



The Role of JOGMEC in the Oil & Gas Business

2nd November, 2012

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JOGMEC

Japan Oil, Gas and Metals National Corporation

Japan Oil, Gas and Metals National Corporation

JOGMEC's Activities



1

Japan Oil, Gas and Metals National Corporation (JOGMEC)

Established: February 29, 2004 [succeeded the functions of Japan National Oil Corporation(JNOC)]

President: Hirobumi Kawano

Capital: 436 Billion Yen (As of July, 2012) = around 5.45Billion US\$ (80US\$/Yen)

Mission

Securing Stable Supply of Oil, Natural Gas and Mineral Resources for Japanese Industries and Citizens

Activities

**Oil & Gas Upstream
Investment and
Research & Development**



**Metals Strategy &
Exploration, and
Technology
Development**



Stockpiling



**Mine Pollution
Control**



**Coal Strategy &
Exploration,
and
Technology
Development**



**Geothermal
Resources
Development
(limited in Japan)**

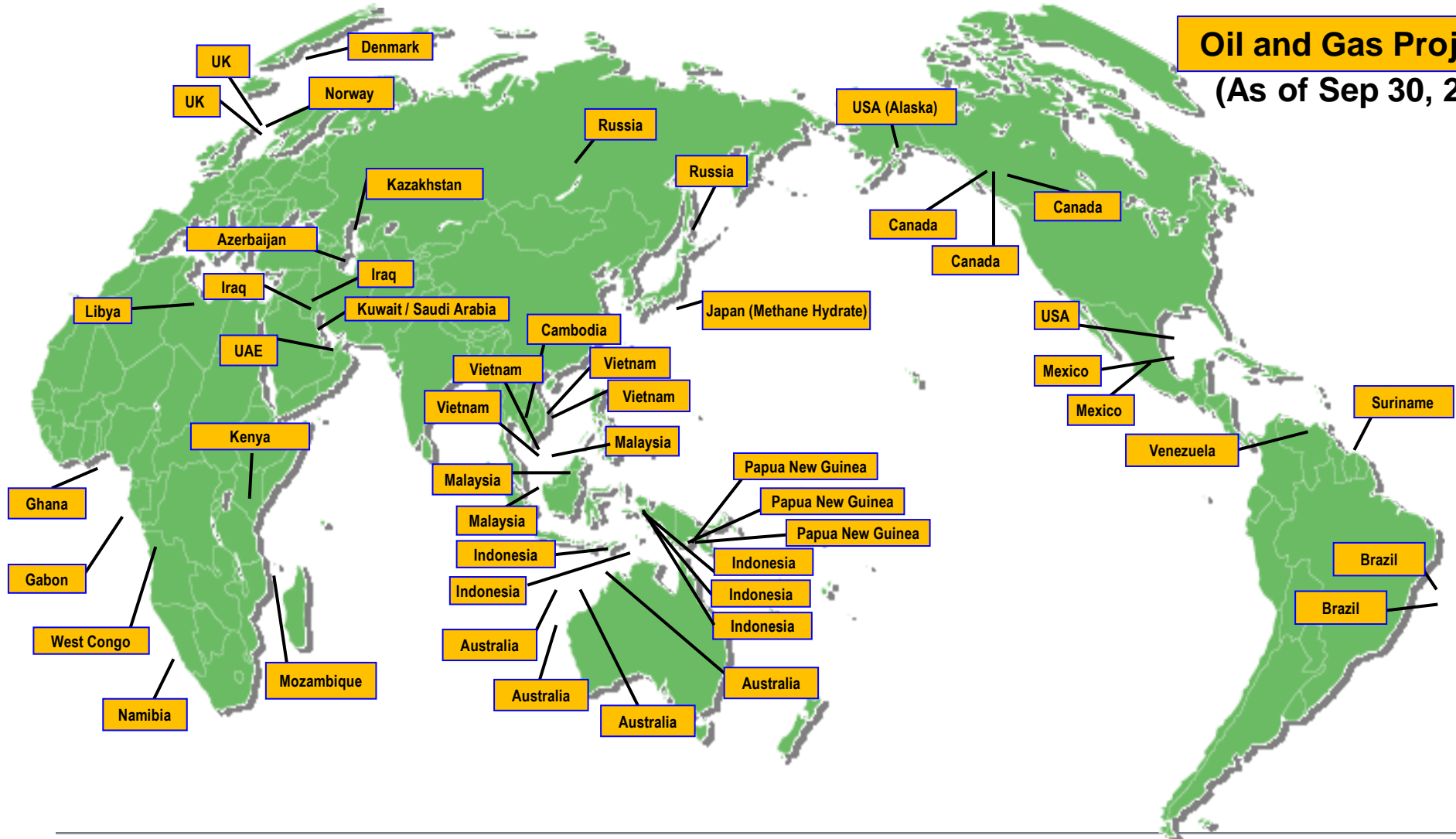


JOGMEC's E&P Projects

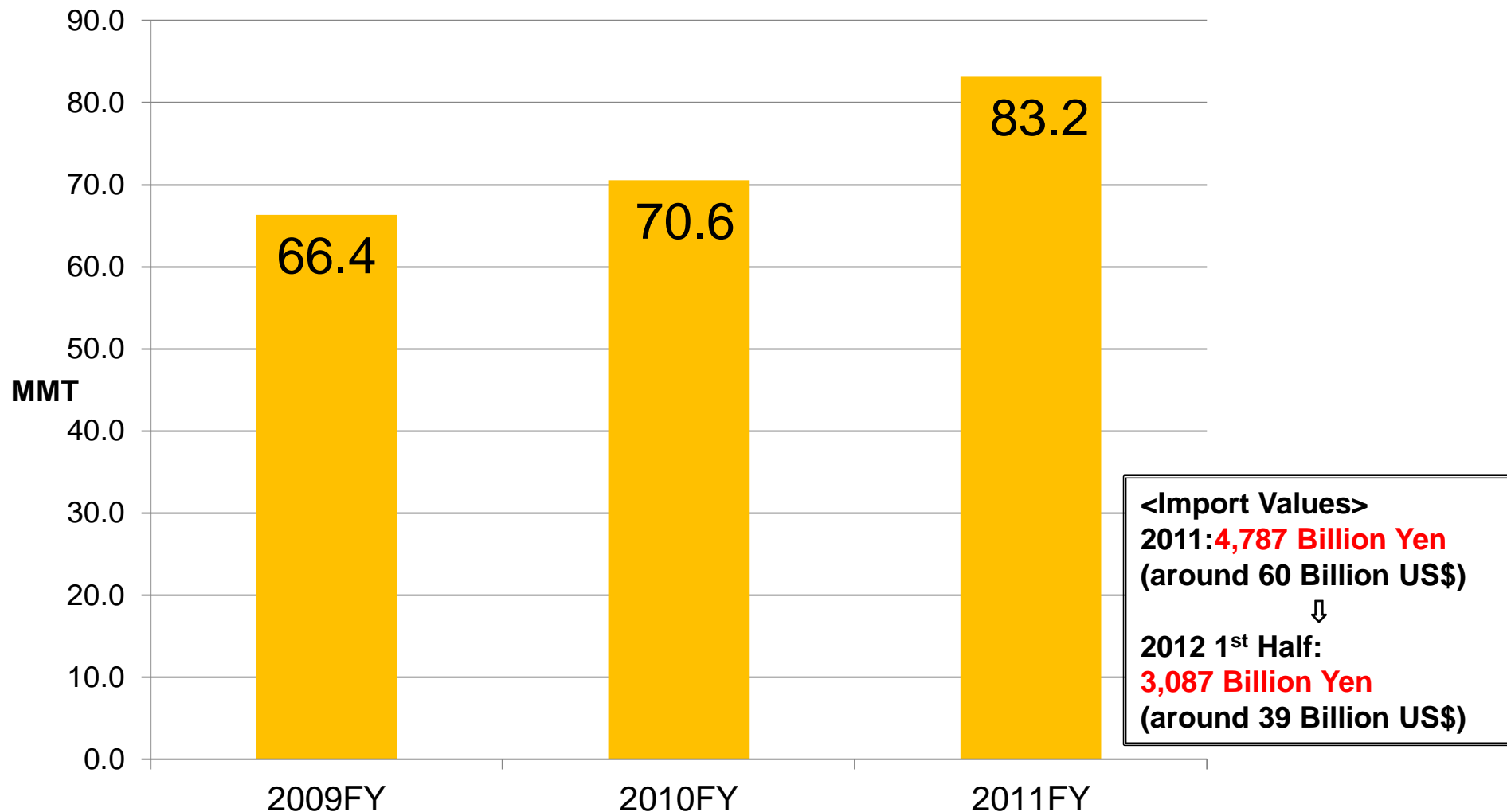


2

Oil and Gas Projects
(As of Sep 30, 2012)



Japan's LNG Imports



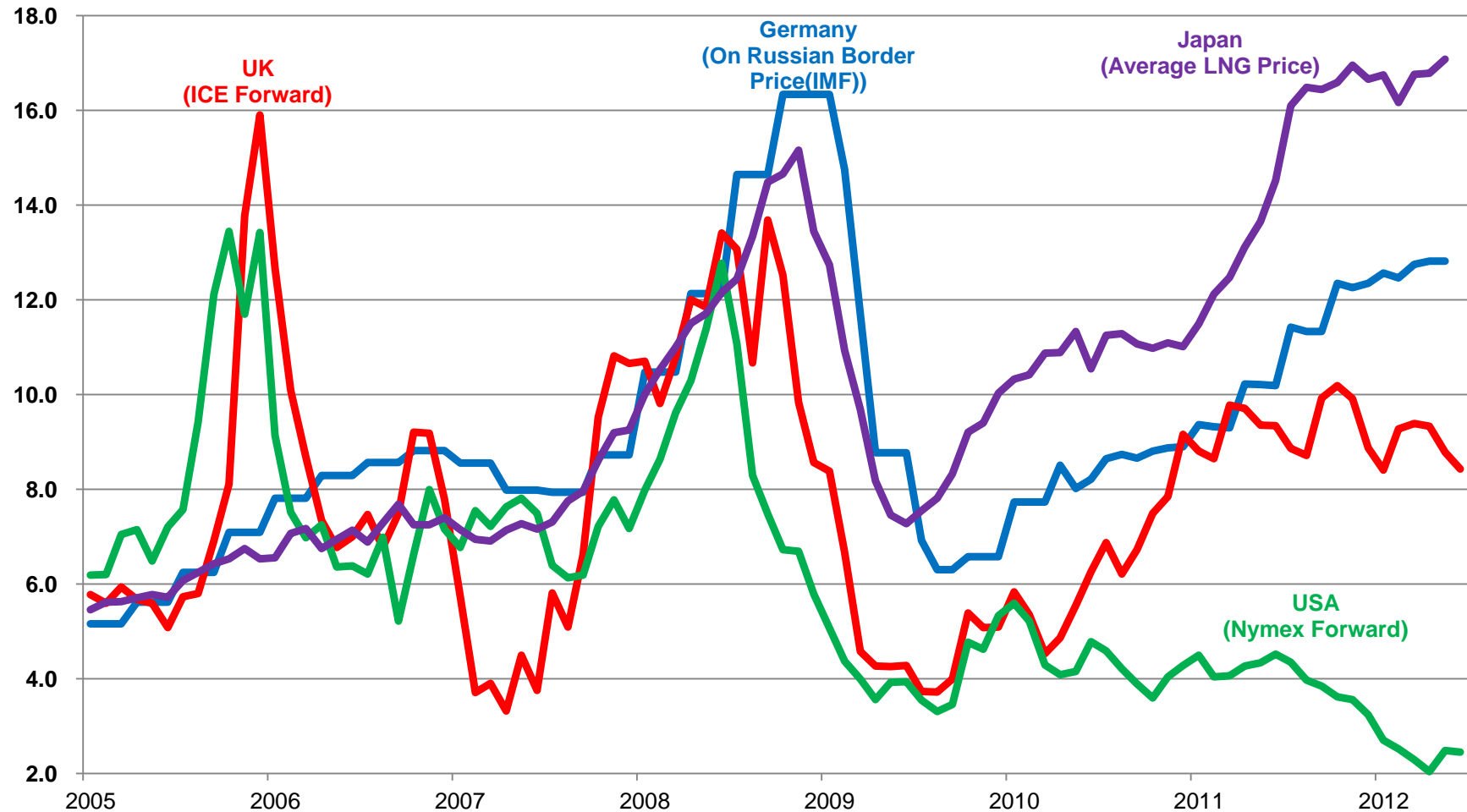
<Import Values>
2011: **4,787 Billion Yen**
(around 60 Billion US\$)
↓
2012 1st Half:
3,087 Billion Yen
(around 39 Billion US\$)

