



Is there a role for natural gas in a green future?

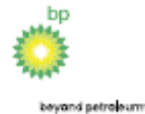
Dr. Phil Hare

Sparks and Flames 2008

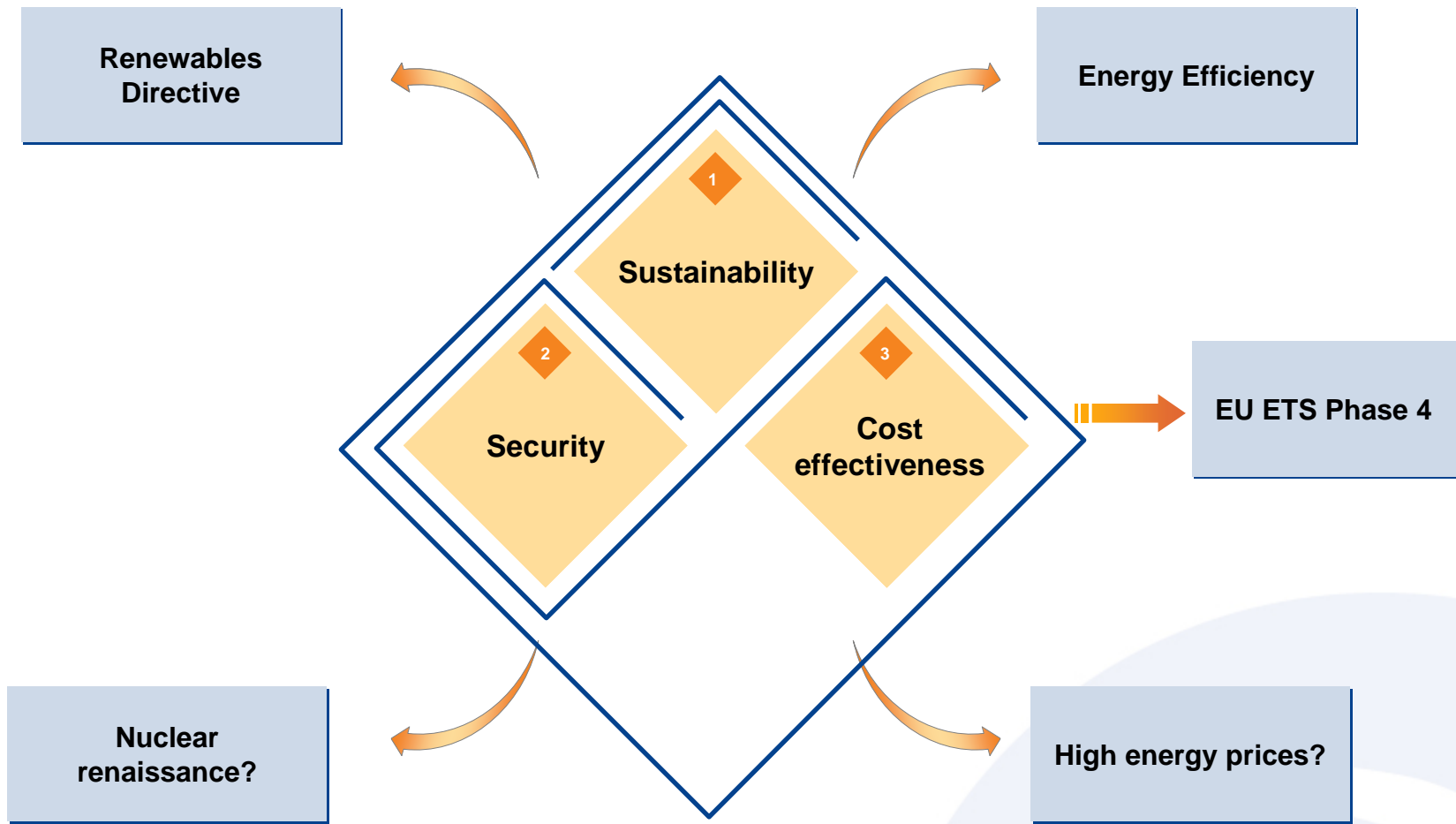


Gas is clean and can sort out most of the problems of the world... or at least it was

One 🟡 way 🔵
out of the energy
fix 🟦 is an ☀️
energy 🌱 mix.



