BP Statistical Review of World Energy June 2014

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Energy in 2013: Taking stock

Christof Rühl, Group Chief Economist





Outline

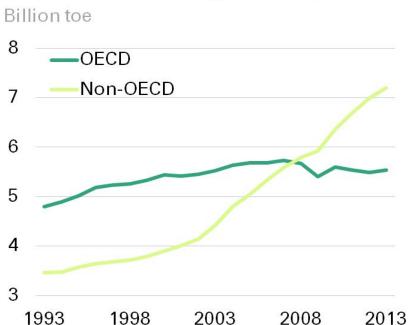


- Introduction
- Energy and the economy
- Fuel by fuel
- Concluding remarks

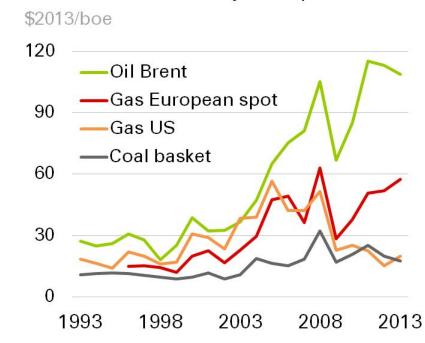






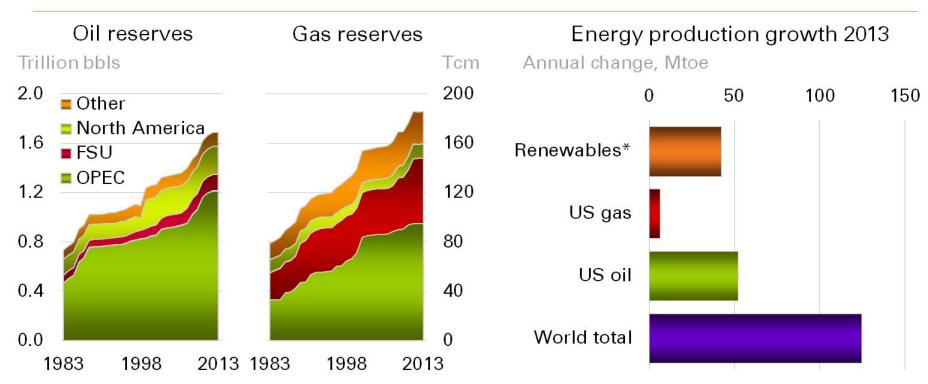


Inflation adjusted prices



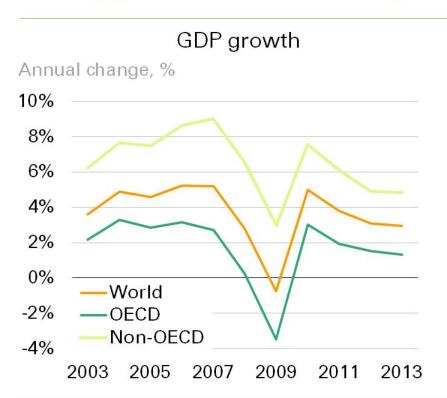
Reserves and new sources of energy supply

