

Transforming Energy: Invest, Innovate, Integrate

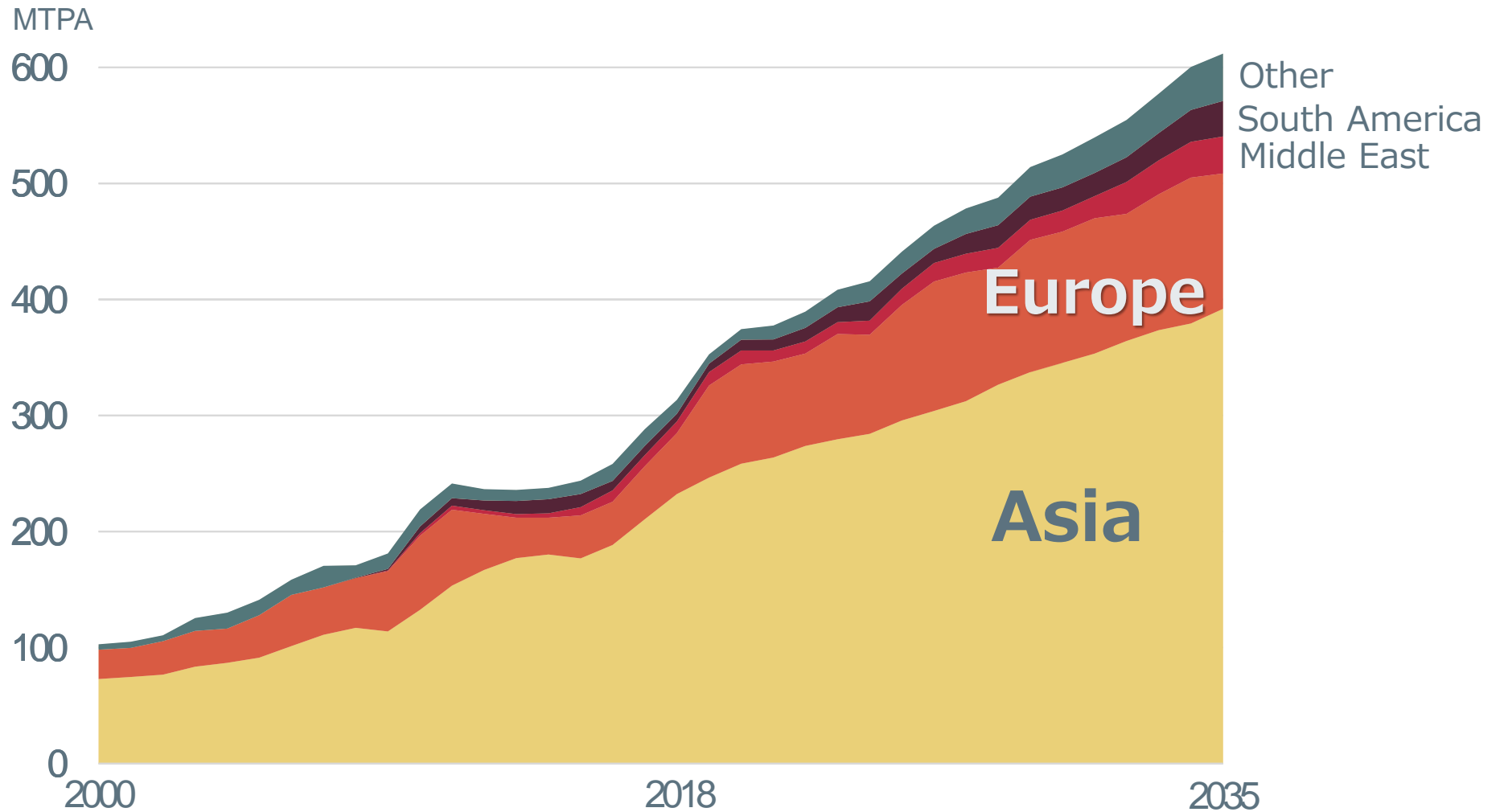
Session 2 “Innovate”

October 30, 2018

Yuji Kakimi

President, JERA Co., Inc.

