



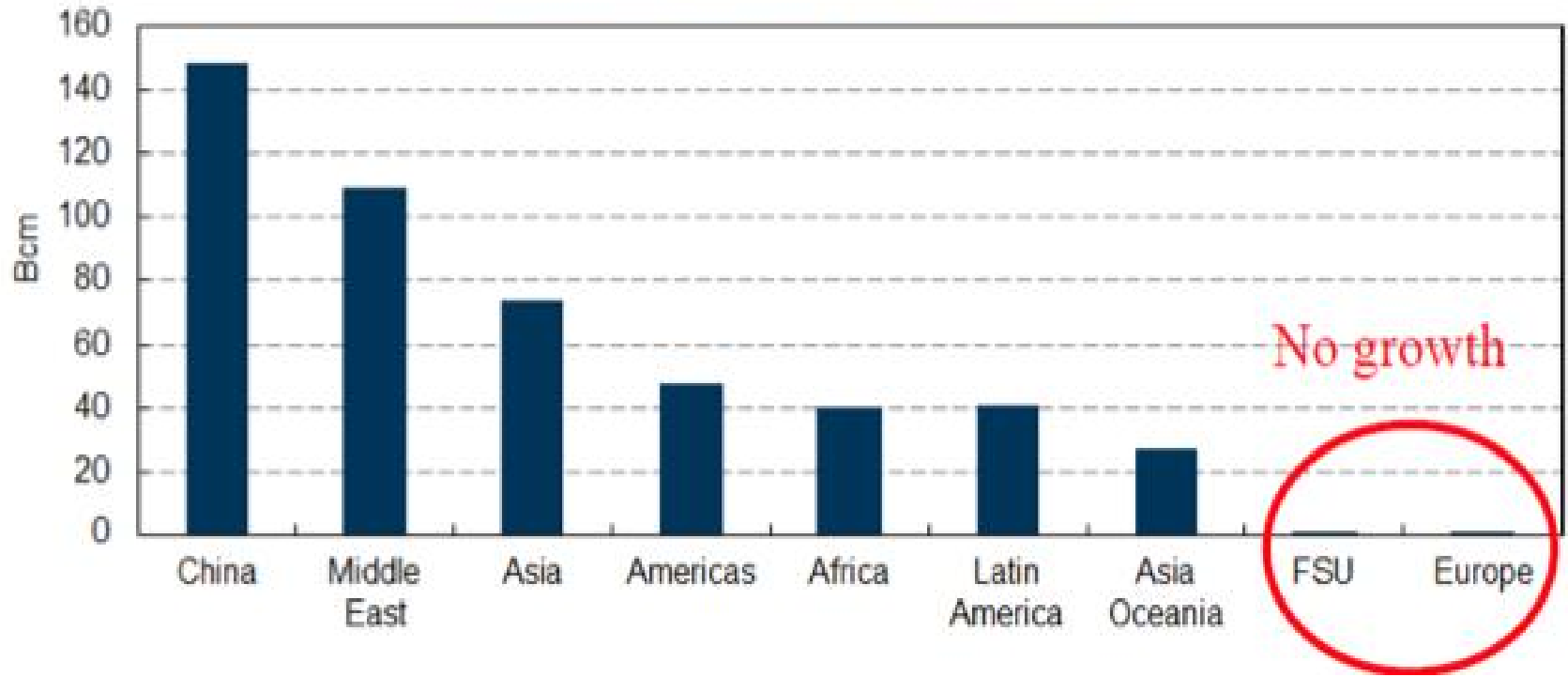
*September 24, 2014*

## The changing LNG Demand and Supply Outlook

**Jérôme Ferrier**  
**President IGU**

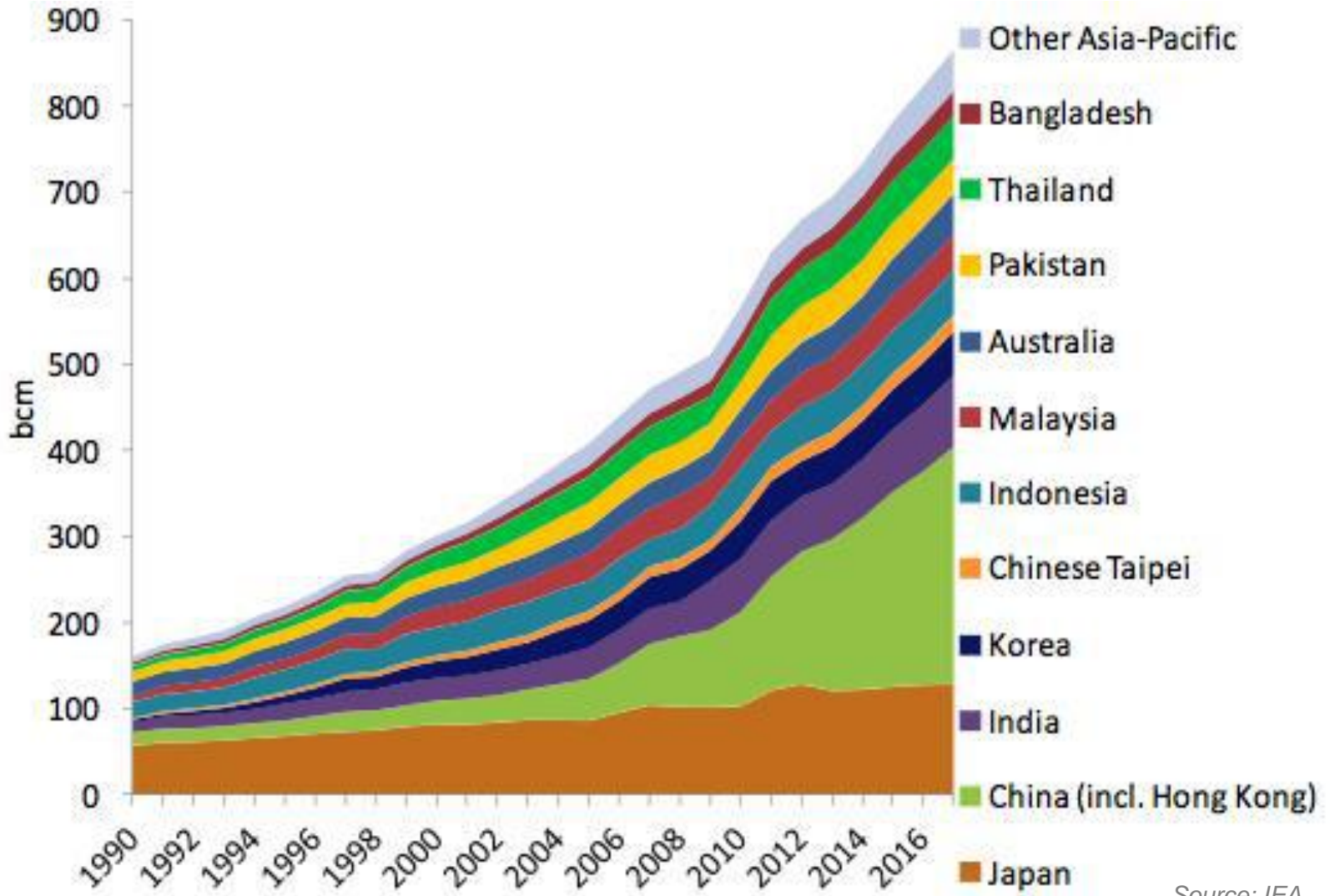
# China leads the gas demand growth to 2020