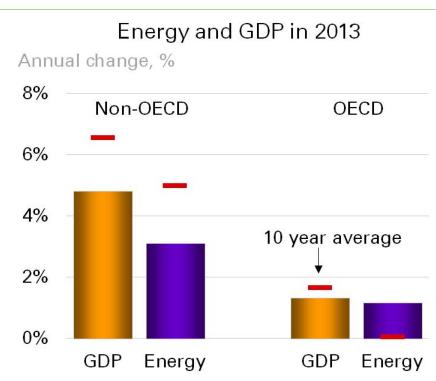








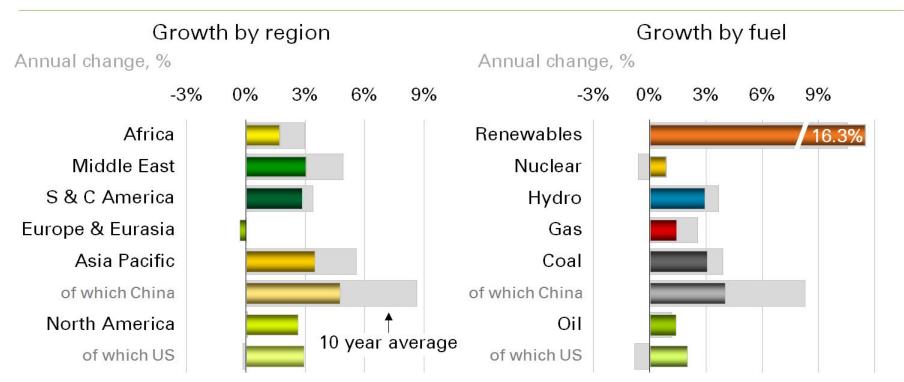




Source: includes data from Oxford Economics

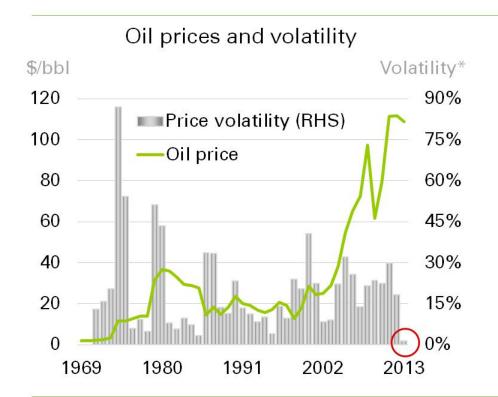
Energy consumption in 2013



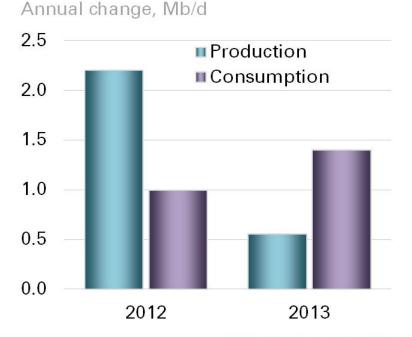


The oil market in 2013





Production and consumption growth

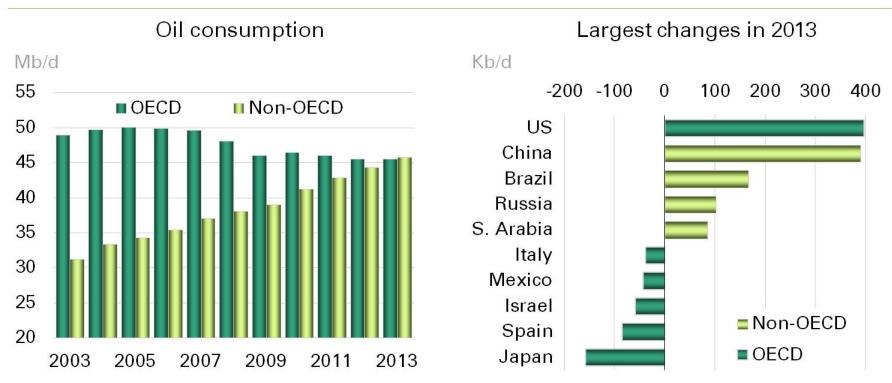


Source: includes data from Platts

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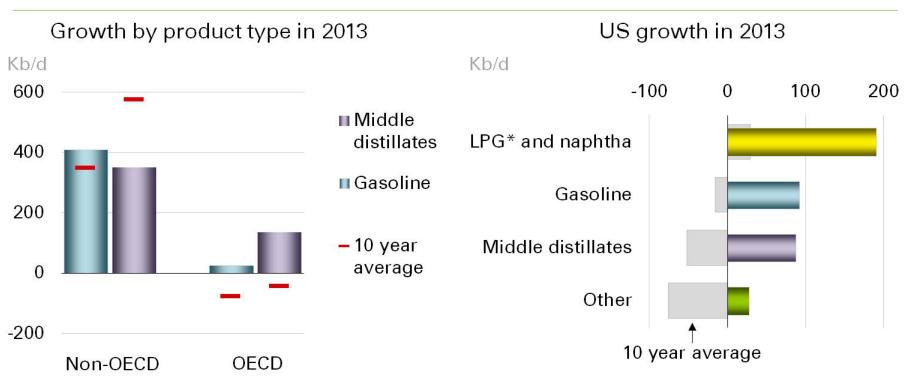
Oil consumption





