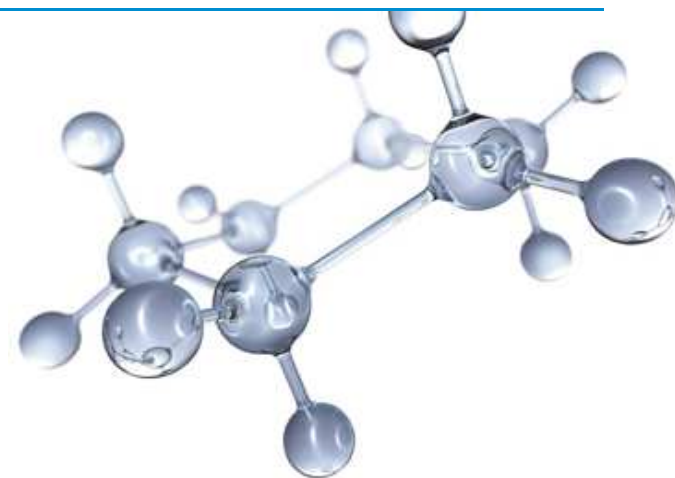


# The Outlook for Energy

## A View to 2040



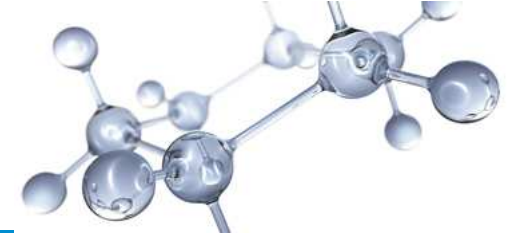
Stephen S.F. Wong  
President  
Greater China/Japan Gas Marketing

Oil & Gas Energy Forum  
Taipei, July 4, 2012

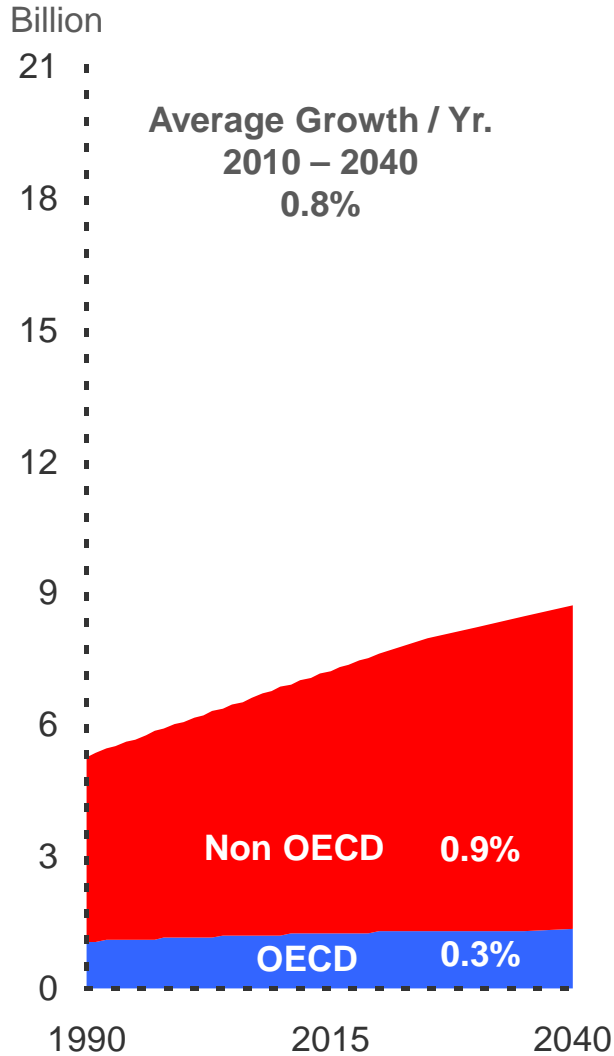
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This presentation includes forward-looking statements. Actual future conditions (including economic conditions, energy demand, and energy supply) could differ materially due to changes in technology, the development of new supply sources, political events, demographic changes, and other factors discussed herein and under the heading "Factors Affecting Future Results" in the Investors section of our website at: [www.exxonmobil.com](http://www.exxonmobil.com). The information provided includes ExxonMobil's internal estimates and forecasts based upon internal data and analyses as well as publically-available information from external sources including the International Energy Agency. This material is not to be used or reproduced without the permission of Exxon Mobil Corporation. All rights reserved.

