

Towards a Low Carbon Economy: Paris December 2015

Professor Sir David King

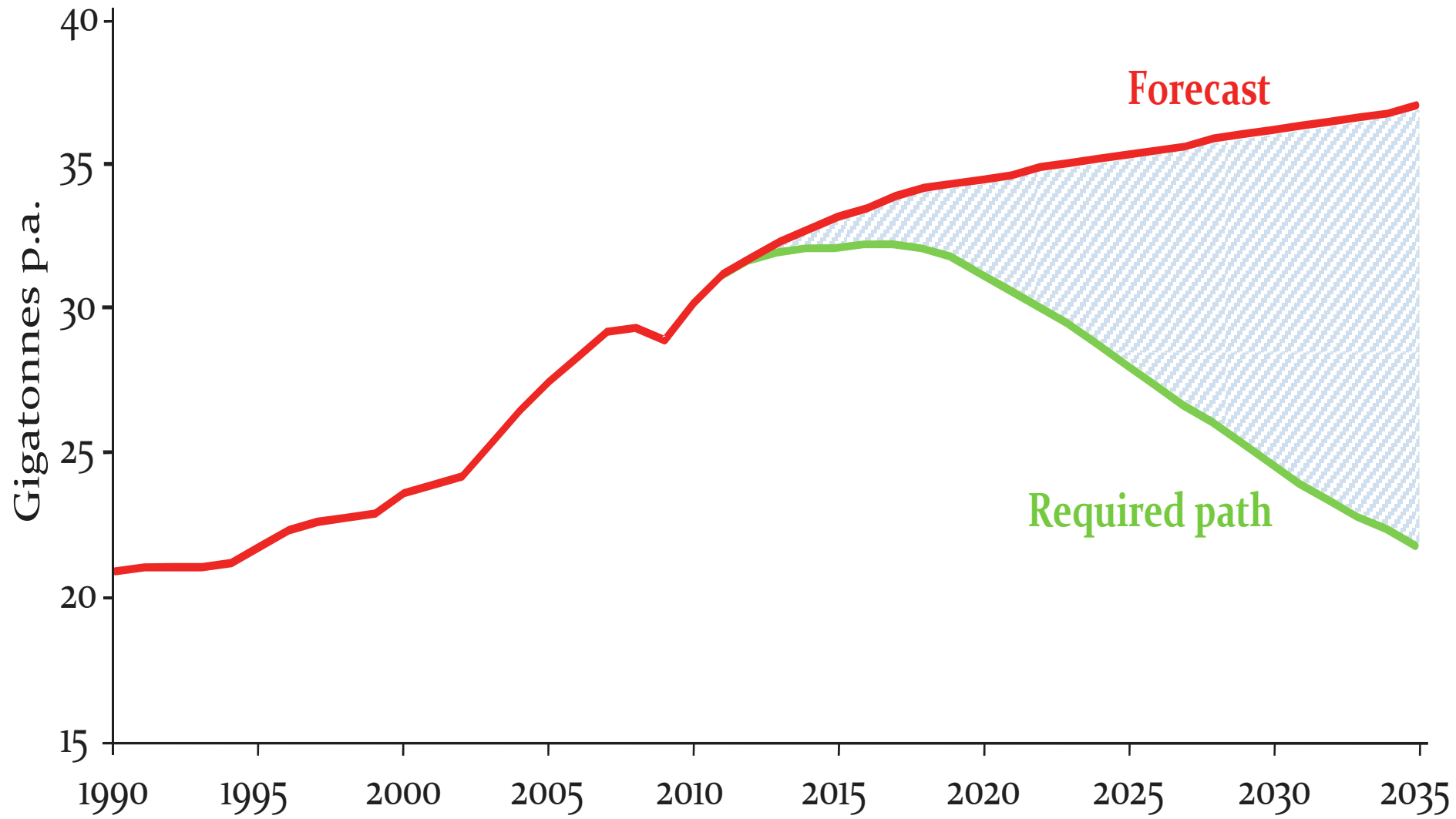
UK Foreign Secretary's Special Representative for Climate Change
Chair, Future Cities Catapult, UK



