

gasunie

takes gas transport further

## Gas Infrastructure Needs in Europe and their impact on global gas markets

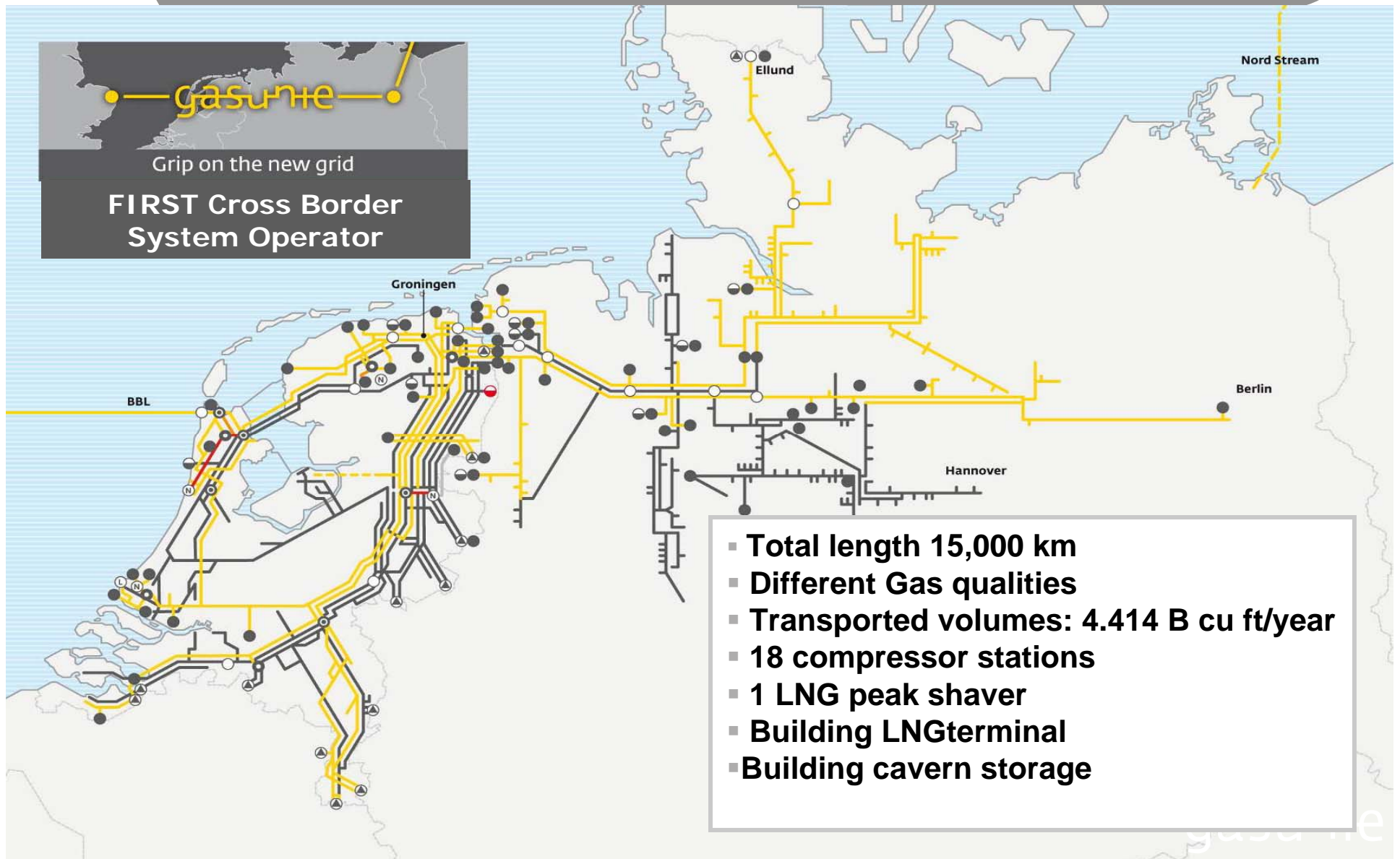
Marcel Kramer, Chairman of the Board and CEO

