

THE SECOND IEA-IEF-OPEC SYMPOSIUM ON GAS AND COAL MARKET OUTLOOKS

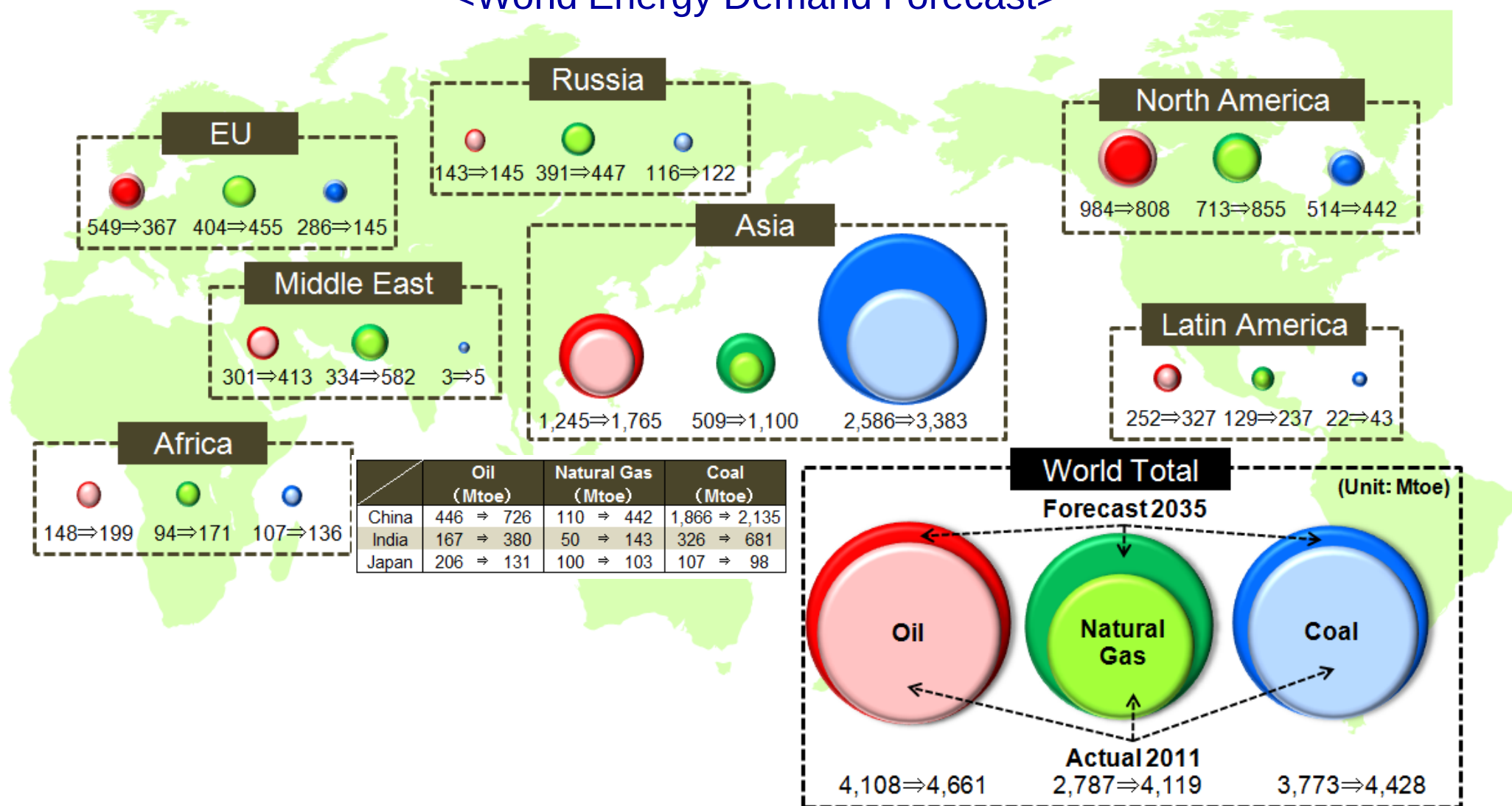
Natural Gas developments and trends in Asia

Thursday, 30 October 2014

Bob Takai
Executive Officer, Sumitomo Corporation
President & CEO,
Sumitomo Corporation Global Research Co. Ltd.