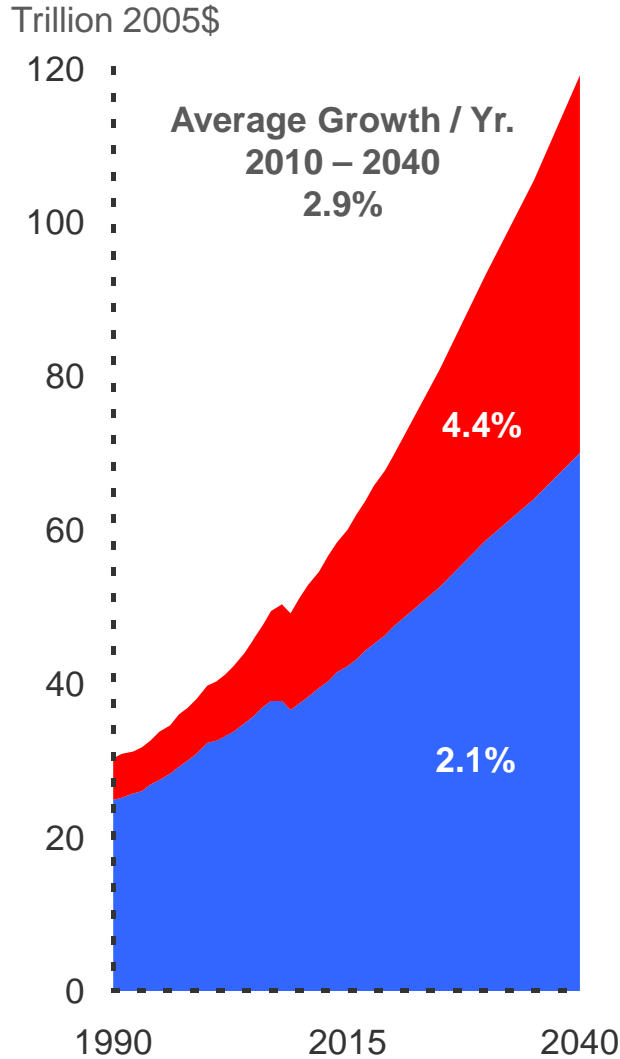
# Global Progress Drives Demand



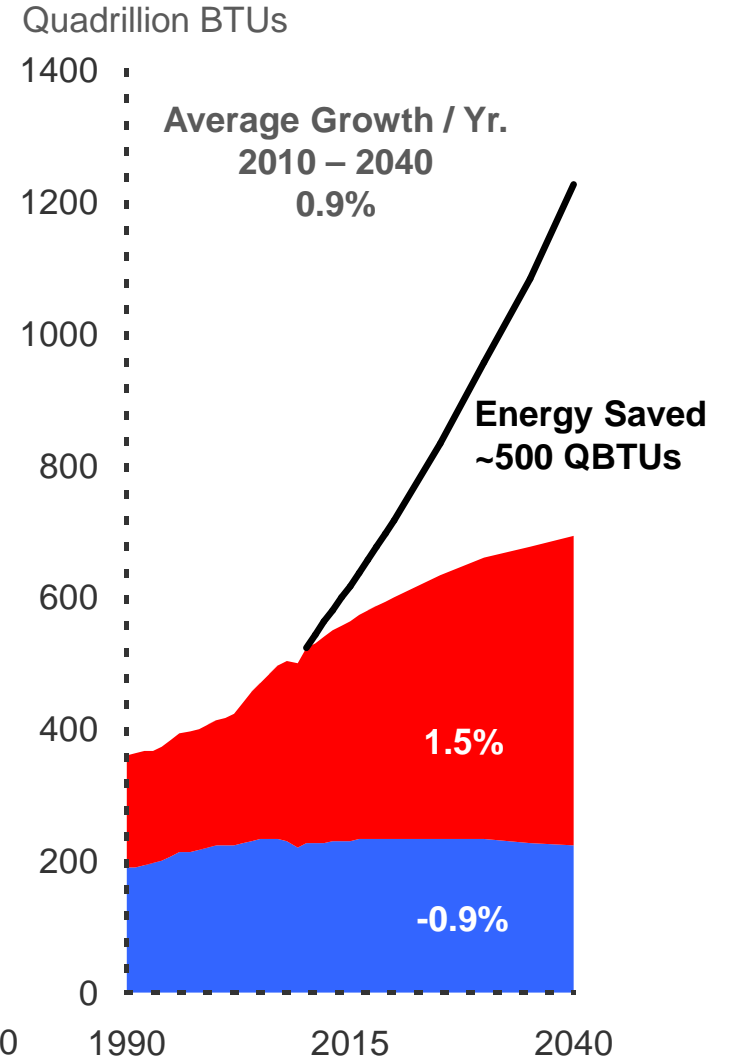
## Population



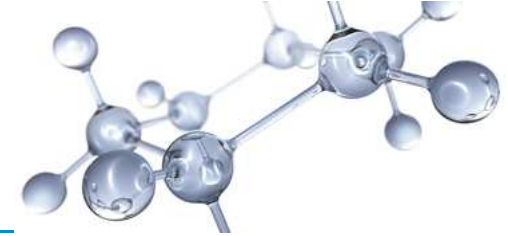
## GDP



## Energy Demand



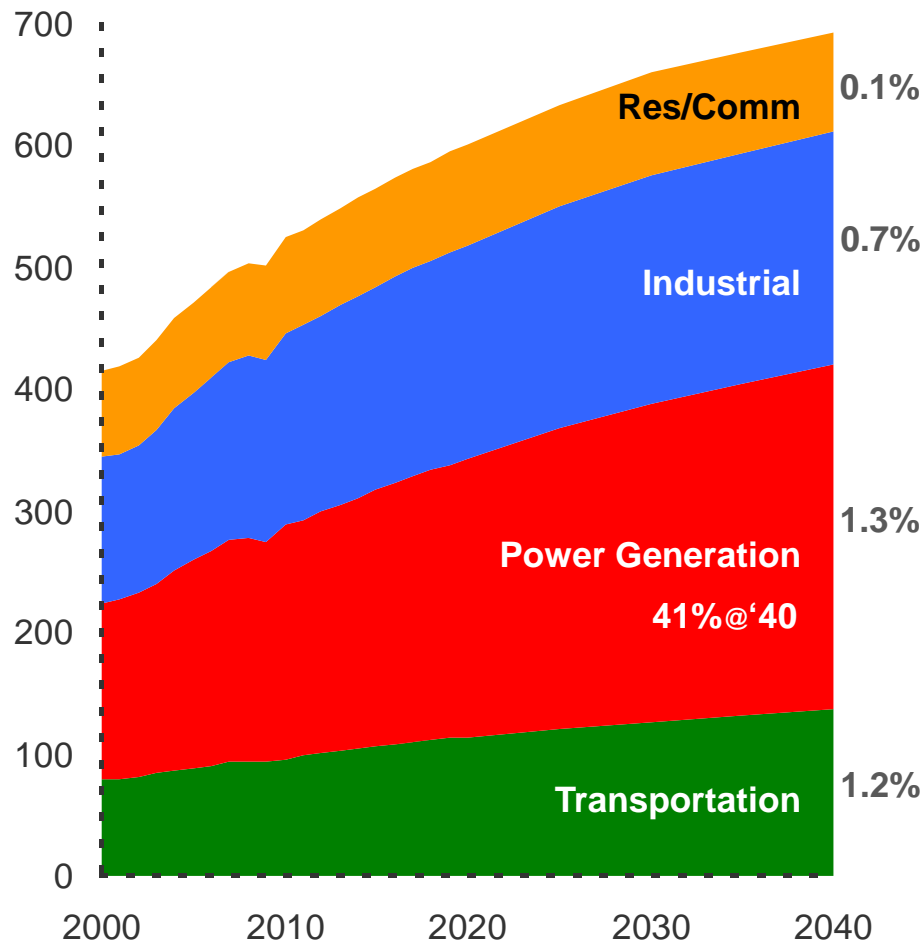
