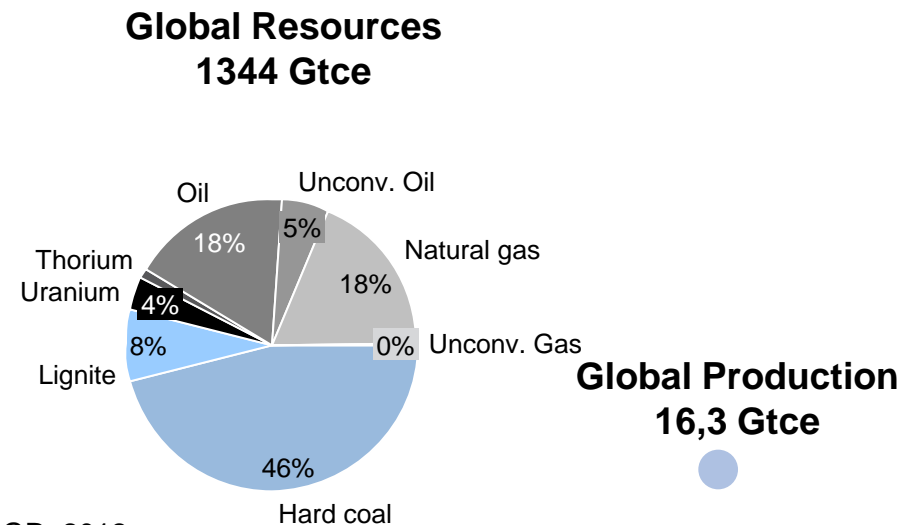
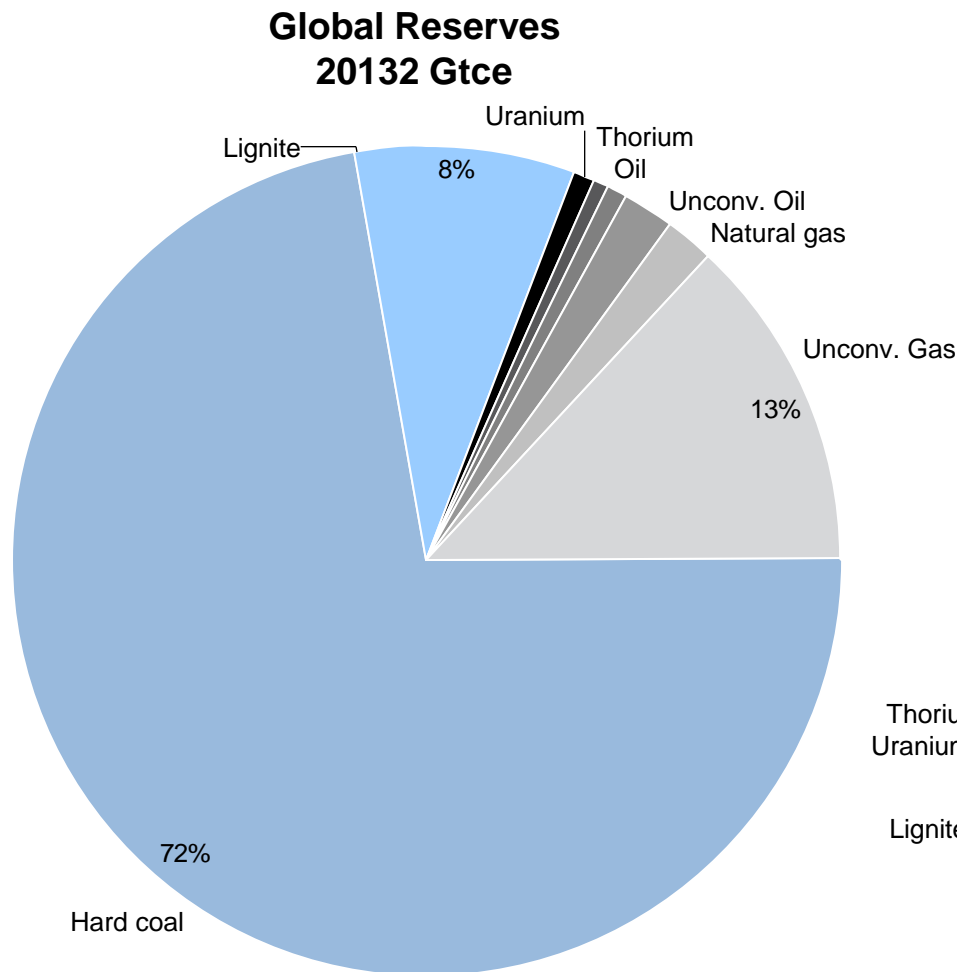