Incremental gas demand by region, 2013-19



Source: IEA

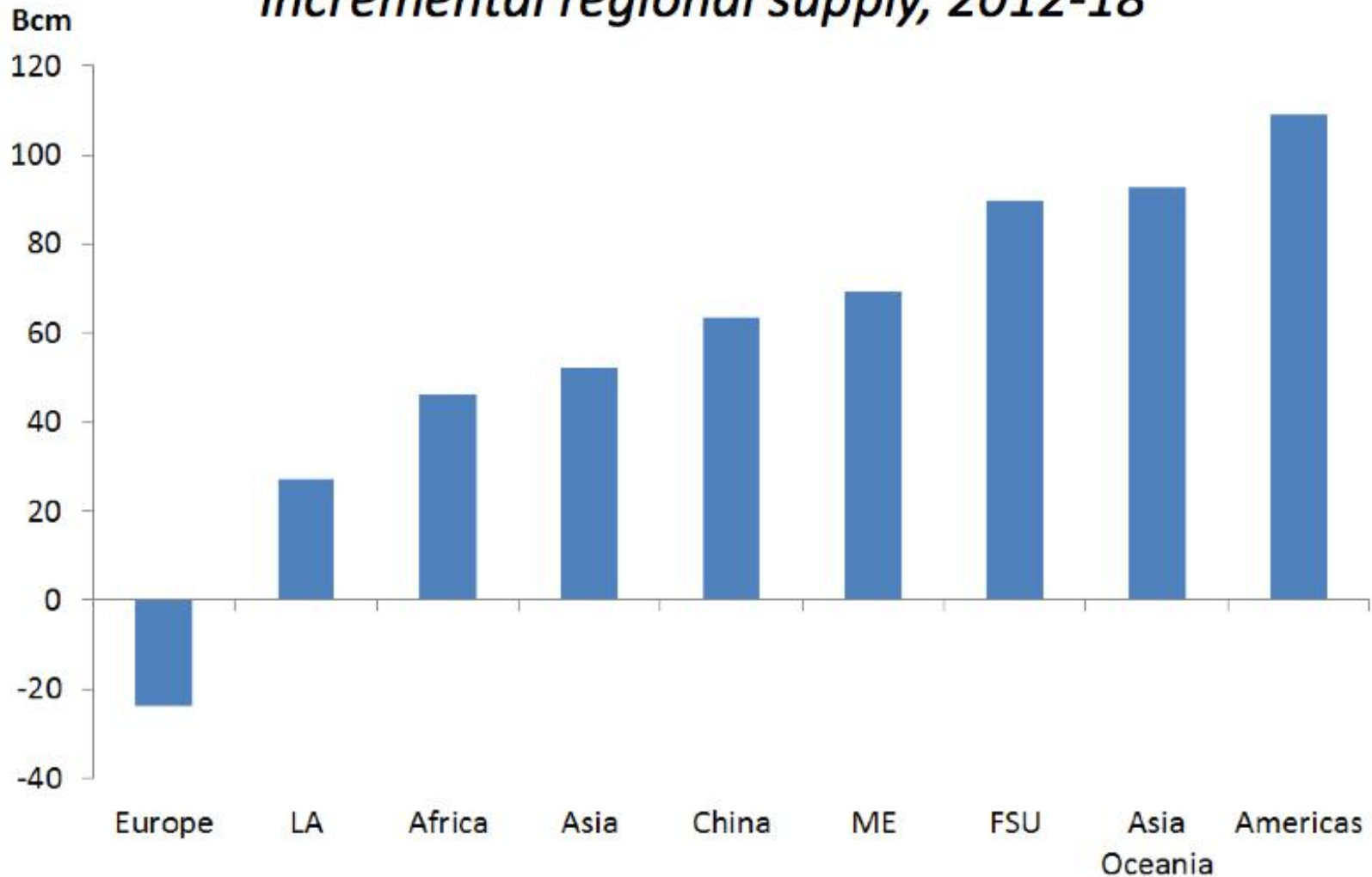
# Natural gas demand in Asia-Pacific 1990-2016



