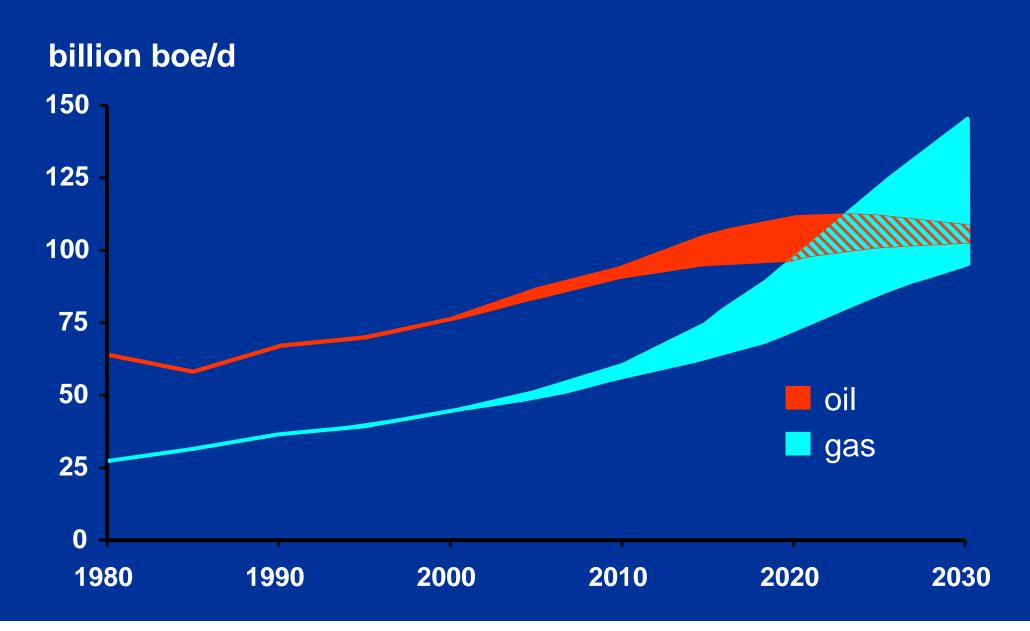
# Energy Policy – Security of Supply

28th October 2004

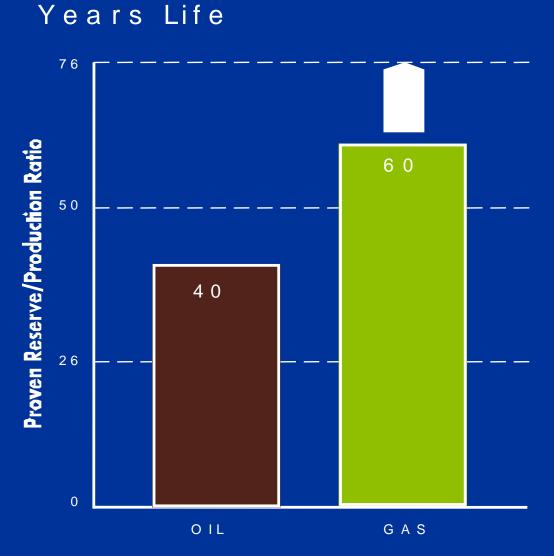
**Kieron McFadyen Technical Director, Exploration & Production – Europe Director, Shell U.K.** 



