

# “CENTRAL EUROPEAN GAS CONGRESS”

Organised by Slovak Gas and Oil Association

## “CENTRAL EUROPEAN COUNTRIES – NATURAL GAS SUPPLIES SECURITY”

By

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KUALA LUMPUR  
**2012**  
WORLD GAS CONFERENCE  
(4<sup>th</sup> to 8<sup>th</sup> June, 2012)



24<sup>th</sup> to 25<sup>th</sup> November, 2009  
Bratislava, Slovak Republic

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# 1. Brief on IGU Structure



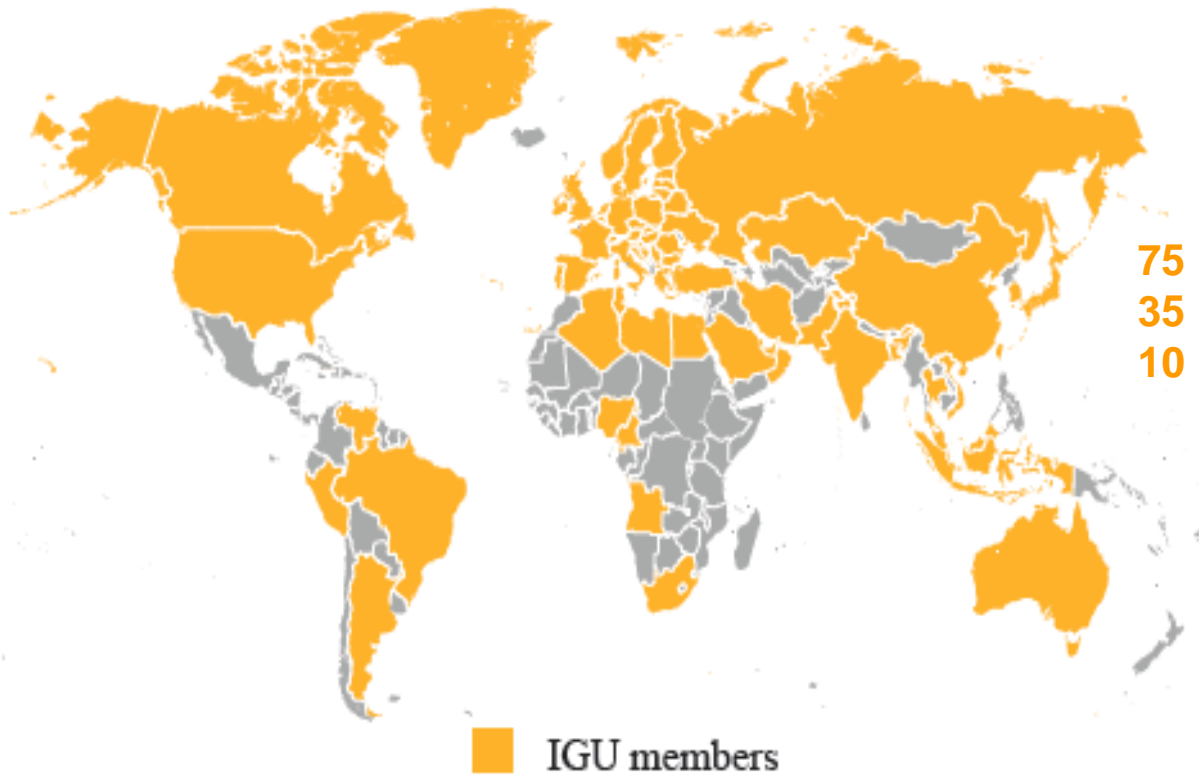
# IGU as **THE** spokesperson for the gas industry

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- World wide and non–profit organisation since 1931
- Promotes technical and economic progress of the gas industry
- Emphasising sound environmental performance
- Increased focus on strategic and policy issues
- Cooperation with IEA, United Nations, World Bank, IEF and others