# Global Energy Demand



## By Sector

Quadrillion BTUs

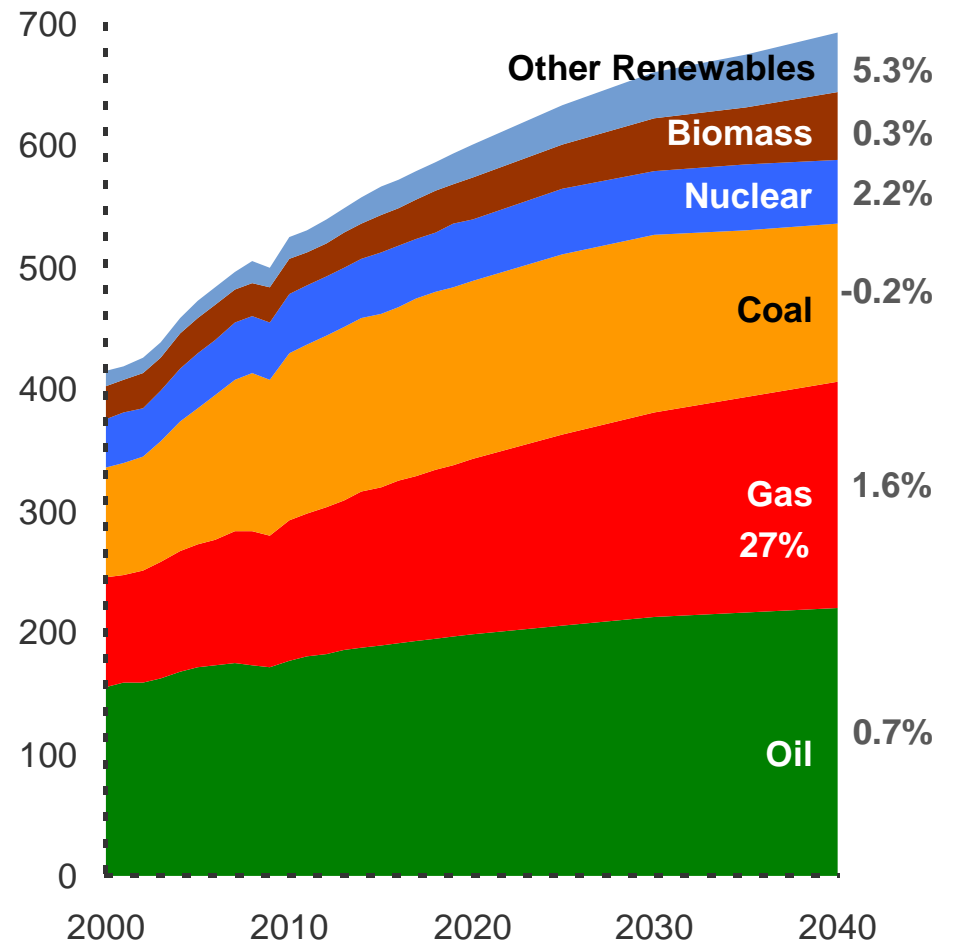
growth  
0.9%



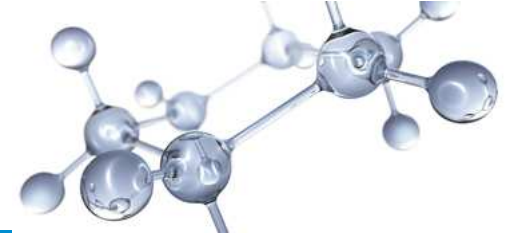
## By Fuel

Quadrillion BTUs

growth  
0.9%

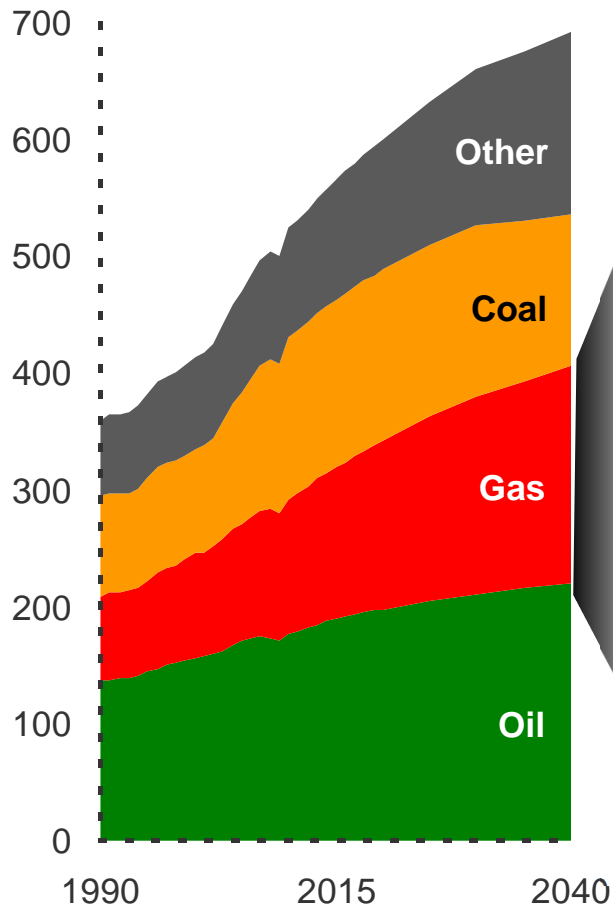


