



25th world gas conference
"Gas: Sustaining Future Global Growth"

The Natural Gas Paradox

How EU Energy Policy Turns a Blind Eye
to the Benefits of Natural Gas

By: Alexander Medvedev, Gazprom Export

06 June 2012

25th World Gas Conference, Kuala Lumpur



Patron



Host

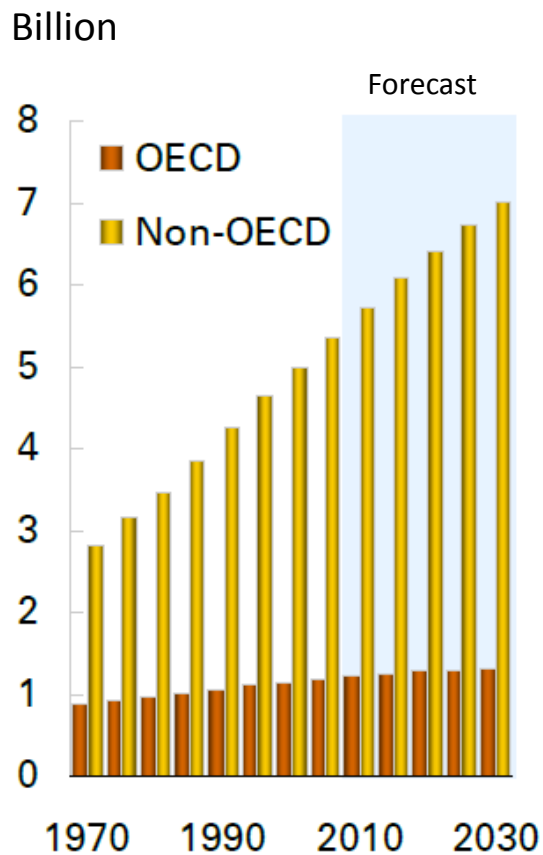


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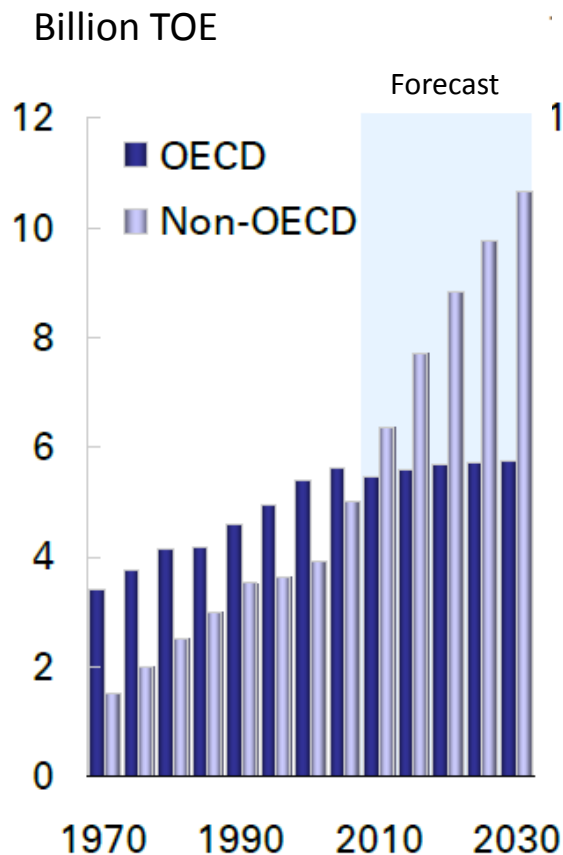


A Growing Population Means Increasing Energy Demand...