Caracas, April 2009



Groningen, 4/17/2009

# Gasunie: major European gas transport & infrastructure company

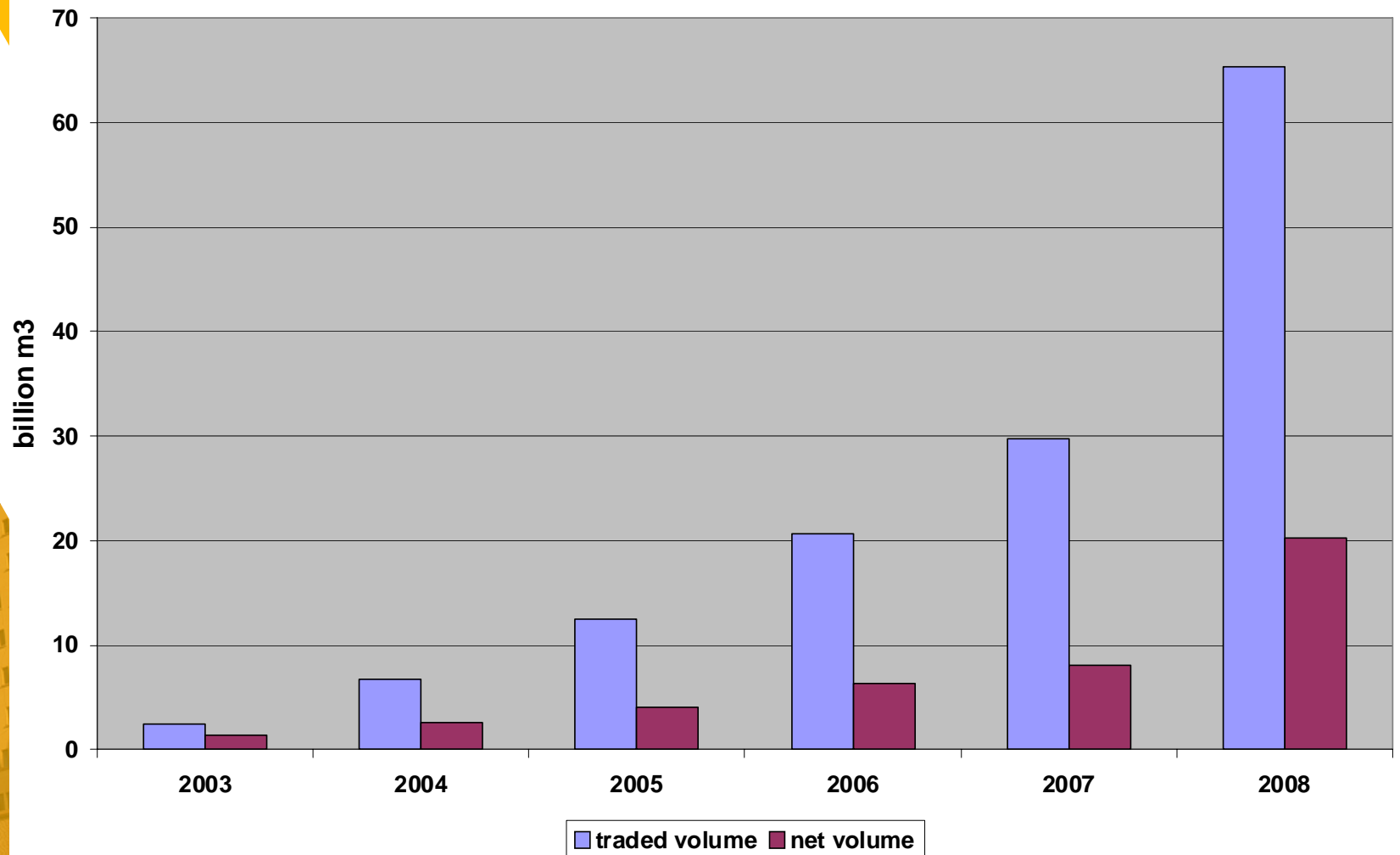