Energy demand in Asia will grow with Coal and Natural Gas

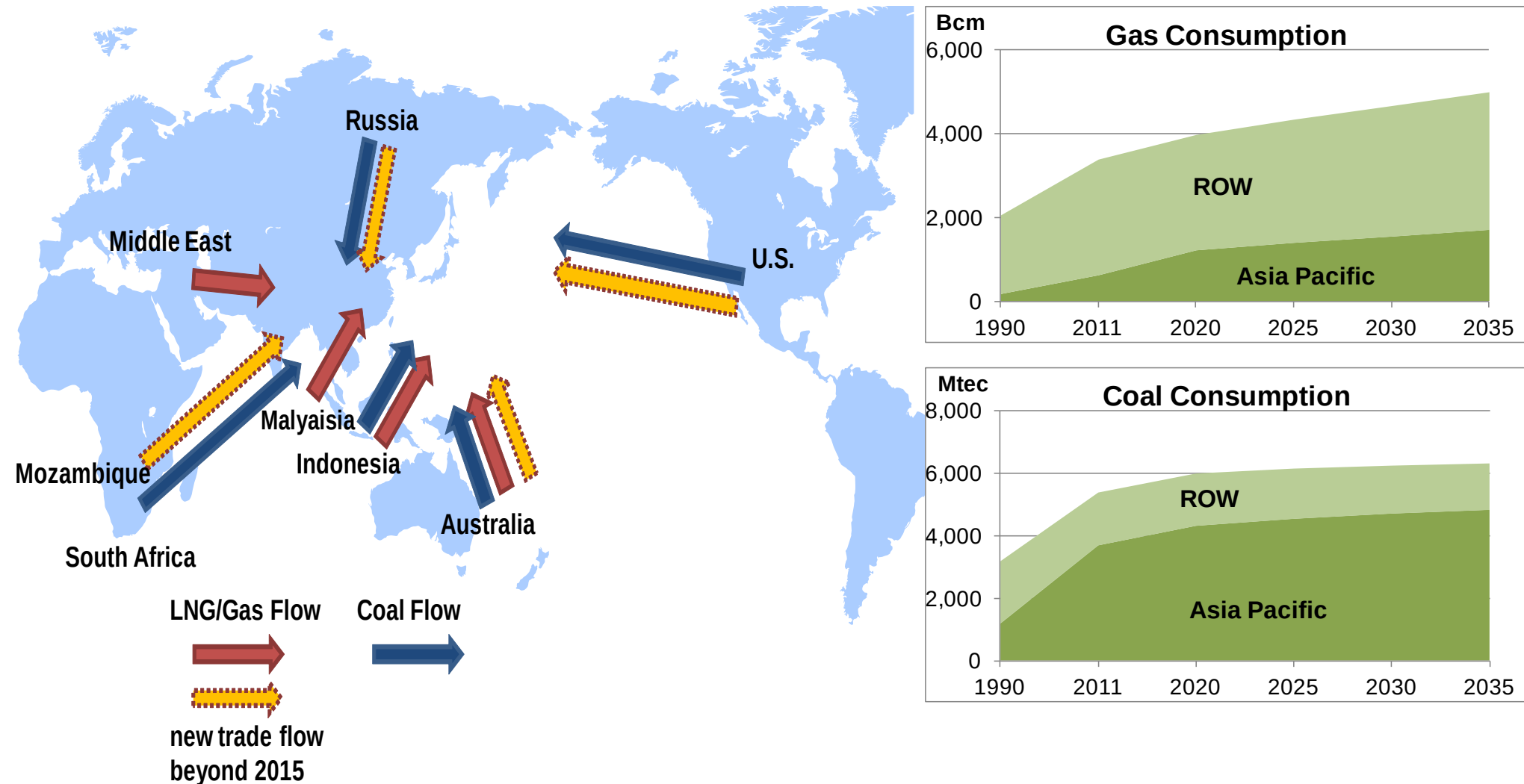
<World Energy Demand Forecast>



(Source: SCGR, based on IEA "World Energy Outlook 2013")