# Natural Gas Demand Grows in All Areas



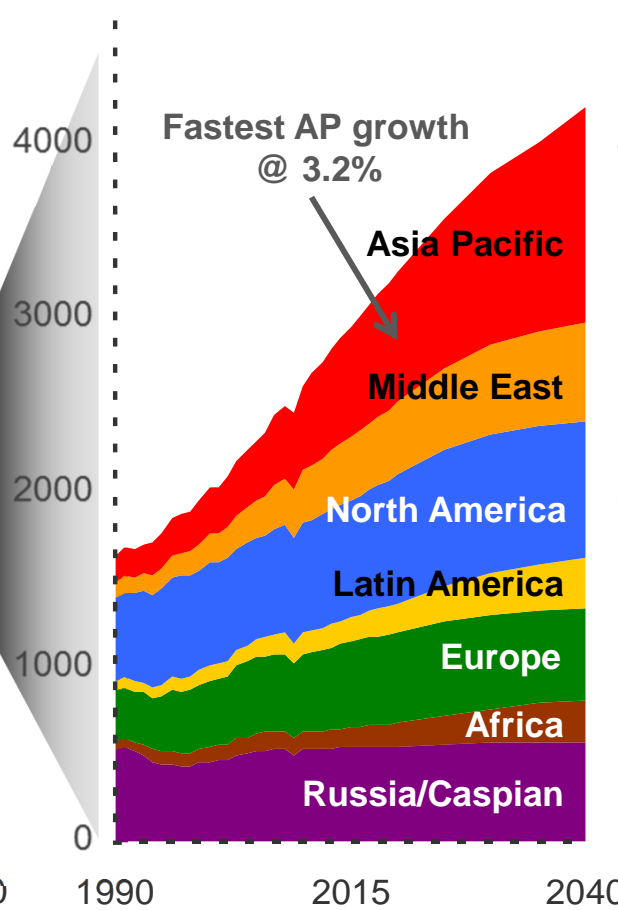
## Demand

Quadrillion BTUs



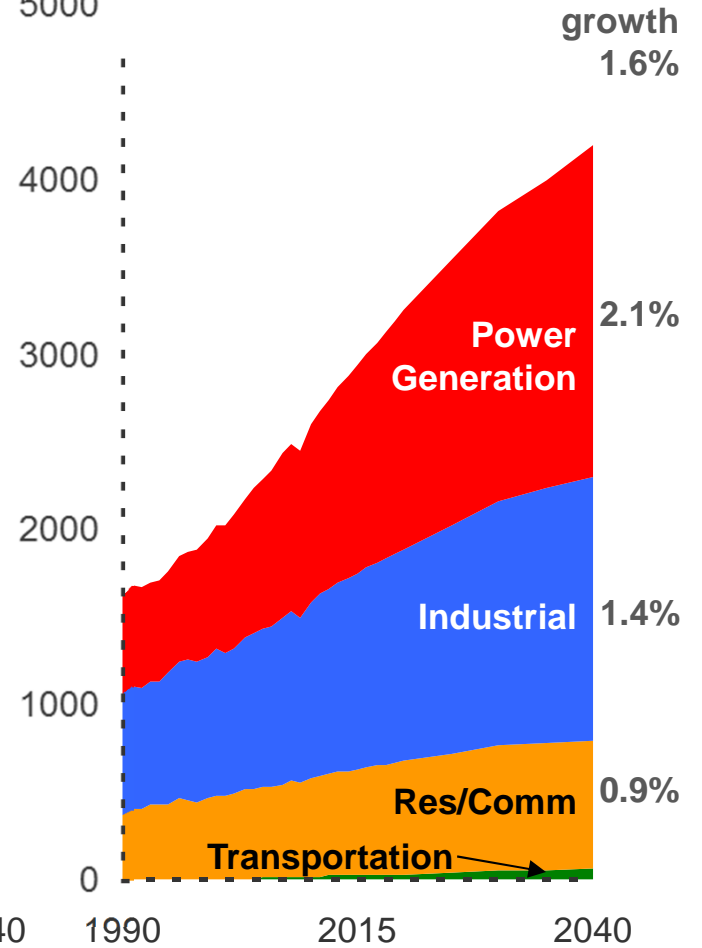
## By Region

MTA  
5000

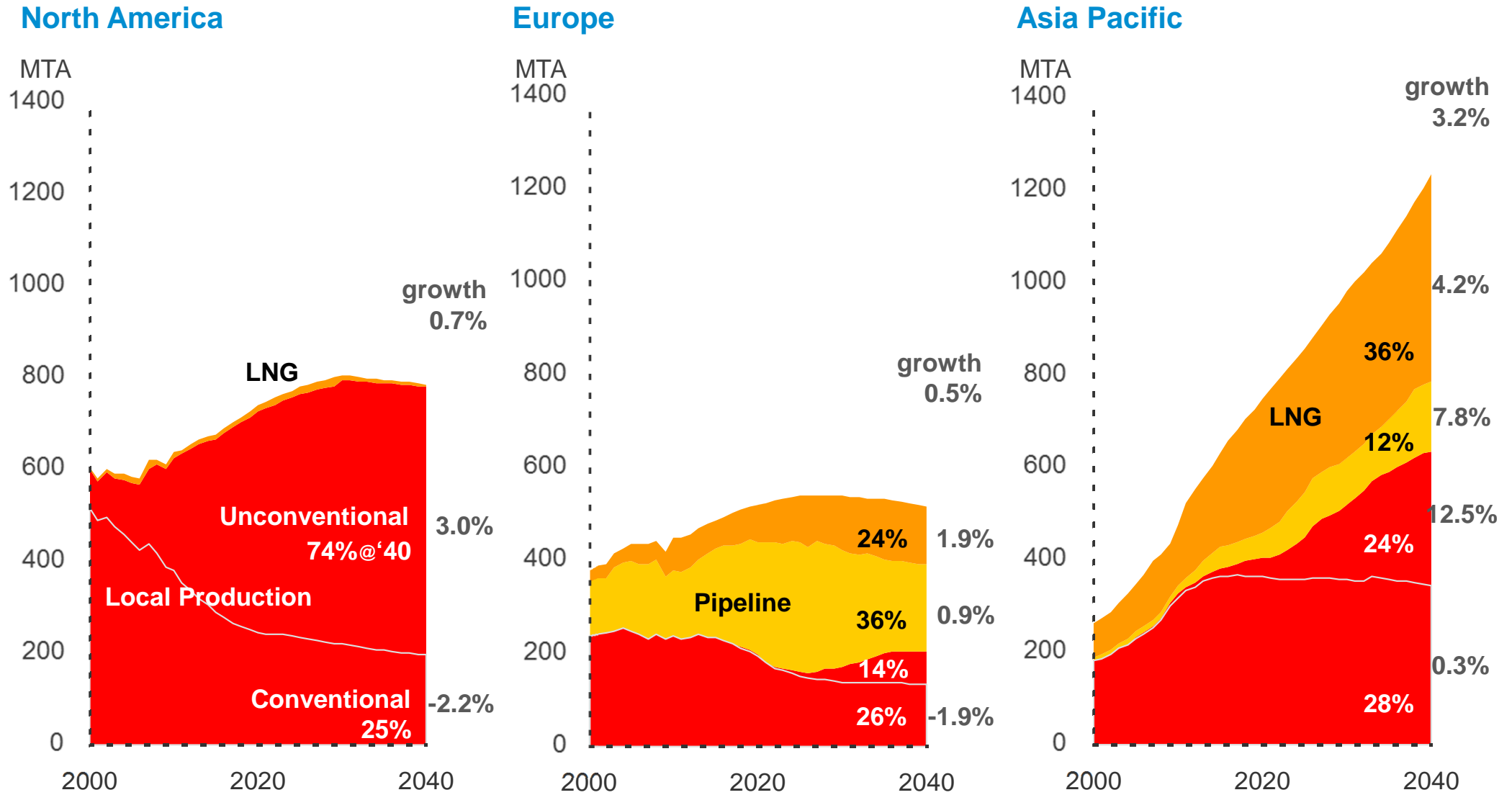
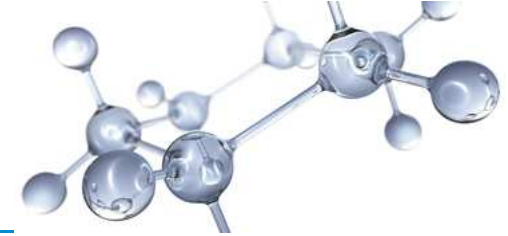