Source: Ministry of Finance, Japan

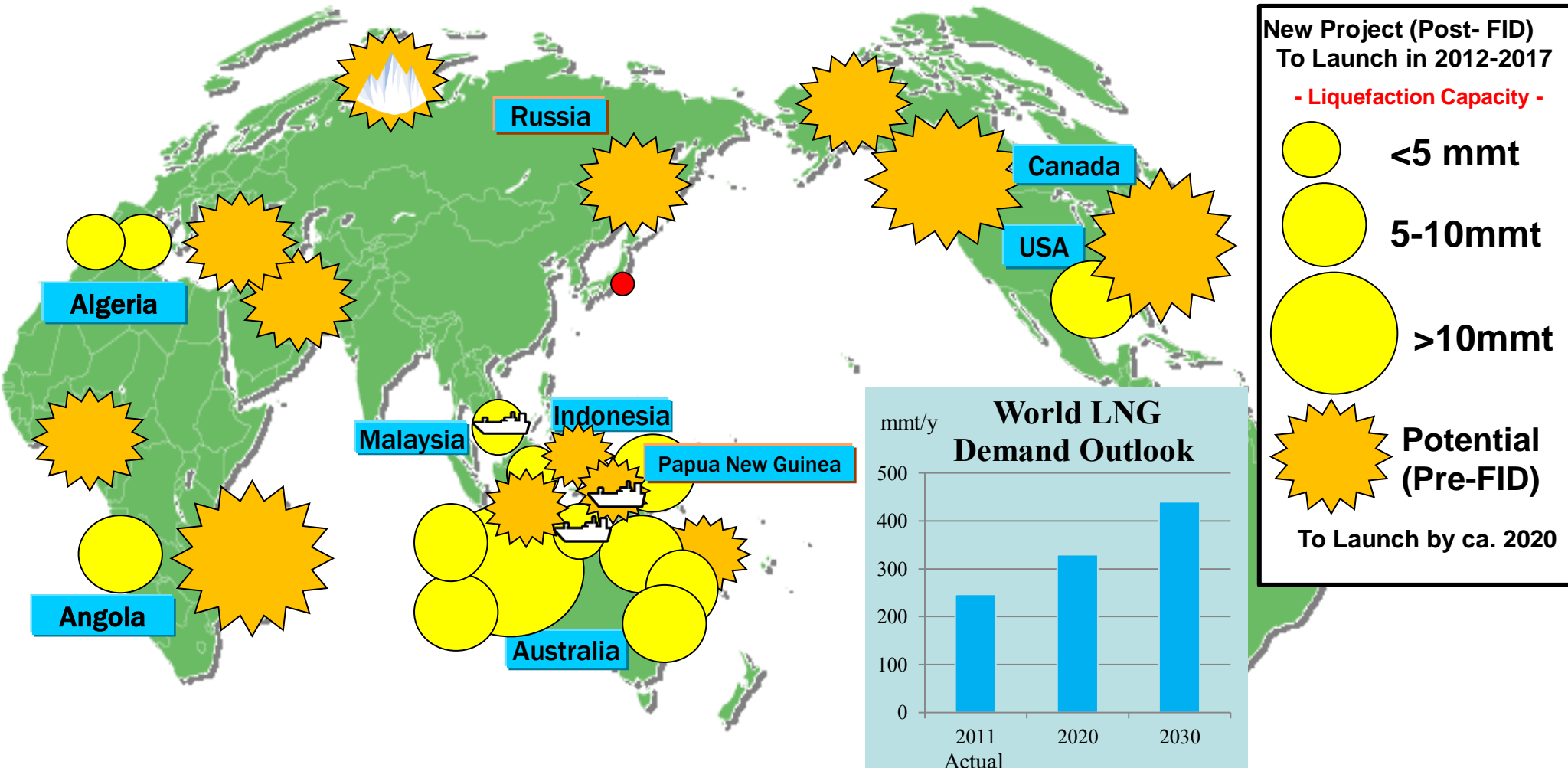
Natural Gas Price Gap

US\$/mmbtu

Natural Gas Price Trend



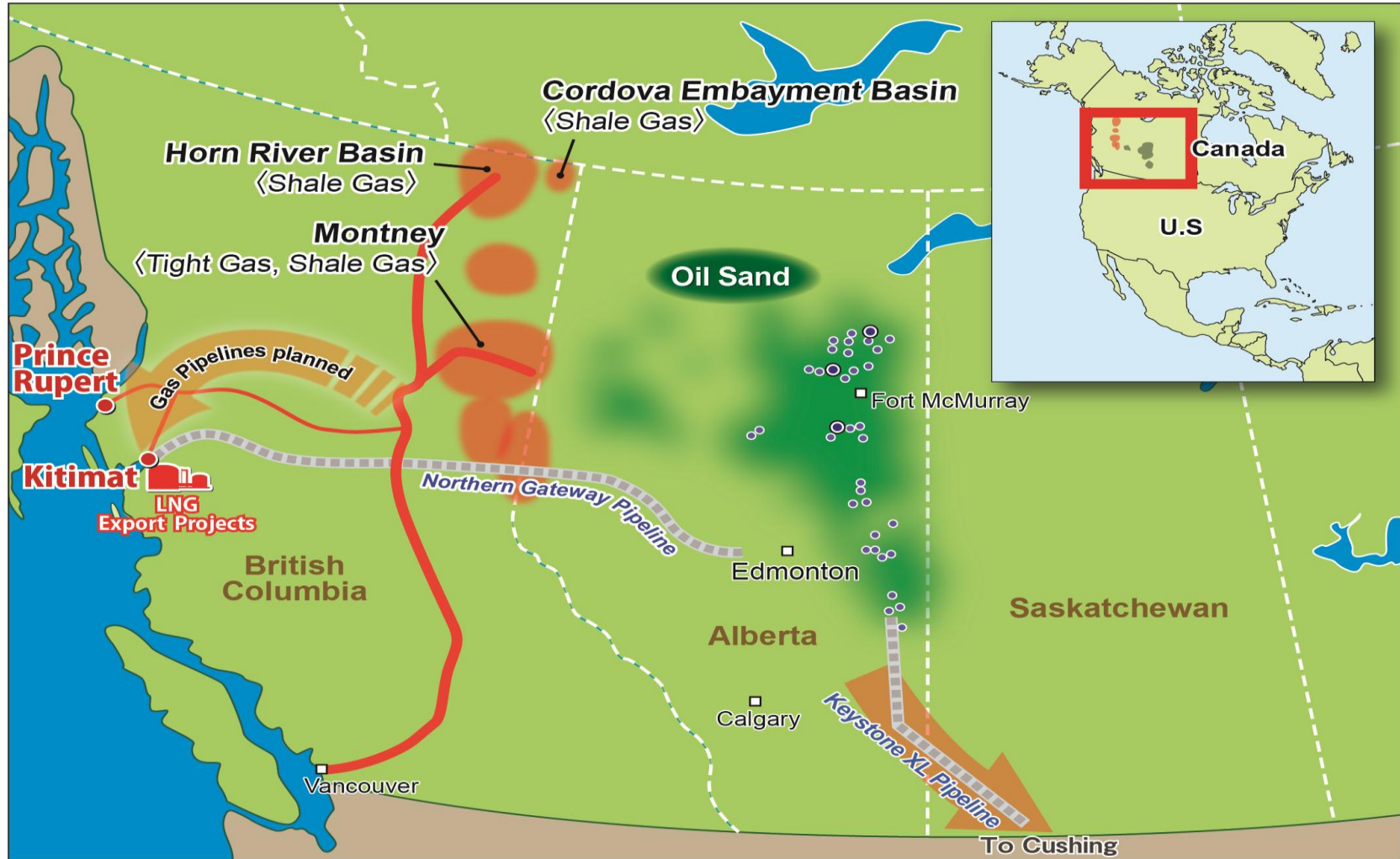
To Meet Growing LNG Demand



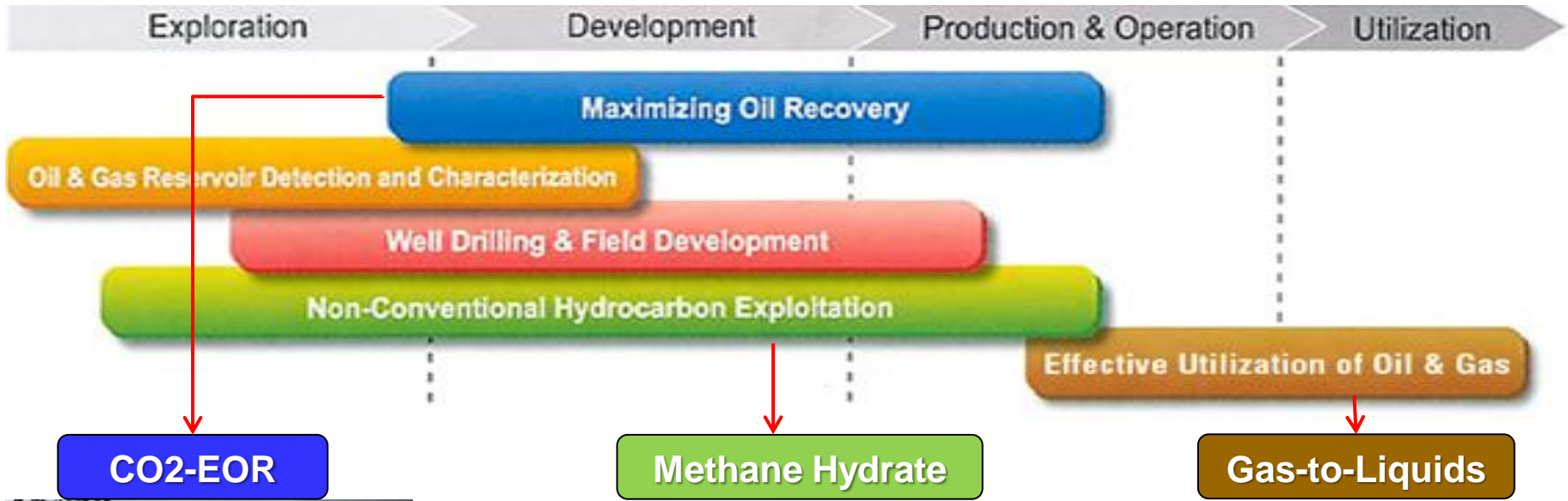
LNG Projects in West Canada



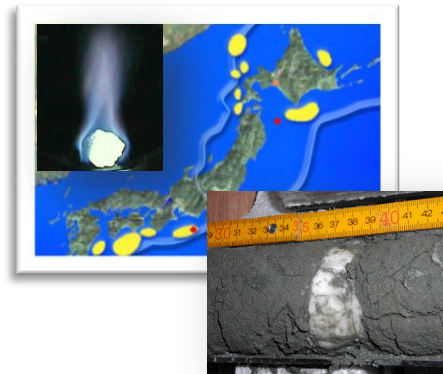
6



JOGMEC's R&D



Pilot Test with PetroVietnam etc



Production Test in Offshore Japan etc



“Japan GTL” Demonstration Plant in Niigata, Japan

Japan GTL

The **JAPAN-GTL Process** is the world first, cutting-edge technology that directly uses natural gas containing CO₂ as feedstock > High Energy Efficiency, Direct Utilization of CO₂



GTL Demonstration Plant
(2006-2011, 500bb/d)



GTL Bus operated in Japan National Corporation