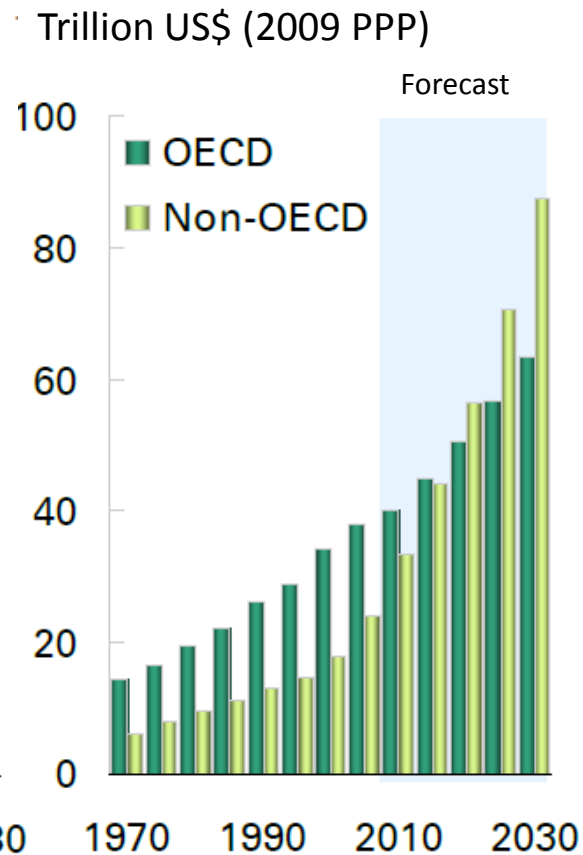
Population



Primary Energy

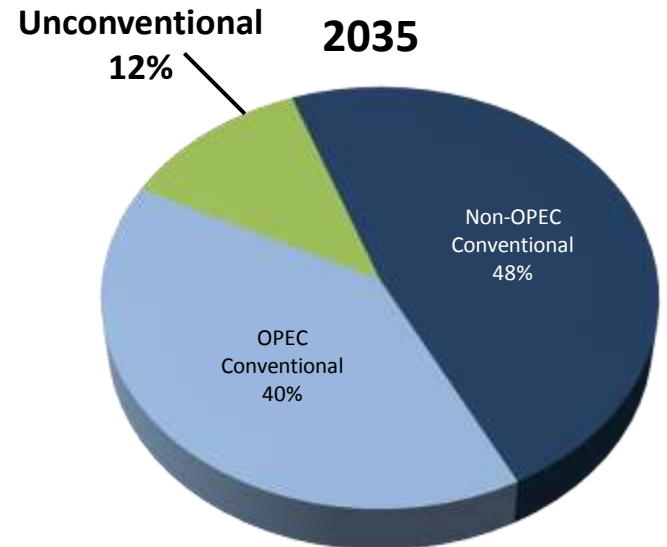
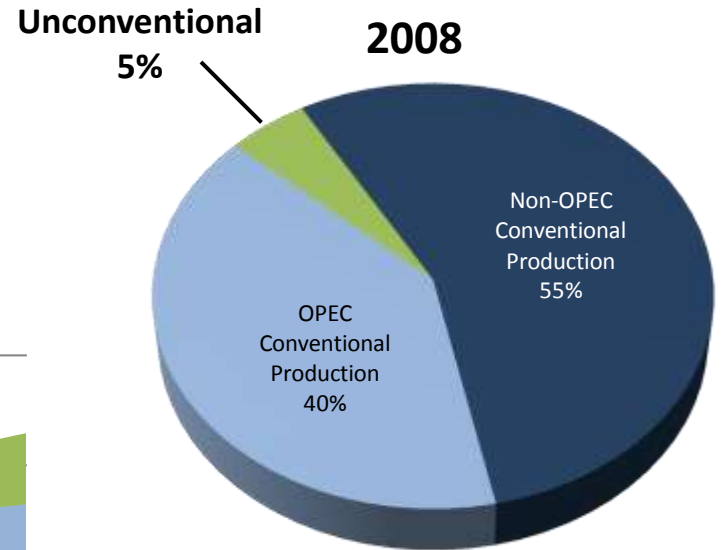
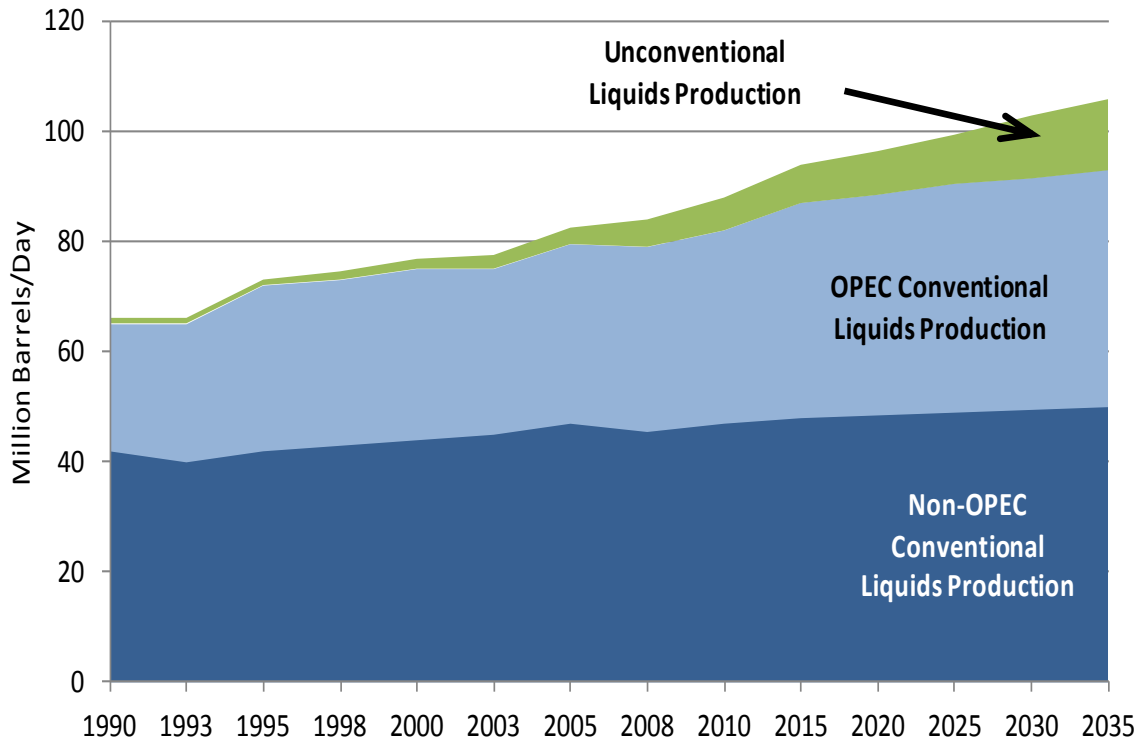