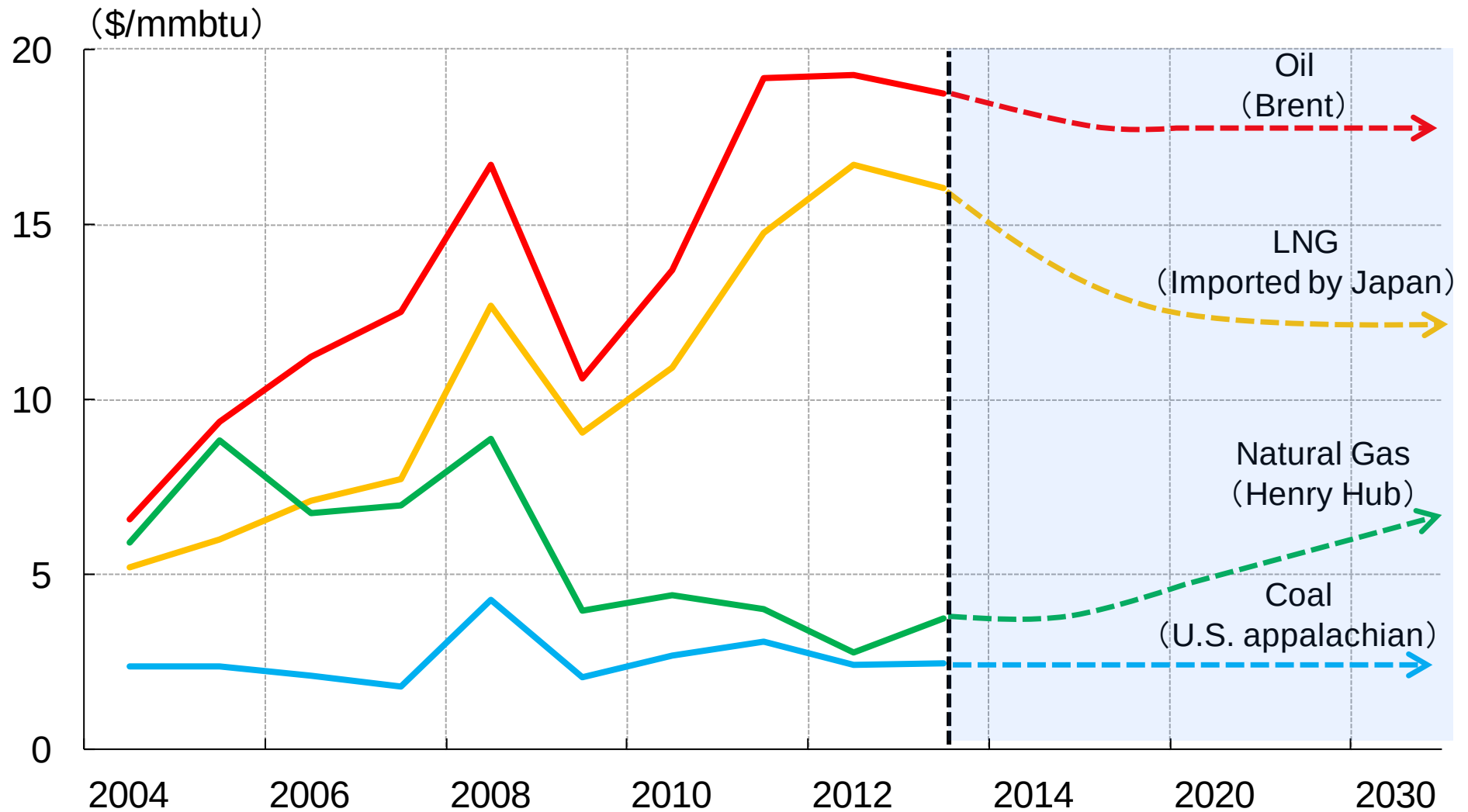
Coal vs. Natural Gas Battle in Asia

<LNG/Natural Gas & Coal – Expected Flow into Asia>



(Source: SCGR, based on IEA "World Energy Outlook 2013")

