



Benefits of more ambitious energy policies

– A business perspective

By Ulrich Bang, Director of European and affairs



I will focus on



**Part 1: Point of departure.
What has Denmark done
right?**



**Part 2: The Benefits of more
ambitious energy policies**

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Part 1. Point of departure: What have been done right in Denmark in terms of promoting green growth?



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1. Political "consensus" on the direction of the energy policy since 1980



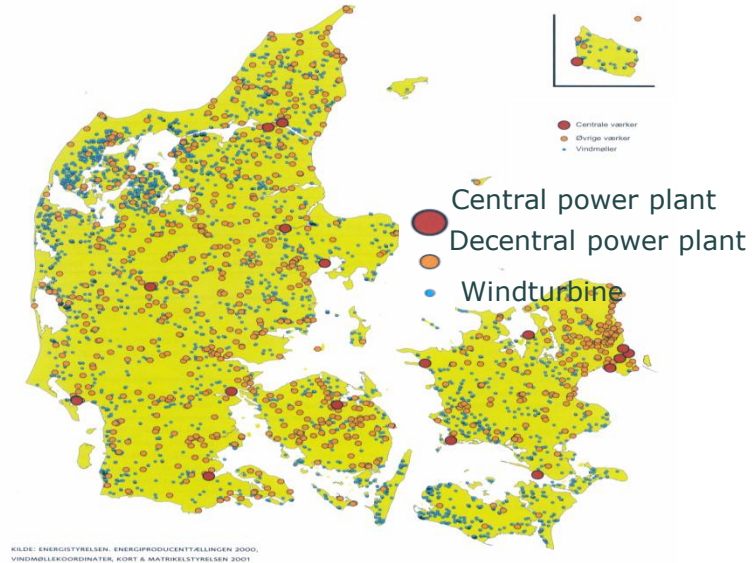
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2. From a centralised to a decentralised energy system and the transformation continues