LNG Demand Outlook





*Sodegaura Thermal Power Plant
& LNG Terminal*



*Kawagoe Thermal Power Plant
& LNG Terminal*



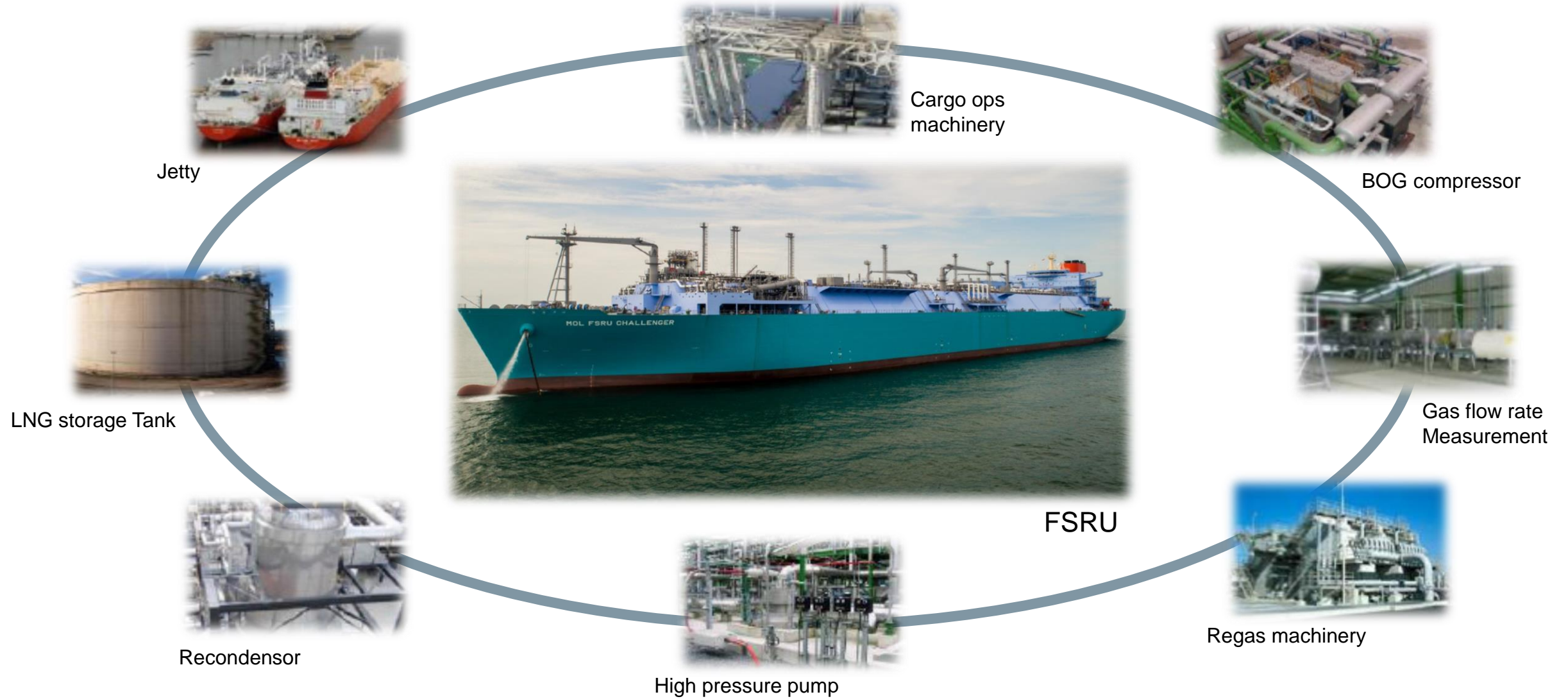
LNG Tank



LNG Vaporizer