## By Sector

MTA  
5000

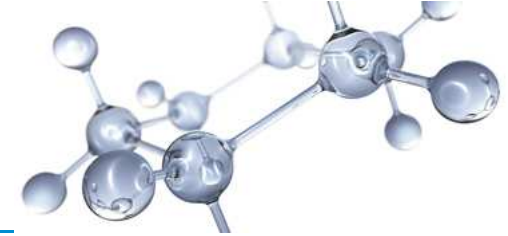


# Natural Gas Supply Grows and Diversifies



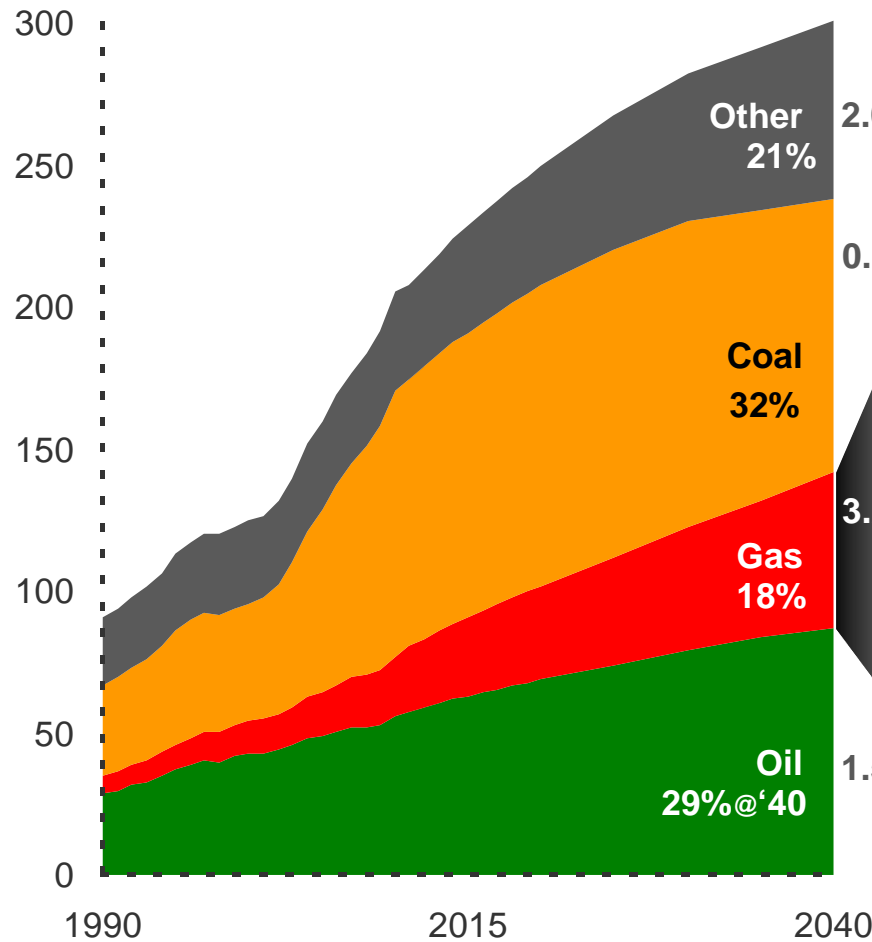
Source: ExxonMobil 2012 Energy Outlook

# AP Gas Demand Grows in all countries



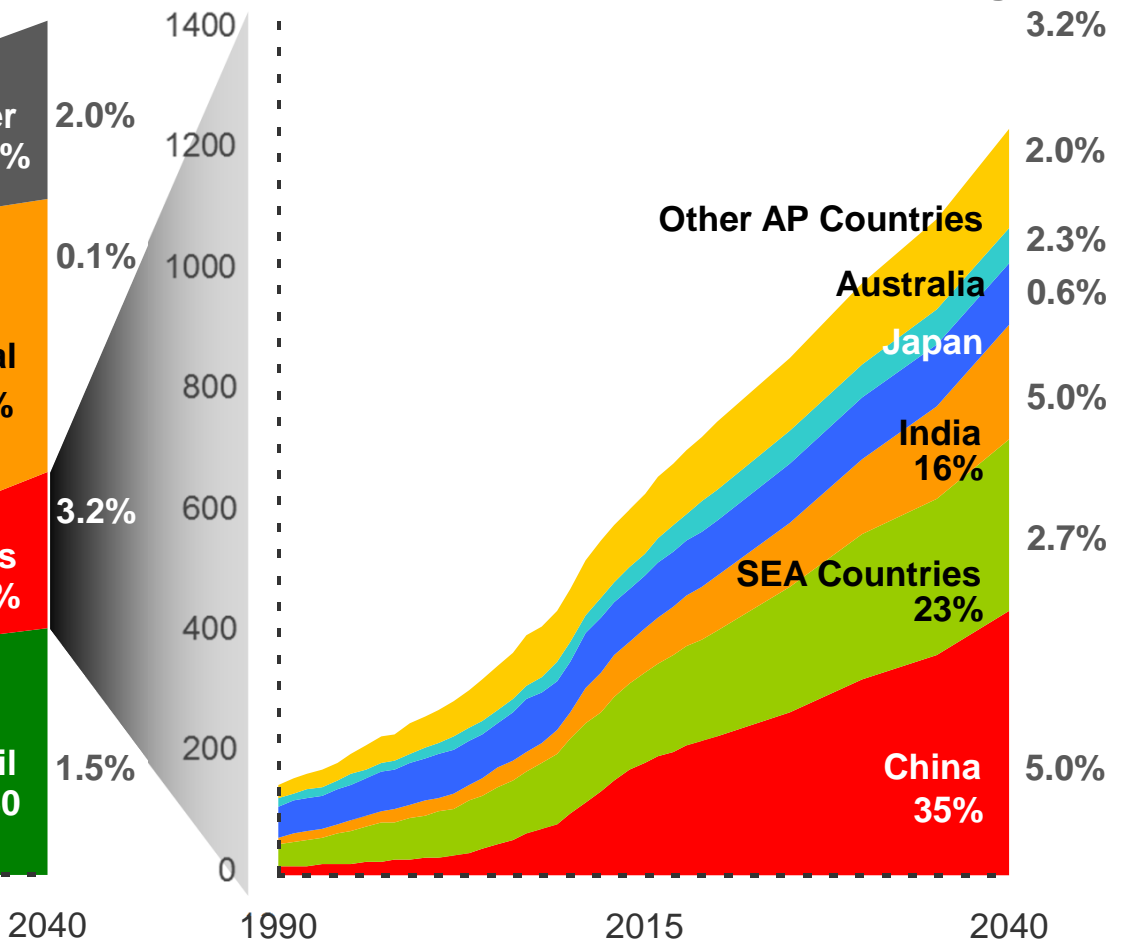
## By Fuel

Quadrillion BTUs

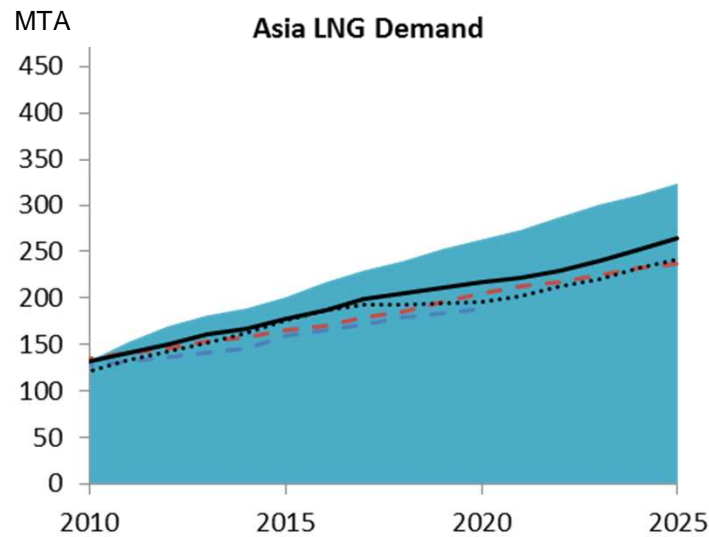
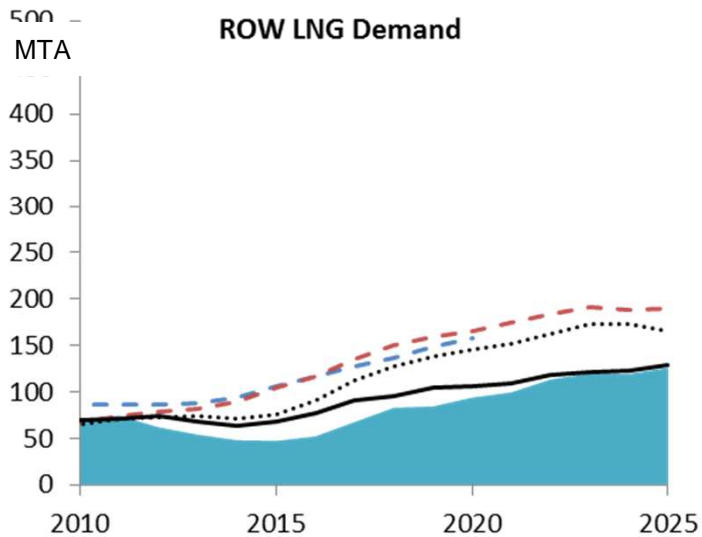
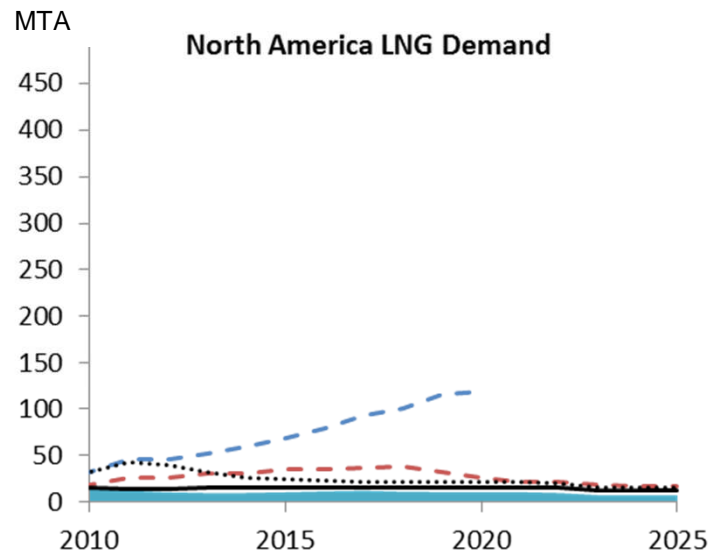
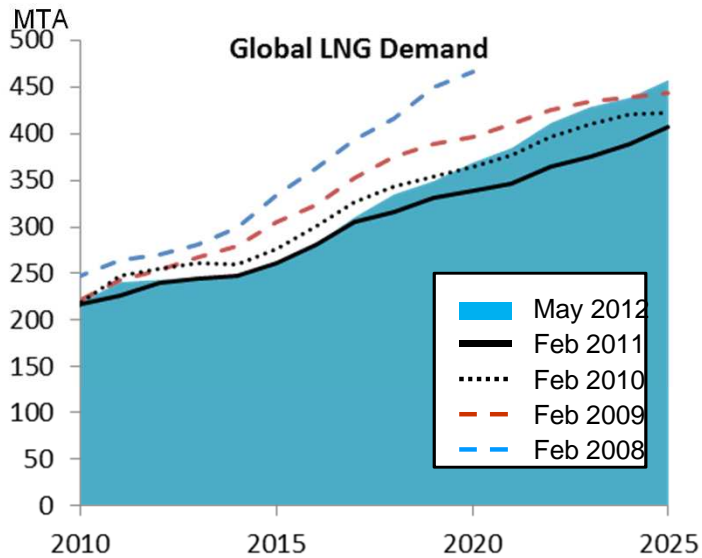
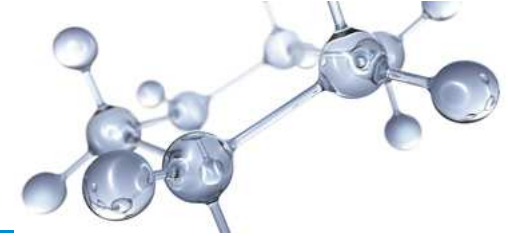