1980



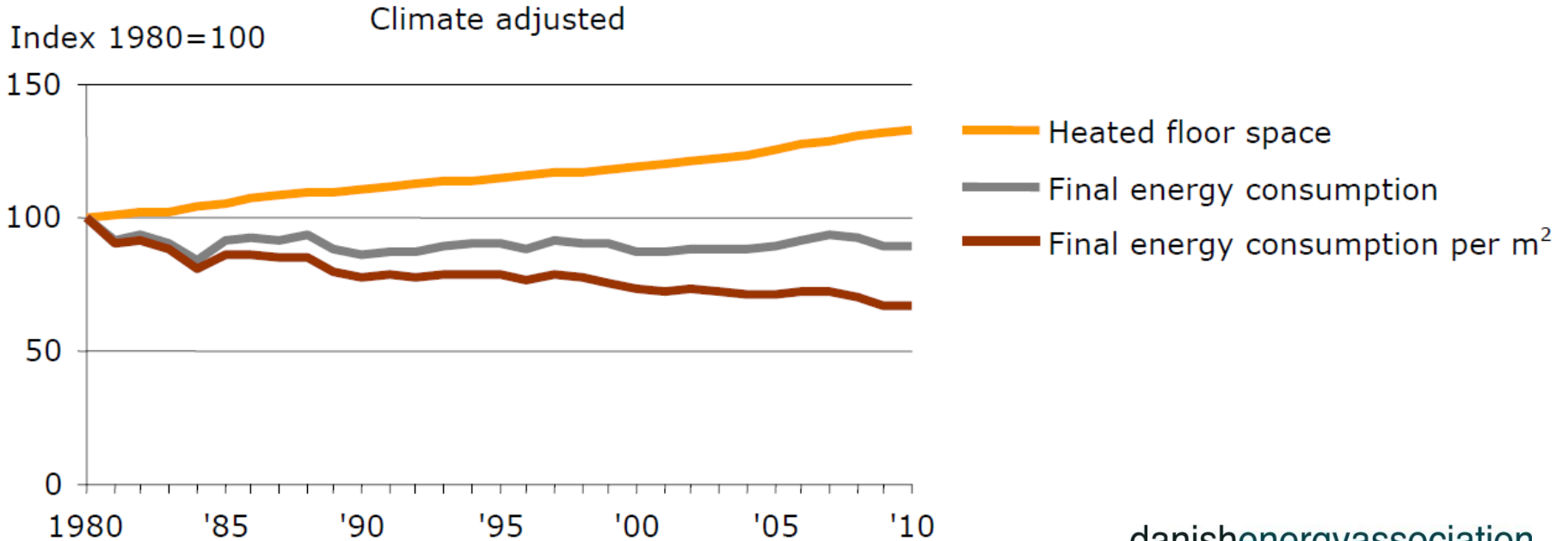
To day



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3. A long term effort for achieving energy efficiency in the energy system

