's largest consumer of LNG.**

**Qatar is the world's largest supplier of LNG.**



# A Relationship of Historic Milestones



Highlights include: annual visits by our Energy Minister, a visit by the Qatari Emir, and a visit by the Prime Minister of Japan. The relationship is also supported by strategic investments from Japanese firms into Qatar LNG supply projects.

# Qatar LNG Deliveries in Japan

Reliable LNG supply to Japanese energy firms and their respective terminals.



- Chita
- Yokkaichi
- Kawagoe



- Chita



- Niigata



- Himeji
- Senboku



中国電力

- Yanai
- Mizushima



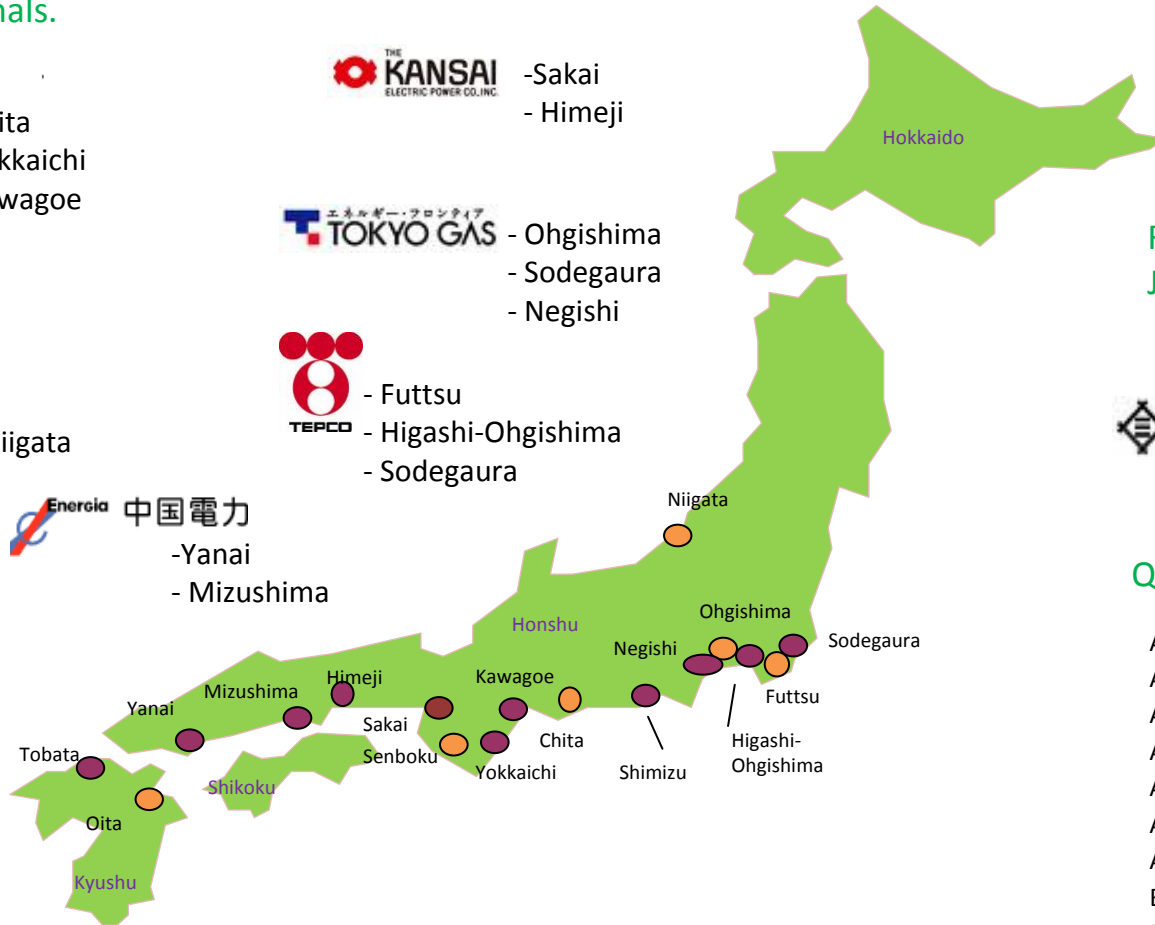
- Sakai
- Himeji



- Ohgishima
- Sodegaura
- Negishi



- Futtsu
- Higashi-Ohgishima
- Sodegaura



Reliable investment for Japanese shareholders.