21st November 2014

Paris,

FRANCE



UK Policy

- 80% CO₂ reduction by 2050
- Defossilise the grid by 2050
- Transfer the surface transport sector onto the grid

Energy Technologies Institute

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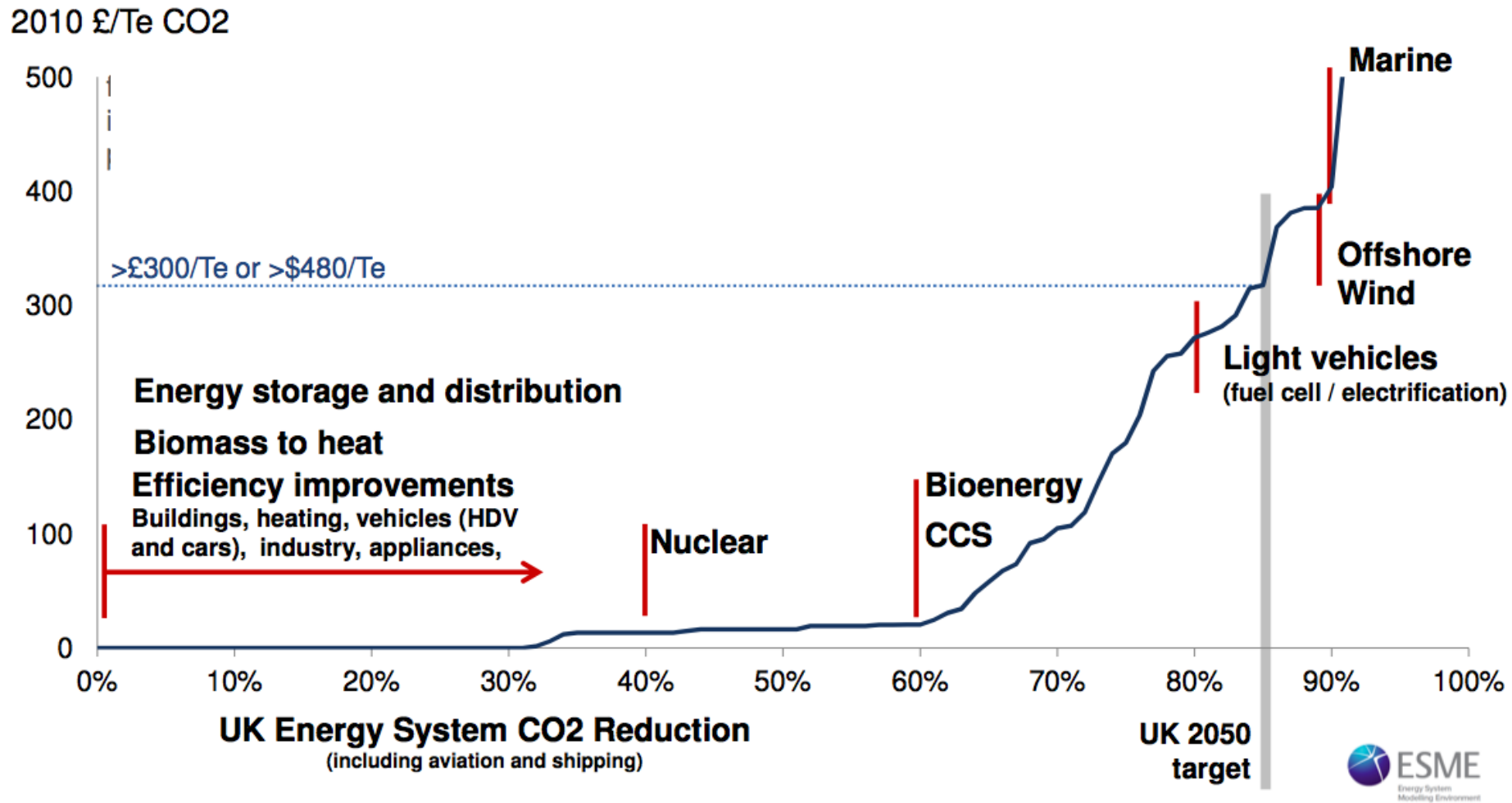
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Prospectus