Energy consumption for heating homes

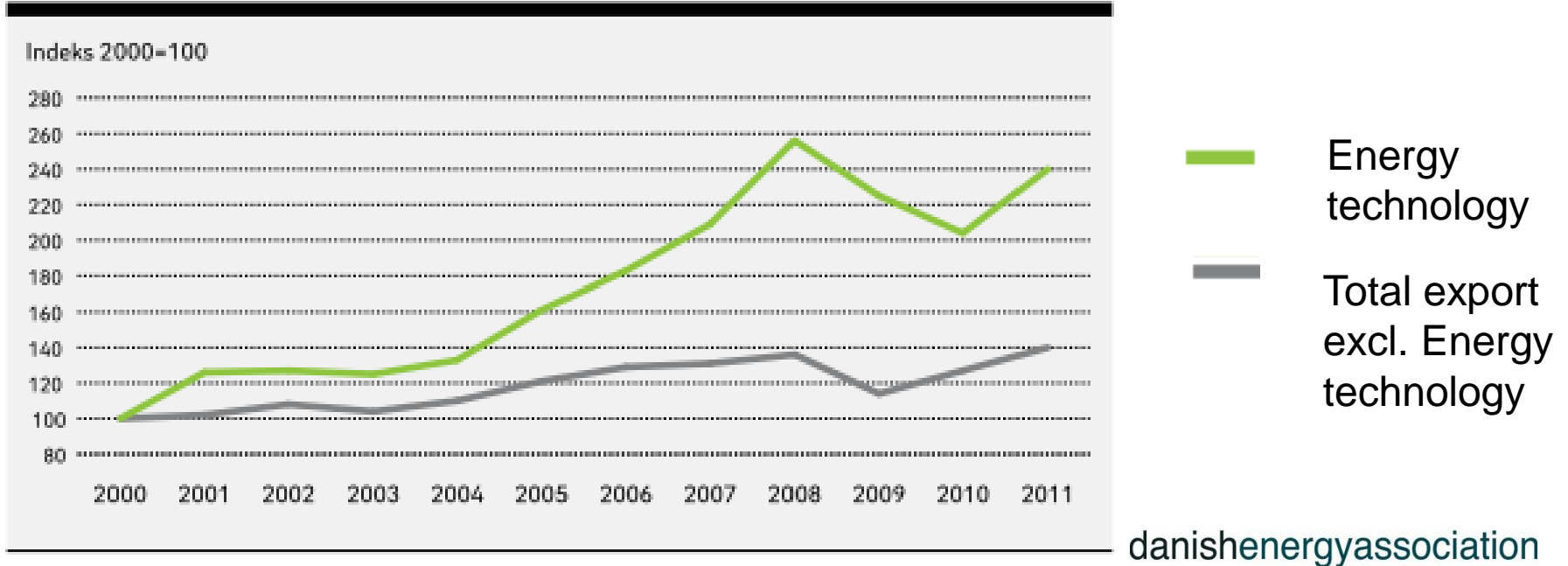


Source: Danish Energy Agency, 2011

Part 2: The Benefits of more ambitious energy policies



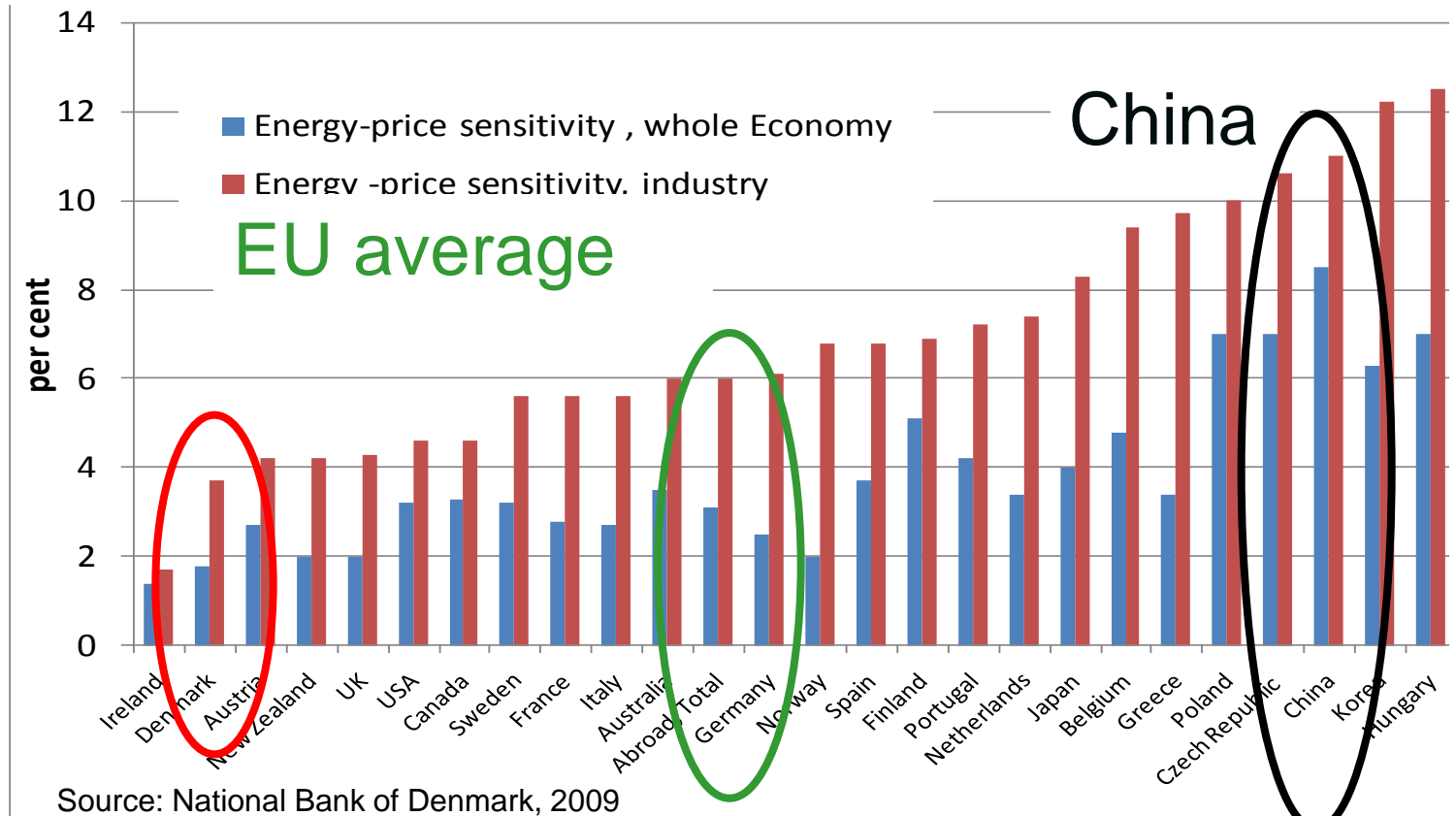
1. Green business: Total Danish export of energy technology