## By Country

MTA

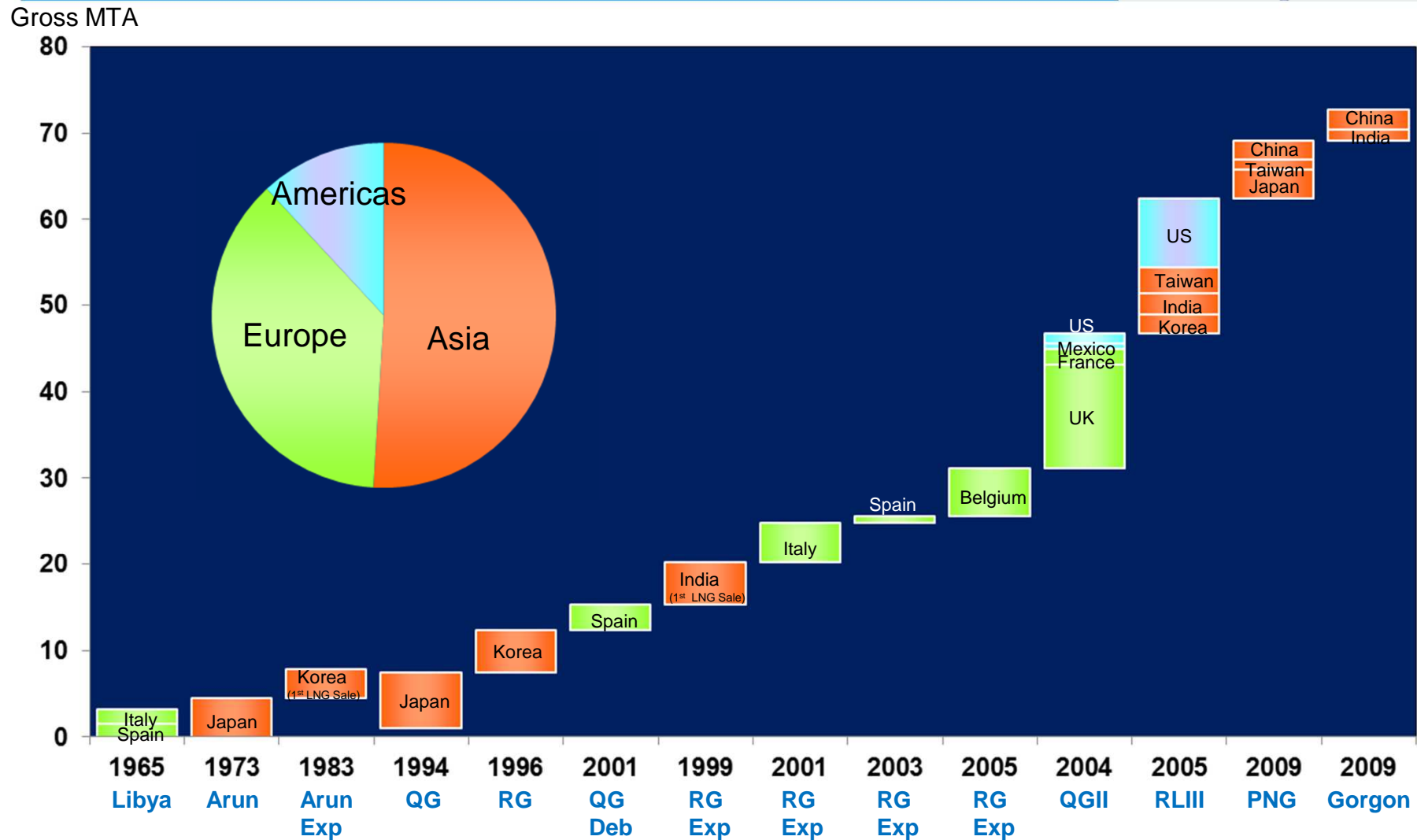
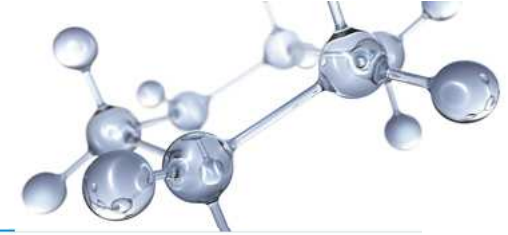


# LNG Market Transition



- 2012 outlook for Global LNG demand back to 2009/10 view
- Different prospect of regional LNG demand
- Negligible North America LNG demand, volumes originally destined for NA now going primarily to Asia
- Asia continues to have the most significant LNG demand

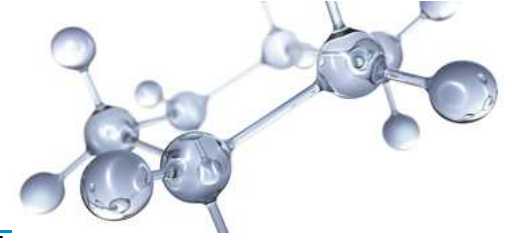
# ExxonMobil's LNG Global Reach



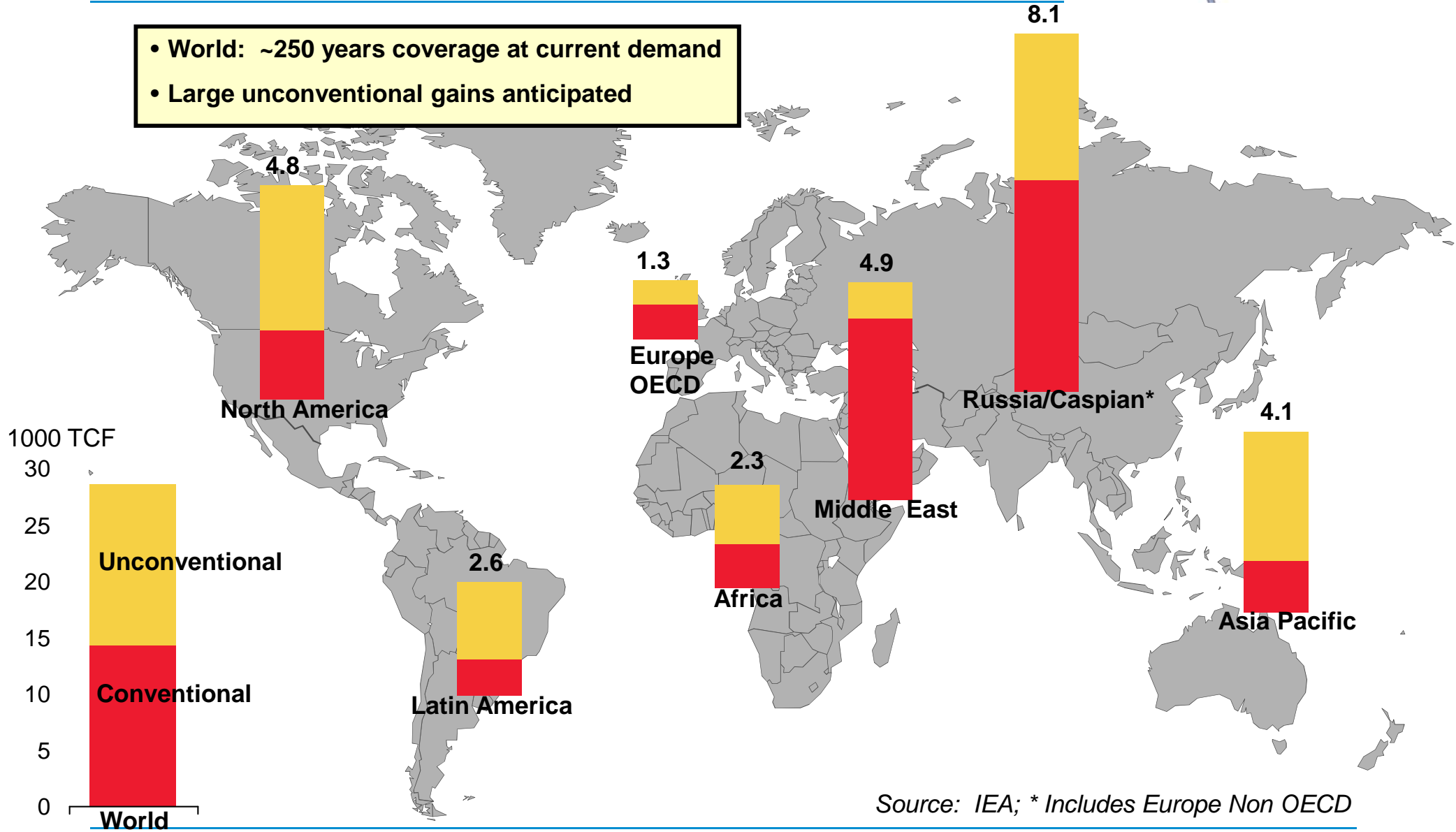
Over 40 years of LNG experience; Interest in over 25% of world's capacity



