

Transforming Energy: Invest, Innovate, Integrate

Session 2 “Innovate”

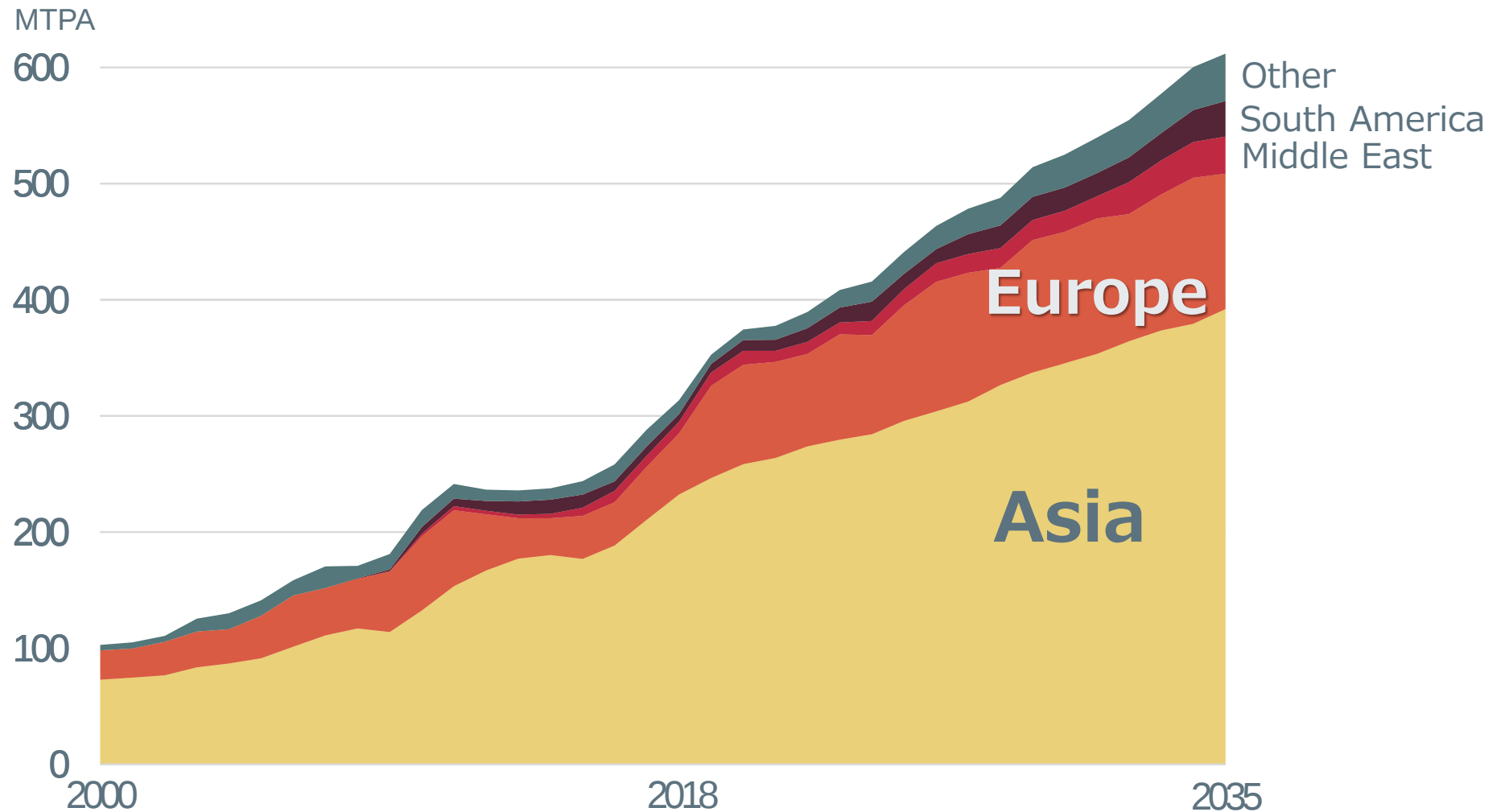
October 30, 2018

Yuji Kakimi

President, JERA Co., Inc.