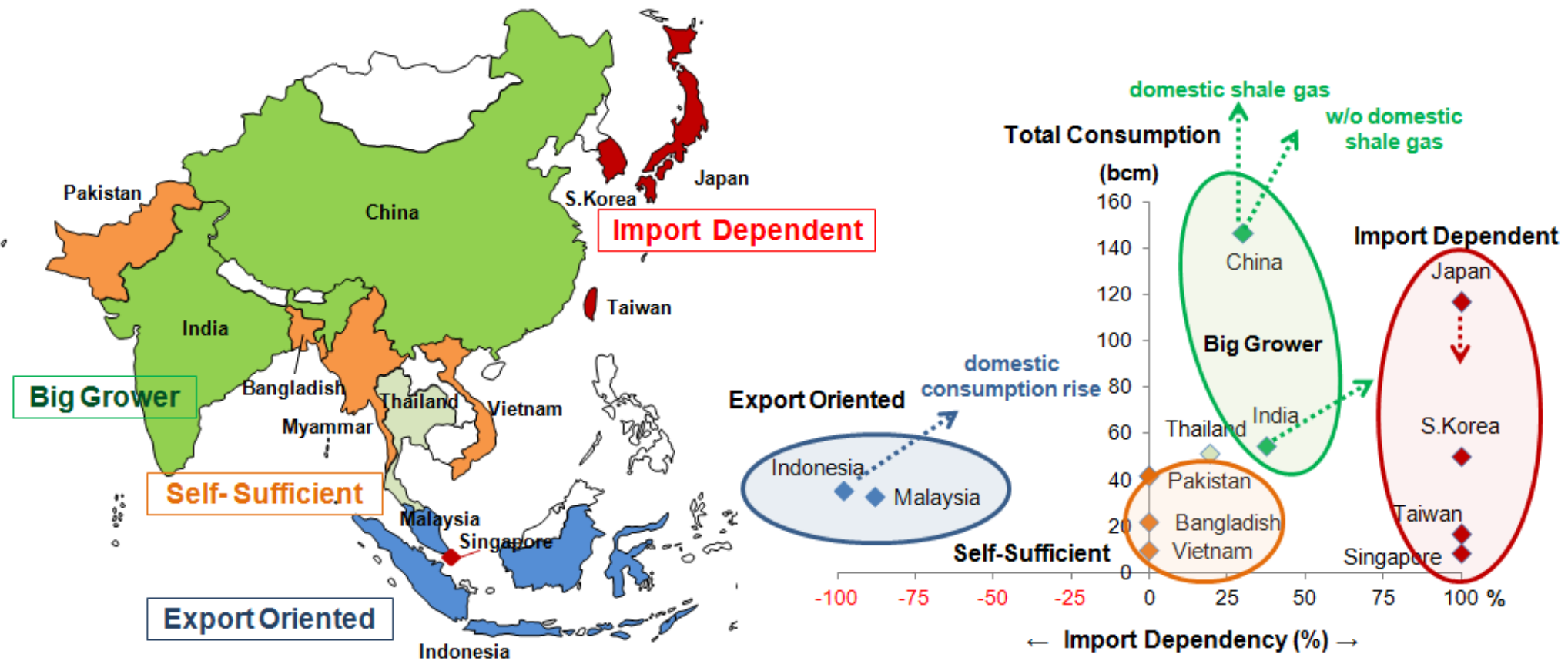
Price comparison among Hydrocarbons



(Source: SCGR, based on IEA "World Energy Outlook 2013")

Natural Gas Demand in Asia: Key Countries (Japan, Korea, Taiwan + China & India)

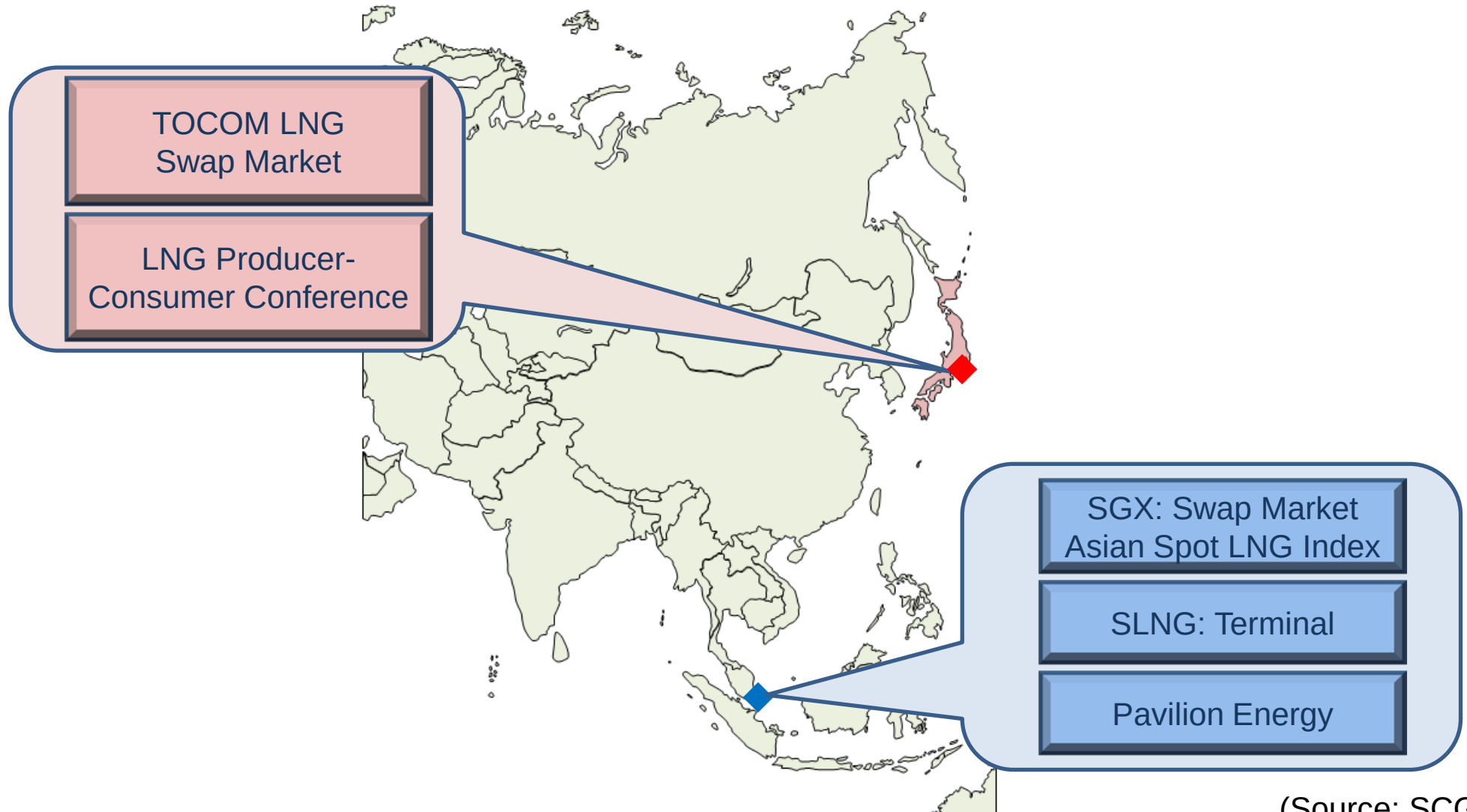
<Asian countries' positions (Natural gas Self Sufficient and Import Dependency)>



(Source: SCGR, based on “BP Statistical Review 2014”)