GDP

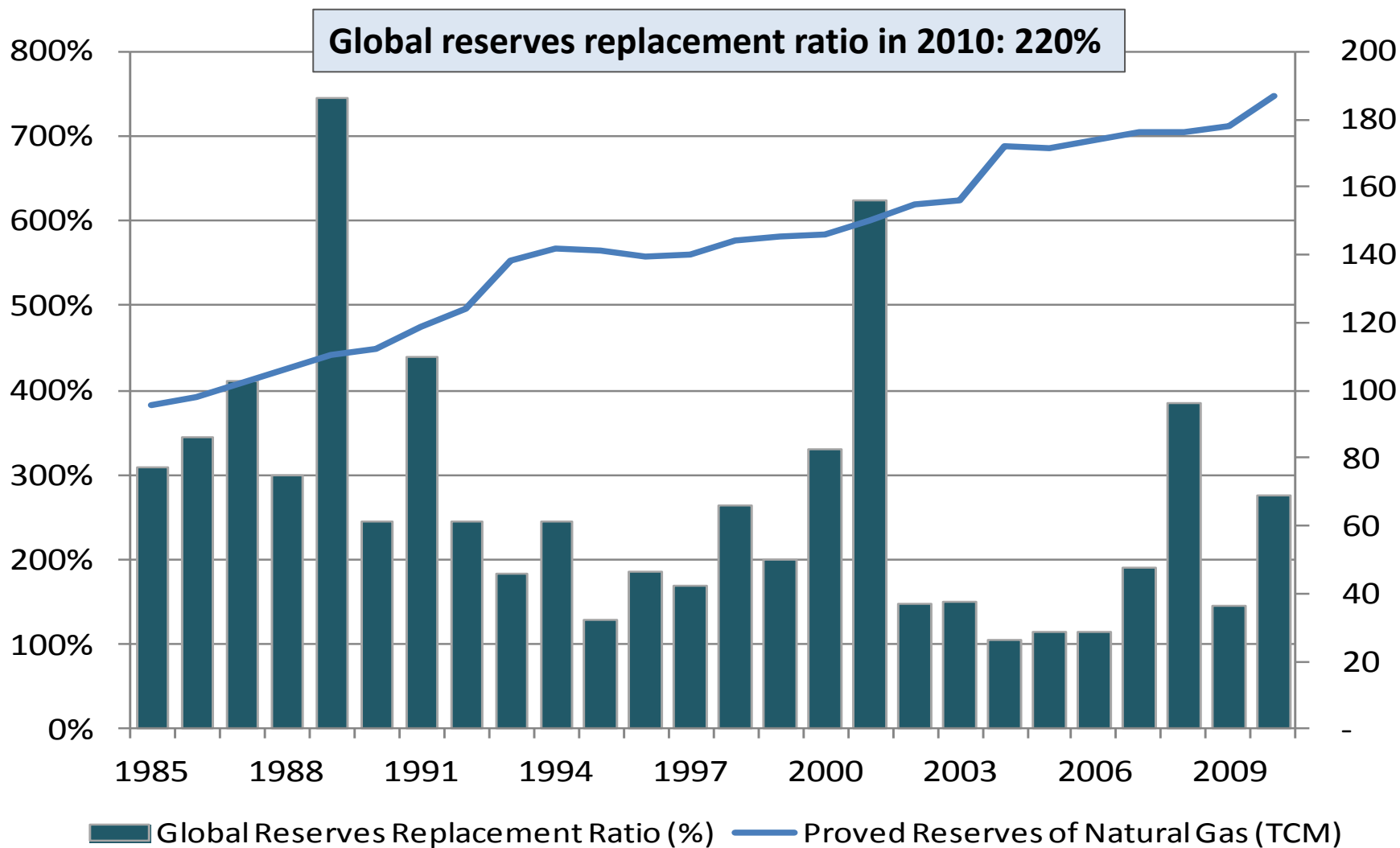


While the Availability of “Cheap” Oil Declines

**The Age of Cheap Oil is over:
Future resources will be harder to