LNG Demand Outlook

1





*Sodegaura Thermal Power Plant
& LNG Terminal*



*Kawagoe Thermal Power Plant
& LNG Terminal*



LNG Tank

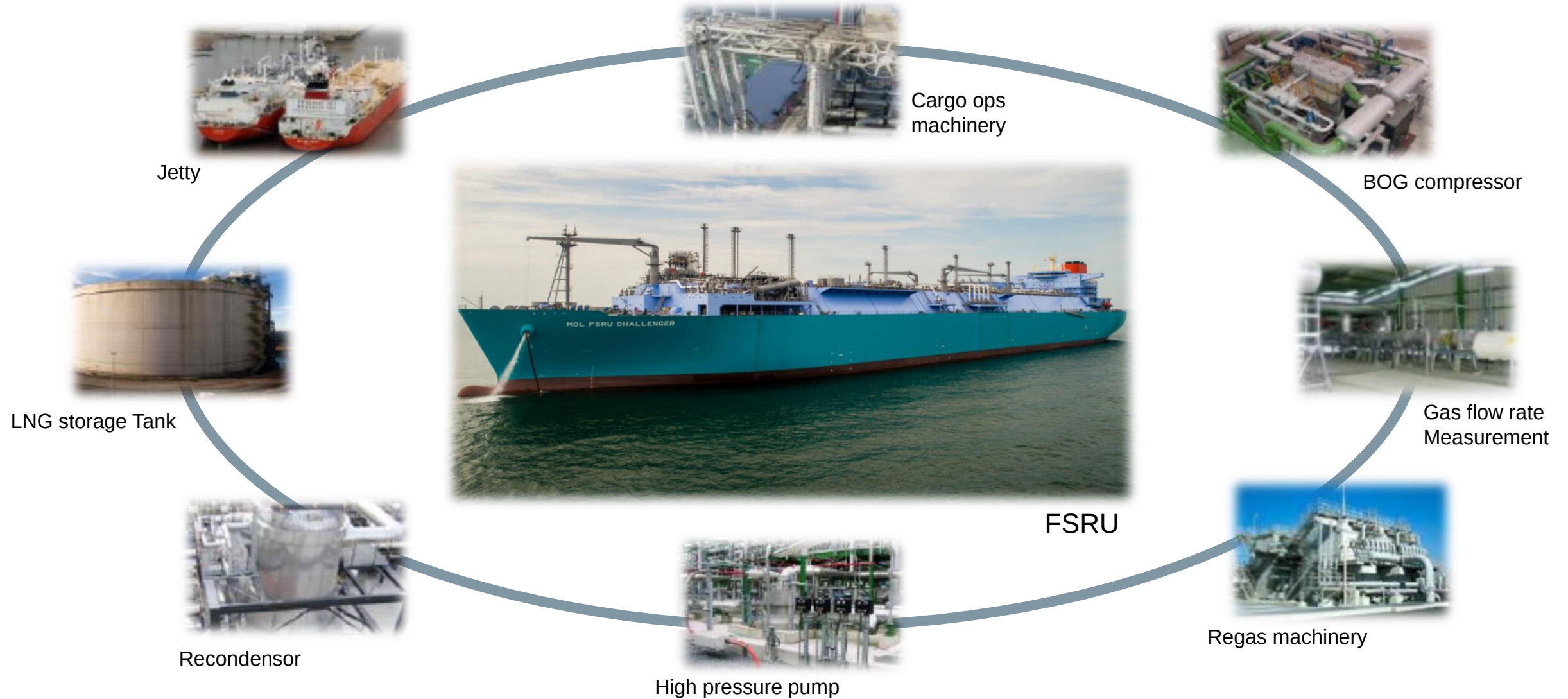


LNG Vaporizer

Source: Tokyo Electric Power Co., Inc (TEPCO) & Chubu Electric Power Co., Inc. (CEPCO)

Floating Storage & Regasification Unit (FSRU)

