

The Low-Carbon Energy Revolution in Europe Has Begun..... But it Must Be Accelerated

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The image cannot be displayed. Your computer may not have enough memory to open the image, or the image may have been corrupted. Restart your computer, and then open the fil The context Need a global energy technology revolution to meet climate change and energy security challenges. 2010 needs to be done. iea

- Some early signs of progress, but much more
- - > Which technologies can play a role?
 - > What are the costs and benefits?
 - What policies are needed?

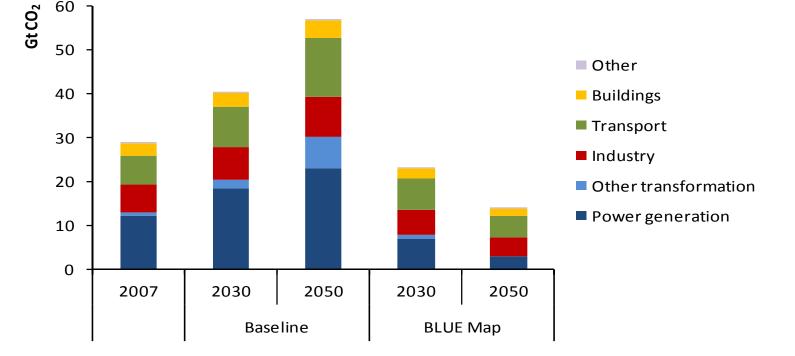


Global energy-related CO₂ emissions in the Baseline and BLUE Map scenarios

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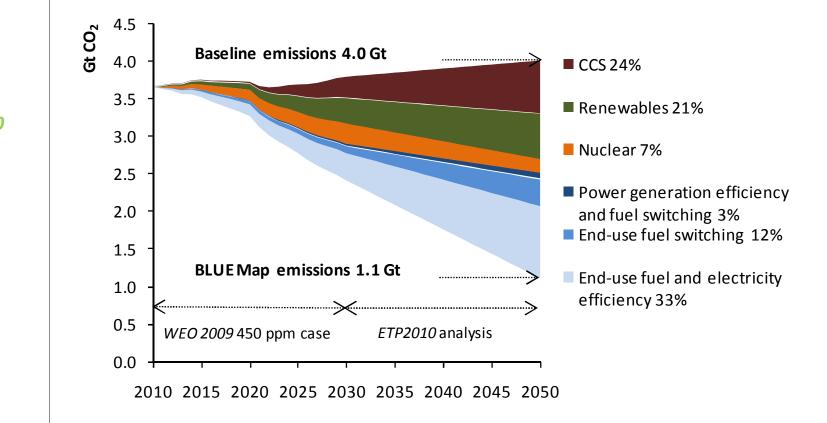
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Global CO₂ emissions double in the Baseline, but in the BLUE Map scenario abatement across all sectors reduces emissions to half 2005 levels by 2050.

Contributions to emissions reductions in OECD Europe



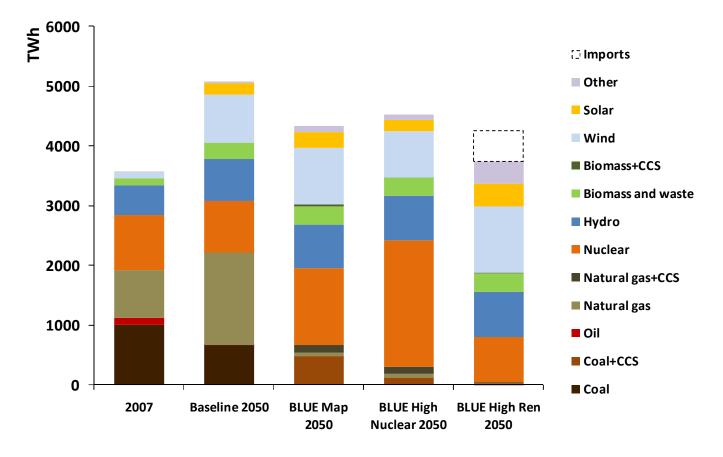
End-use sector measures contribute nearly two-thirds of the emissions reductions between the Baseline and BLUE scenarios in 2050.

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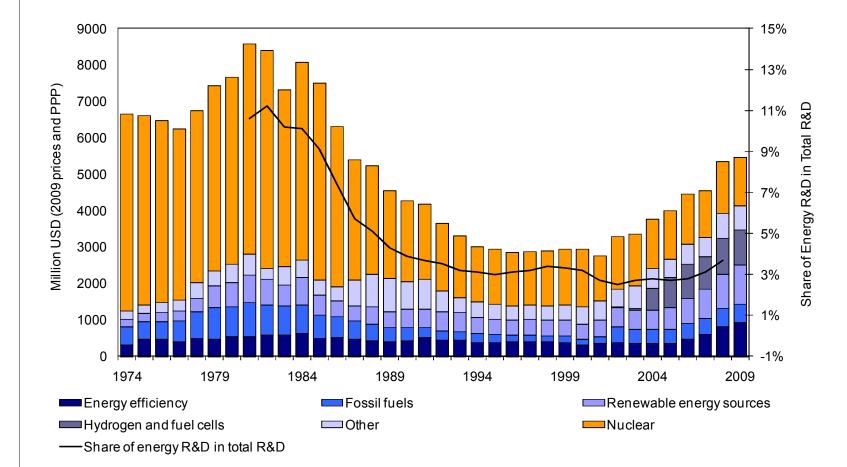
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A mix of nuclear, renewables and fossil-fuels with CCS will be needed to decarbonise the electricity sector.

Energy RD&D spend in OECD Europe



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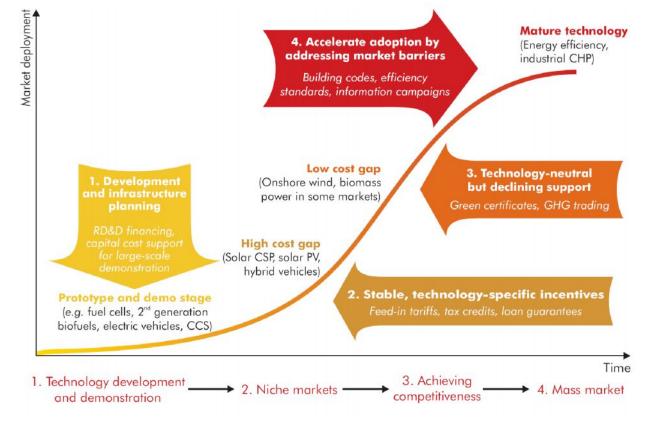
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RD&D spend is now increasing after many years of decline.

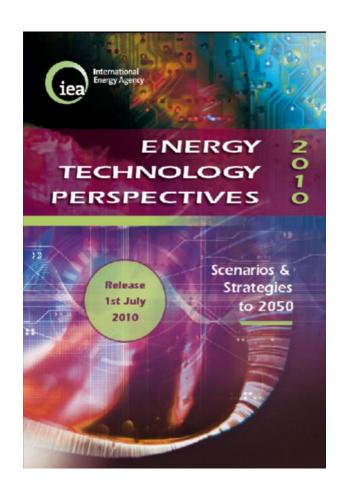


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Government support policies need to be appropriately tailored to the stage(s) of technological development.



Thank You



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