extract, and more costly to produce**

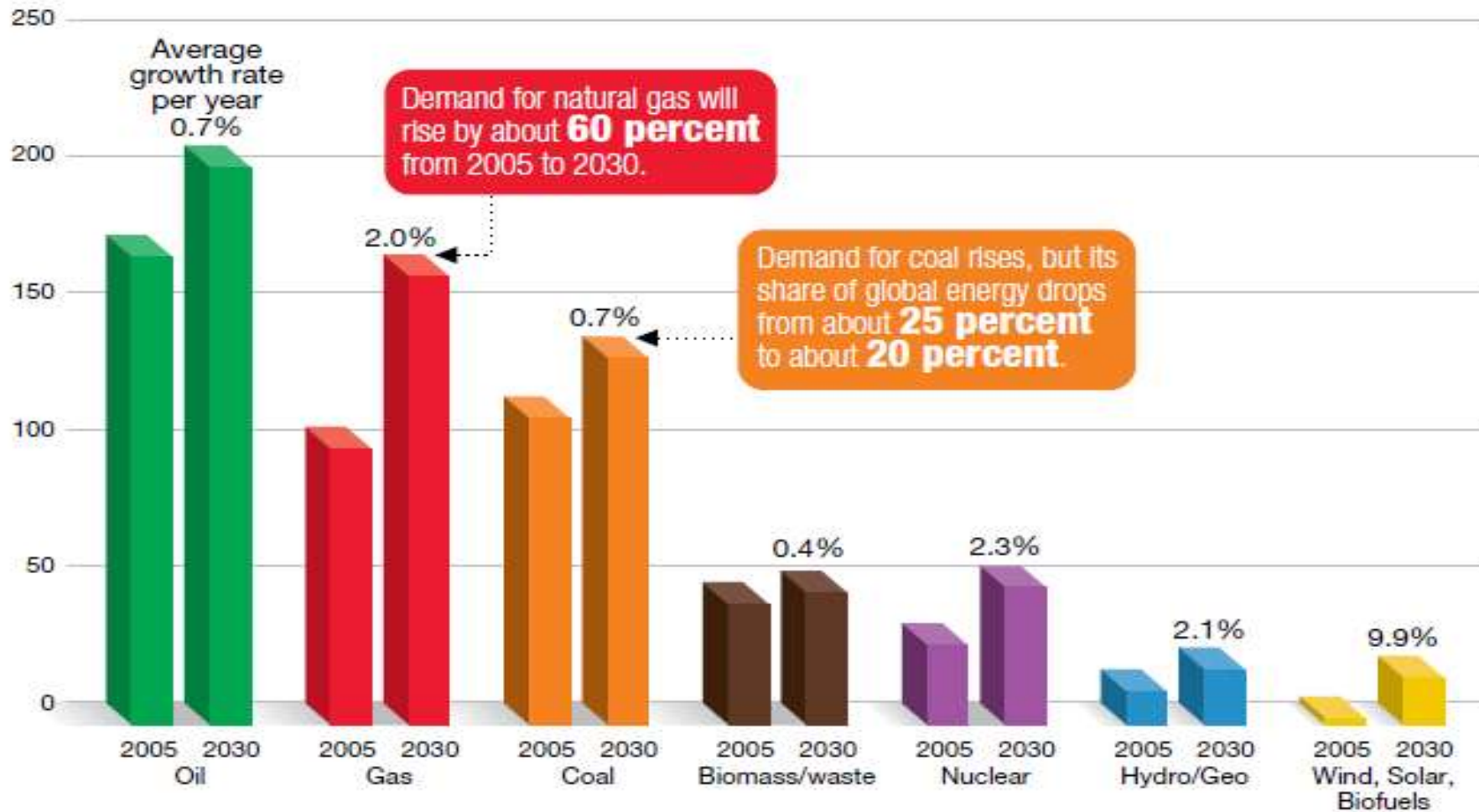


In Contrast, Proven Natural Gas Reserves are More