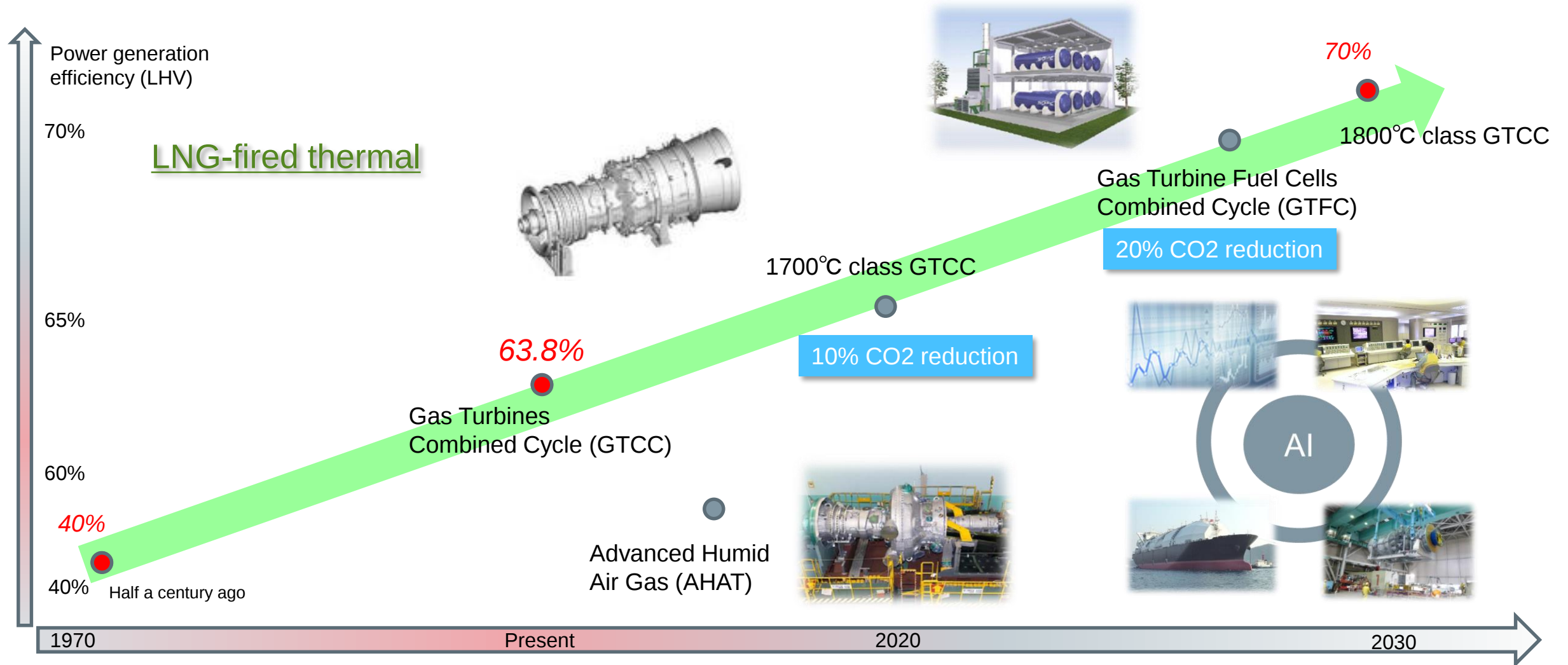
3



Source: Mitsui O.S.K. Lines, Ltd.