Future market dynamics



Energy efficiency

EC Directive 2006/32

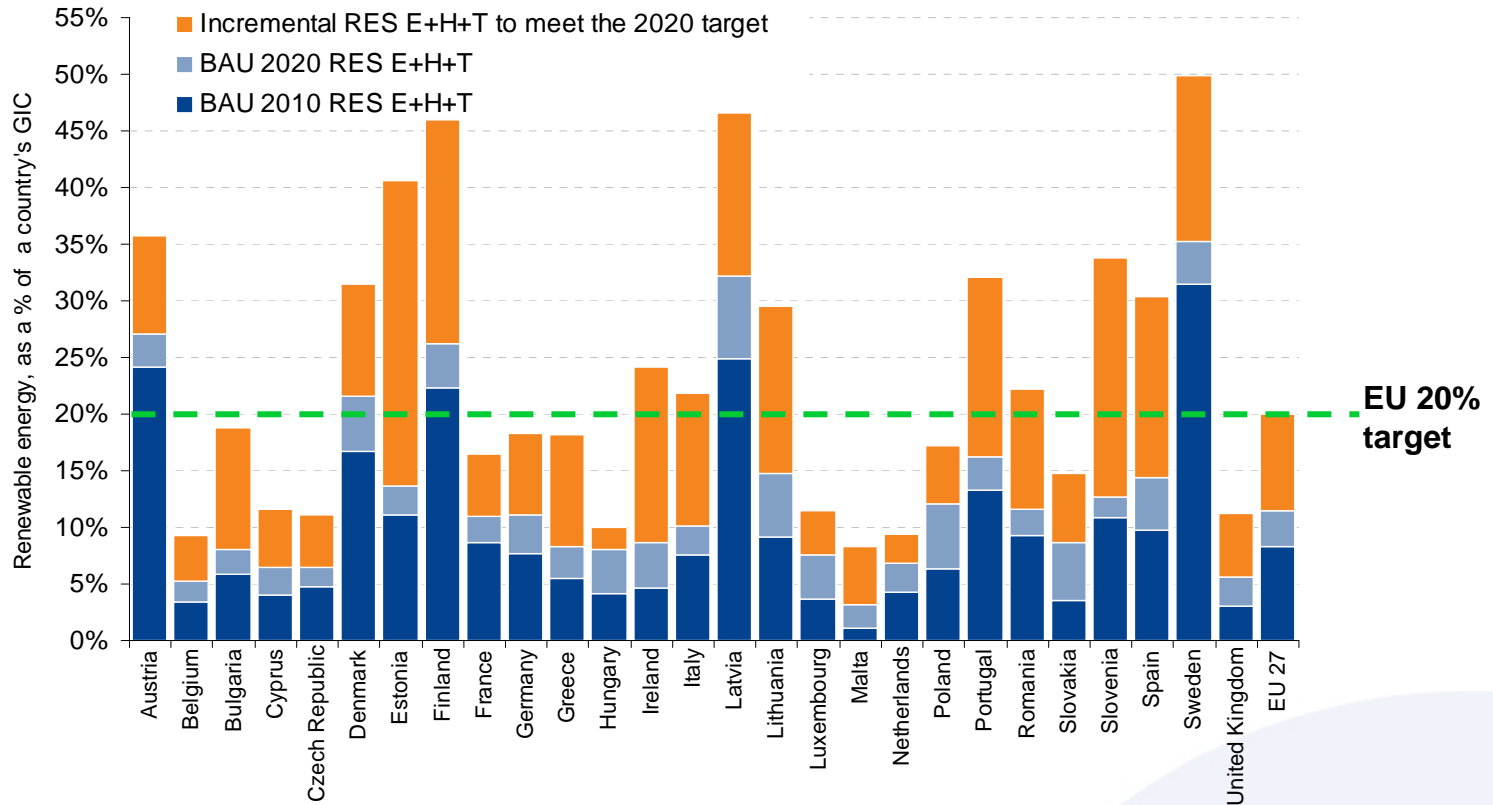
Energy efficiency is **difficult** to achieve...