# COAL: the global picture

EEF Dinner Debate

14.11.2012

# Coal is the world's most abundant fossil fuel accounting for over 50% of global resources

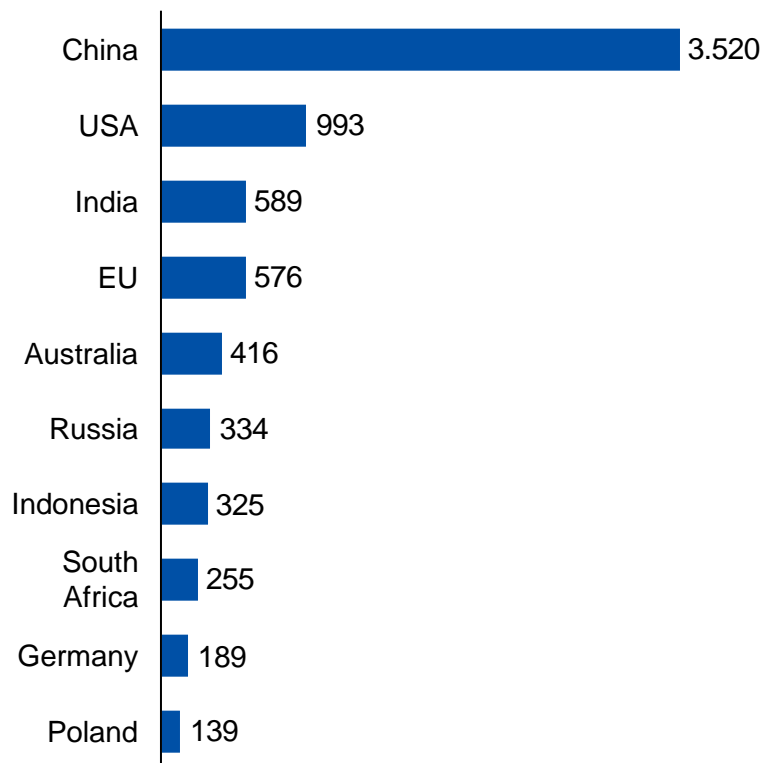


Source: BGR, 2012

# Total world coal production reached a record level of 7.678 Mt in 2011, increasing by 6,6% over 2010

## Top 10 coal producers, 2011

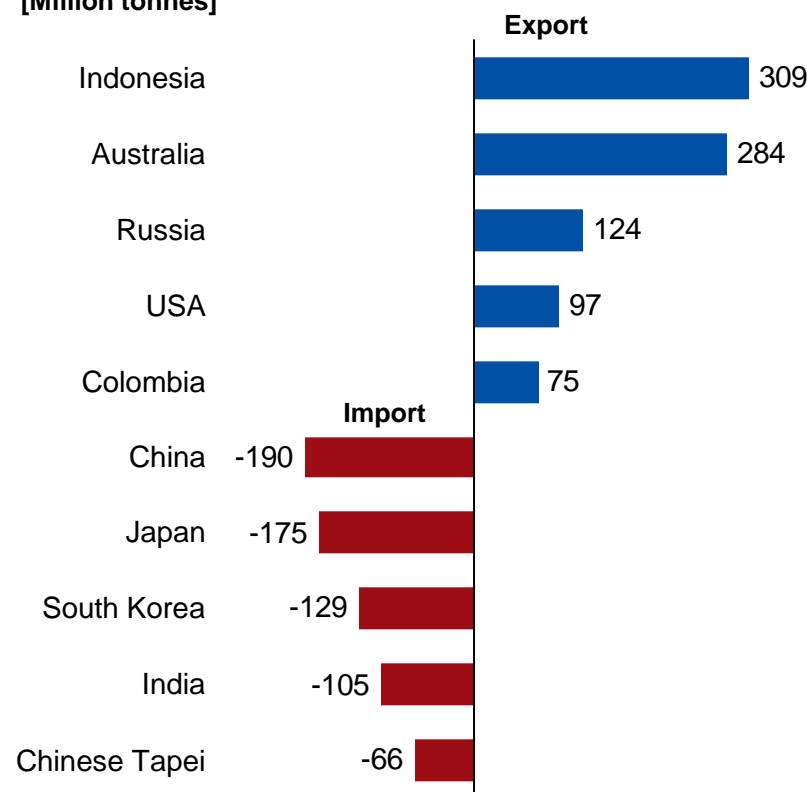
[Million tonnes]