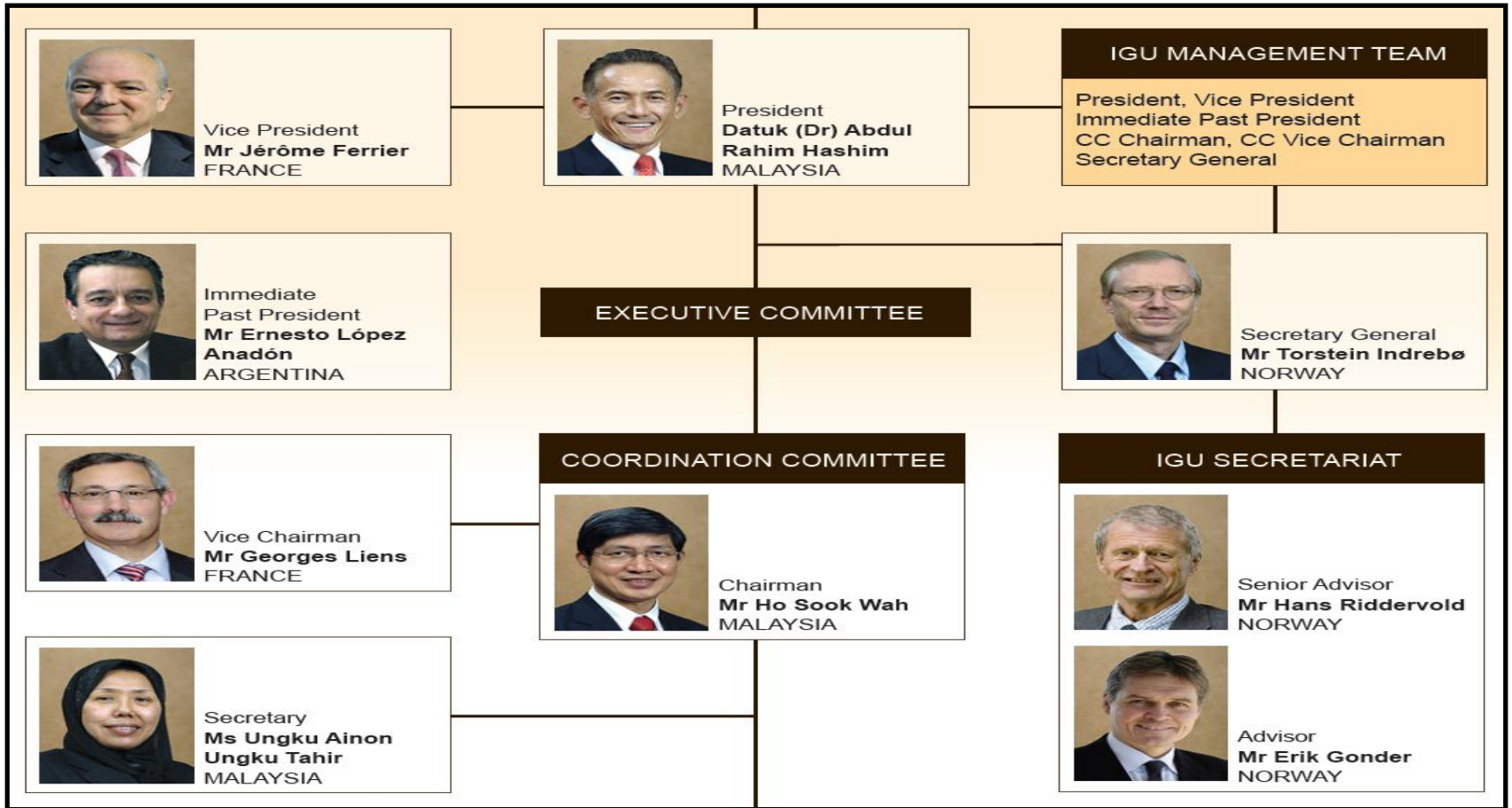
# IGU Members responsible for 95% of Global Gas Sales