‘Although the Action Plans provide some encouragement, there appears to be a gap between the political commitment to energy efficiency and the proposals aimed at facing up to these challenges.’

EC Memo/08/32 23 January 2008



Renewables

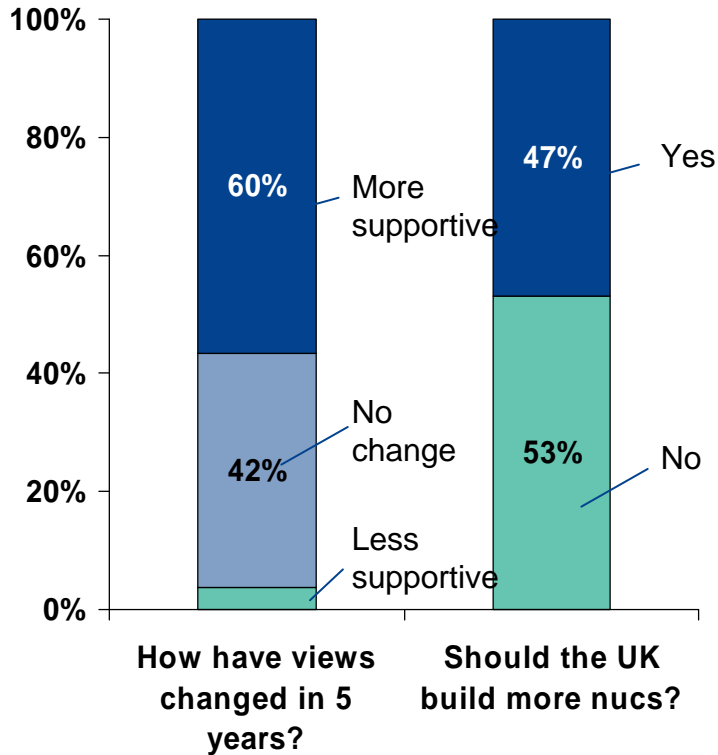


Pöyry analysis of 2020 targets

Signals from the carbon market

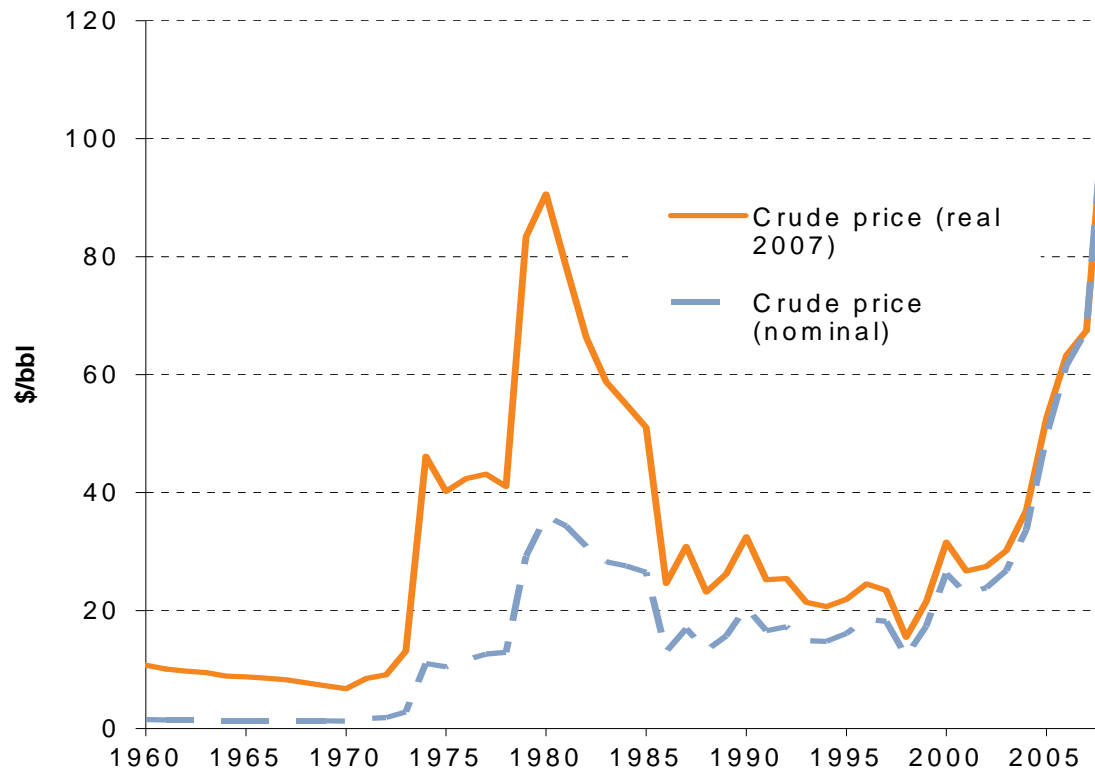


Nuclear sector could really make a difference... couldn't it?