Source: IEA

# Americas and Australia are the largest contributors to global gas incremental supply *BP (2013)*

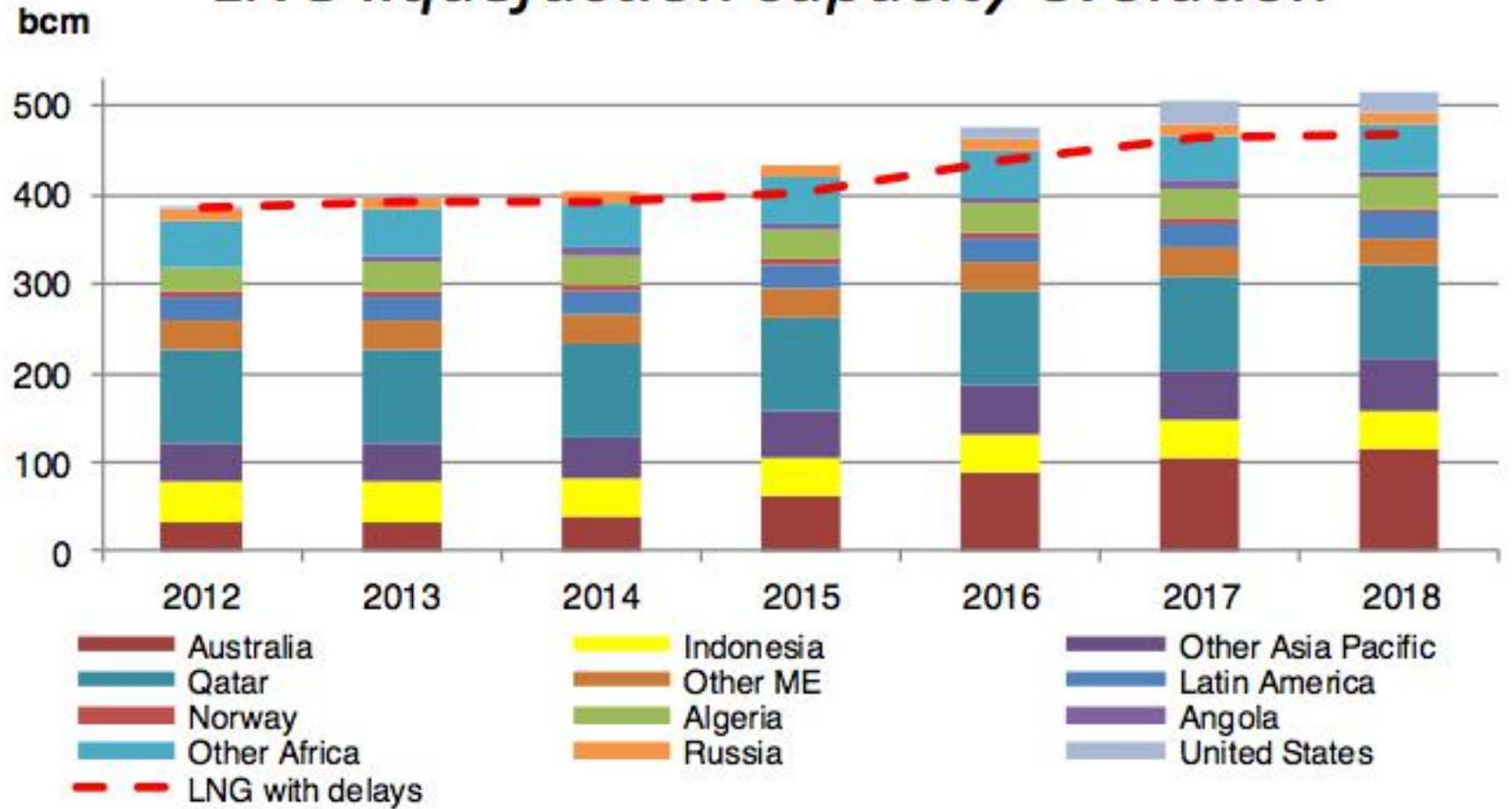
## *Incremental regional supply, 2012-18*