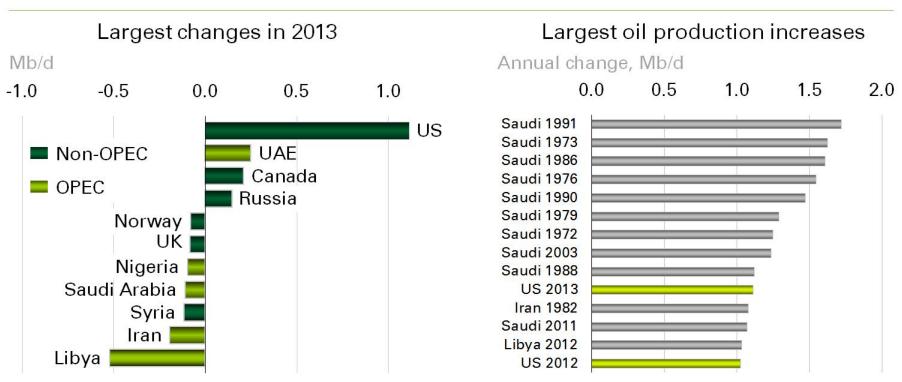
Oil consumption by product





Oil production

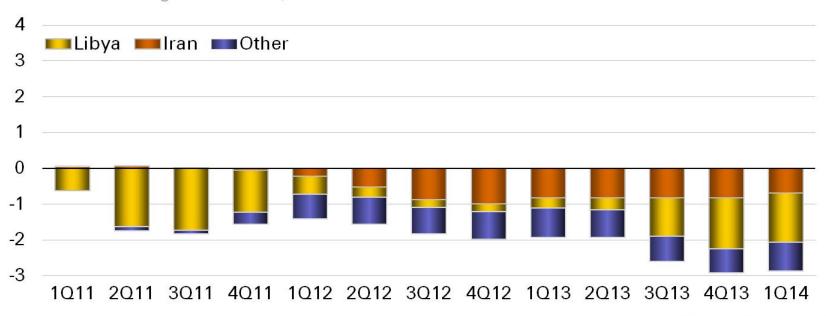




Oil supply disruptions



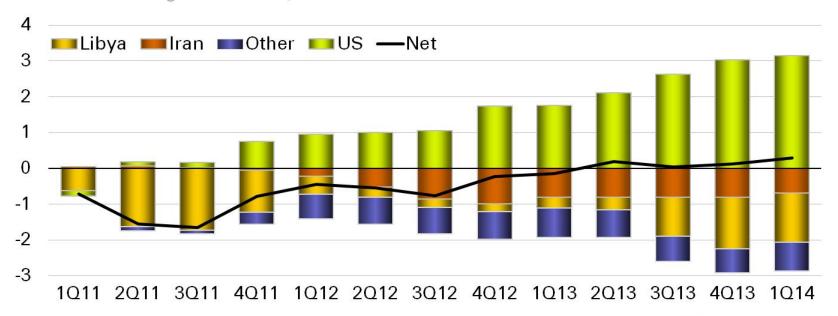
Cumulative change since 4Q10, Mb/d





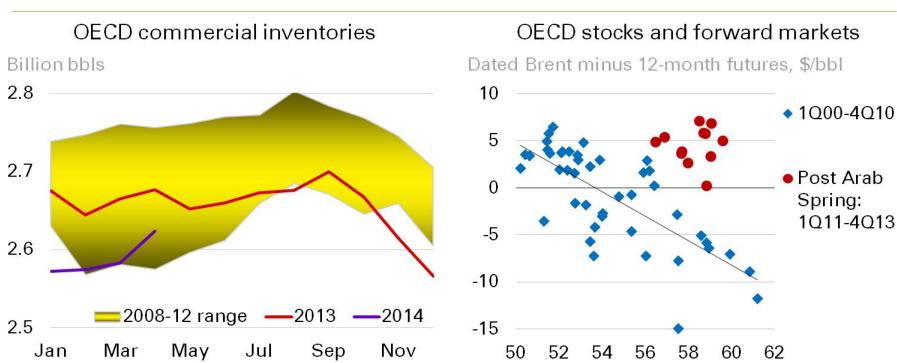


Cumulative change since 4Q10, Mb/d