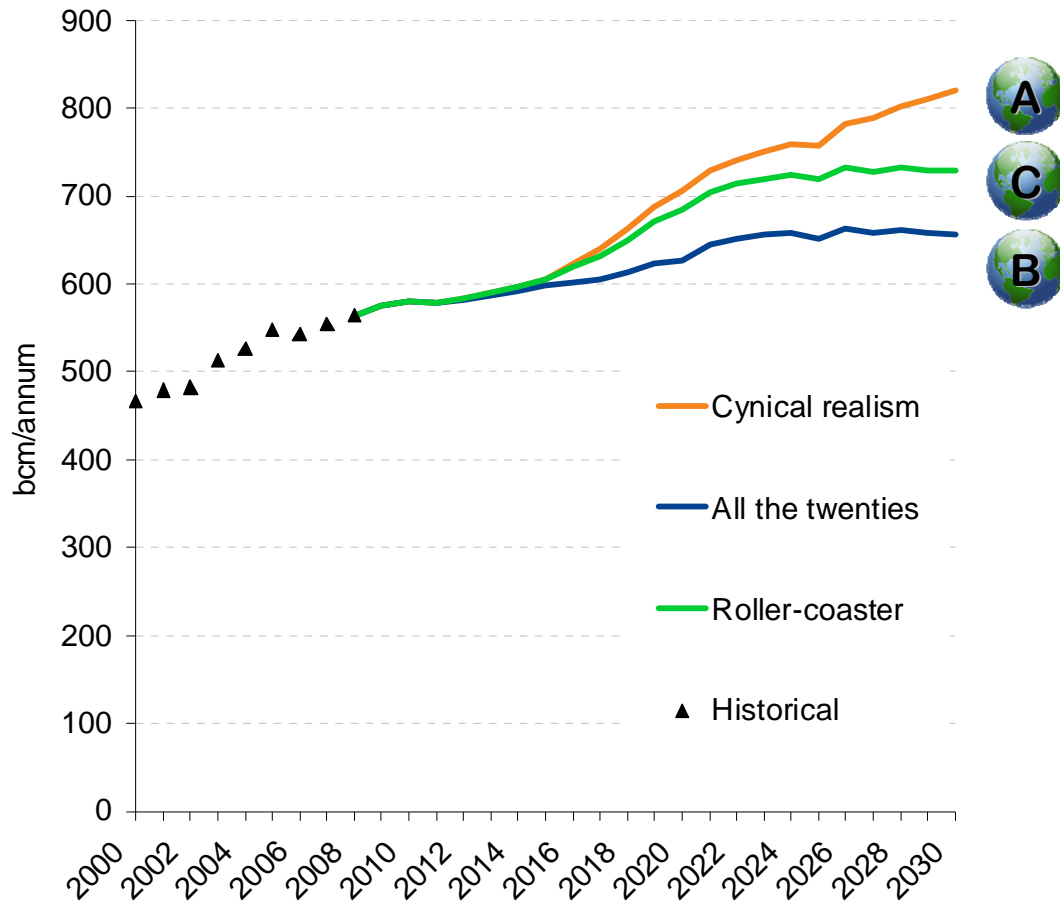


UK public opinion

High energy prices

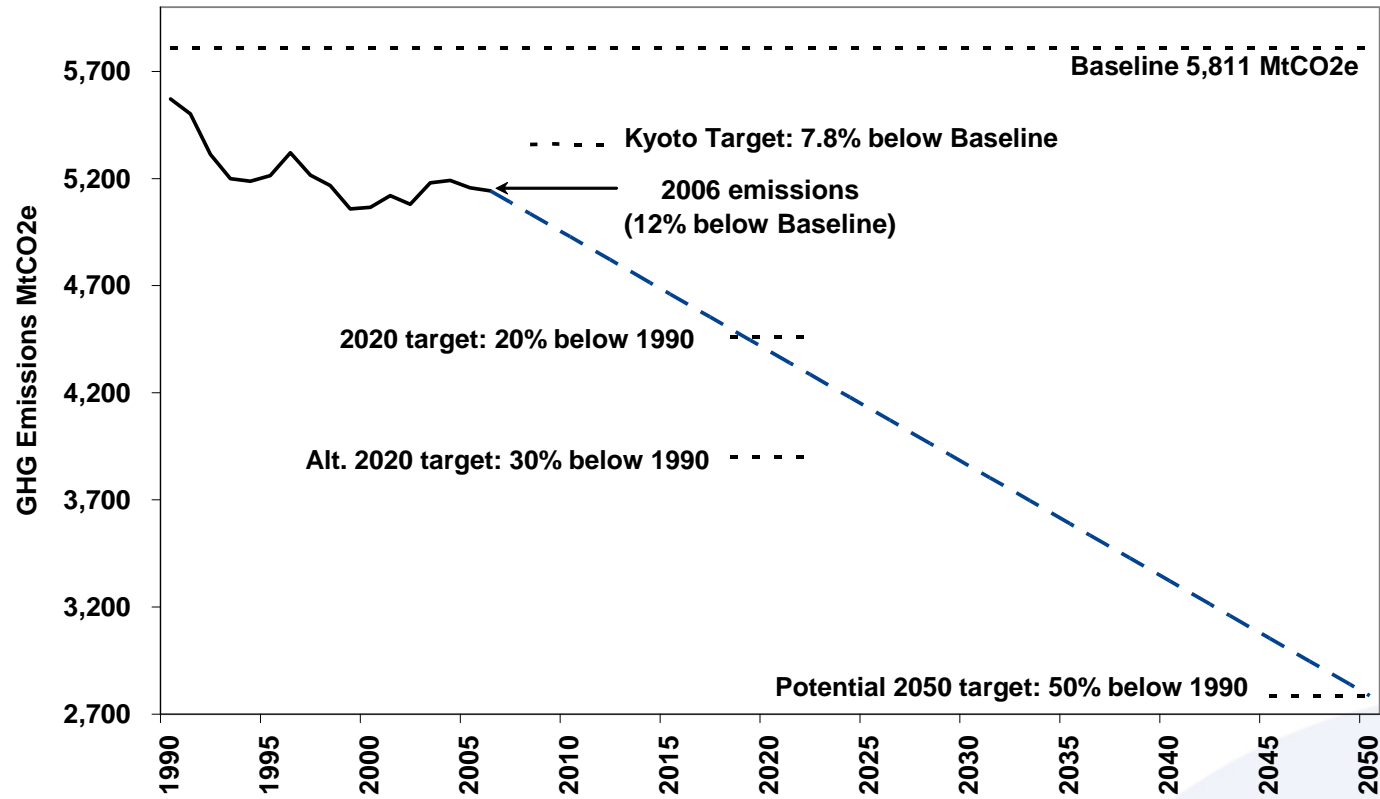


Could gas demand flatten?



- ‘Cynical realism’ implies gas demand rising to over 800bcm/year by 2030
- ‘Roller-coaster’ gives gas demand of 725bcm by 2030
- ‘All the twenties’ gives gas demand of 650bcm by 2030

... but what happens after the end of the chart....



... real possibility for gas feeling the squeeze...



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