# Gasunie is well positioned Connecting Europe with the Global Gas Market

## The European Gas Roundabout Concept

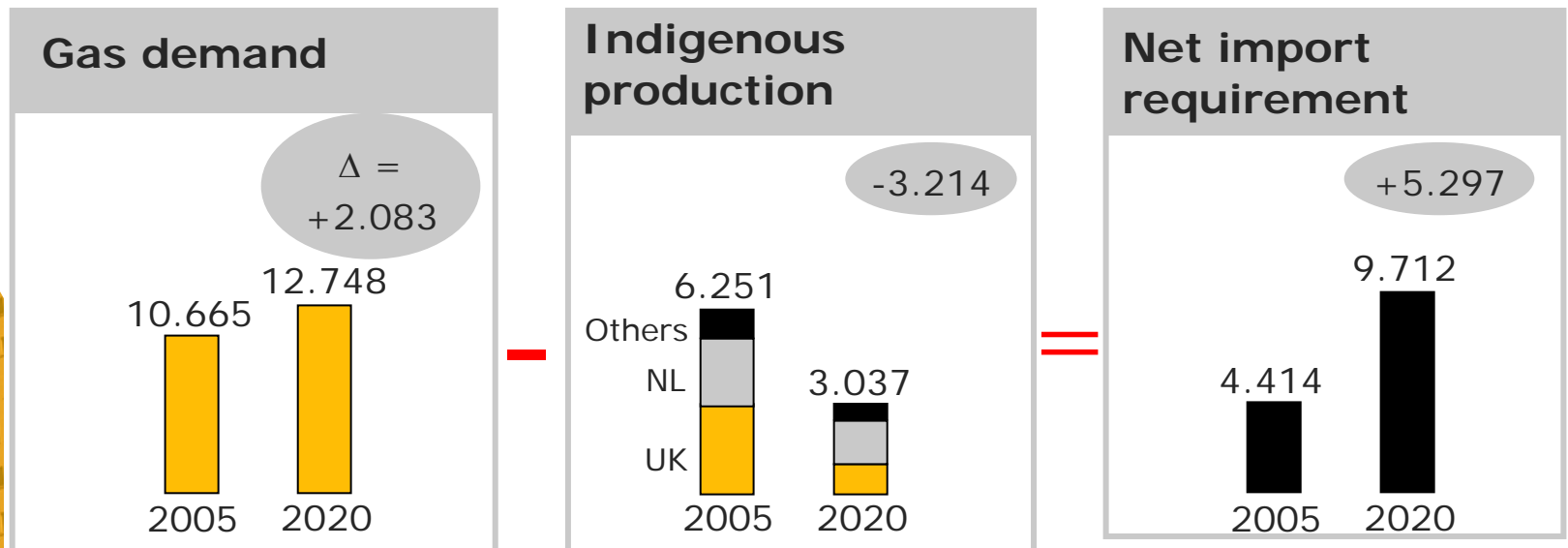