# Global Gas Resources

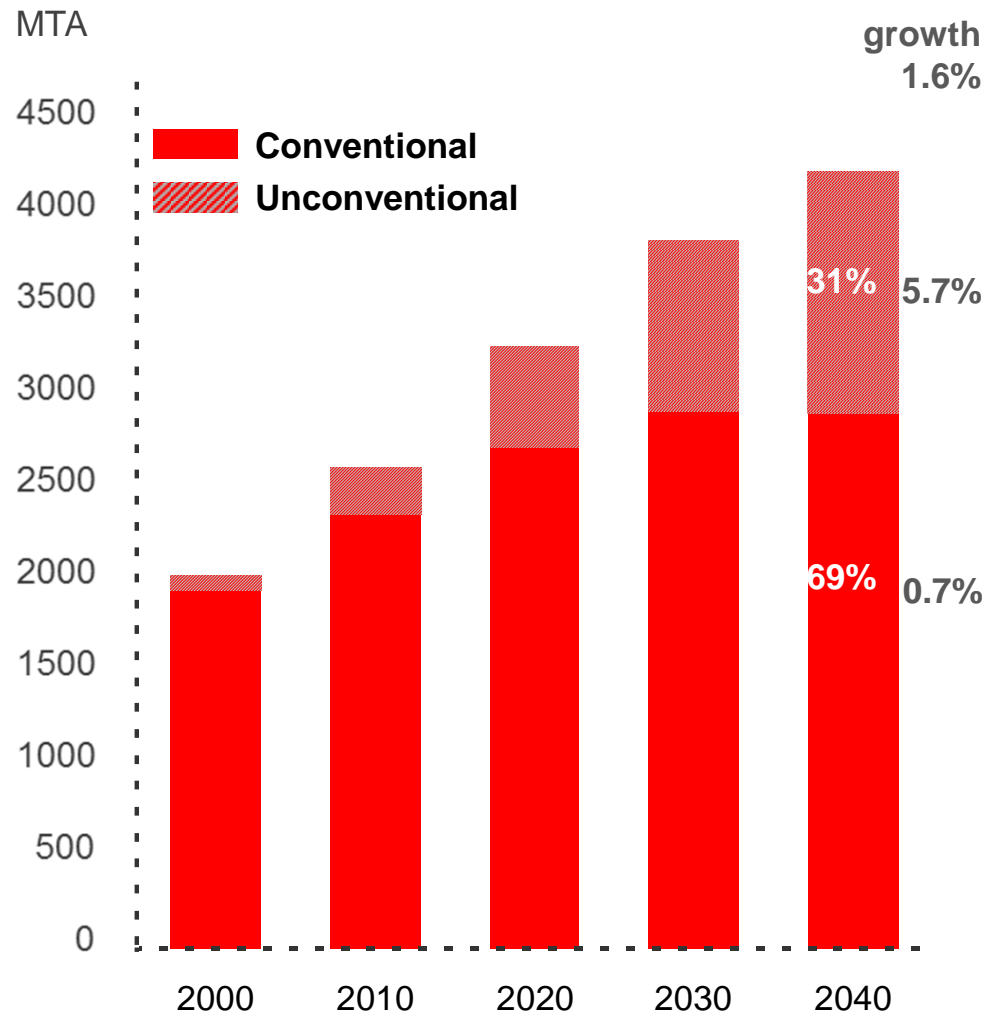
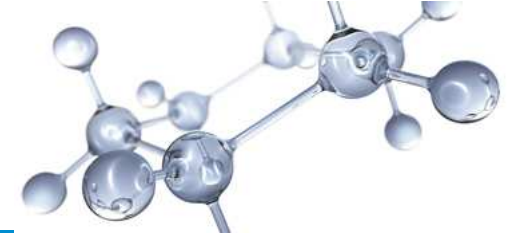


- World: ~250 years coverage at current demand
- Large unconventional gains anticipated

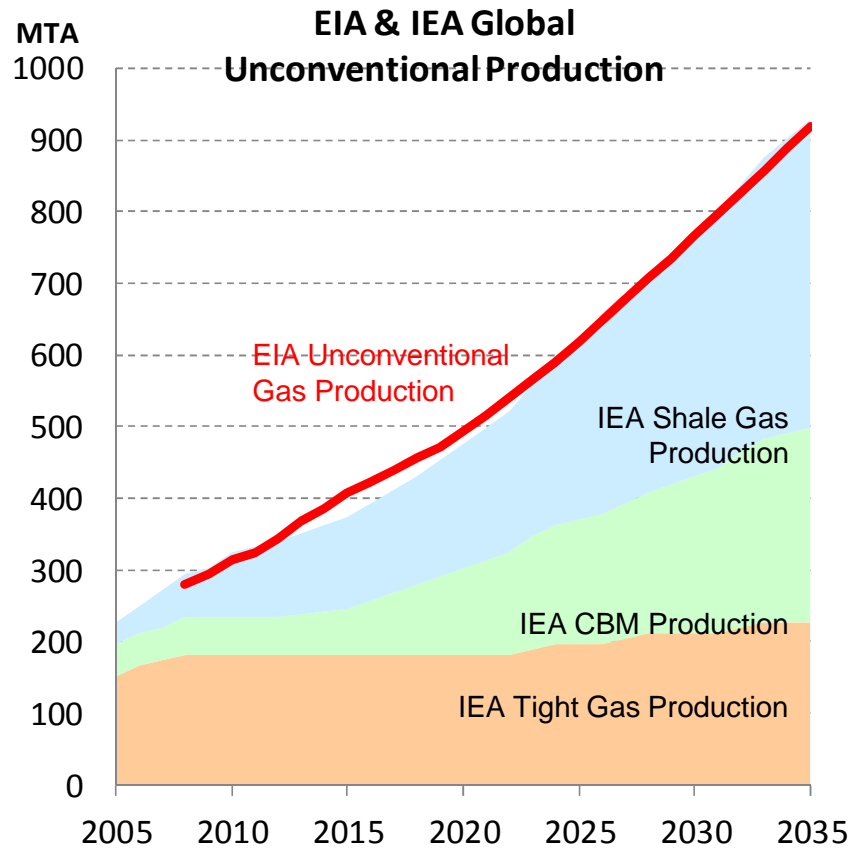
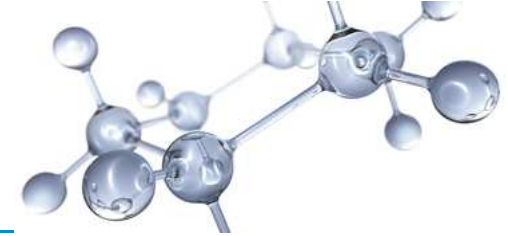