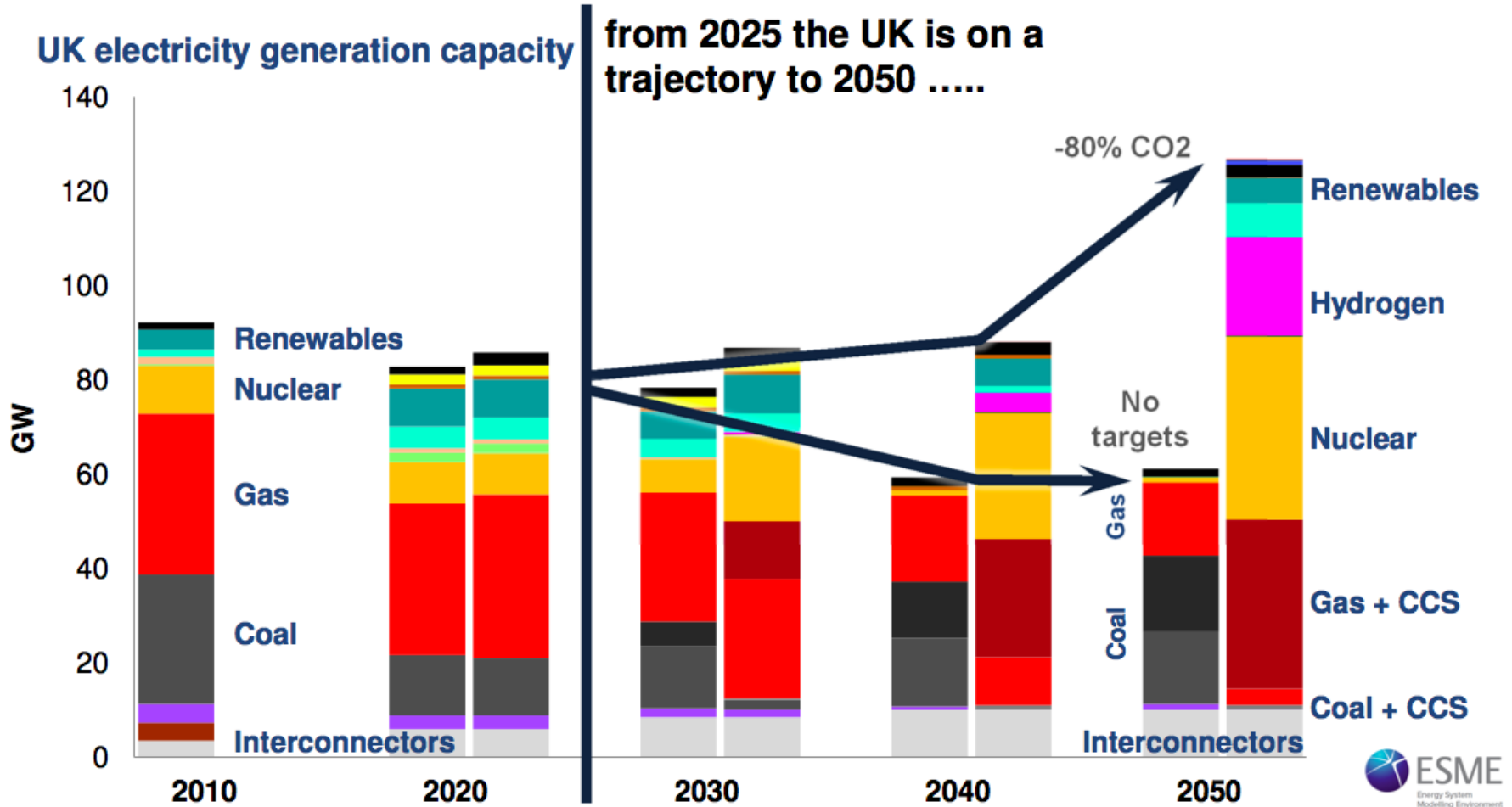
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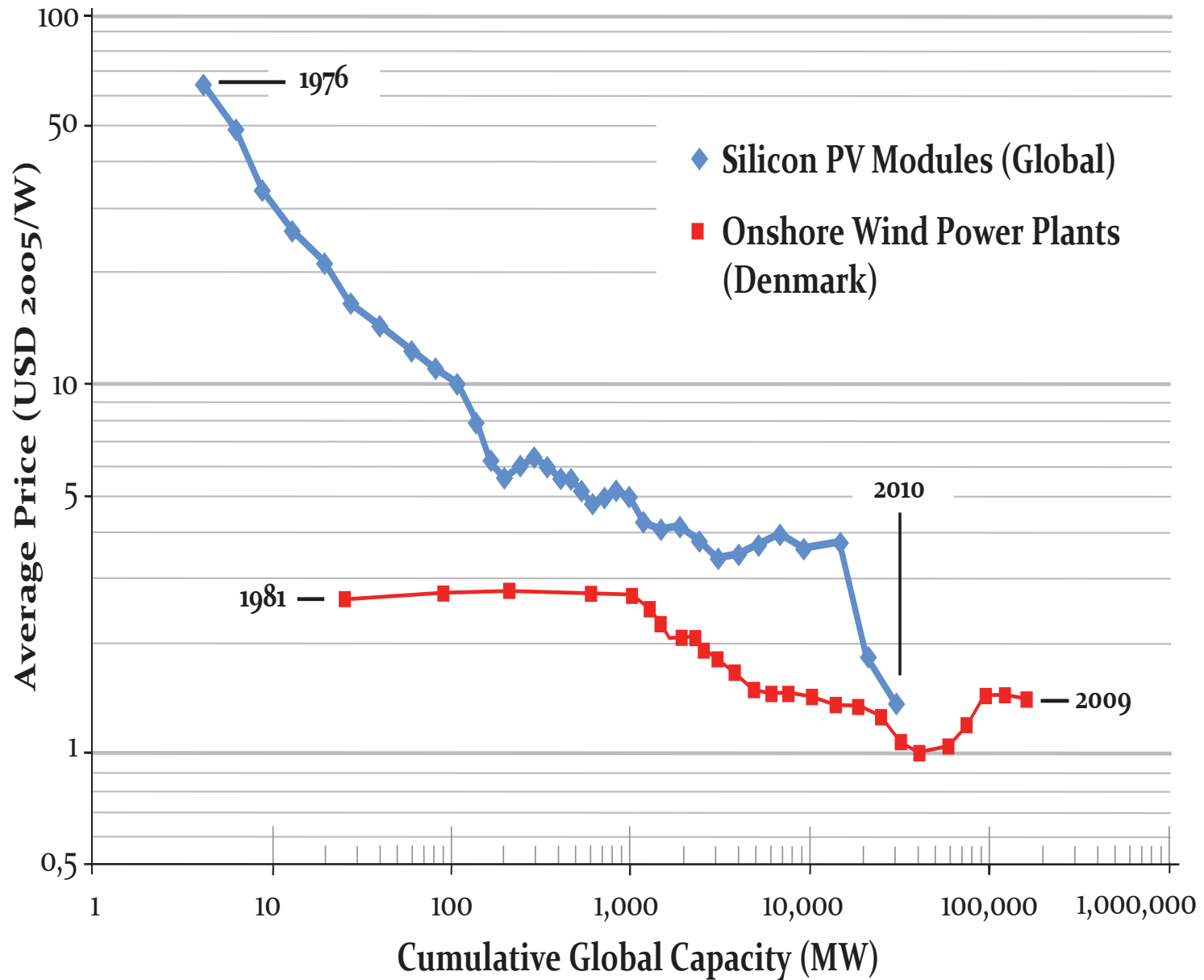
- Public-Private partnership between UK Government and industry
- BP, Shell, EDF, E:On, Caterpillar Inc, Rolls Royce, S&SEG all core partners
- Will invest over £1bn in energy research, design, demonstration and development over 10 years
- Looking to develop links with other countries

First appearance of major technologies in order of increasing effective carbon price



UK electricity generation capacity





Q : " can radical technological innovation
reduce the cost of supply?"

A : **Yes, but we need to target our
innovation support**
