International Energy Agency

Energy Technology Policy and Training and Capacity Building at the IEA

Ulrich Benterbusch, Director of Global Energy Dialogue

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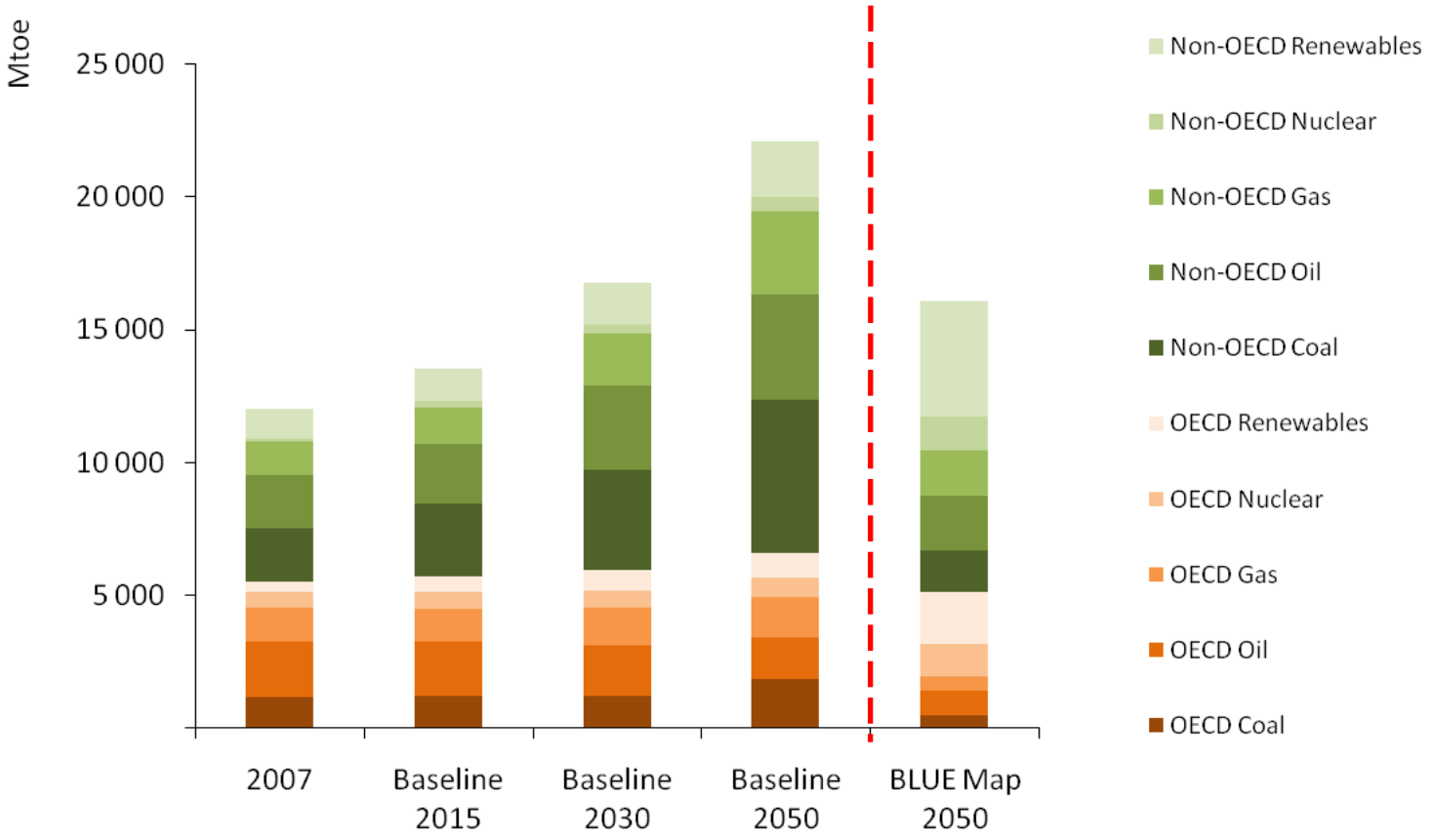
OECD and non-OECD primary energy demand



Primary energy demand in non-OECD countries is projected to increase much faster than in OECD countries.