Source: IEA; \* Includes Europe Non OECD

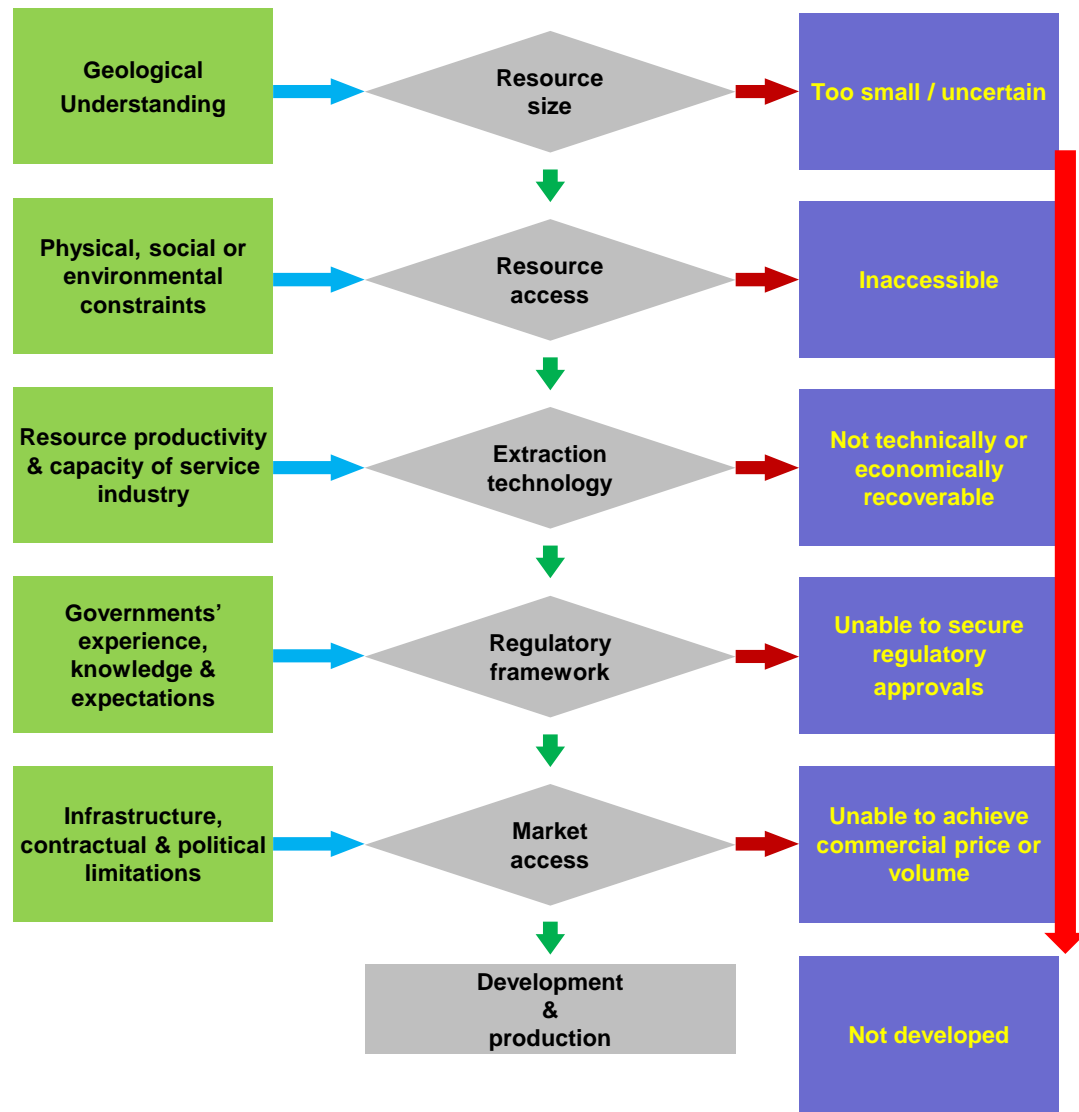
# Growing Unconventional Gas Production



# Unconventional Gas - Challenges



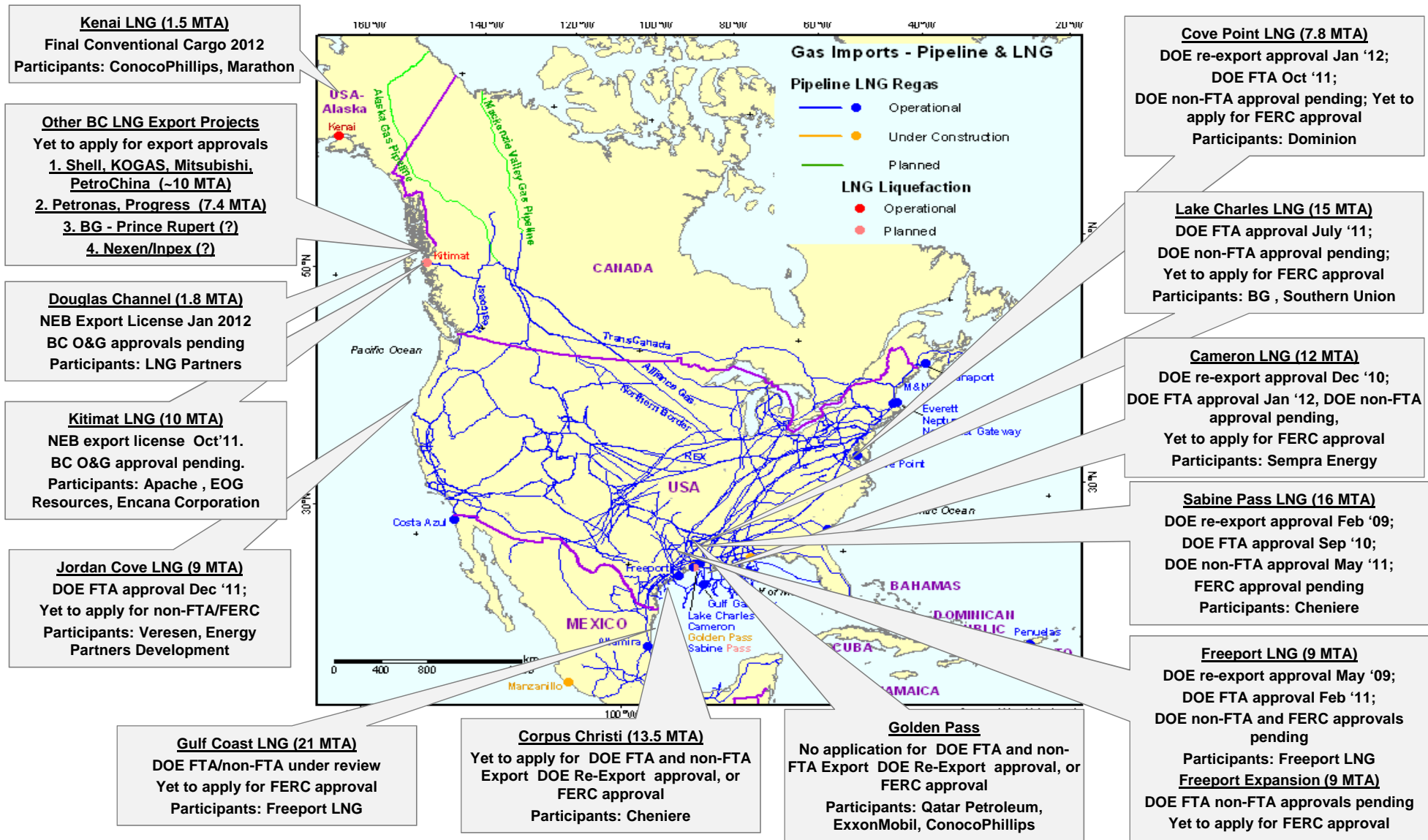
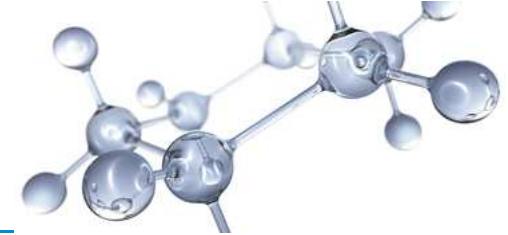
## Factors Determining the Viability of Natural Gas Developments



Factors influencing success and pace of development play as great a role in determining unconventional production as does the size of the resource endowment

Source: Adapted from IEA. World Energy Outlook 2011: Special Report –Are We Entering the Golden Age of Gas?

# Potential North American LNG Exports



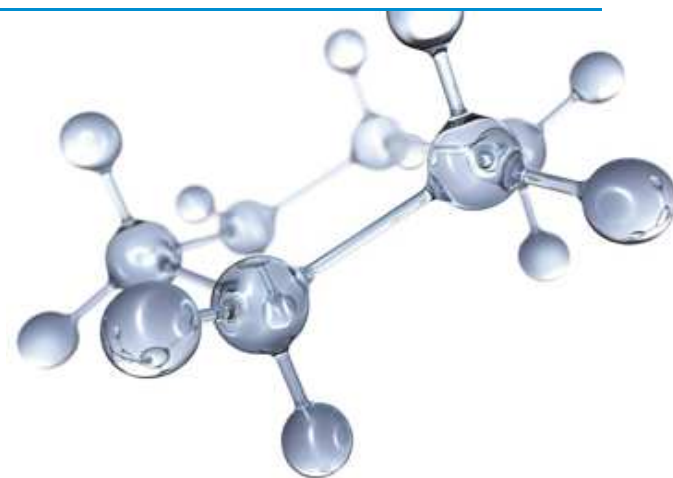
# Key Insights

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- Global energy demand is expected to grow about 30% in 2040 compared to 2010
  - OECD countries remain flat, economic growth offset by large efficiency gain
  - Non-OECD will grow by ~60% due to economic and population growth
- Fossil fuels continue to provide about 80% of the world's energy
  - Demand for coal will peak and begin a gradual decline while the use of gas and renewables will grow significantly
- Strong growth in natural gas by more than 60% through 2040 overtaking coal being the second position behind oil
  - Driven by power generation due to less emissions
  - Demand from Asia Pacific will grow the fastest, account about 30% of global natural gas demand by 2040
- Estimates of global unconventional gas resources and production continue to grow
- Asia continues to be the premium LNG market with significant growing demand

*Thank You*



Stephen S.F. Wong  
President  
Greater China/Japan Gas Marketing

Oil & Gas Energy Forum  
Taipei, July 4, 2012

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