Source: British Petroleum, 2012

## Export / Import 2011

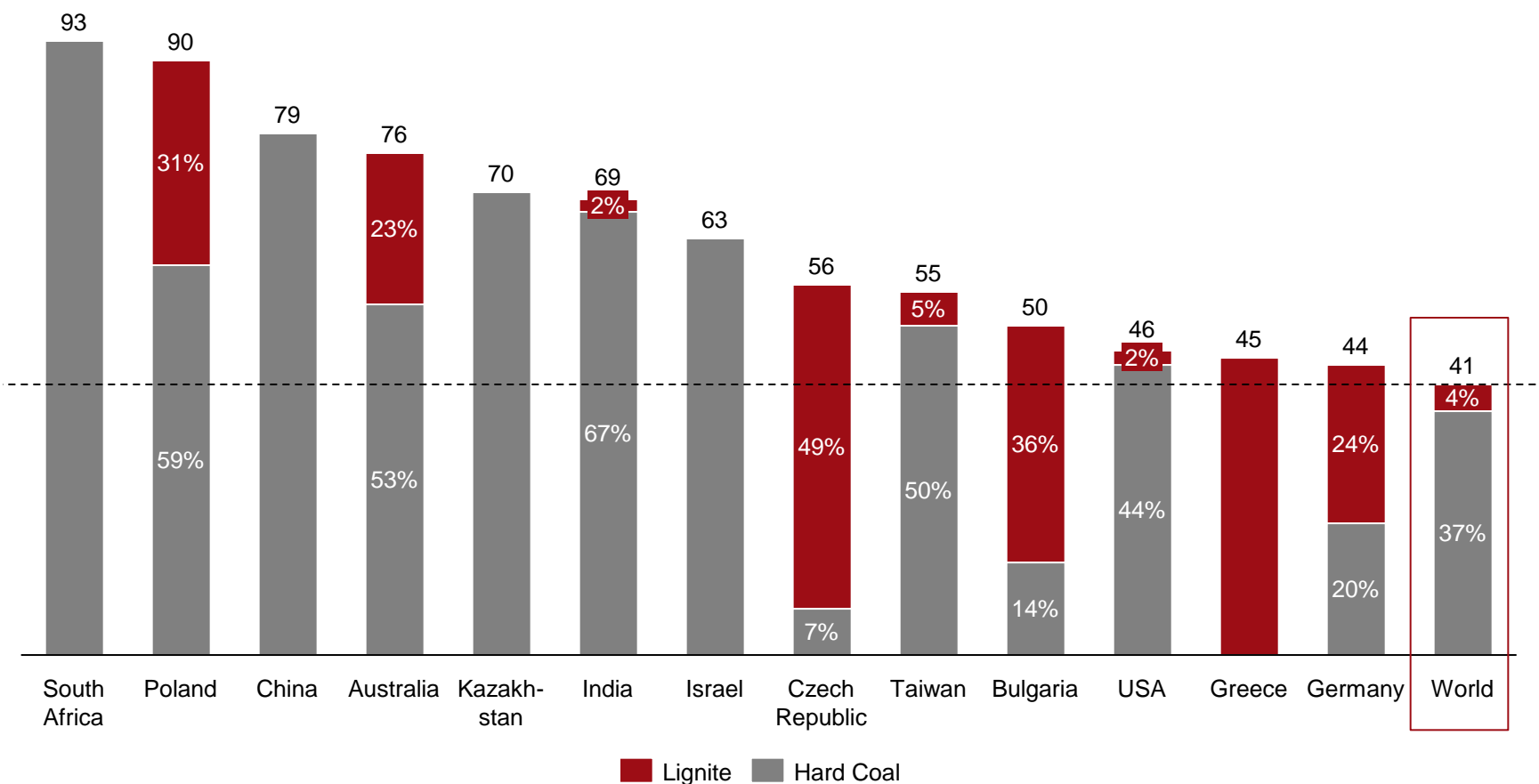
[Million tonnes]