Oil inventories

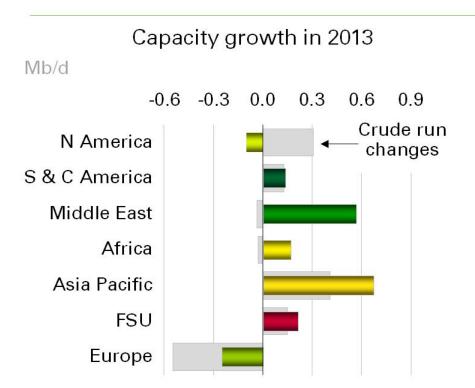




OECD days of forward cover

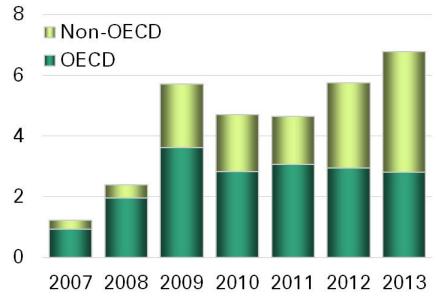
Refining capacity





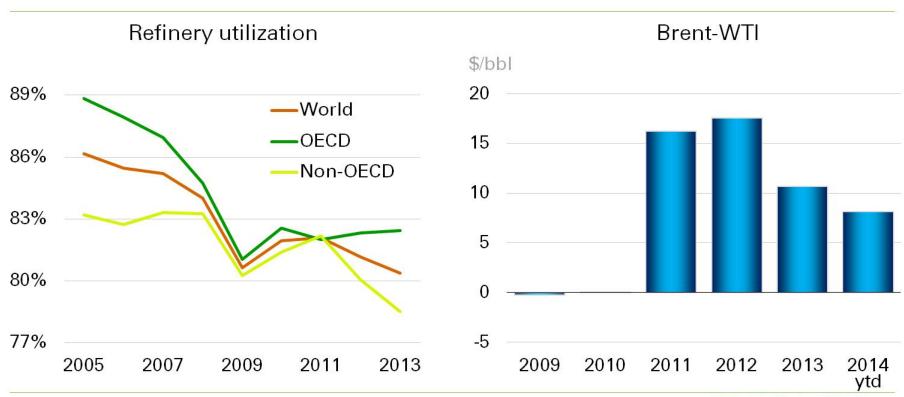
Cumulative spare capacity growth

Mb/d since 2005



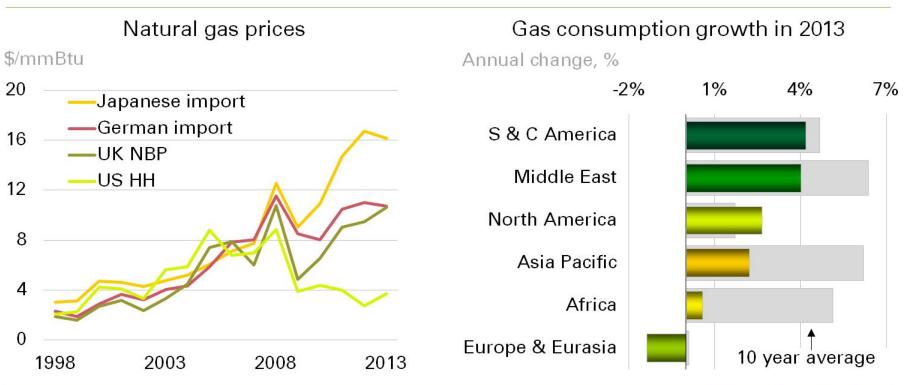
Refinery utilization and crude differentials