# Gas – the fuel of the 21st century

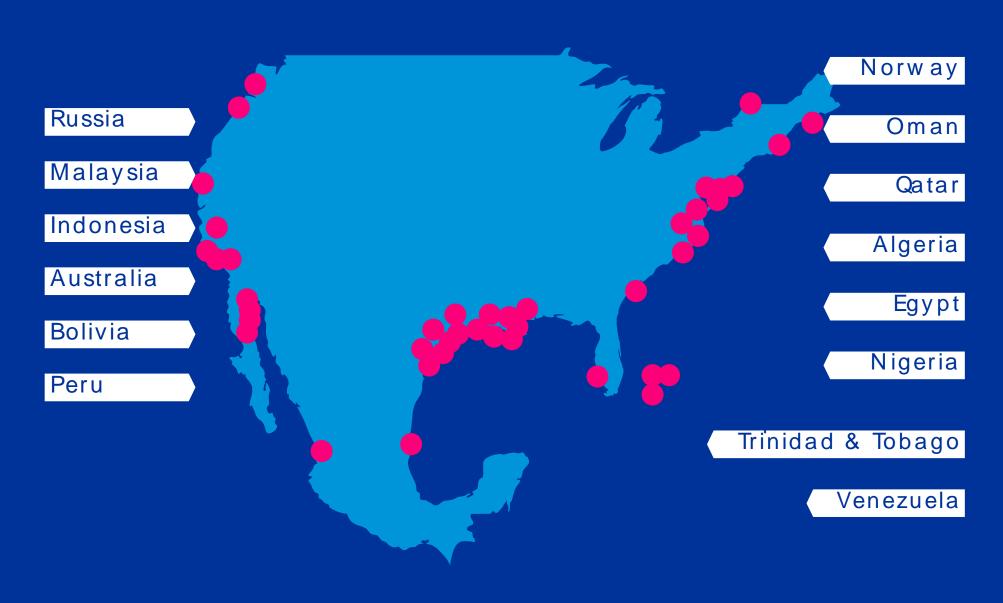


### Comparison of remaining global gas & oil reserves

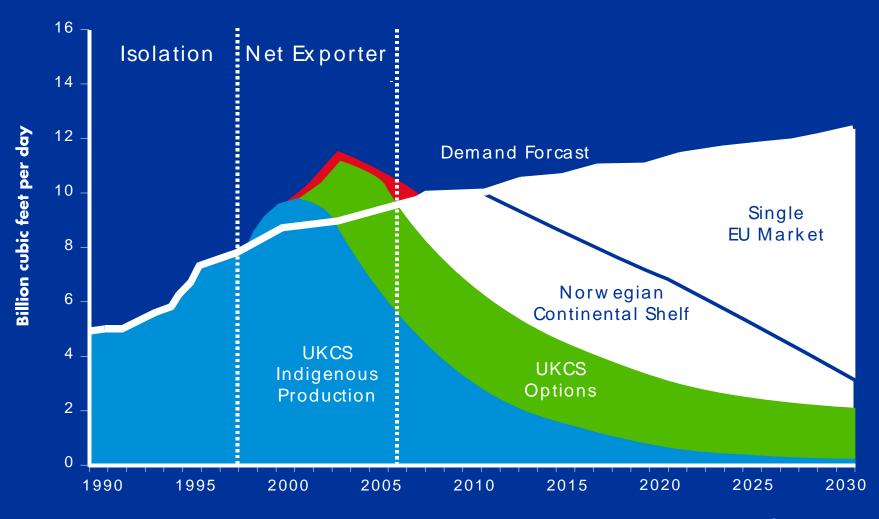


Global gas reserve is 50% higher than oil at some 60 years of current demand

# Gas is Travelling



### U.K. net importer of Gas by 