Source: BP, IEA, World Steel Association, 2012

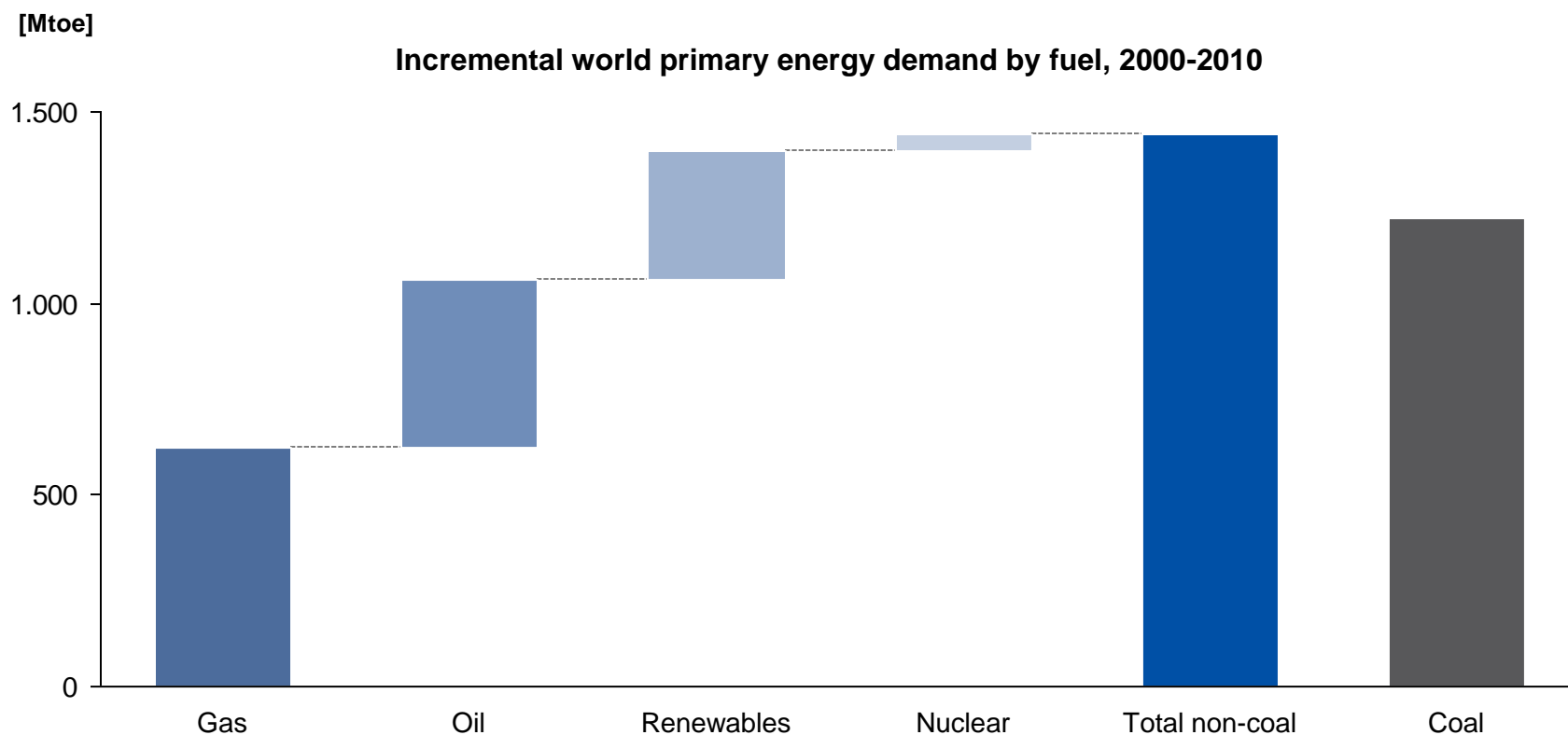
# 41% of global electricity in 2010 has been generated in coal-fired power stations