Initiatives to create Asian LNG Trading Market

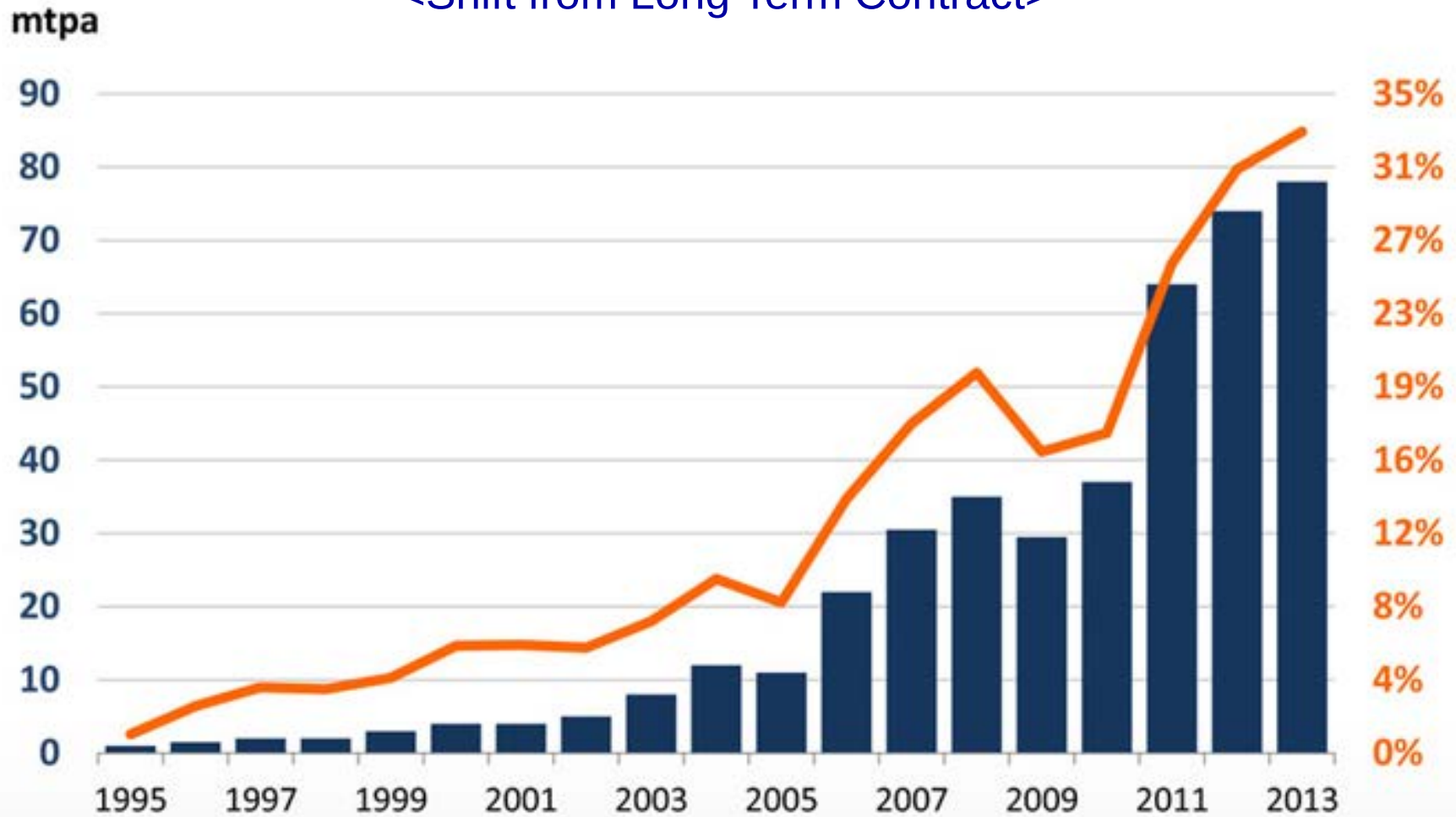
<Japanese & Singaporean Challenges>



(Source: SCGR)