75 Charter members  
35 Associate members  
10 Affiliated members

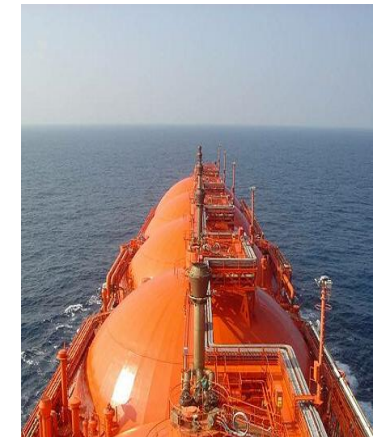


# IGU Organisation Chart for Malaysian 2009 – 2012 Triennium



# IGU Messages on Natural Gas

- Clean, efficient, versatile and environmental friendly
- Available and abundant
- Continue to play a substantial role in global energy demand
- Basis for sustainable economic growth



***Natural gas***

***– major part of the long term energy solution***



# The **THEME** of Malaysian IGU Presidency for 2009 – 2012 Triennium

## **“GAS : SUSTAINING FUTURE GLOBAL GROWTH”**

- Gas plays a vital role in meeting the world’s expanding energy needs, while helping to cut greenhouse gas emissions.
- The challenges facing the industry include:
  - Continue to position gas as the fuel of choice
  - Maximise value from the depleting resource
  - Provide for future sustainability from the economic, social, technical and environmental aspects in order to contribute to global economic growth.



## 2. Third Energy Package of the European Commission

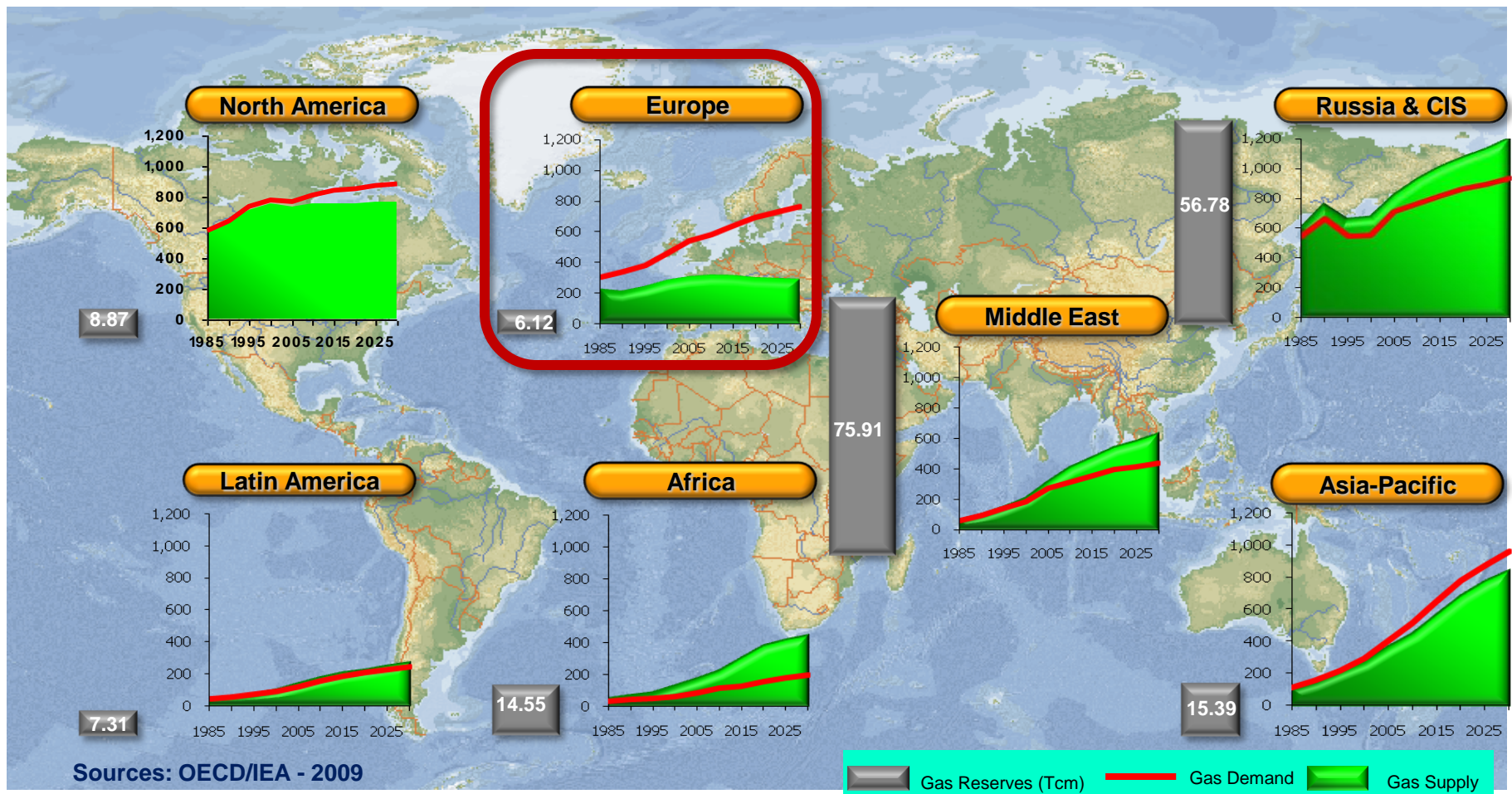
# Third Energy Package of the European Commission