Source: Danish Energy Agency, 2012

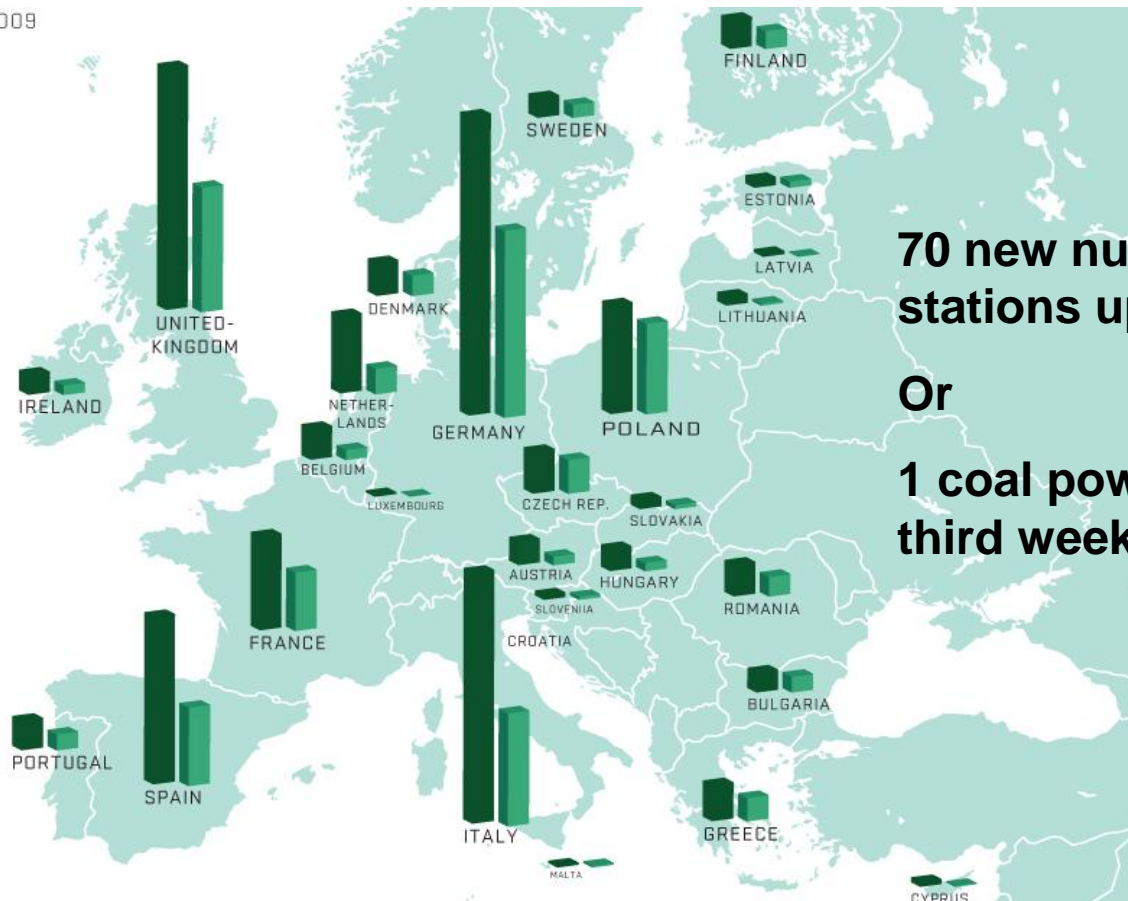
2. Improving energy efficiency is improving our competitiveness