Source: IEA

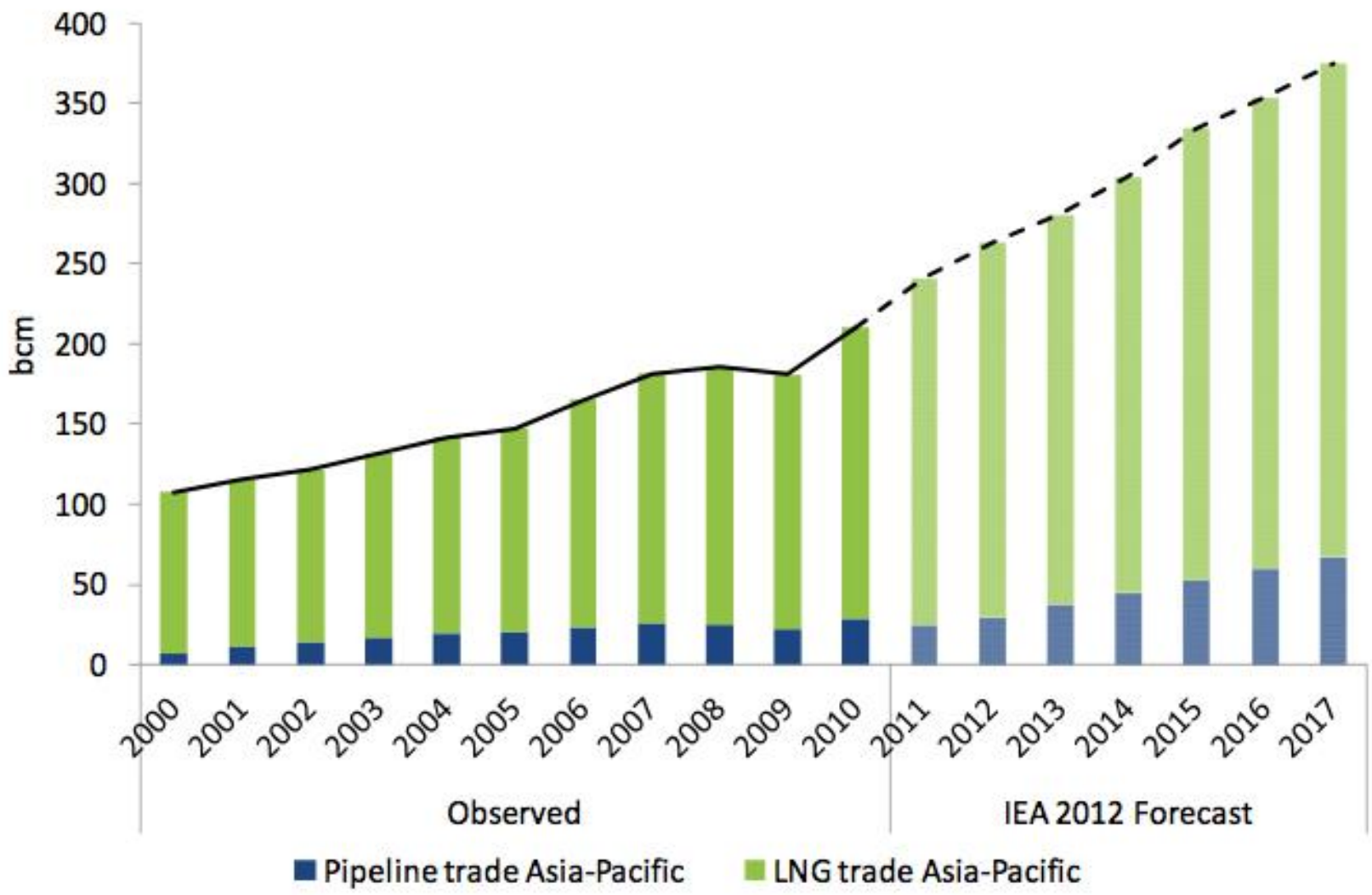
# Export tight LNG supply until 2020

## LNG liquefaction capacity evolution



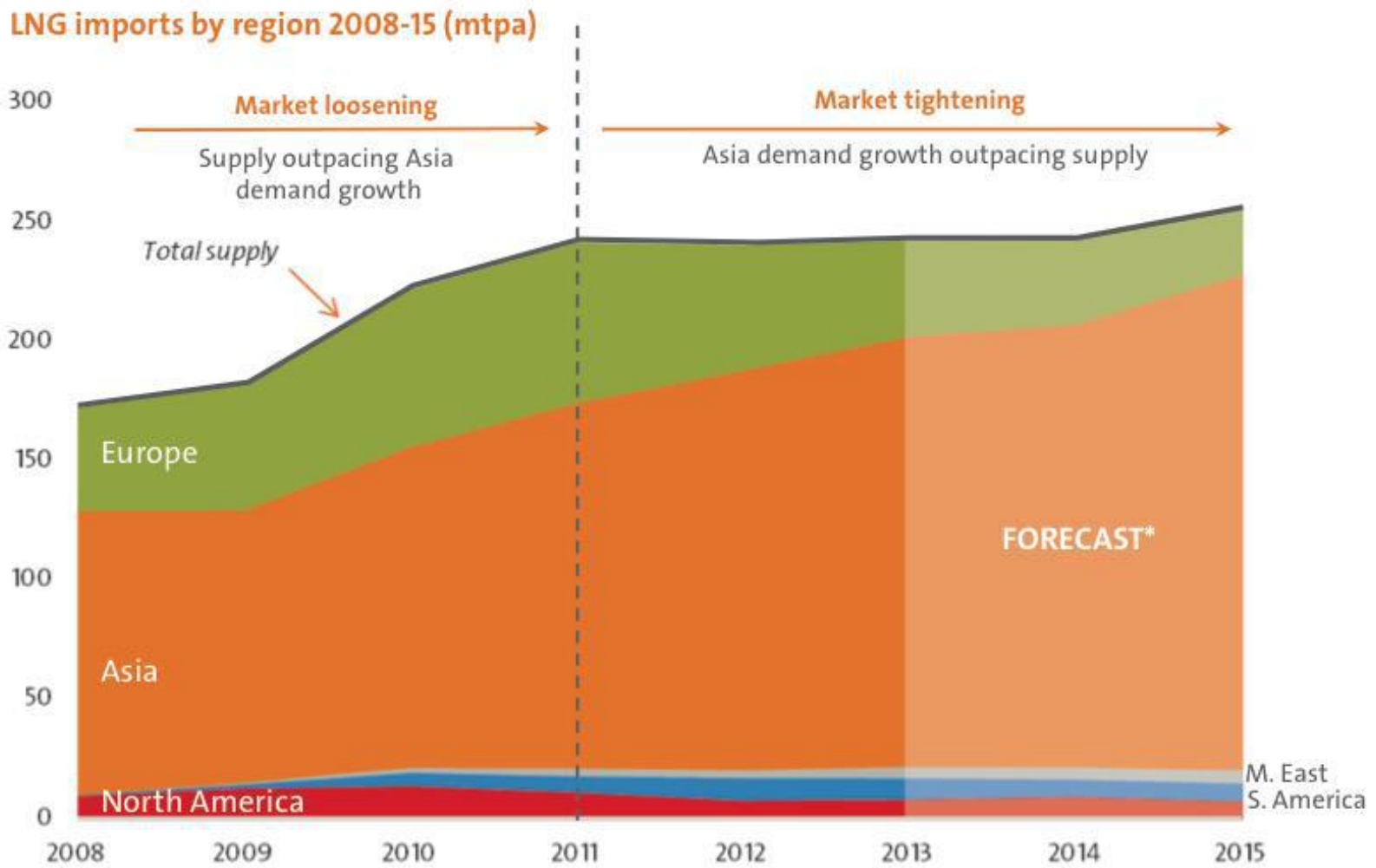
Source: IEA