- To create more choices, investment and security of energy supply.
- Competitiveness of market vis-à-vis “unbundling”
- Separation of gas value chain activities and electricity networks
  - a) Full ownership unbundling
  - b) The independent system operator (ISO); or
  - c) The independent transmission operator (ITO)

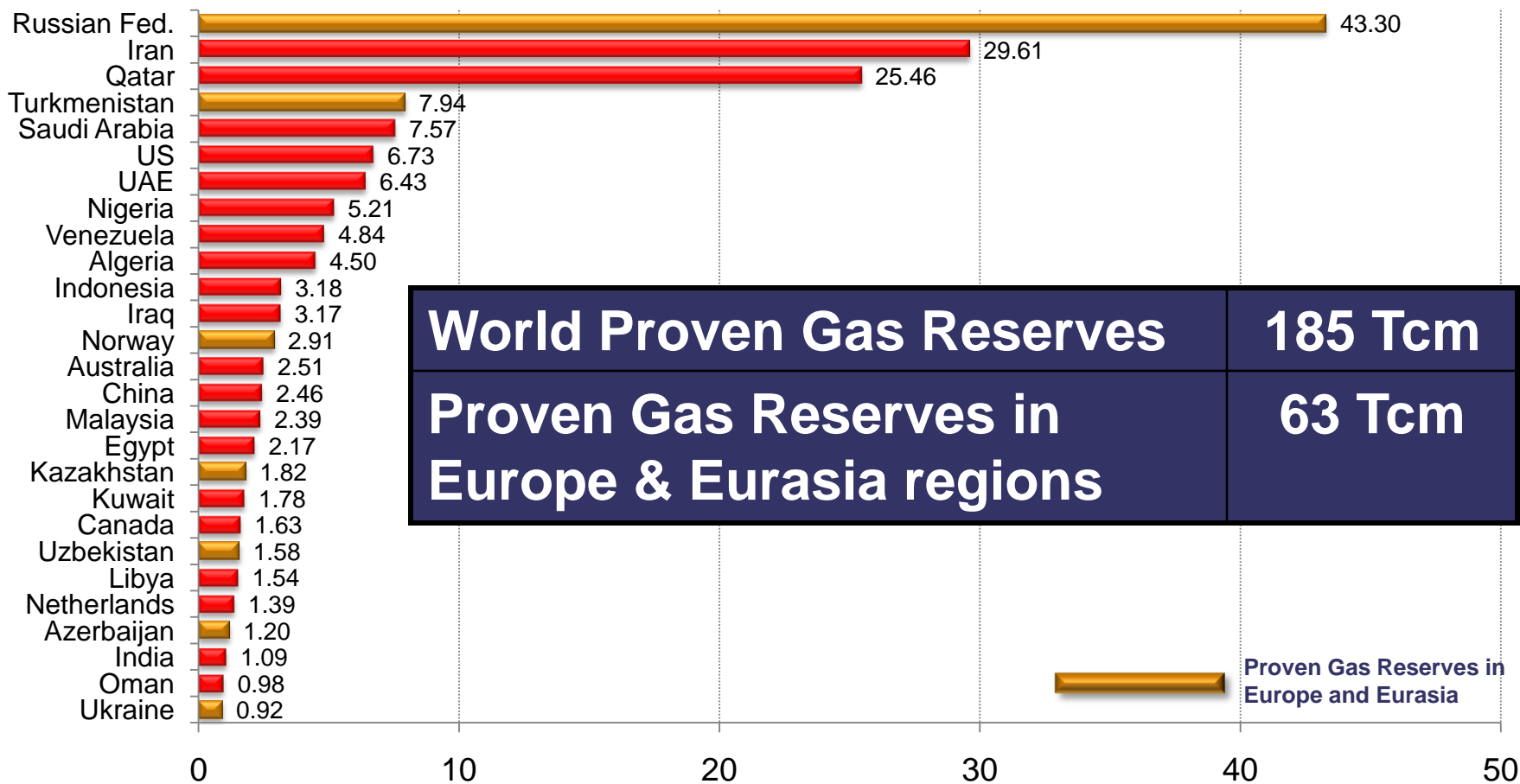
### 3. Issues of Natural Gas Supplies Security and Safety

