Hydrogen Council

Production of CO₂-free H₂, transcontinental LH₂ transport, H₂-based power generation.

18th September, 2017 Kawasaki Heavy Industries, Ltd.

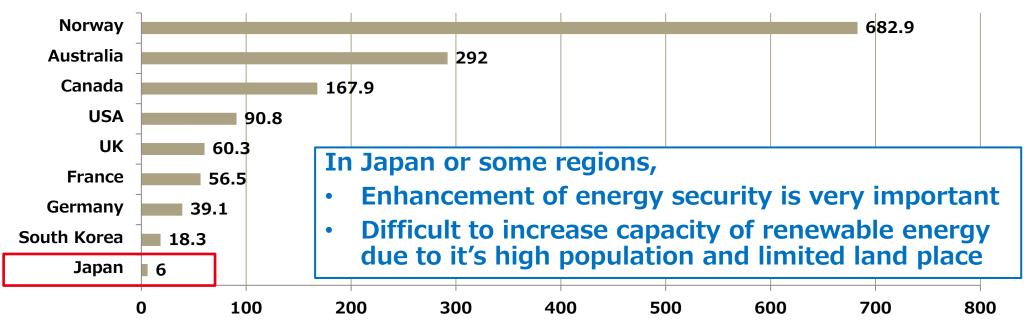






Why Hydrogen?

Primary energy self-sufficiency ratios (%)¹⁾



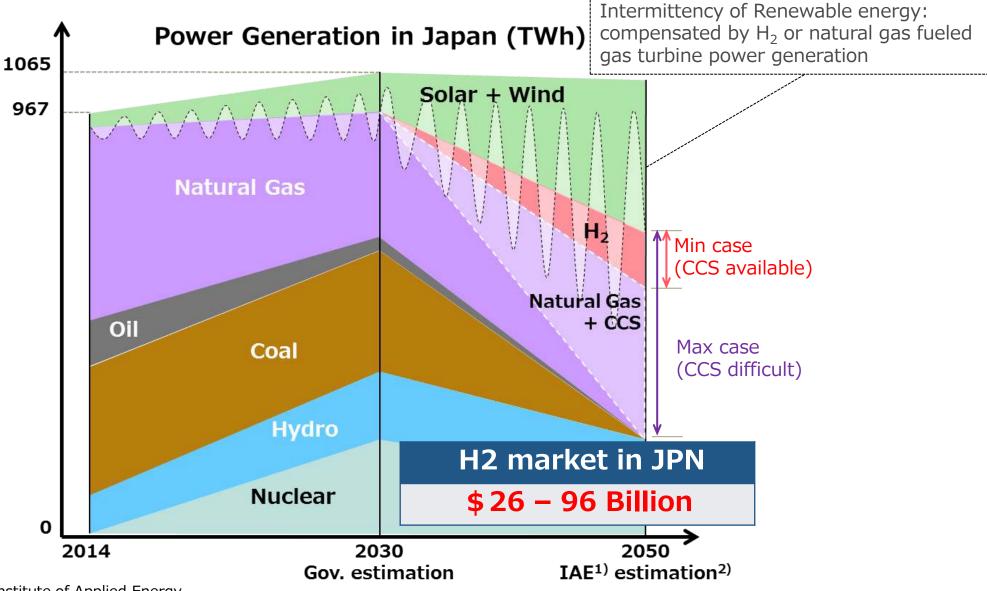
Hydrogen can

- enhance energy security by increasing options for energy resources.
- help introducing renewable energy by regulating its intermittency.
- achieve decarbonization of all sectors of energy consumptions.

H₂ will be a solution for sustainable energy & economy!

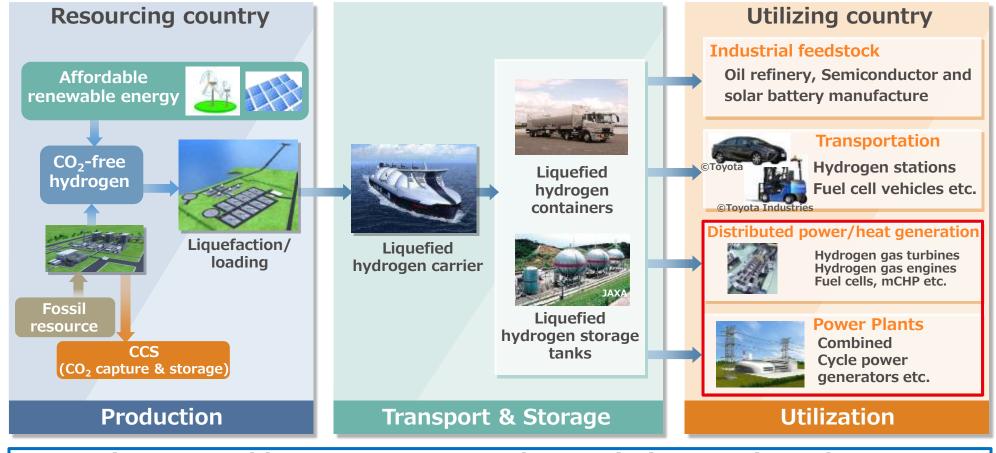
1) Including renewable energy

Hydrogen Market in Japan



- 1) Institute of Applied Energy
- 2) Ishimoto et al., International Journal of hydrogen energy,2017

International Hydrogen Supply Chain



Project started by HySTRA, Research association consists of Kawasaki, Iwatani, Shell, and J-Power *Members of Hydrogen Council

Equipment Investment

~2030

~2050

KHI estimation

\$7Billion

\$123 - 251 Billion

Thank you for listening

Kawasaki, working as one for the good of the planet

"Global Kawasaki"

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