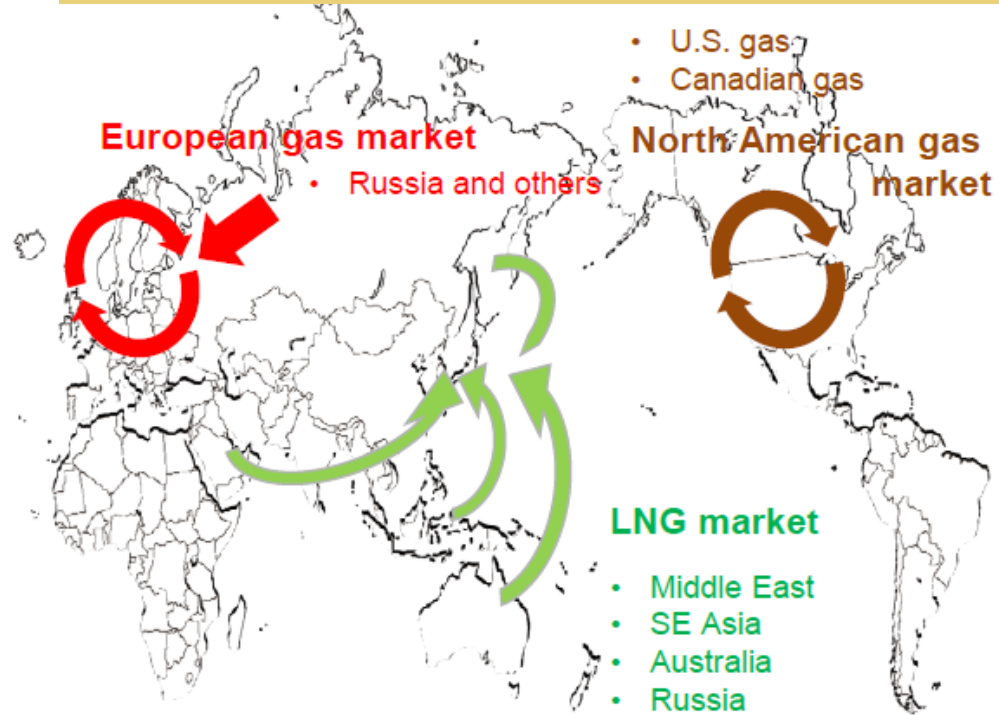
Improvement of Efficiency, IT, and AI

4

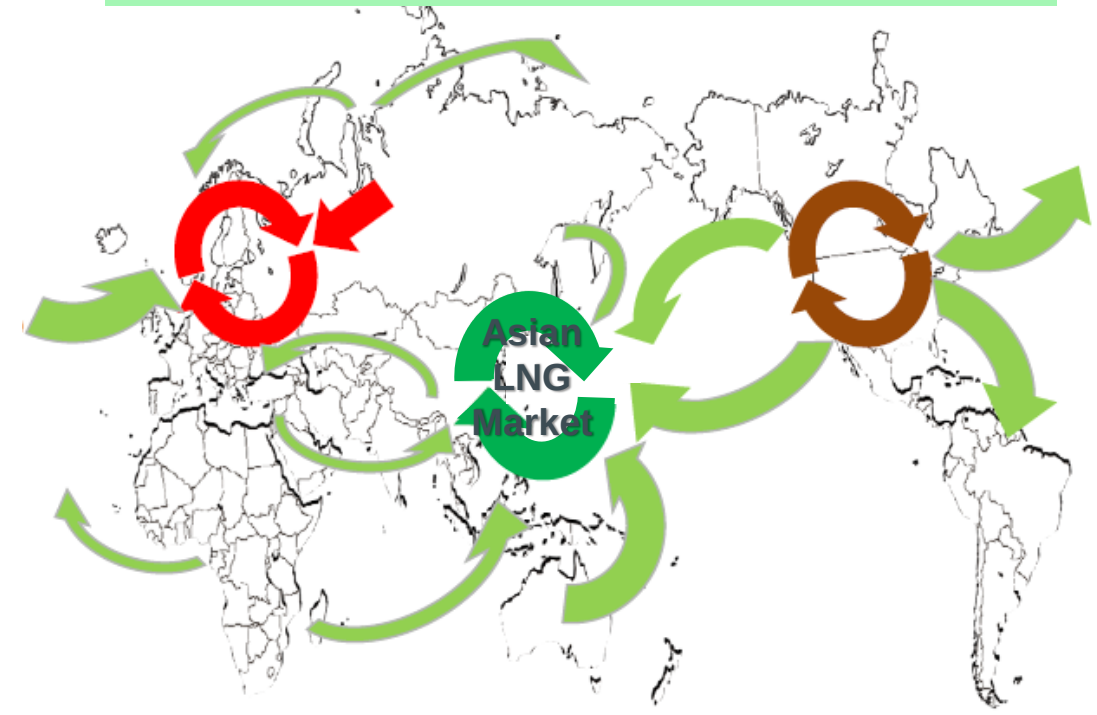


Source: METI documents etc.

Present



Future



“Segmentation to Integration”

Source: METI Strategy for LNG Market Development

Future View of Asian LNG Market

6

	Present	Future
Liquidity	Limited	Liquid, Active
Price Index	Oil-Price Link	Asian LNG Market Price
Contract Period	Mainly Long-term	Diversity (Long, Short & Spot)
Destination Clause	Mainly Restricted	No Restriction
Link to Other Gas Markets	No Link	Link to Gas Markets of Europe/US

JERA's Integrated Global Chain as of April 2019

Upstream
Fuel
Investment

5
Projects



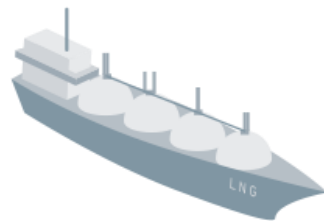
Fuel
Procurement

LNG
40
MTPA
Coal 60
MTPA



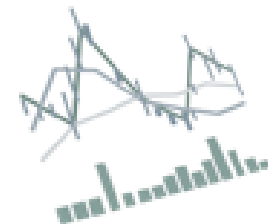
Transportation

LNG Fleet
16
Vessels



Trading

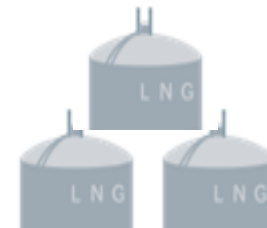
JERA
Trading's
LNG/Coal and
Freight
Businesses