# Global and Regional Gas Reserves and Supply-Demand Balance

- Middle East, Russia & CIS and Africa emerge as primary gas sources for future
- Europe and Asia Pacific to depend on these sources for security of gas supply



# Proven Gas Reserves by Countries



Source of Data: BP, "Statistical Review of World Energy", June 2009

## 4. Diversification of Gas Sources and Transmission

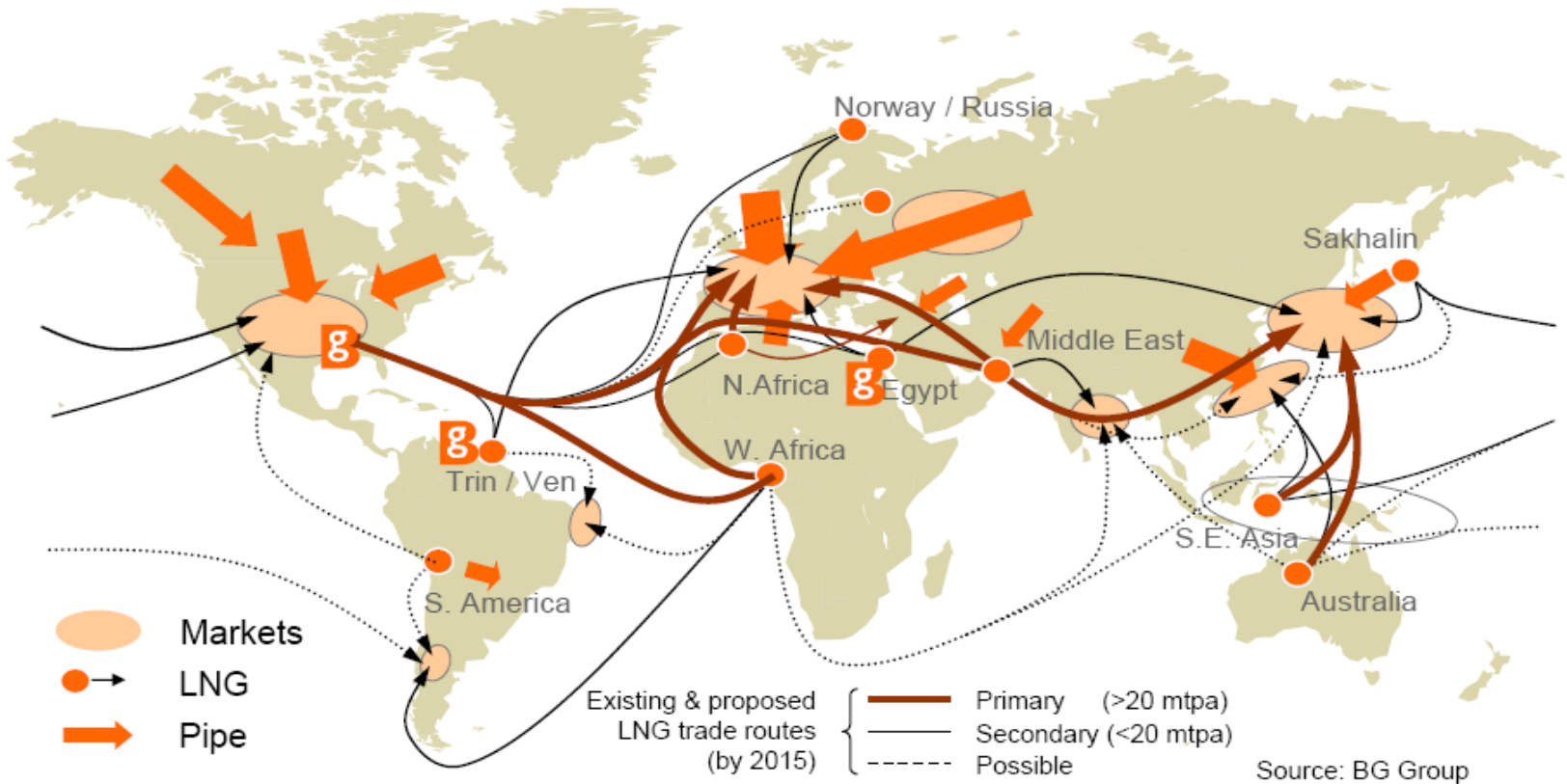
# Diversification of Gas Sources and Transmission Routes