# TTF volume developments (virtual market place)



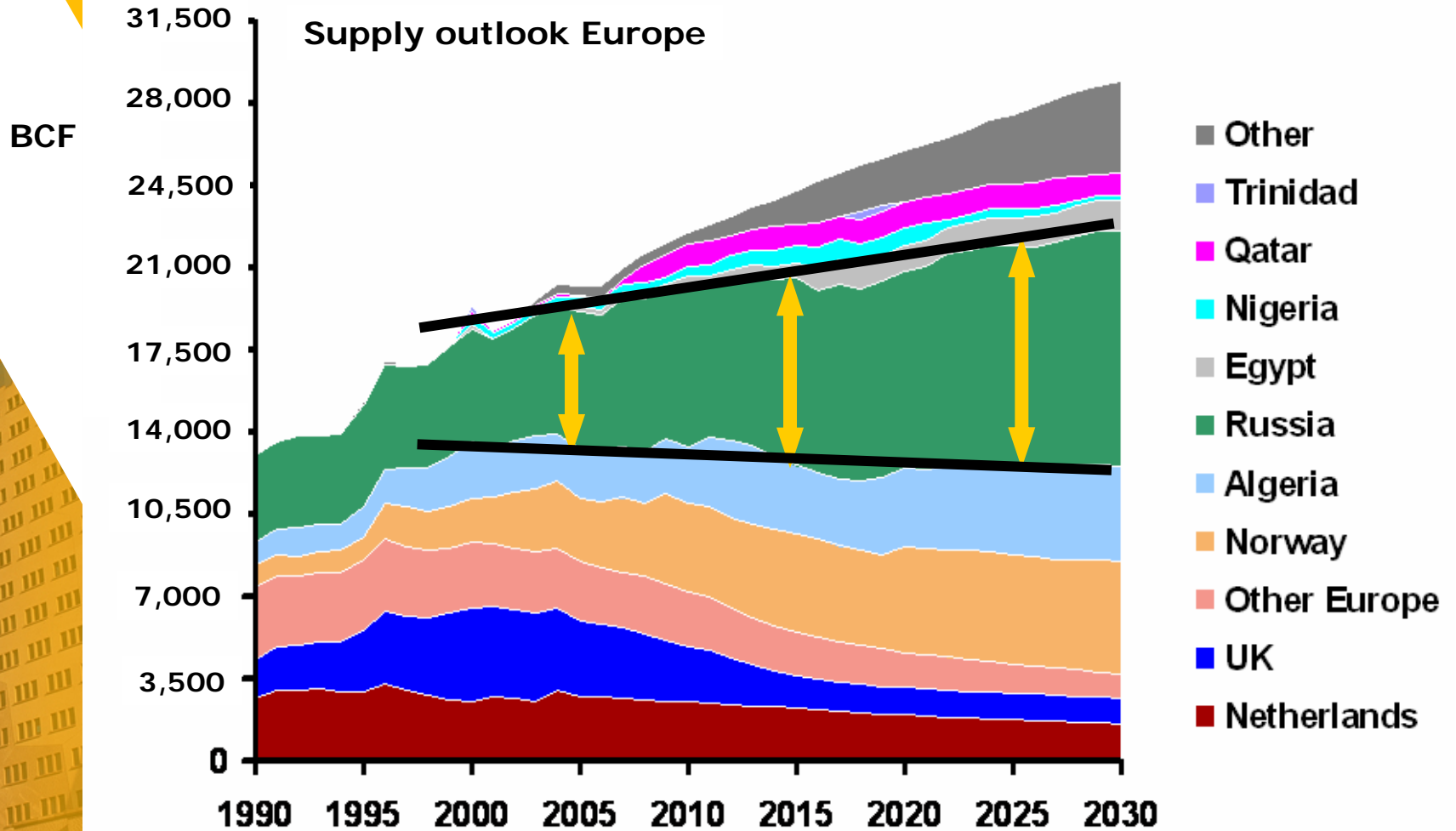
# Supply-Demand Balance in Europe changes dramatically in the nearby future