# Pipeline and LNG trade in Asia-Pacific 2000-2017



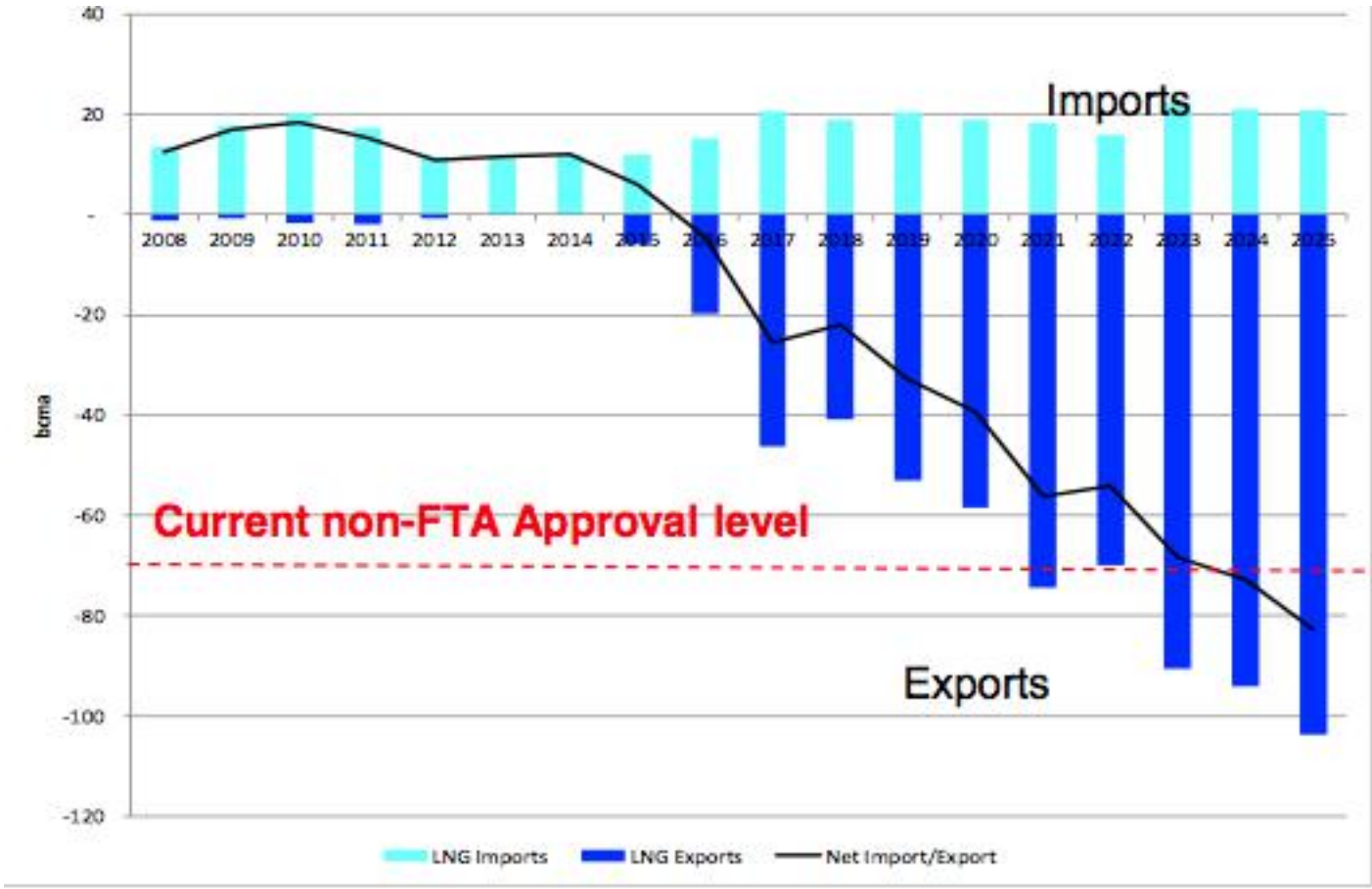
Source: IEA

# LNG market has tightened



Source: BG Group

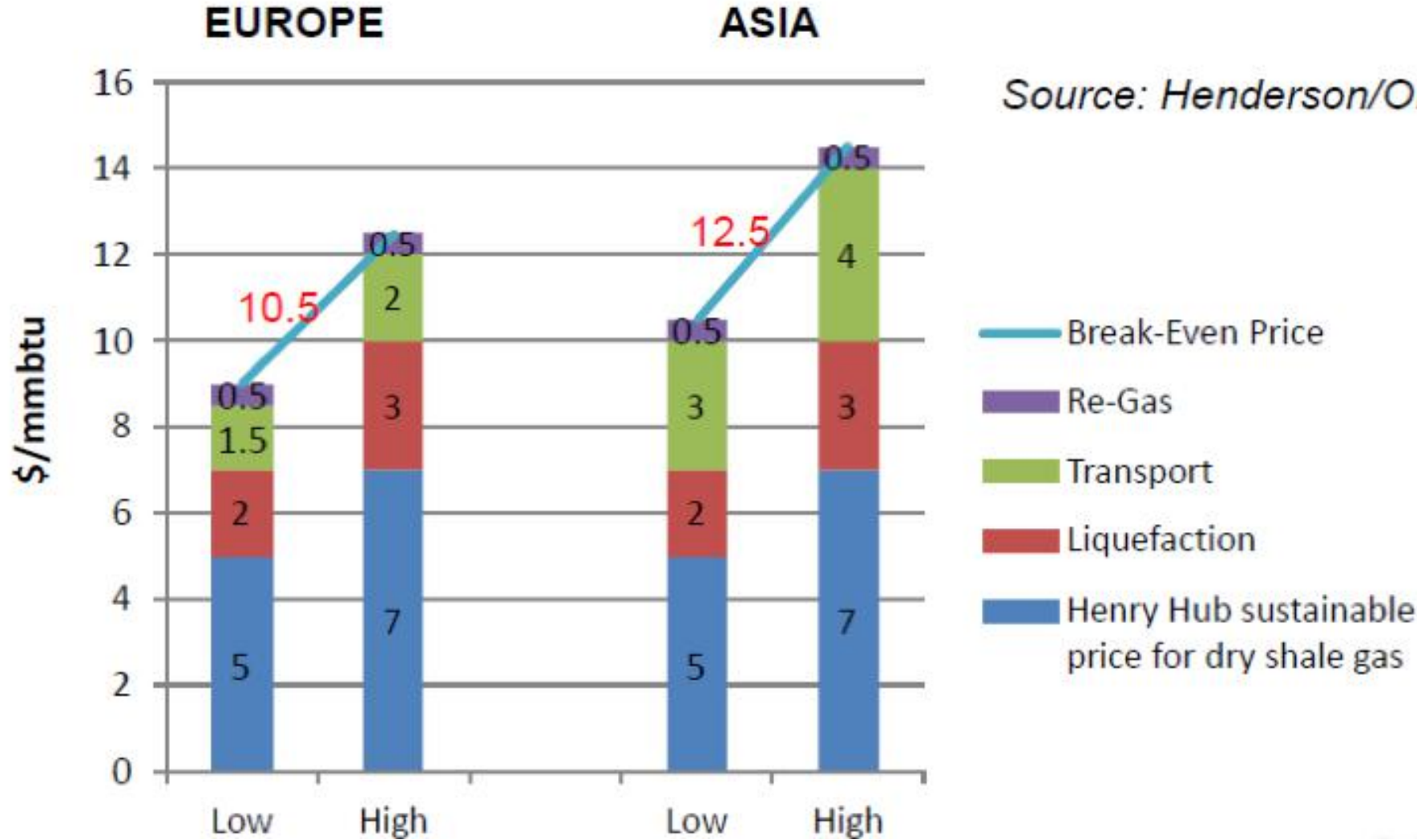
# North American LNG Imports and Exports to 2025