## Qatar Vessels to Japan

- |            |             |
|------------|-------------|
| Al Bidda   | QFLEX       |
| Al Jasra   | Al Ruwais   |
| Al Khor    | Al Safliya  |
| Al Rayyan  | Duhail      |
| Al Wajbah  | Al Ghariya  |
| Al Wakrah  | Tembek      |
| Al Zubarah | A Hamla     |
| Broog      | Al Gattara  |
| Doha       | Al Gharrafa |
| Zekreet    |             |

### Spot Buyers:

- Kyushu Electric Power
- Shizuoka Gas Company

- QFlex deliveries have been made to Niigata and Ohgishima Terminal to date.
- Chita scheduled to receive QFlex in December 2009.



# Overview of Qatar LNG



Reliability.

<u>Qatar Production</u>	<u>MTA</u>
Total	77.5

<u>Qatargas Ventures</u>	<u>MTA</u>
QG 1	10.0
QG 2	15.6
QG 3	7.8
QG 4	7.8
Total	41.2

<u>Rasgas Ventures</u>	<u>MTA</u>
RL 1	6.6
RL 2	14.1
RL 3	<u>15.6</u>
Total	36.3

# Qatar LNG Shipping

## Qatar's LNG Fleet

14 Q-Max

31 Q-Flex

26 Conventional Ships

**Flexibility.**

## Qatargas's LNG Fleet

13 Q-Max

19 Q-Flex

12 Conventional Ships

## Rasgas's LNG Fleet

1 Q-Max

12 Q-Flex

14 Conventional Ships

# Qatar Receiving Terminals



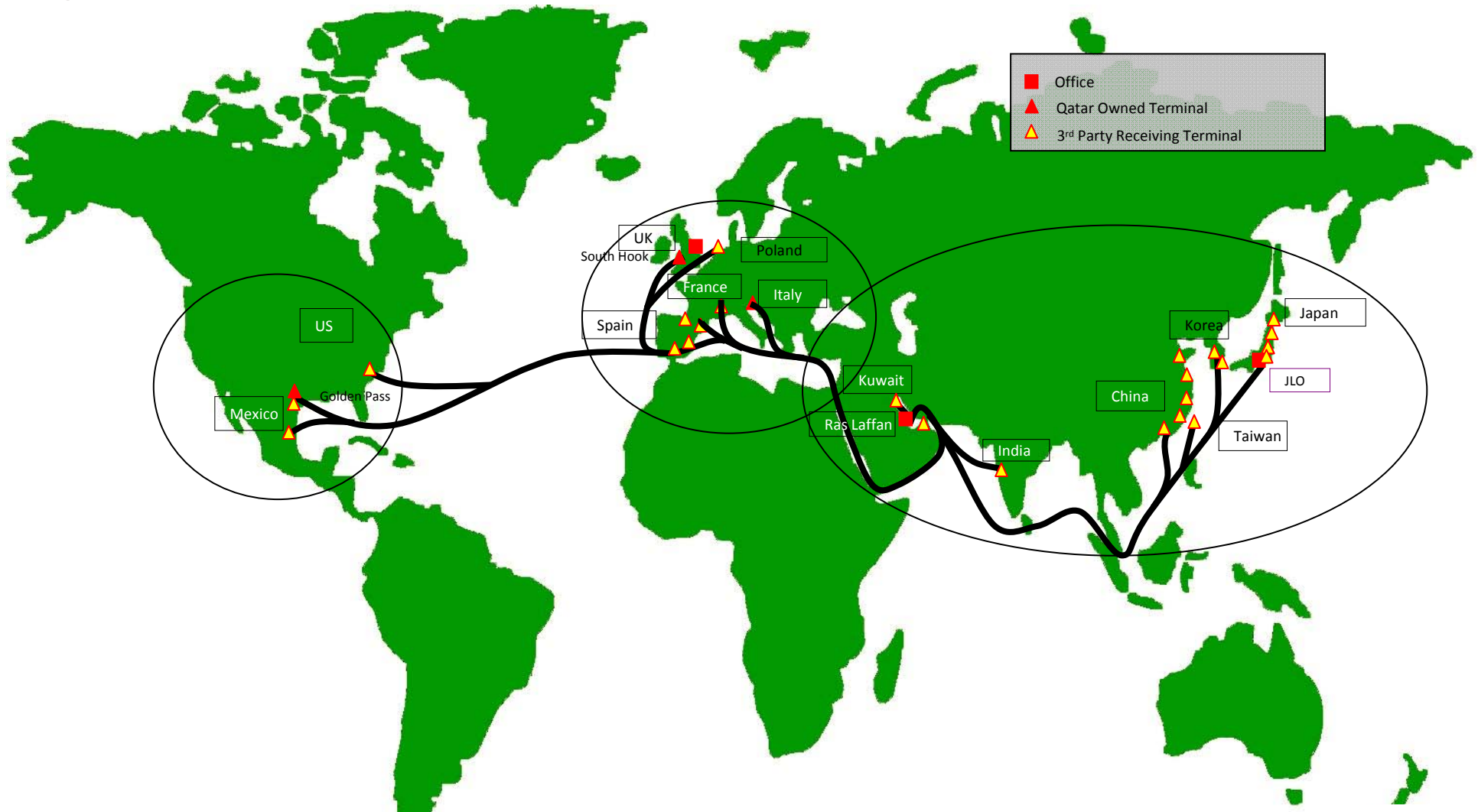
## Market Reach.