2005/06

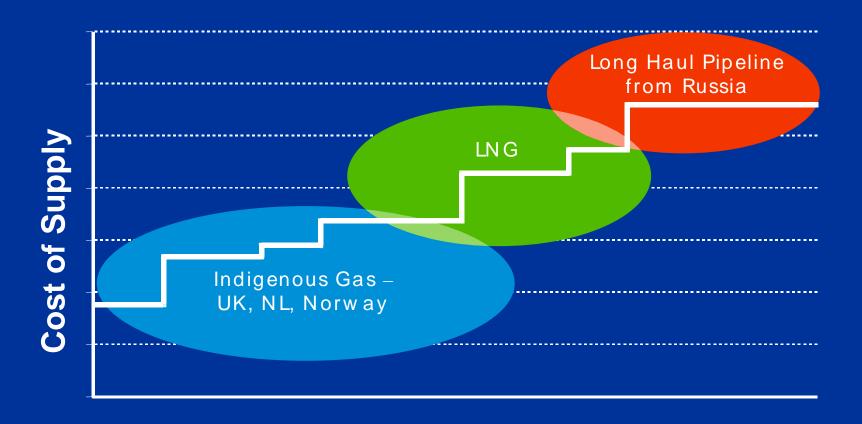


Source: BP

# UK 22<sup>nd</sup> Licensing Round... Industry pushing the boundaries



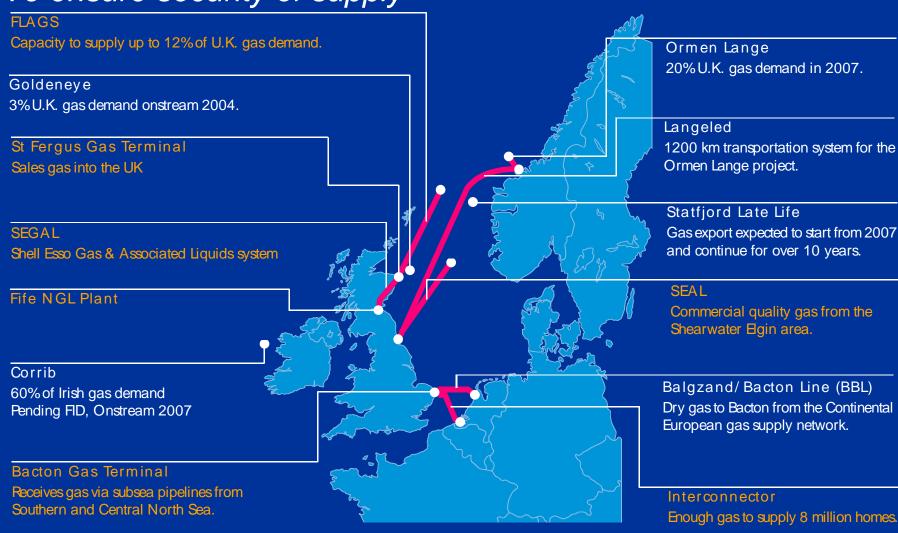
#### Natural Gas Supply – UK Options



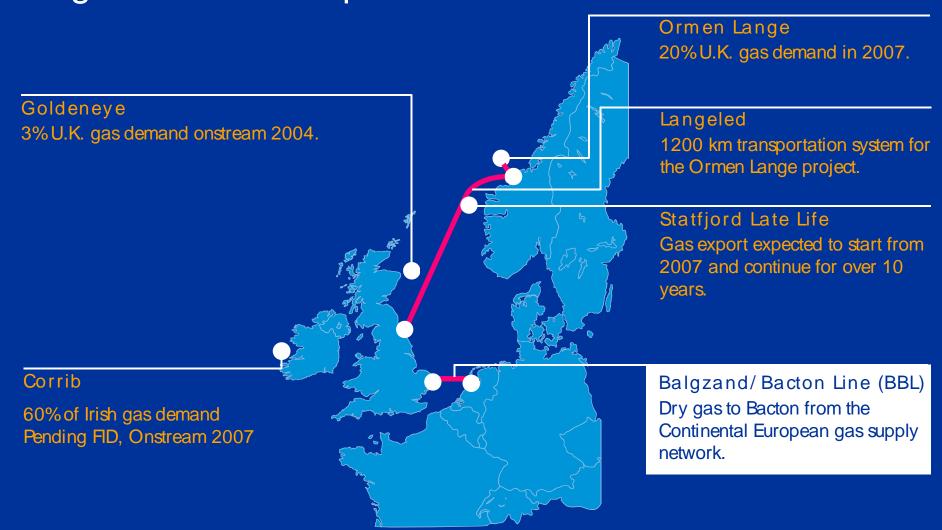
Shell EP focus is on European Pipeline Gas

Investing...