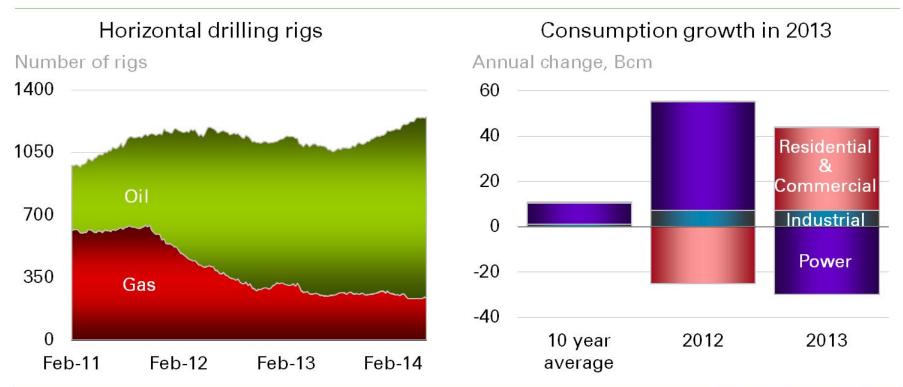
Global natural gas markets





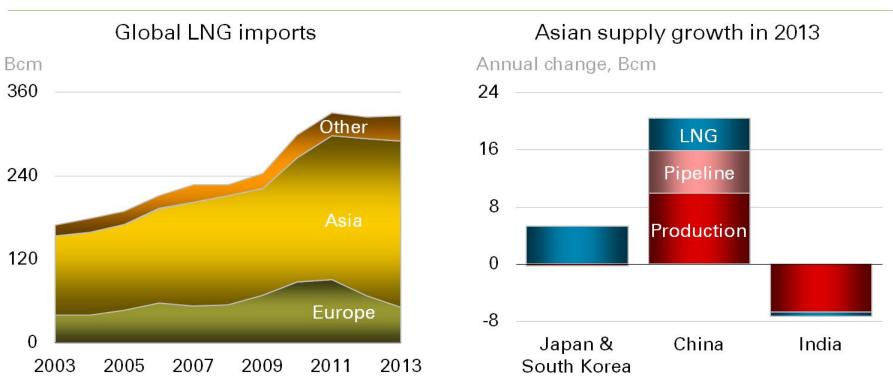
US natural gas market





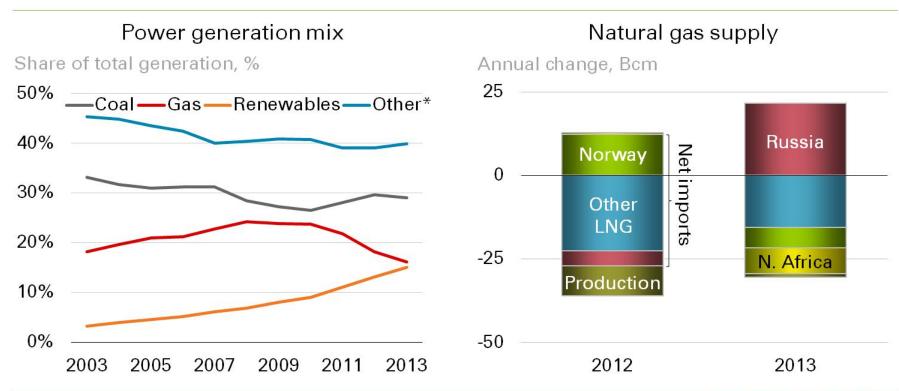
Global LNG and Asian supply





EU natural gas market





Source: includes data from ENTSOE and IHS CERA

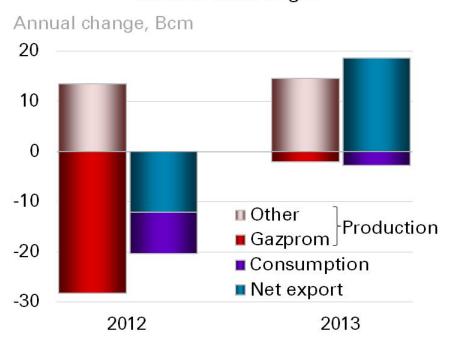
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* Includes hydro, nuclear and oil