- Qatar has invested in Receiving Terminals.
- This investment has brought energy security to LNG consuming countries.

### Qatar's Terminal Capacity

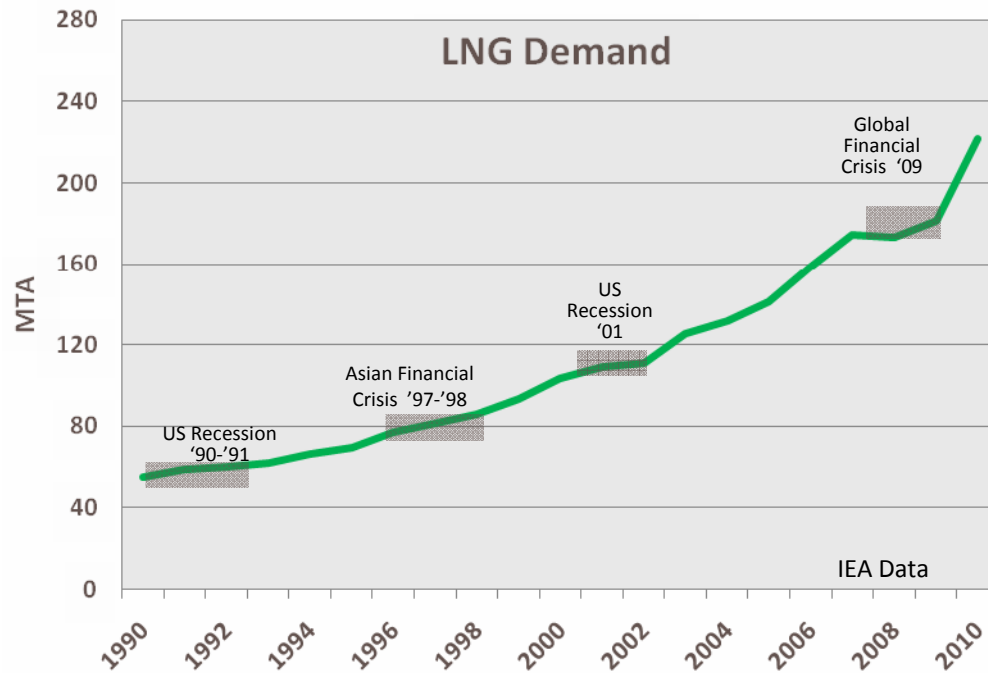
South Hook, UK	15.6
Golden Pass, USA	15.6
Adriatic LNG, Italy	5.9