Growing Spot LNG Market

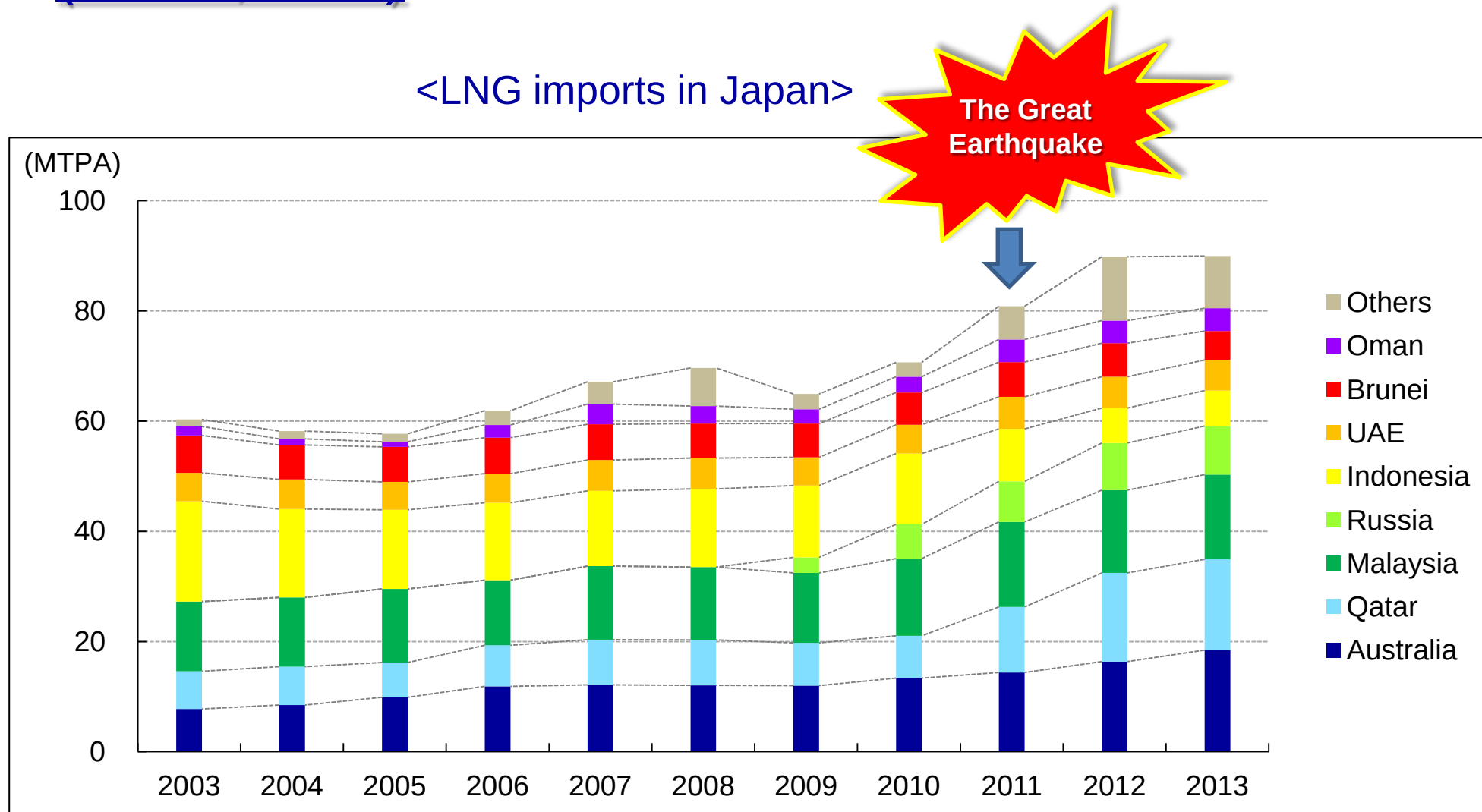
<Shift from Long Term Contract>



(Source: Cheniere's presentation materials for analysts on April 2014)

Japanese LNG imports surged after the Earthquake (March, 2011)