LNG
Terminals

In Japan

8
Terminals



Power
Generation

Domestic Capacity

70 GW

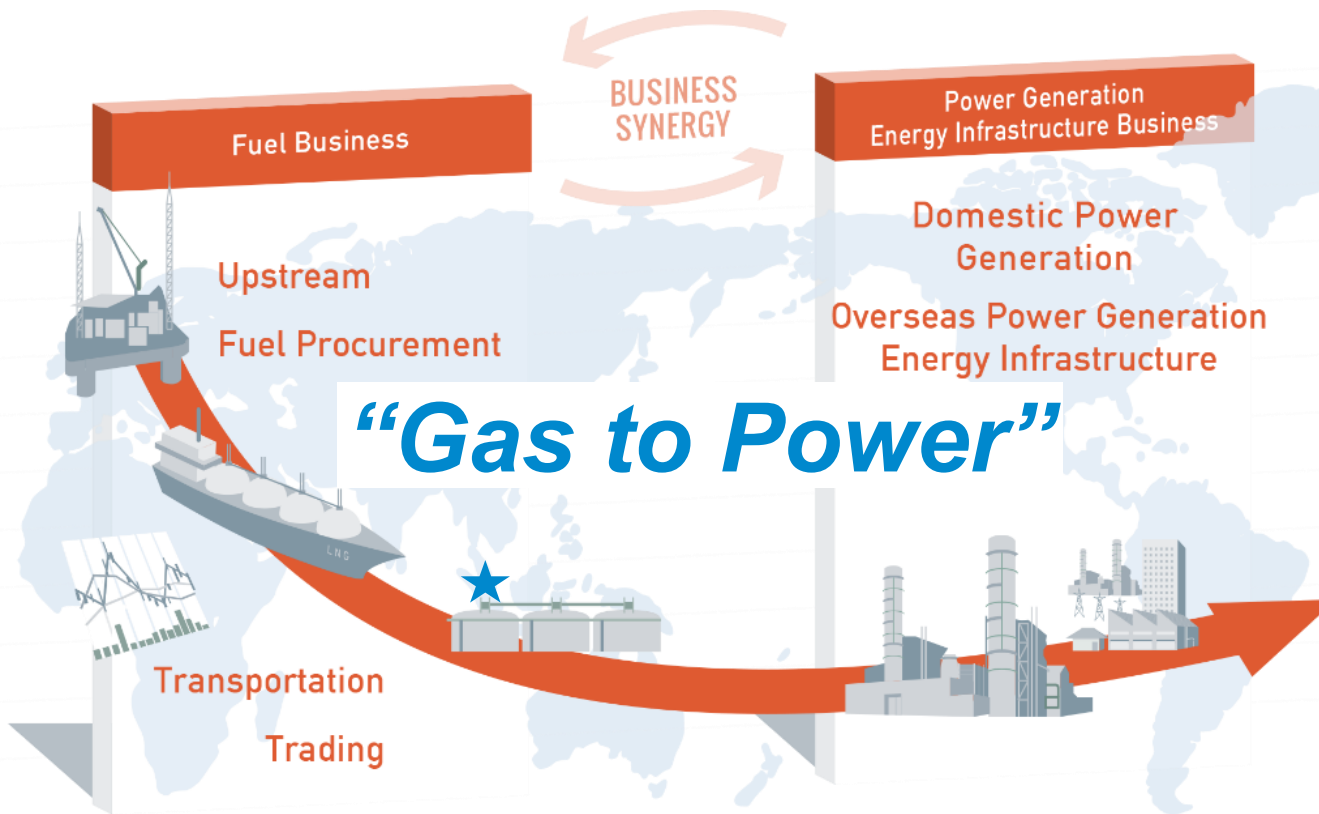
Overseas Capacity
(Equity Ownership)

8 GW



“JERA will open a new *ERA* of LNG.”

8



Contacts In Singapore

For Development of Gas to Power, etc.,

➔ JERA Energy Development Asia

For LNG Trading and Optimization,

➔ JERA Global Markets

<http://jeratrading.com/>

Thank you very much for your attention.

9