Abundant than Ever

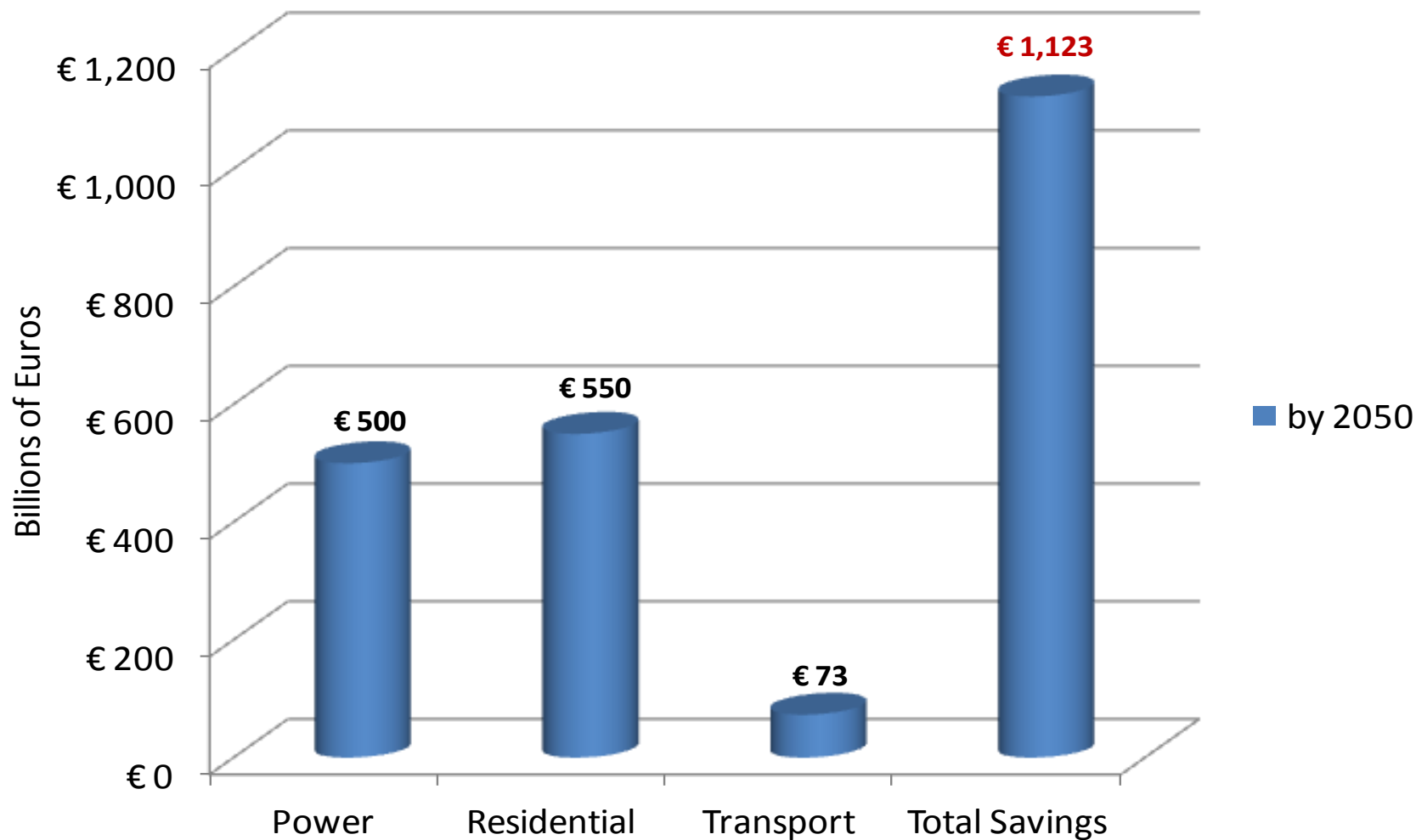


Natural Gas Will Play an Increasing Role in Global Energy Demand

Quadrillion BTUs