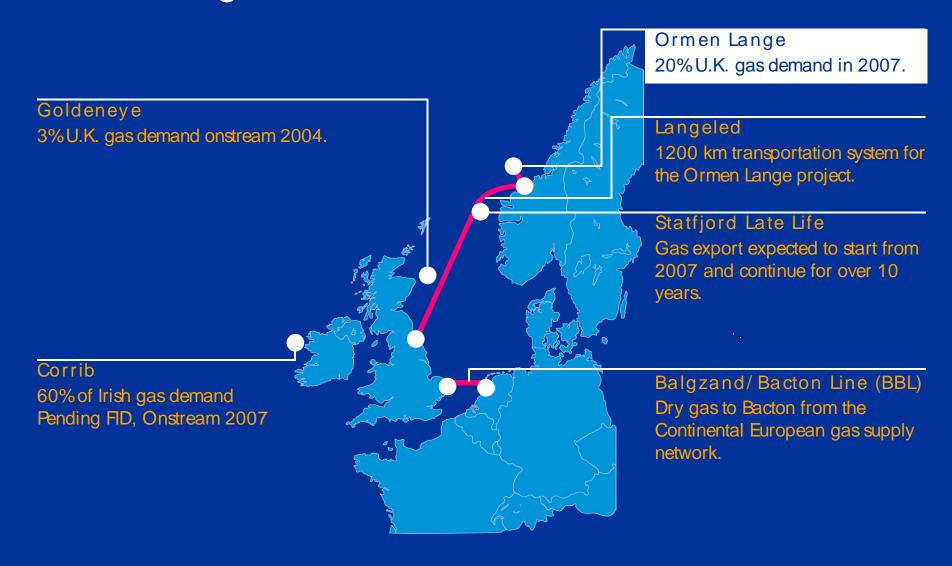
To ensure security of supply



# Example of Cross-Border Integration... Balgzand/Bacton Pipeline



# Example of Cross-Border Integration... Ormen Lange

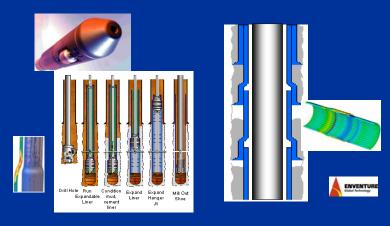


# Technology – now and for the future

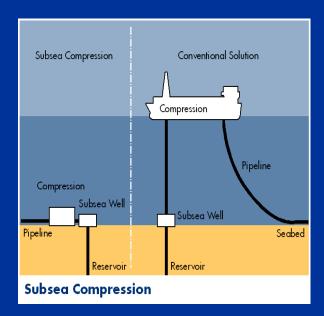


Low Cost drilling



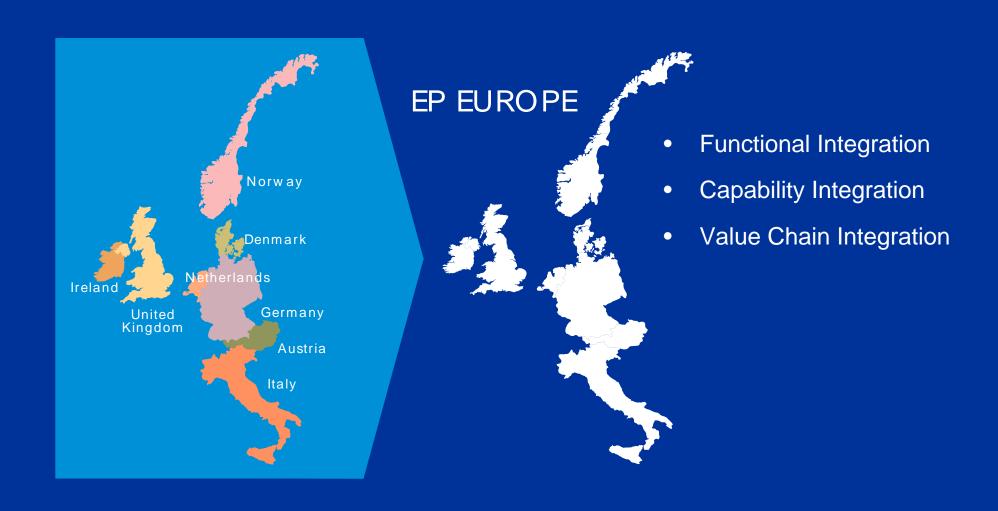


Solid Expandables
And Mono Diameter Wells



Subsea Gas Compression

# Dissolving internal borders, improving efficiency



# **Integrated Decision Making**



The cross-border challenge is next