**5250 BCF (150 BCM) additional imports needed in NW-Europe alone by 2020**



Units: BCF/yr

# Russia is an important supplier for Europe



# Announced gas infrastructure projects in NW-Europe total over \$ 30 billion

## Pipelines

\$ 15 billion



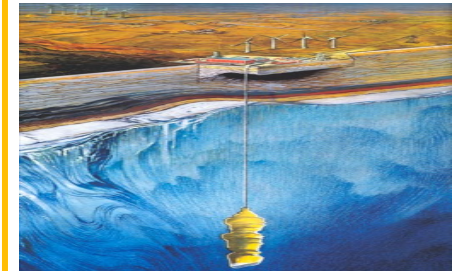
## LNG receiving terminals

\$ 7,5 billion



## Storages

\$ 10 billion

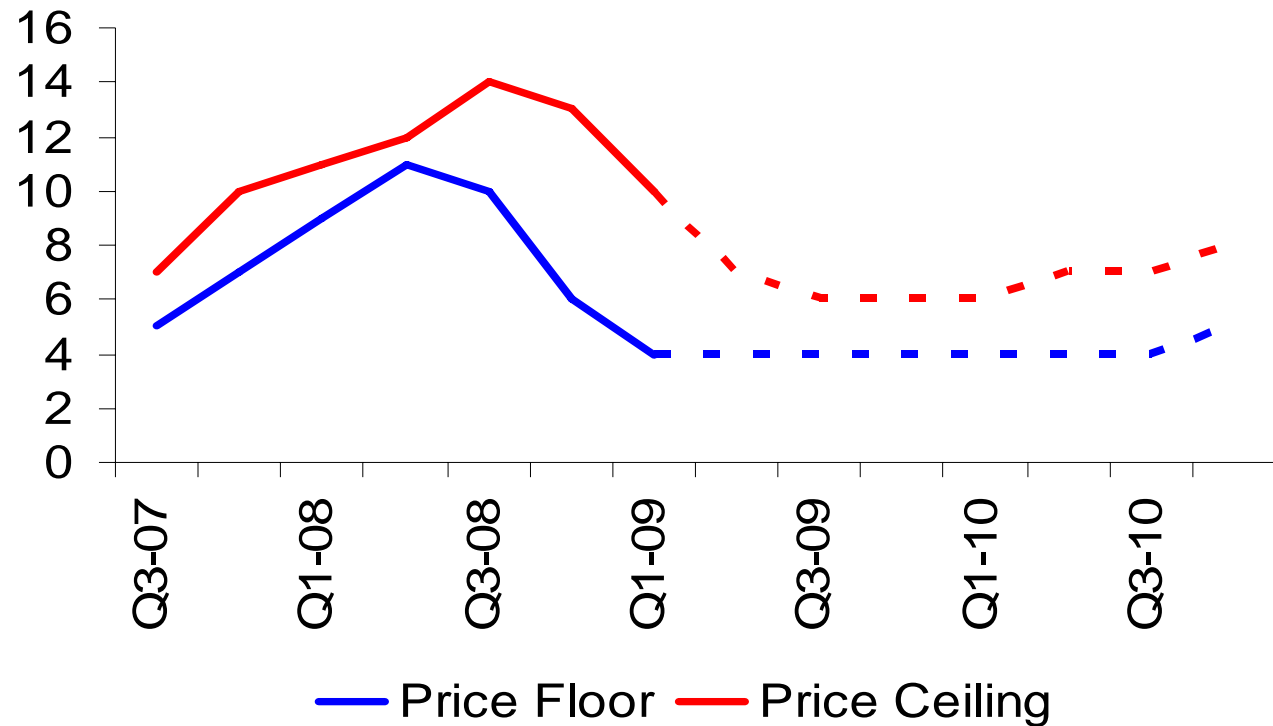


# Europe LNG Terminals



# Outlook Atlantic LNG Prices

The European Market consistently forms the price ceiling in the Atlantic LNG price outlook



# INFRASTRUCTURE AT A TIME OF FINANCIAL CRISIS

## ISSUES FROM RECENT EXPERIENCE

# CLEAR EVIDENCE OF INCREASED COMPETITION FOR FINANCING-DESPITE REDUCTION IN PROJECTS

# TRANSPARANCY AND SOLID LONG-TERM ARRANGEMENTS FOR UTILISATION AND THROUGHPUT ARE IMPORTANT

# CURRENCY CONVERTIBILITY AND ARBITRAGE UNDER INTERNATIONAL LAW-NO BANK WANTS TO BE LAST IN LINE (AT NORMAL LENDING COSTS)

# PREDICTABILITY OF FISCAL REGIME?



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**Thank you for your attention –  
Muchas Gracias !**



Groningen, 4/17/2009

# Gasunie : The Attractive Gateway to Europe