- Enhancing security of gas supply from diversification of gas supply sources



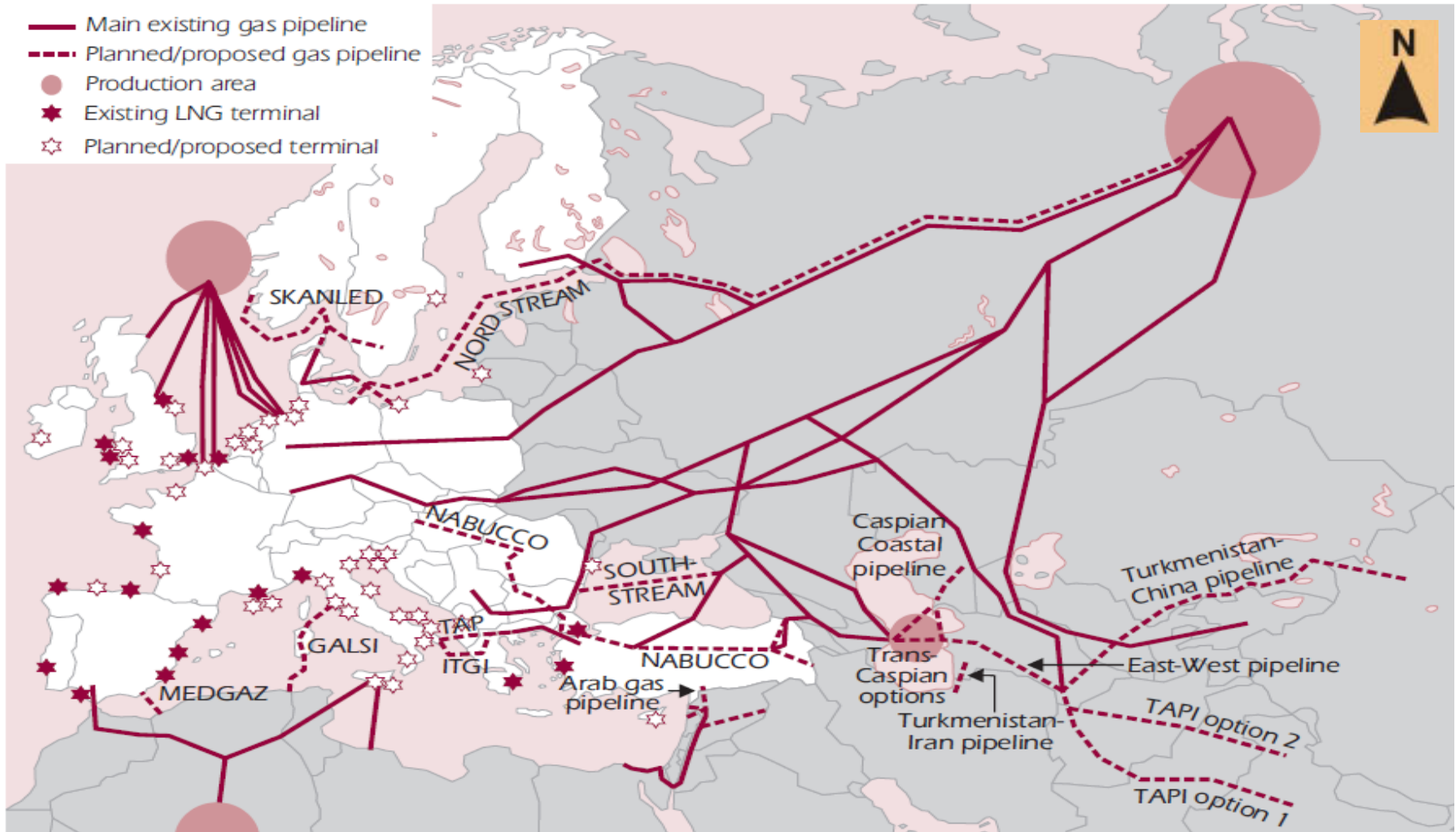
# A global gas trade is evolving

- LNG has increased breadth and depth of global gas trade



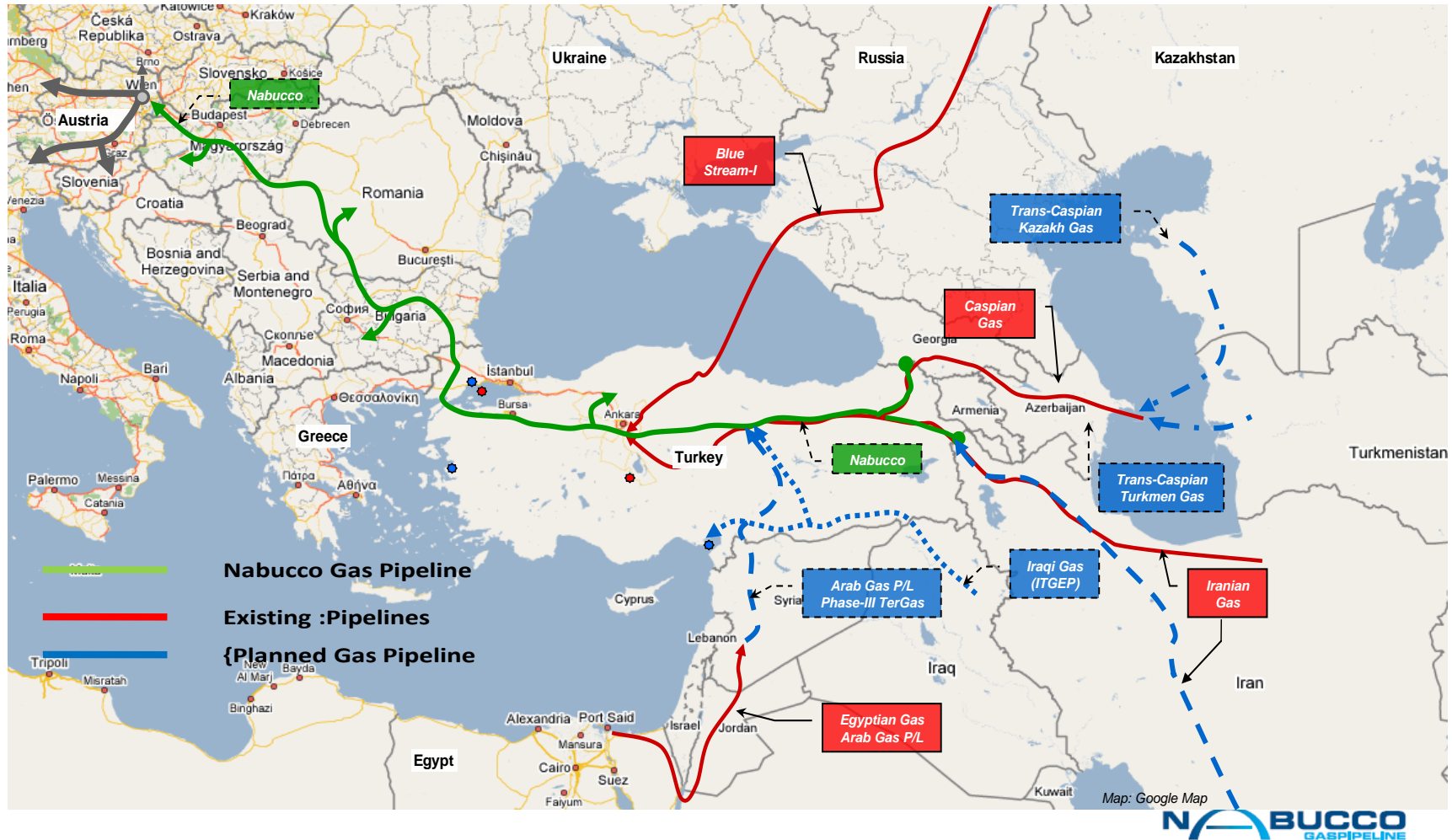


# Building Gas Supply Highways, Hubs and Regional Co-operation to enhance security of gas supply to Europe



Source: IEA

# Nabucco Gas Pipeline: Connecting Caspian Region and West Asia with Europe



## 5. Co-operation of the Central European Countries




# Co-operation of the Central European Countries

- The importance of inter-dependency on energy
  - Gas producing and consuming countries
- To promote “energy cooperation”, “spirit of goodwill”, “positive engagement,” and “win-win arrangement)