Russian natural gas market and global trade

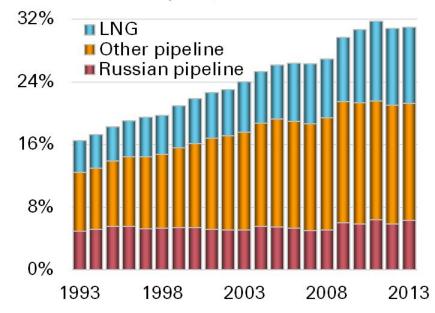


Russian natural gas



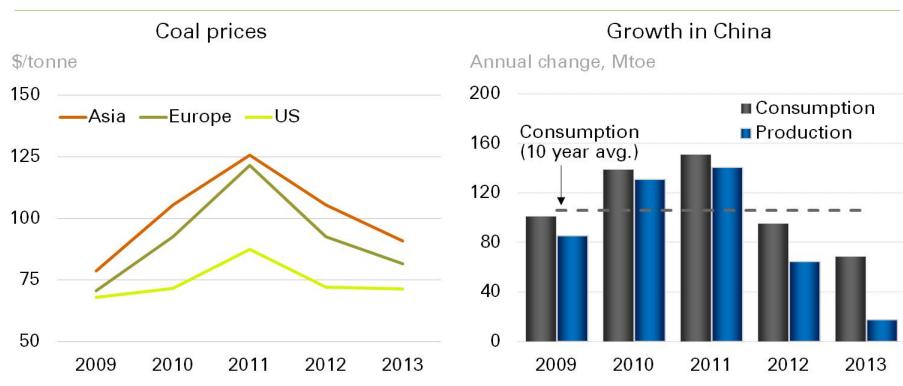
Trade share of global consumption

Share of consumption,%



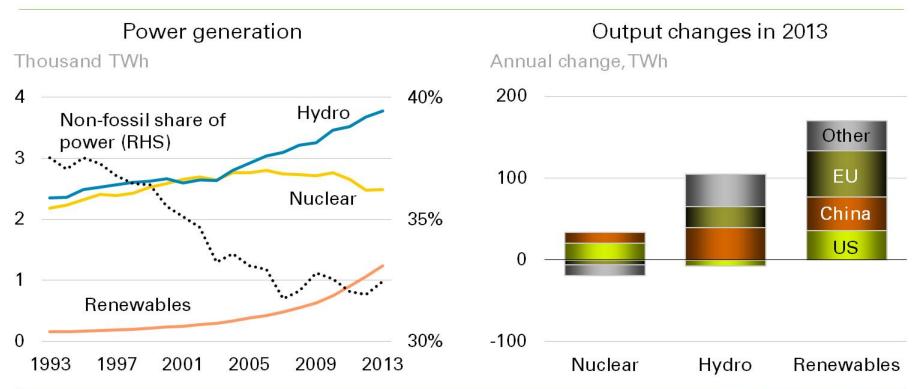
The coal market





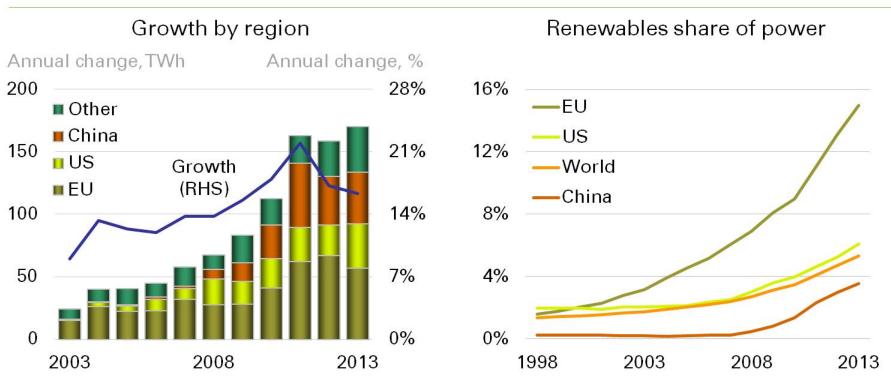
Hydro, renewables and nuclear





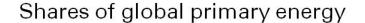
Renewables in power generation

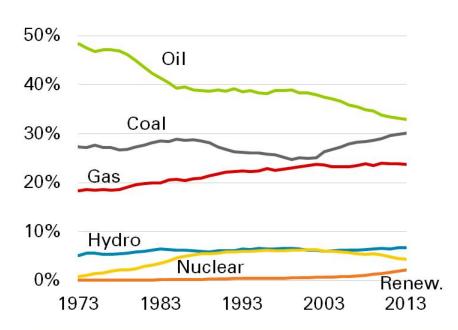