[2010,%]



Source: World Coal Association, 2012

# Coal accounted for nearly half of the increase in global energy use over the past decade



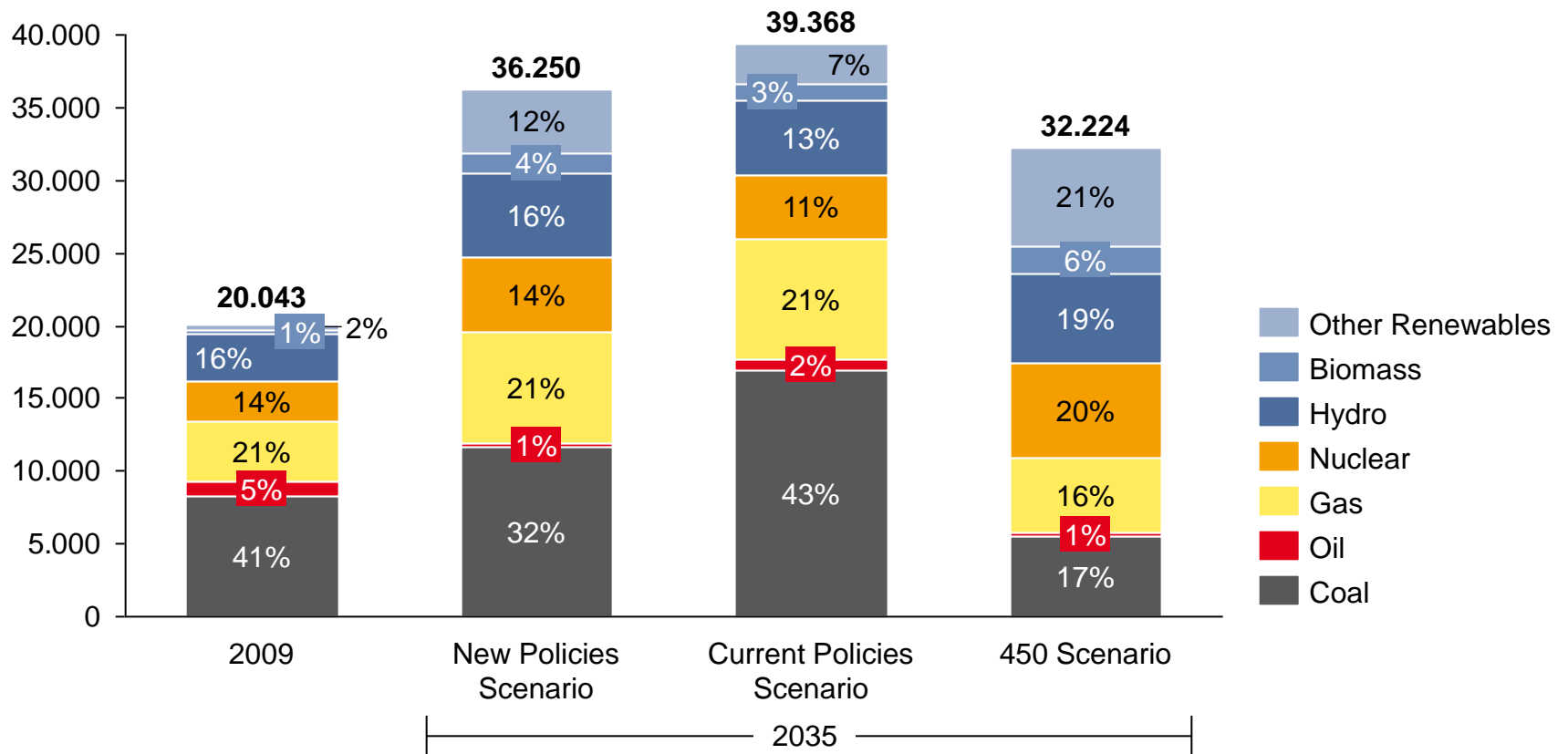
Source: World Energy Outlook, 2012 (OECD, IEA)