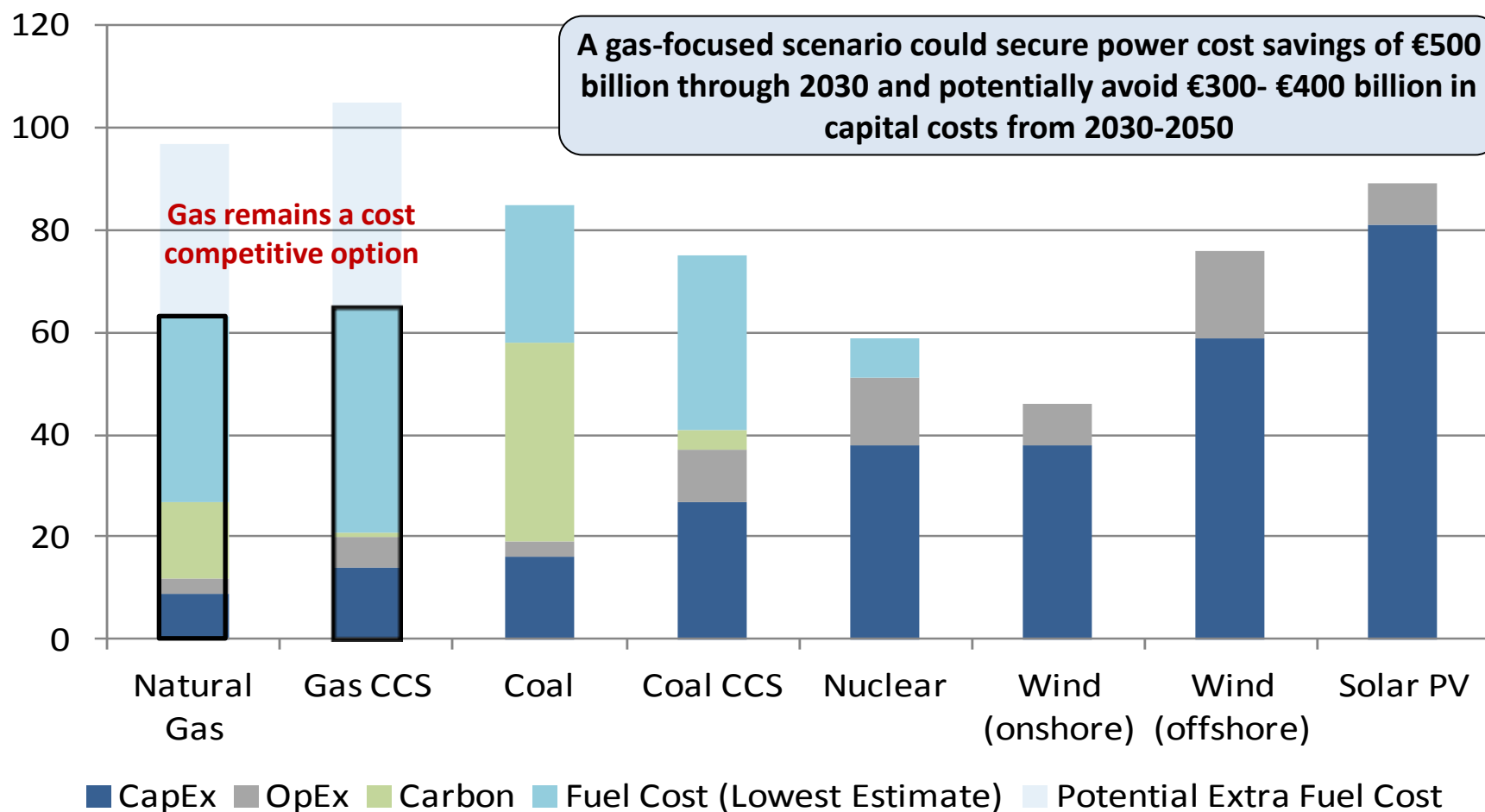


Cumulative Savings from Using Gas to Achieve EU Emissions Reductions Goals: €1.1 trillion by 2050