Output price if energy prices doubles



4. Aging power plants all over Europe need to be replaced

FOSSIL CAPACITY 2009
DECOMMISSIONING UNTIL 2035



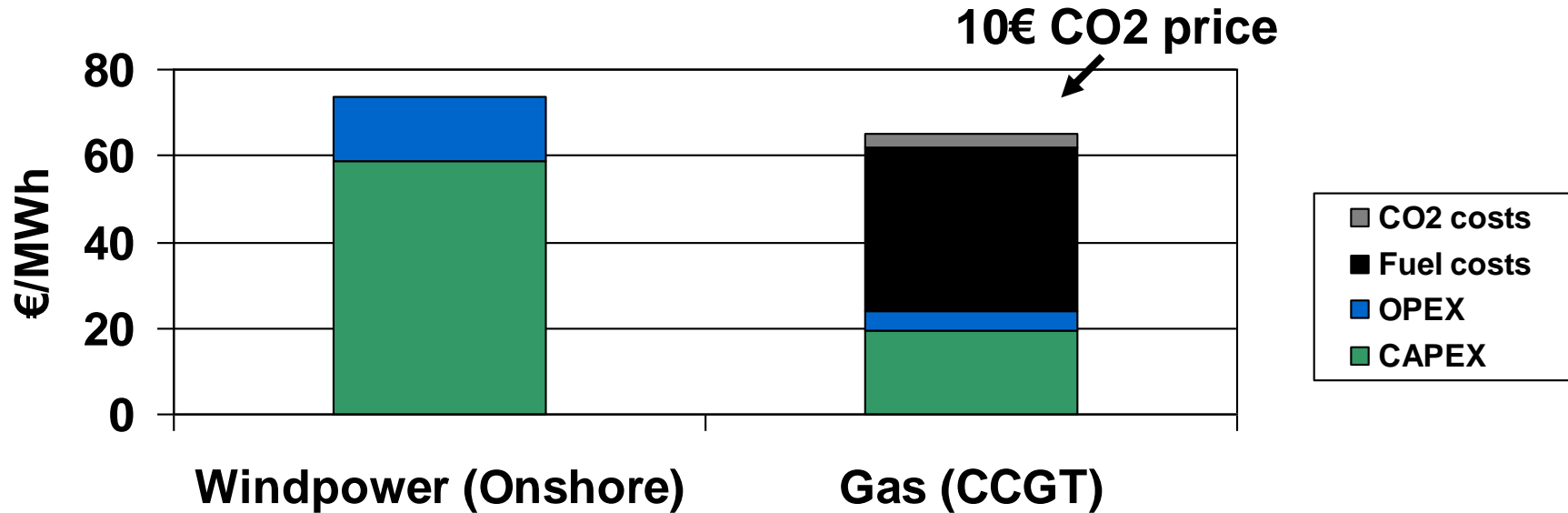
70 new nuclear power stations up to 2020

Or

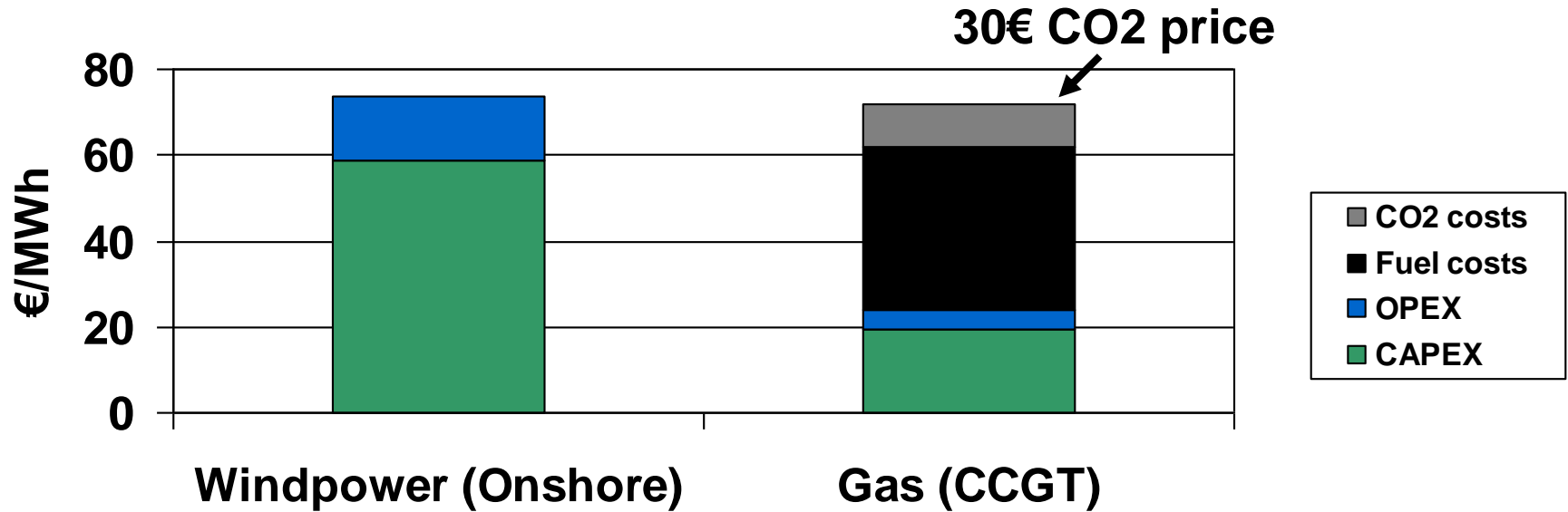
1 coal power plant every third week up to 2020