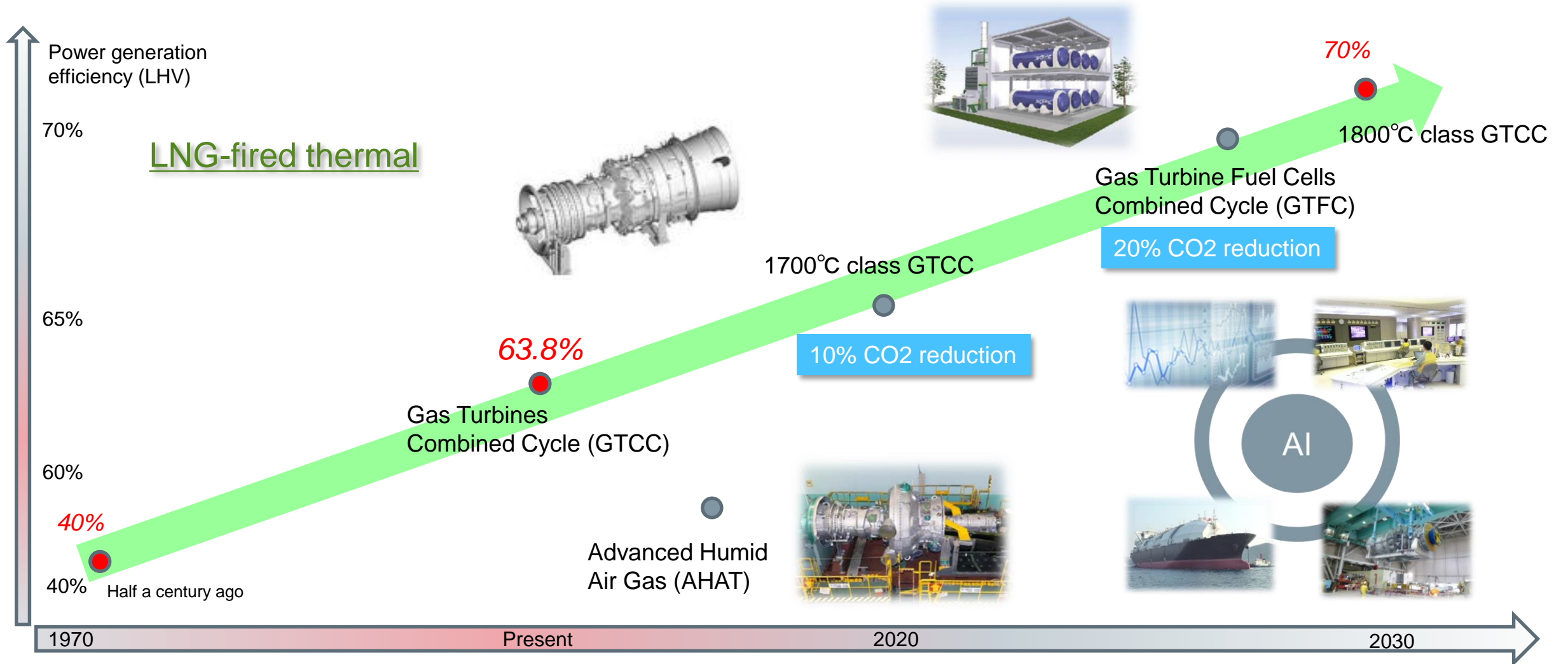
Source: Tokyo Electric Power Co., Inc (TEPCO) & Chubu Electric Power Co., Inc. (CEPCO)

Floating Storage & Regasification Unit (FSRU)