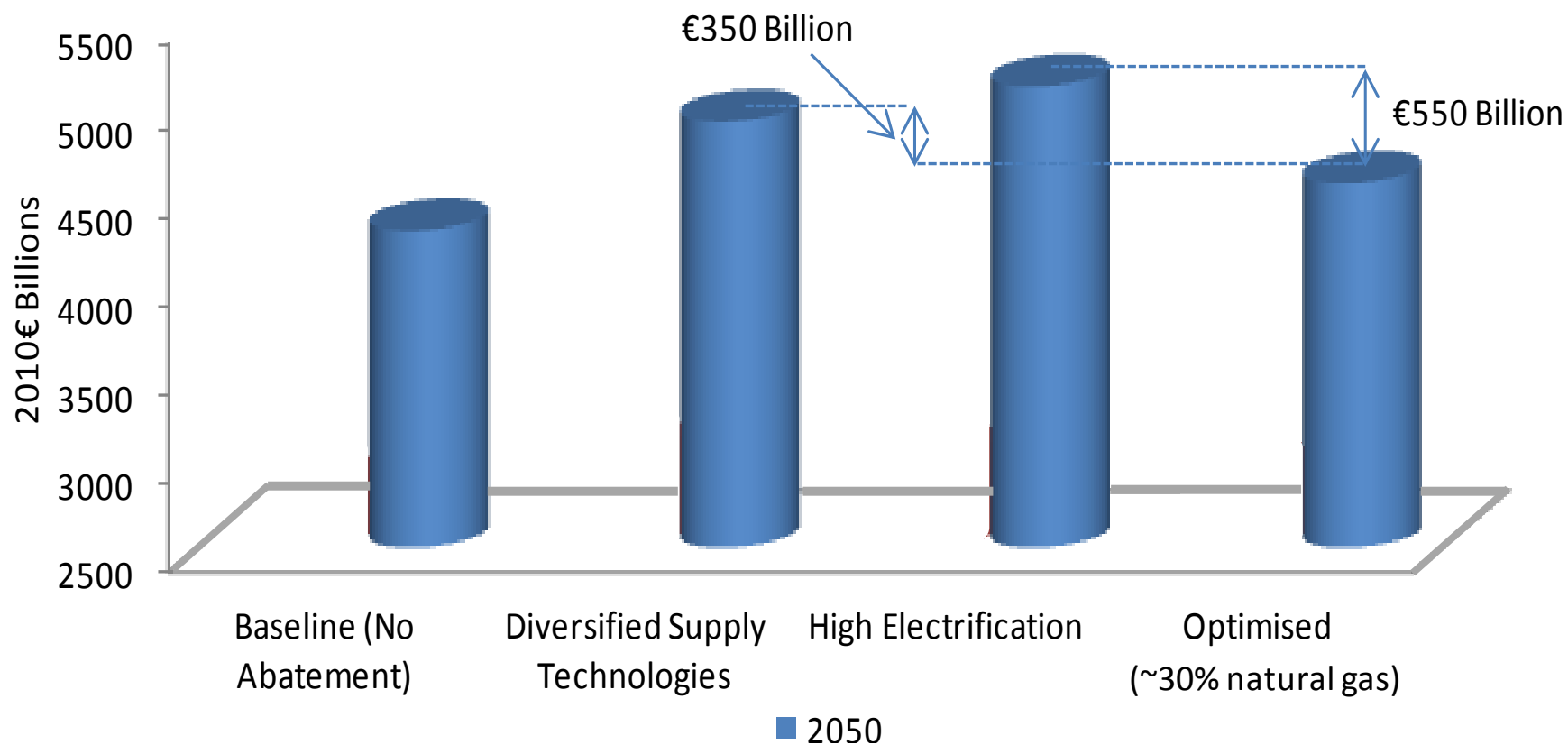
Power Sector: Natural Gas Could Save the EU up to €500 billion by 2030