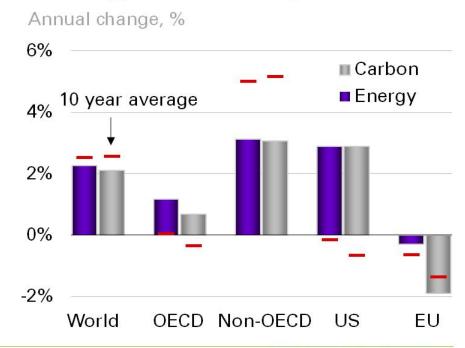
Fuel shares and carbon emissions





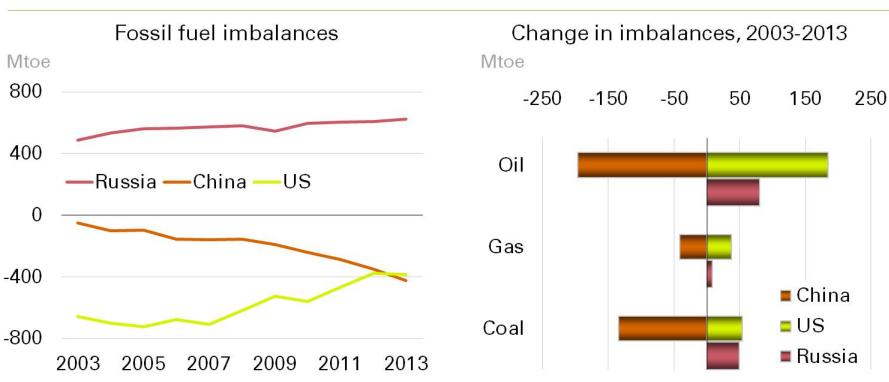


Energy and emissions growth in 2013



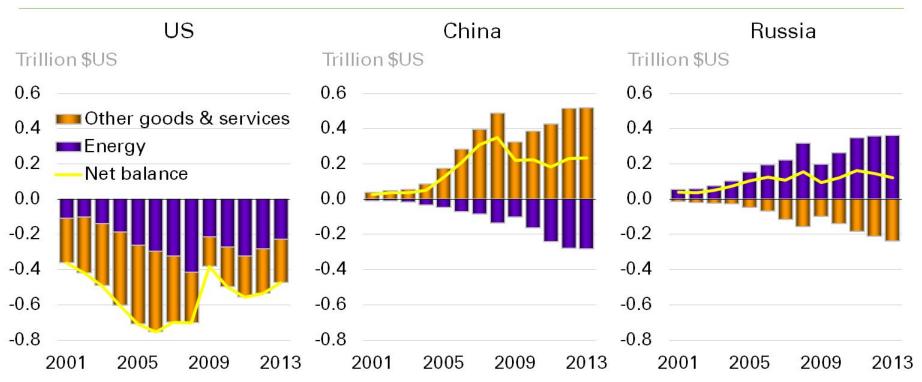
Changes in energy balances





Trade balances and energy





Conclusion



Energy in 2013

- Energy and the economy a two way relationship
- When things happen ask the data
- Markets work if you let them

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