Source: Oxford Institute for Energy Studies (OIES)



# Break-even Destination Market Prices for US LNG to Europe and Asia



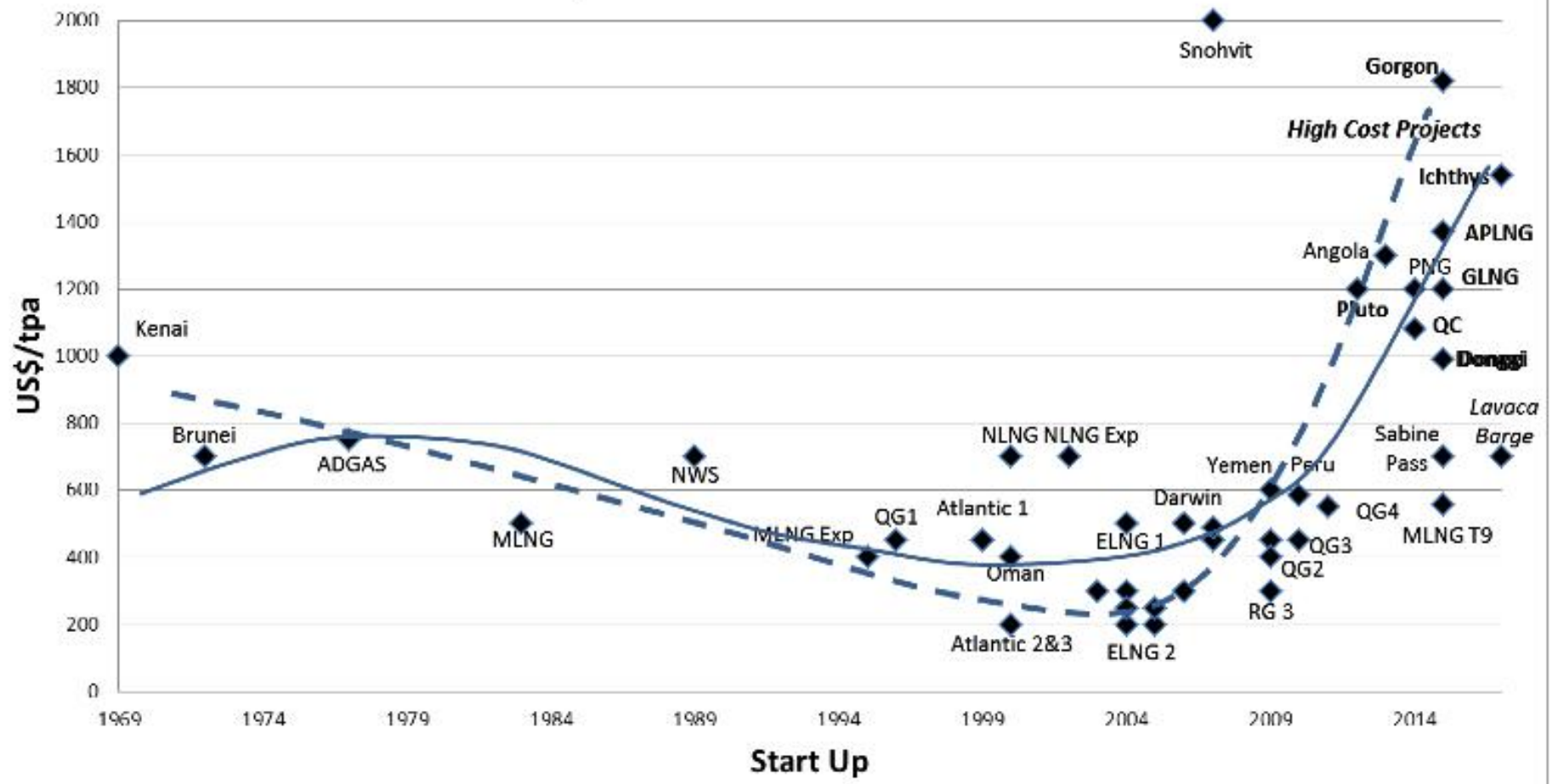
Source: Henderson/OIES

Source: Henderson (2013) and OIES