Total Levelized Cost in 2030, €/MWh



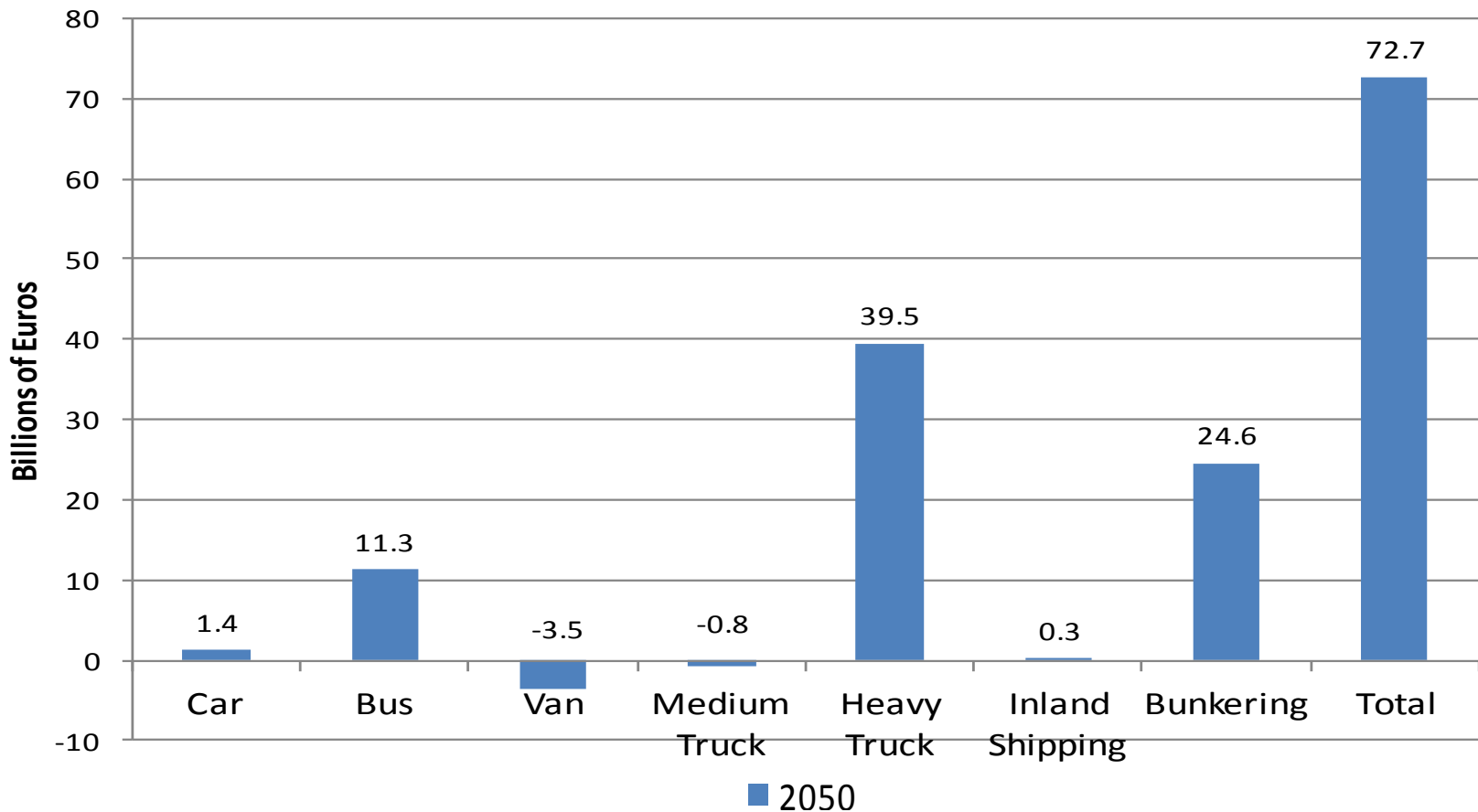
Residential Sector: Natural Gas Could Save the EU up to €550 billion by 2050

...And would result in a 30% reduction in total carbon emissions



Transport Sector: Natural Gas Could Save the EU up to €73 billion by 2050

Cost Savings Associated with Utilizing Natural Gas in European Transportation



Source: EGAF, 2012. Savings are estimated as the difference between the natural gas scenario and baseline projections.

THANK YOU