- Stable, geopolitically and economically conducive environments

# The Lisbon Treaty – signed and ratified by Czech Republic, Republic of Hungary, Republic of Poland and Slovak Republic

## Status of Ratification:

- Poland – 13 Oct 2009
- Czech Republic – 13 Nov. 2009
- Slovakia – 24 June 2008
- Hungary – 6 Feb. 2008

 Countries in EU where the Lisbon Treaty has been ratified



## 6. Concluding Remarks

# **Key Challenges: To secure, reliable, affordable energy services with minimal environmental impact**



# The other challenge is to turn issues on natural gas supplies security and safety into new opportunities

- Many challenges facing the gas industry
  - Financing gas infrastructure that are capital intensive
  - Addressing issues relating to climate change
  - Geo-politics
- Turn challenges into opportunities
  - Forging Energy Co-operation and Dialogue at different G-to-G; G-to-B and B-to-B levels to secure sources of diversified gas supply;
  - Leveraging on technology to enhance security of future gas supply via commercialising non-conventional gas resources
  - Natural Gas will continue to be 'fuel of choice' as be part of the long-term energy solution



# 25<sup>th</sup> World Gas Conference



**“GAS – SUSTAINING FUTURE  
GLOBAL GROWTH”**

**Kuala Lumpur Convention Centre  
4 to 8 June, 2012**



**CHARMING COUNTRY, COLOURFUL CITY**



# Thank You !

SEE YOU IN KUALA LUMPUR  
25<sup>TH</sup> WORLD GAS CONFERENCE & EXHIBITION  
4 to 8 JUNE. 2012



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