# Liquefaction Unit Cost of Construction 1969-2015

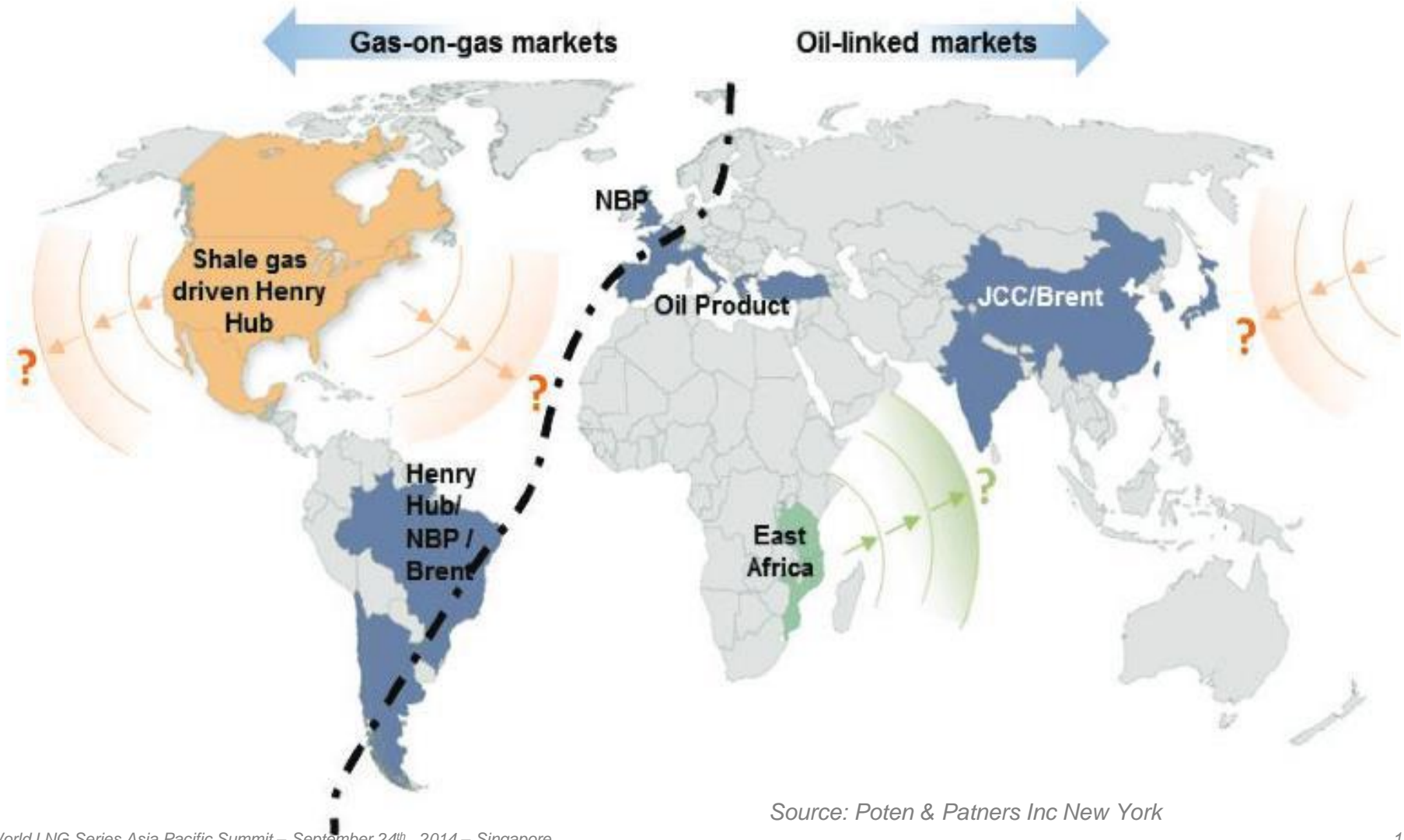


Liquefaction Plant Metric Cost



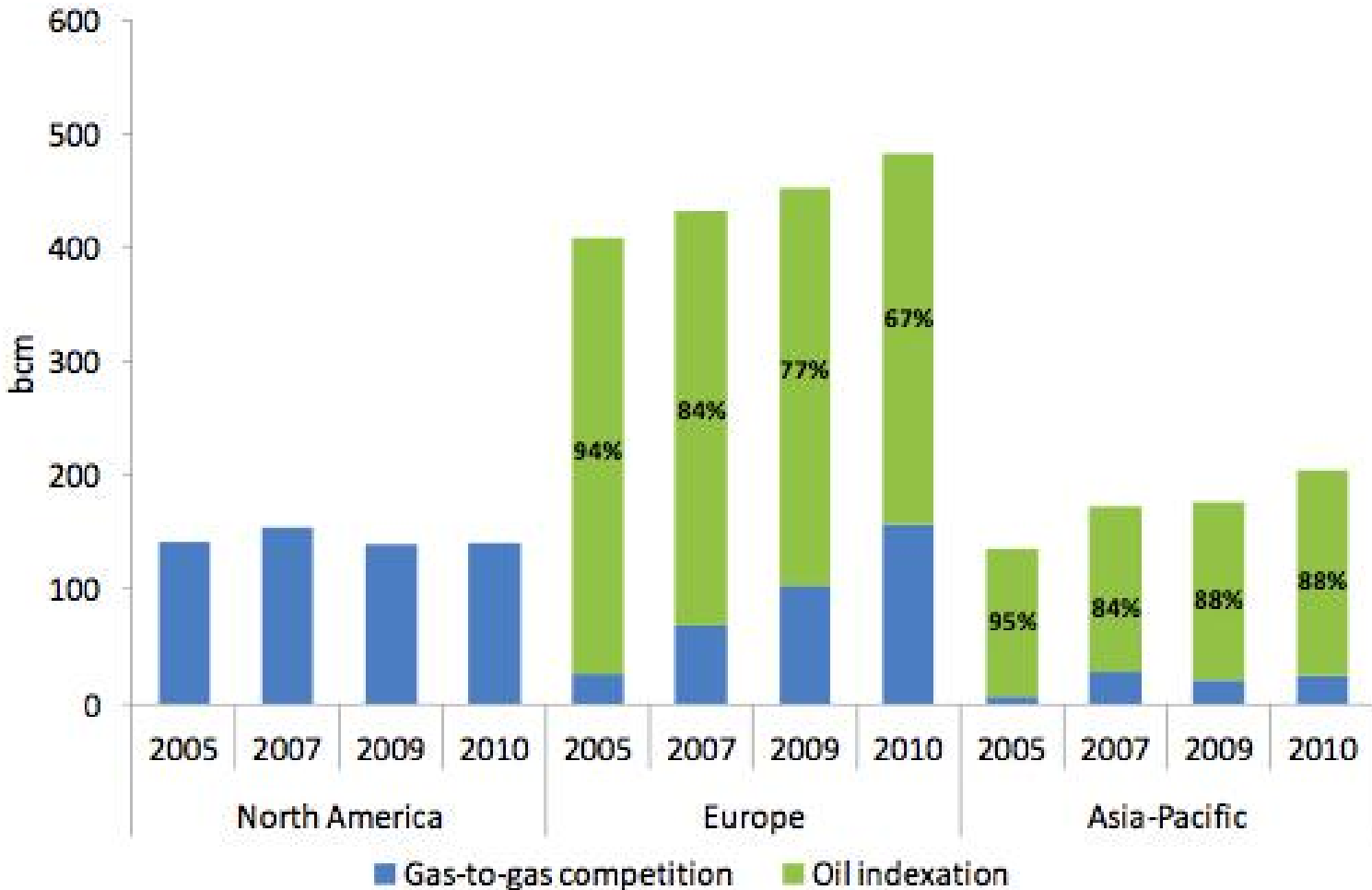
Source: Oxford Institute for Energy Studies (OIES)