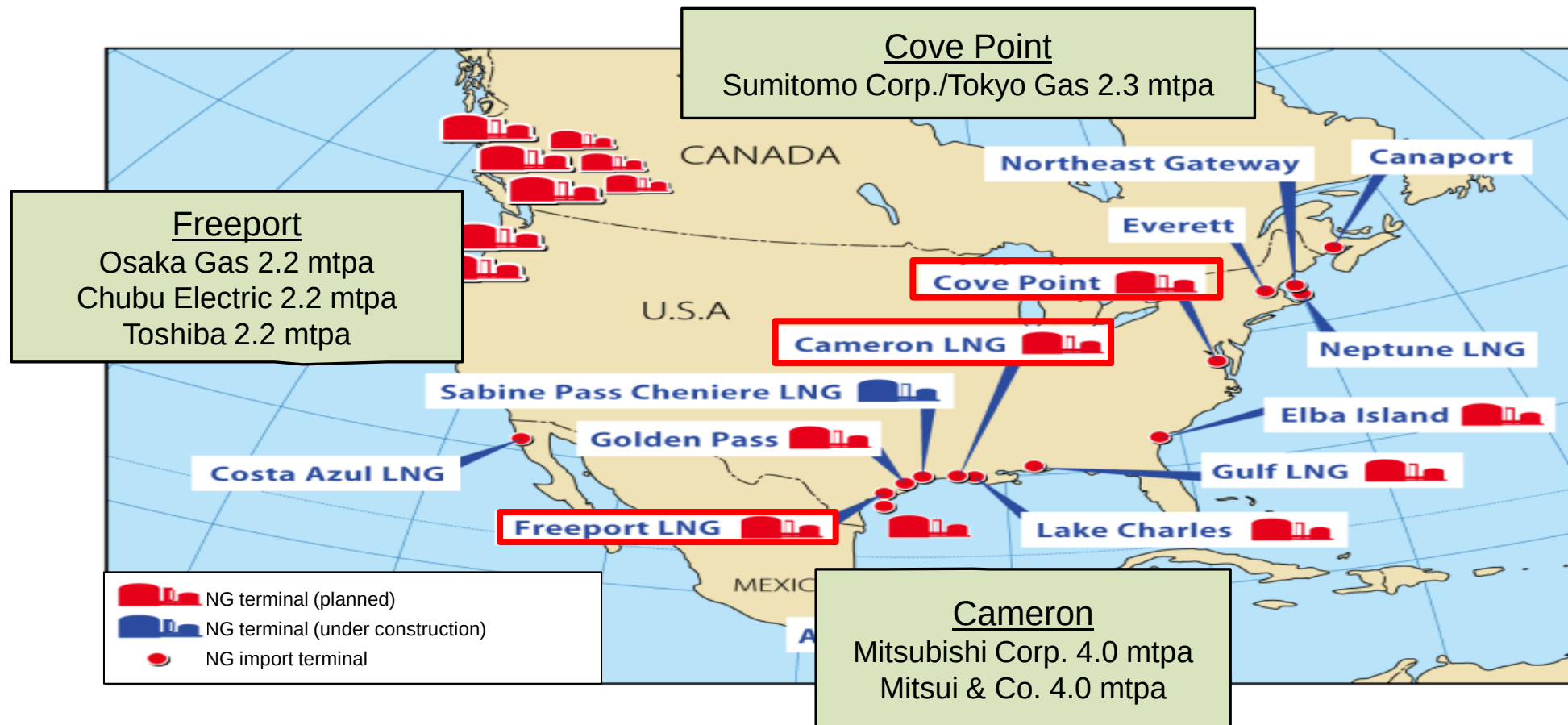
<LNG imports in Japan>



(Source: BP statistics 2014)

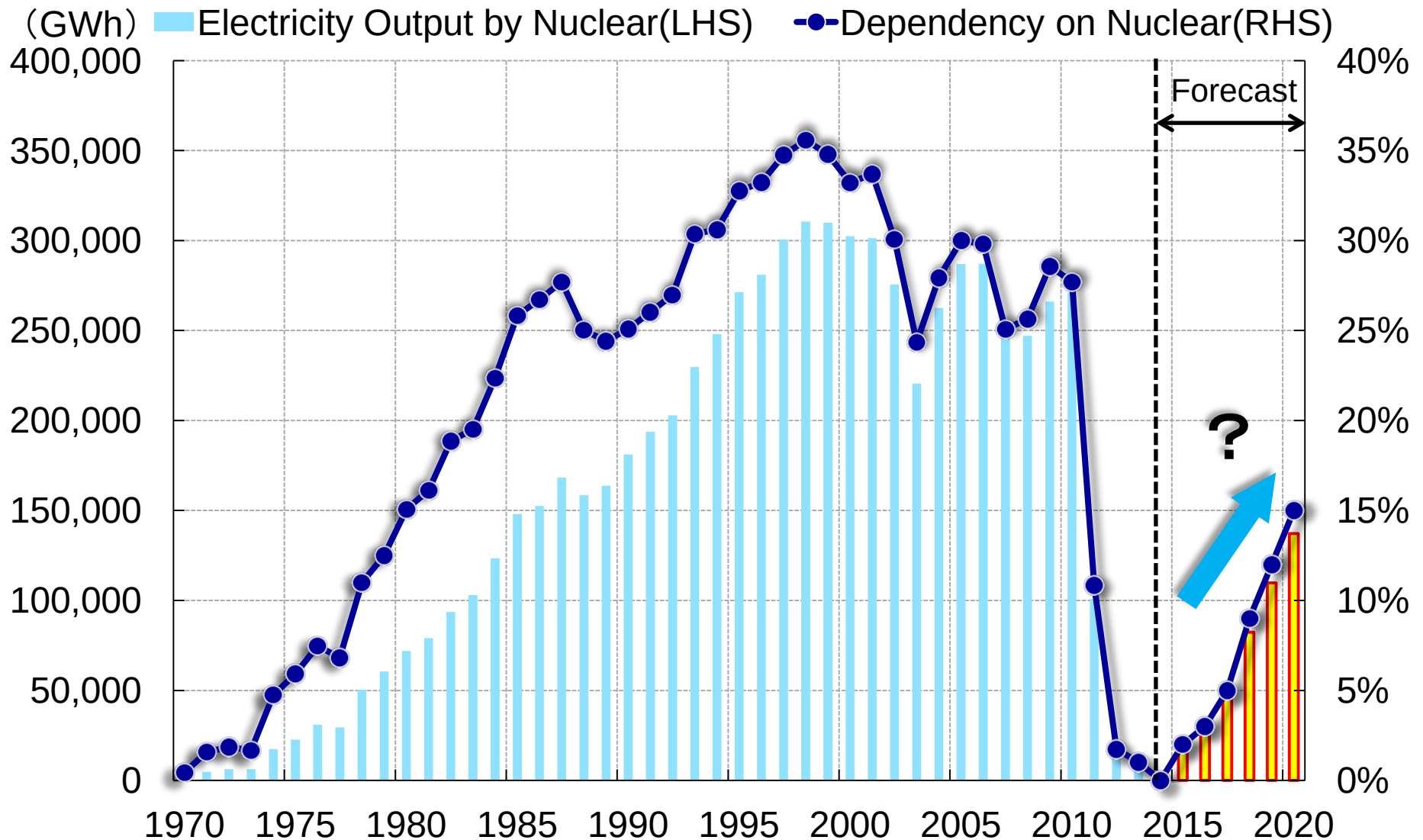
Japanese 17 MTPA liquefaction capacity in the U.S. (close to 20% of annual LNG imports)