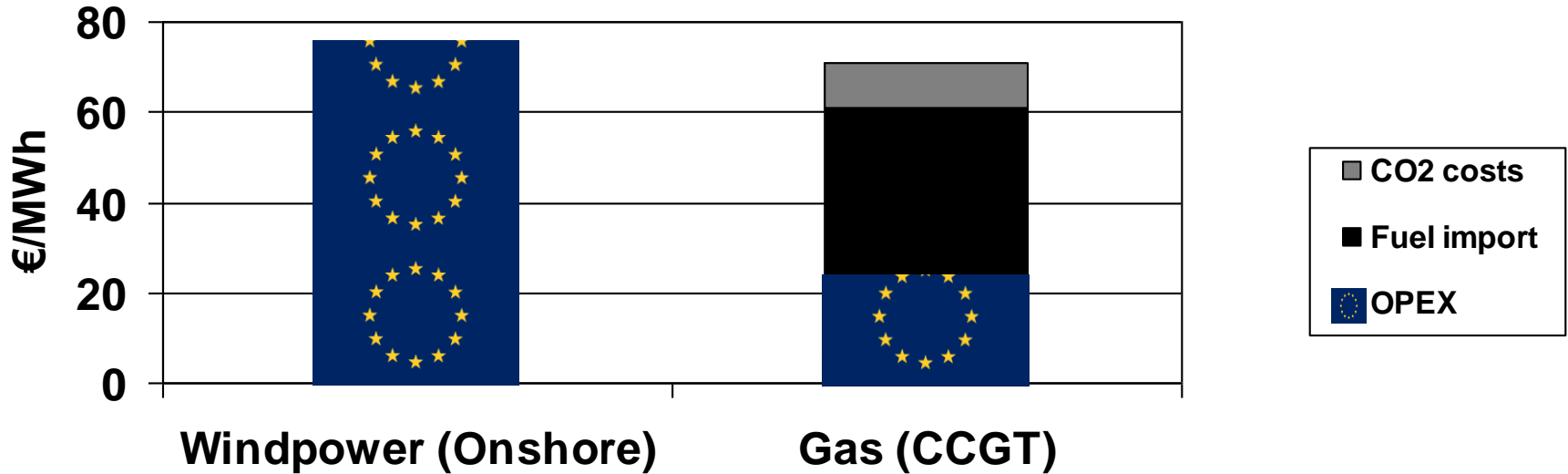
5. Case study: How the carbon prices determine the technology mix: Gas vs. onshore wind



5. Case study: How the carbon prices determine the technology mix: Gas vs. onshore wind



6. Investing in low carbon technologies is investing in Europe instead of fuel imports



Create long term political certainty with binding CO2 targets for 2030, 2040 in line with the 2050 80-85% target



**We need change (of the energy system)
that we can believe in!**

Three building blocks business benefits



Energy efficiency
through EEO



Fix the ETS
before and after
2020



Binding targets for
2030, 2040 & 2050

Thank you for your attention



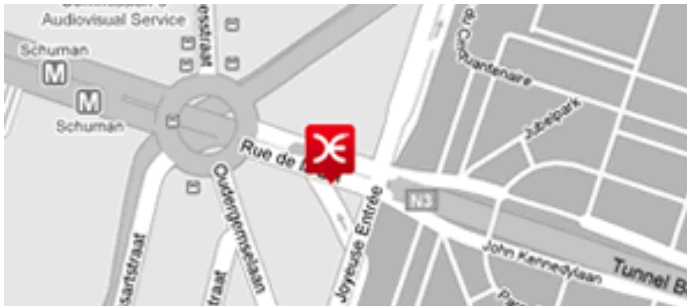
Dansk Energi

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