# Qatar's Global LNG Network





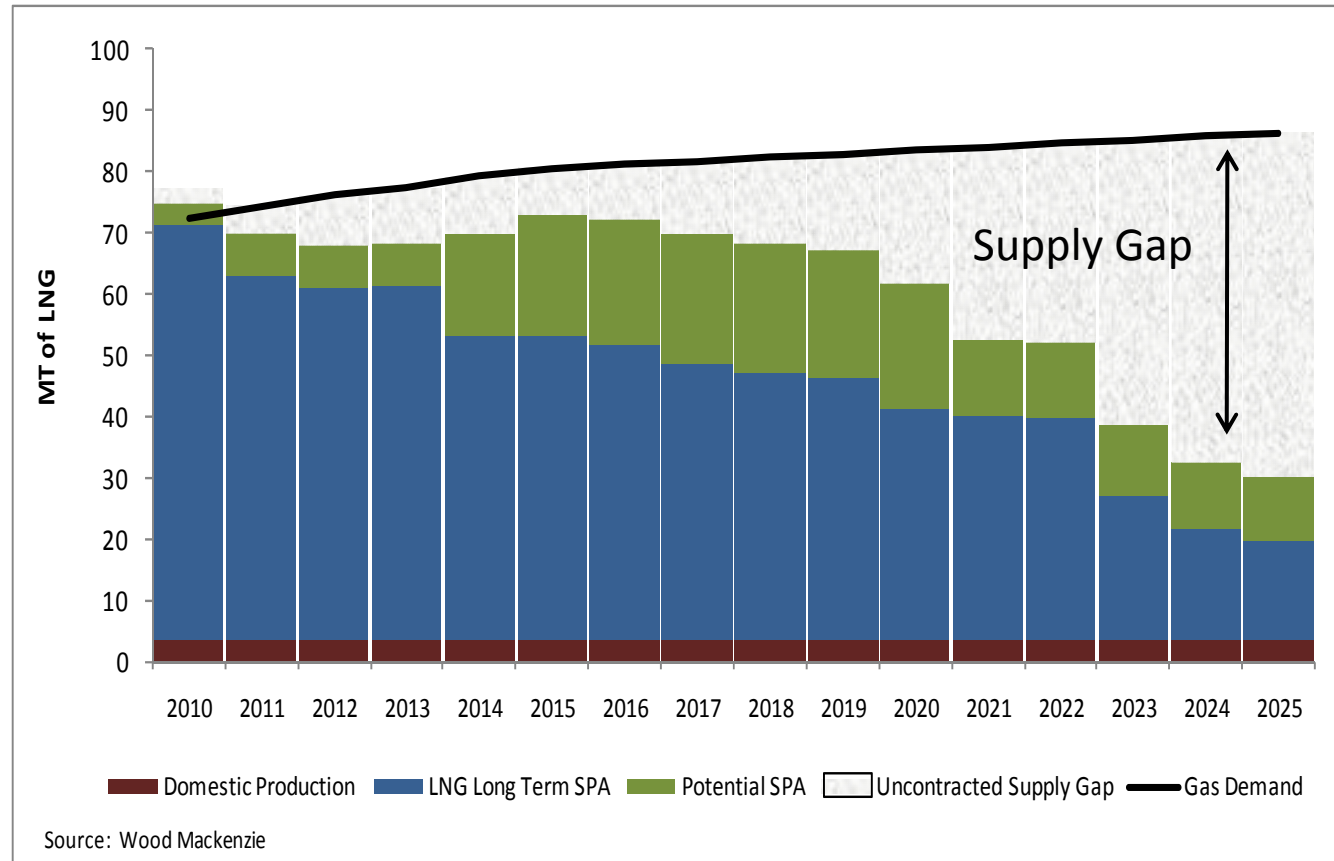
# Meeting the LNG Demand of the Future



- Qatar remains a strategic partner for Japanese firms.
- Qatar provides a lower carbon emissions energy alternative.
- Qatar supplies reliable LNG with unprecedented market reach and flexibility.



# Future Possibilities for Japan



- Japan faces an increasing gap between contracted supply and future demand.
- New LNG Projects after 2015 may not materialize.
- Global LNG Market may tighten after 2015.

Japan faces a long term security of supply risk.  
Japan risks increasing prices in a tighter supply market.

Thank You