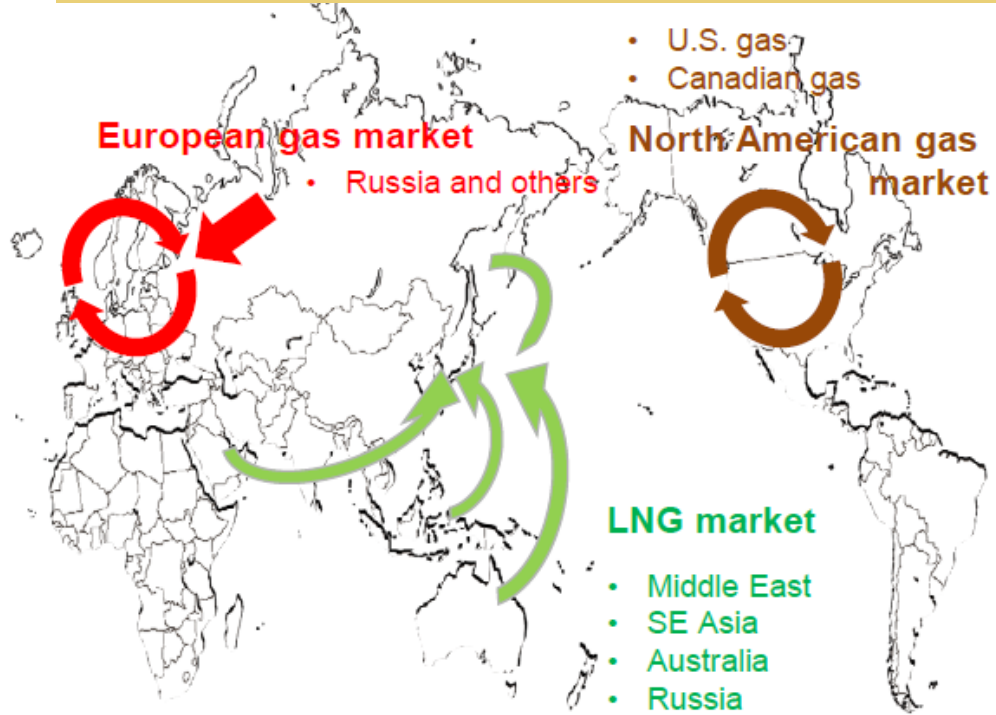
Source: Mitsui O.S.K. Lines, Ltd.

Improvement of Efficiency, IT, and AI

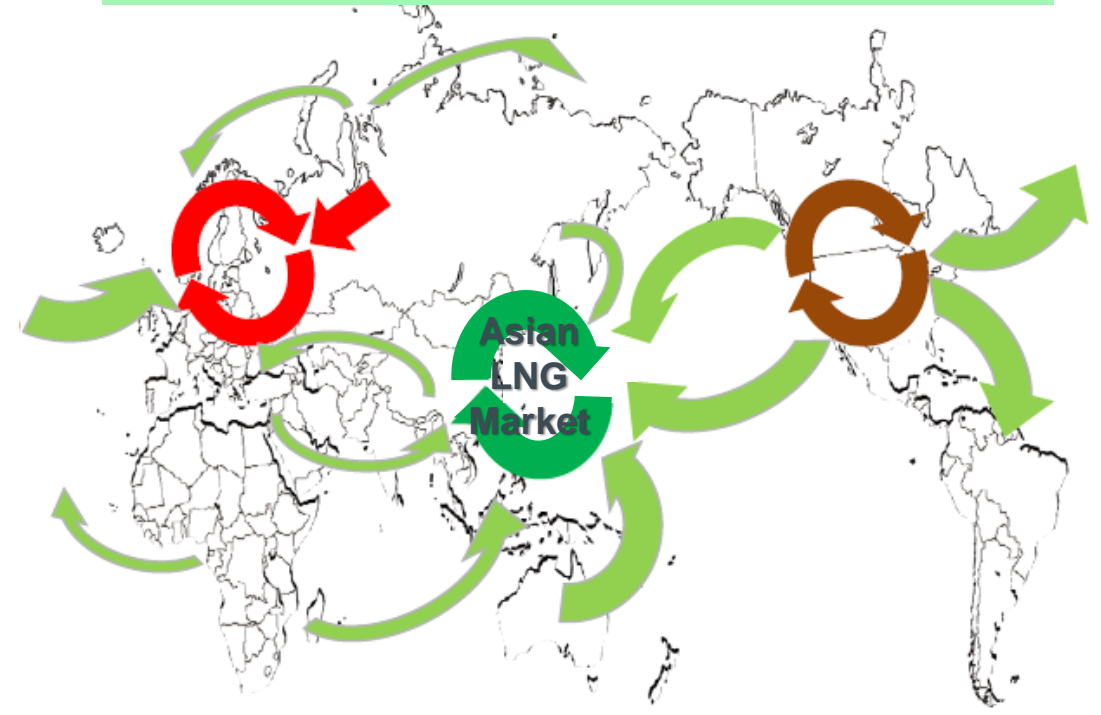


Source: METI documents etc.