# Regional Contract Pricing Prevailing Structure



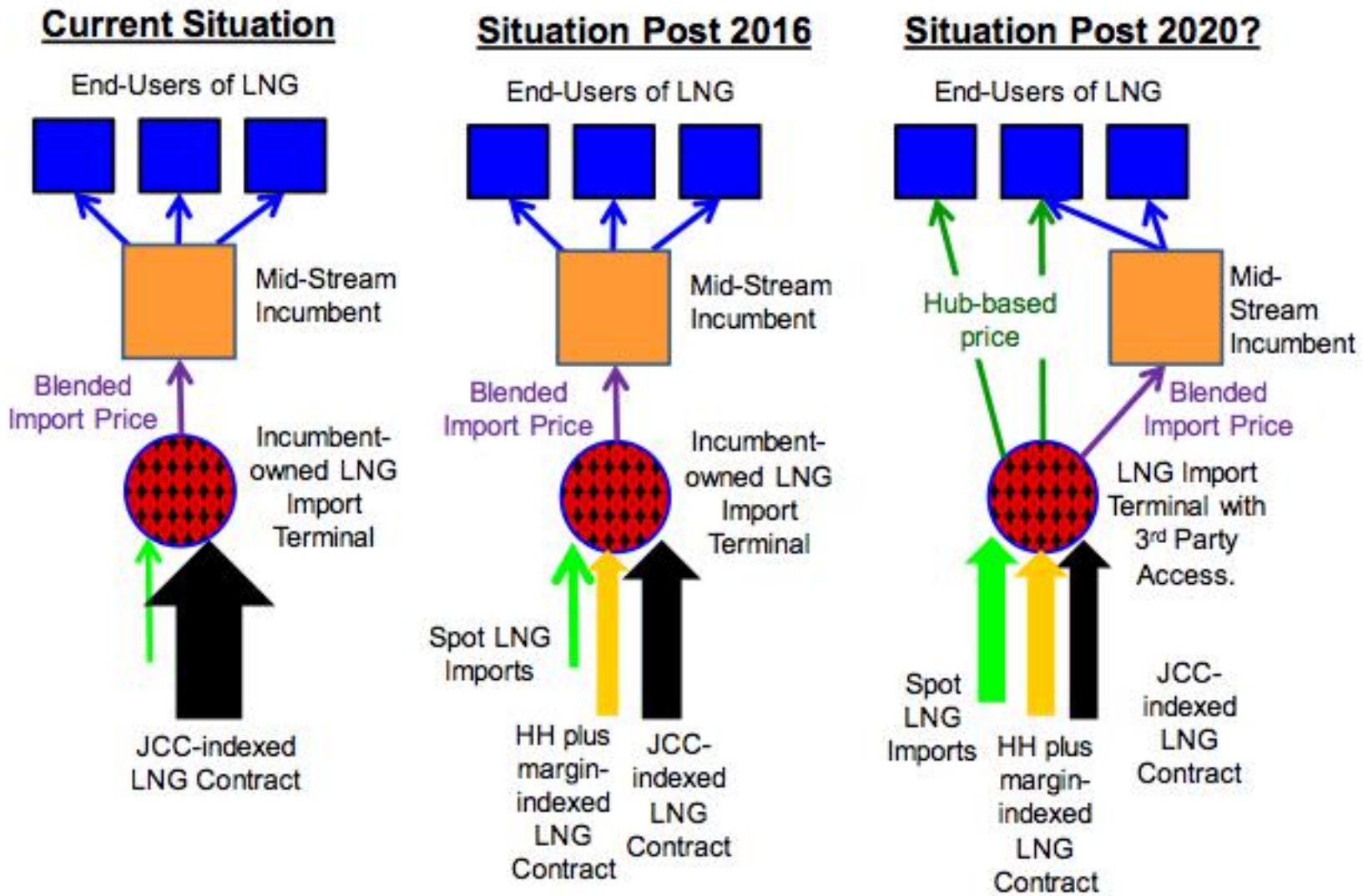
Source: Poten & Patners Inc New York

# Market based pricing of gas in three main consuming regions



Source: IGU

# Structural ongoing Changes in Gas Pricing in Asia



Source: OIES

# 2015 World Gas Conference



# 26<sup>th</sup>

WORLD GAS CONFERENCE  
PARIS FRANCE  
1 - 5 June 2015