**Coal has won the energy race in the first decade of the 21<sup>st</sup> century, but what comes next?**

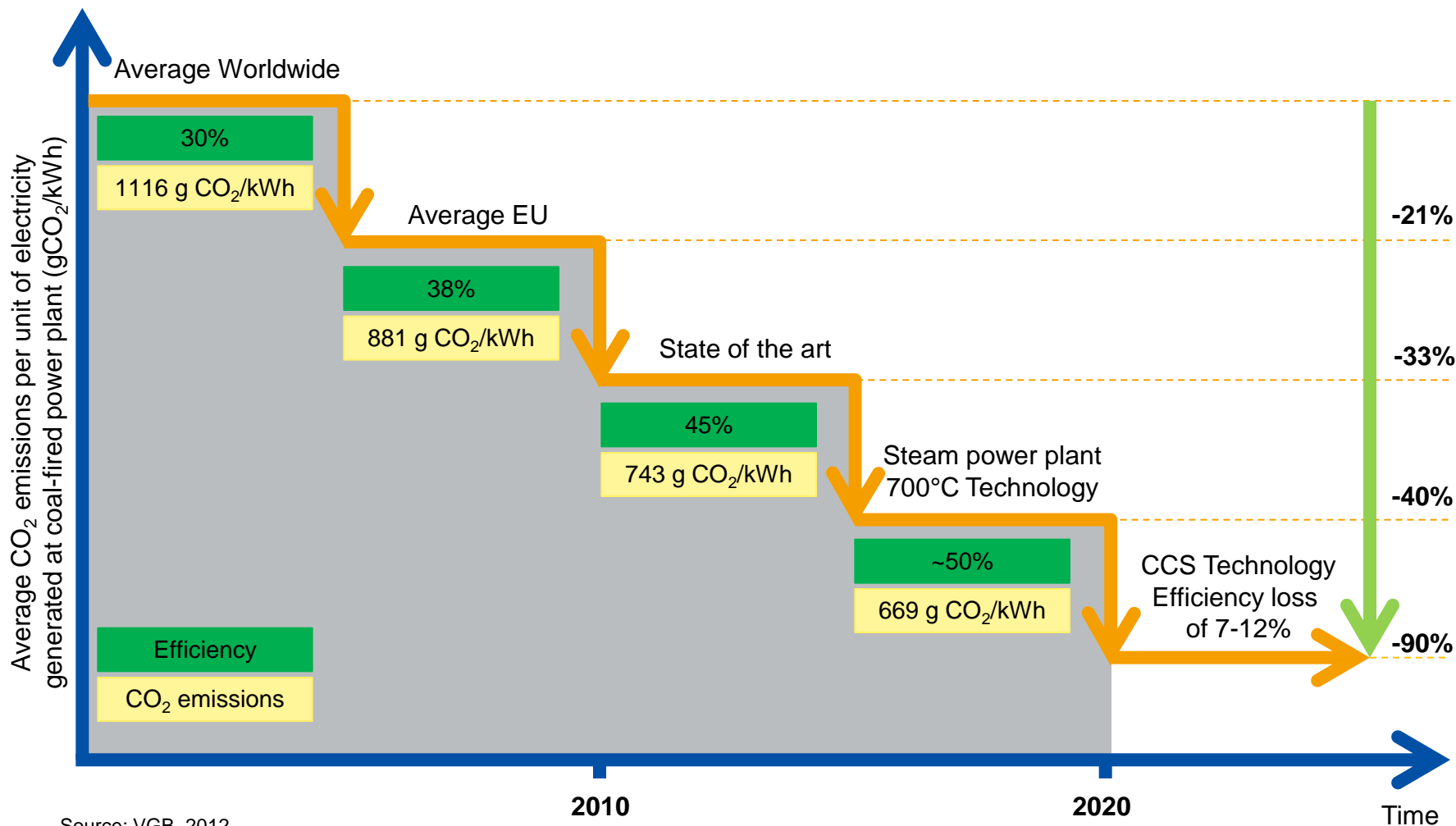
# Coal future and global climate policy – proactive approach for carbon footprint reduction is required

Development of the global electricity production, TWh



Source: IEA, World Energy Outlook, 2011

# Coal combusture can become 90% cleaner through efficiency improvement and CCS technology



Source: VGB, 2012

EEF Dinner Debate

RWE Power AG | Dr. Johannes Lambertz | 11.14.2012

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