Present



Future



“Segmentation to Integration”

Source: METI Strategy for LNG Market Development

	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

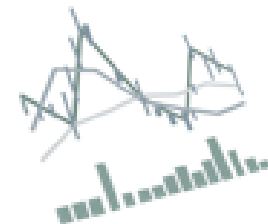
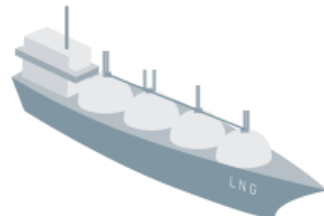
Power
Generation

Domestic Capacity

70 GW

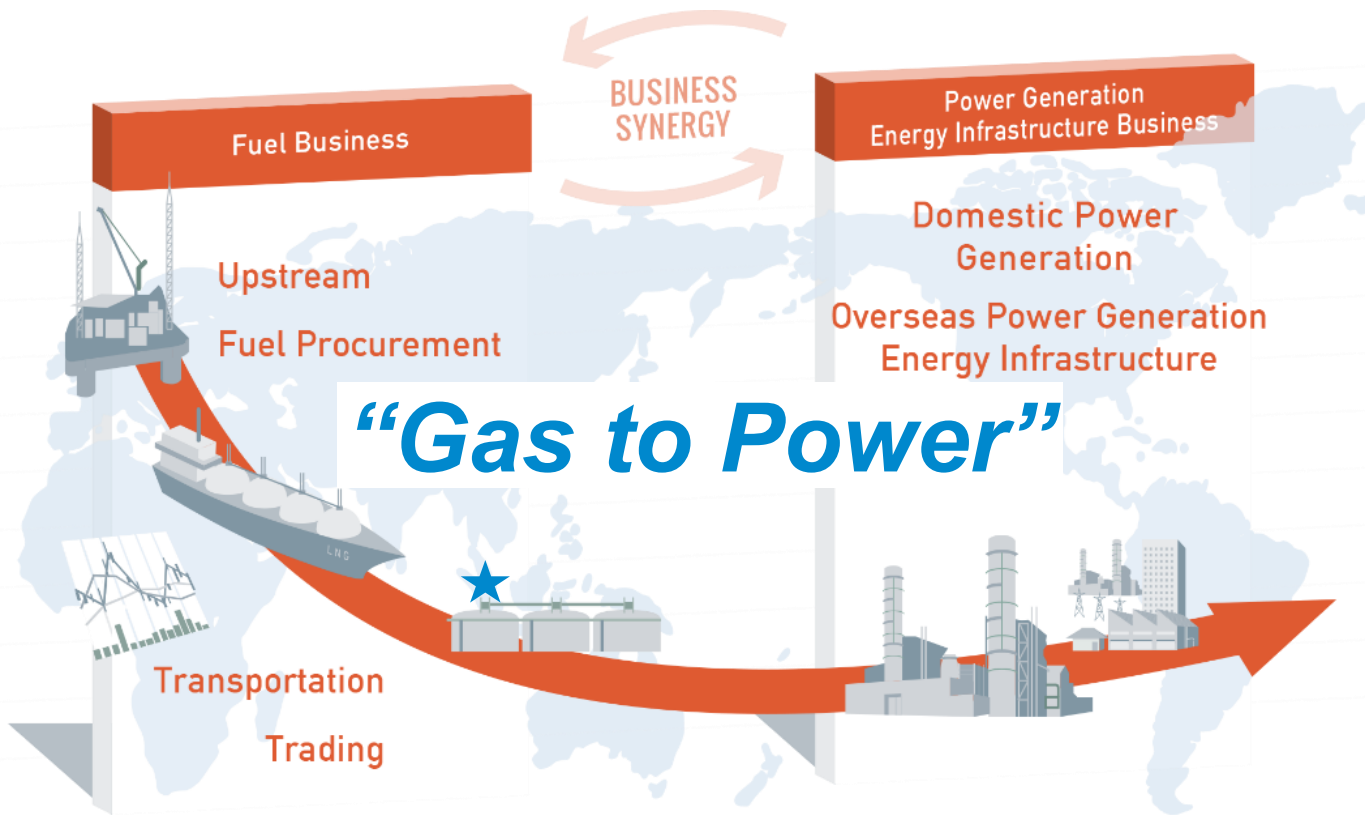
Overseas Capacity
(Equity Ownership)

8 GW



“JERA will open a new *ERA* of LNG.”

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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.