<U.S LNG Export projects by Japanese Players>



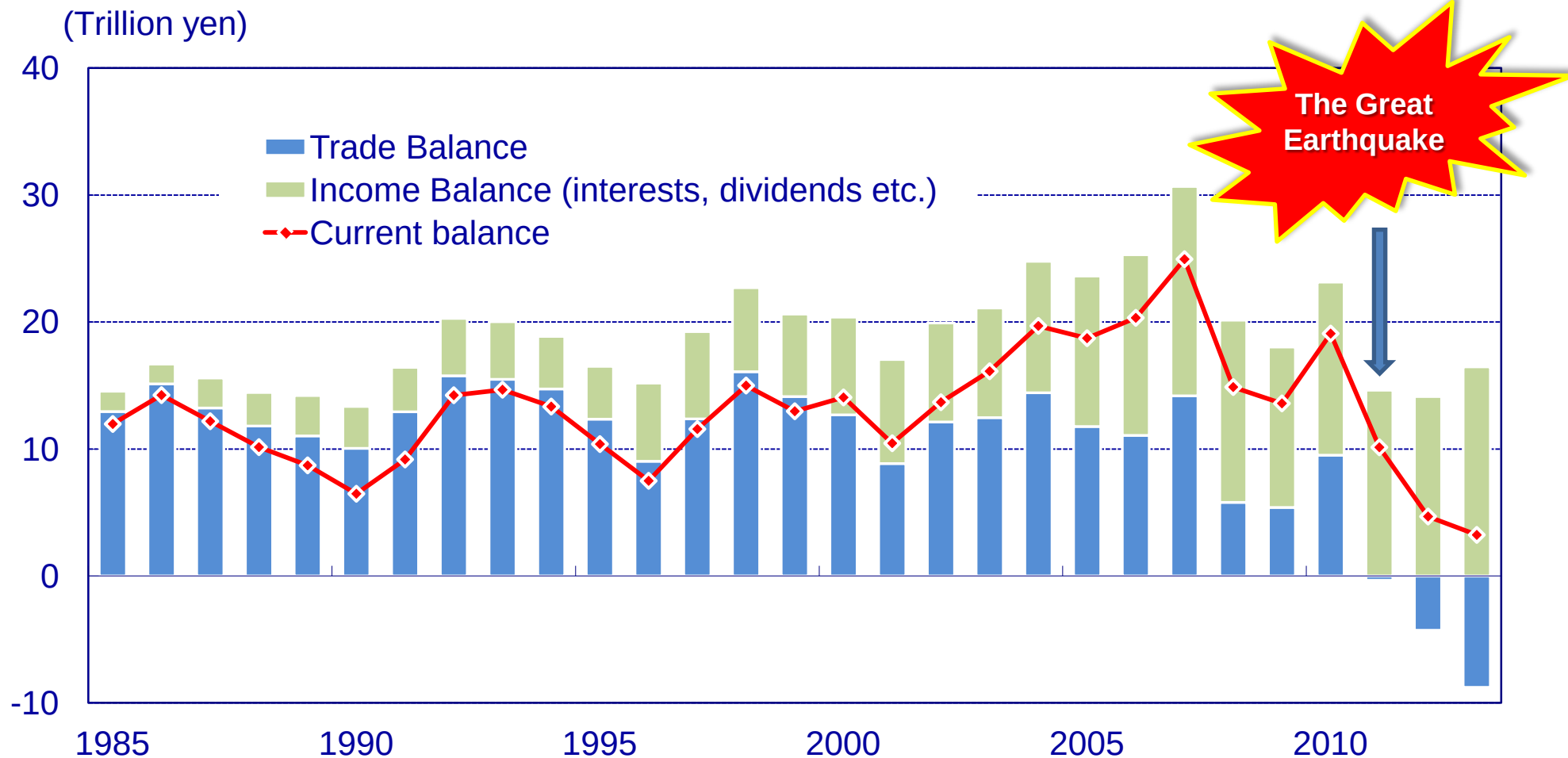
(Source: SCGR)

Japanese Nuclear Power Generation



(Source: SCGR, based on Federation of Electric Power Companies of Japan)

Current Balance of Payments (Trade balance & Income balance)



(Source: SCGR, based on Ministry of Finance, Japan)