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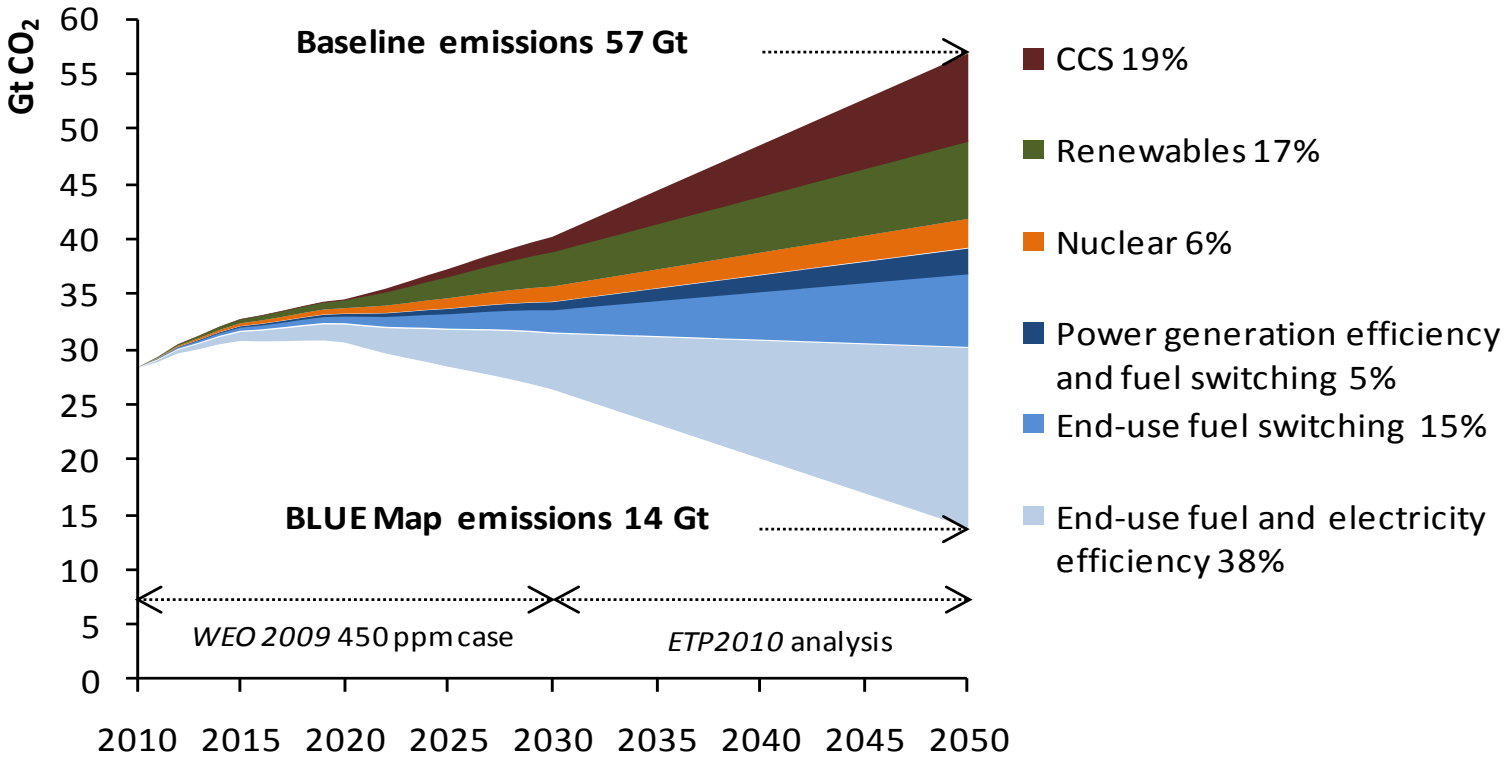
Key technologies for reducing global CO_2 emissions



A wide range of technologies will be necessary to reduce energy-related CO_2 emissions substantially.

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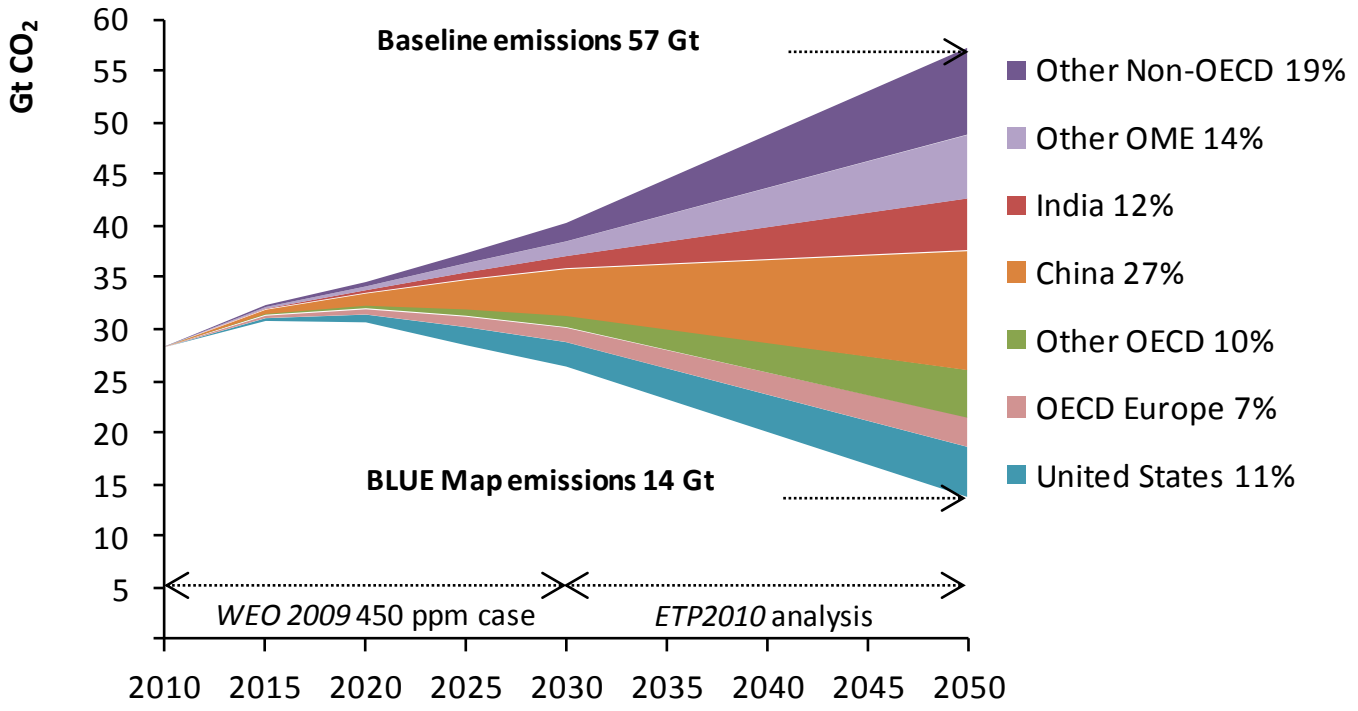
World energy-related CO_2 emissions abatement by region



In the BLUE Map scenario, most of the reductions in energy-related CO_2 emissions are in non-OECD countries.

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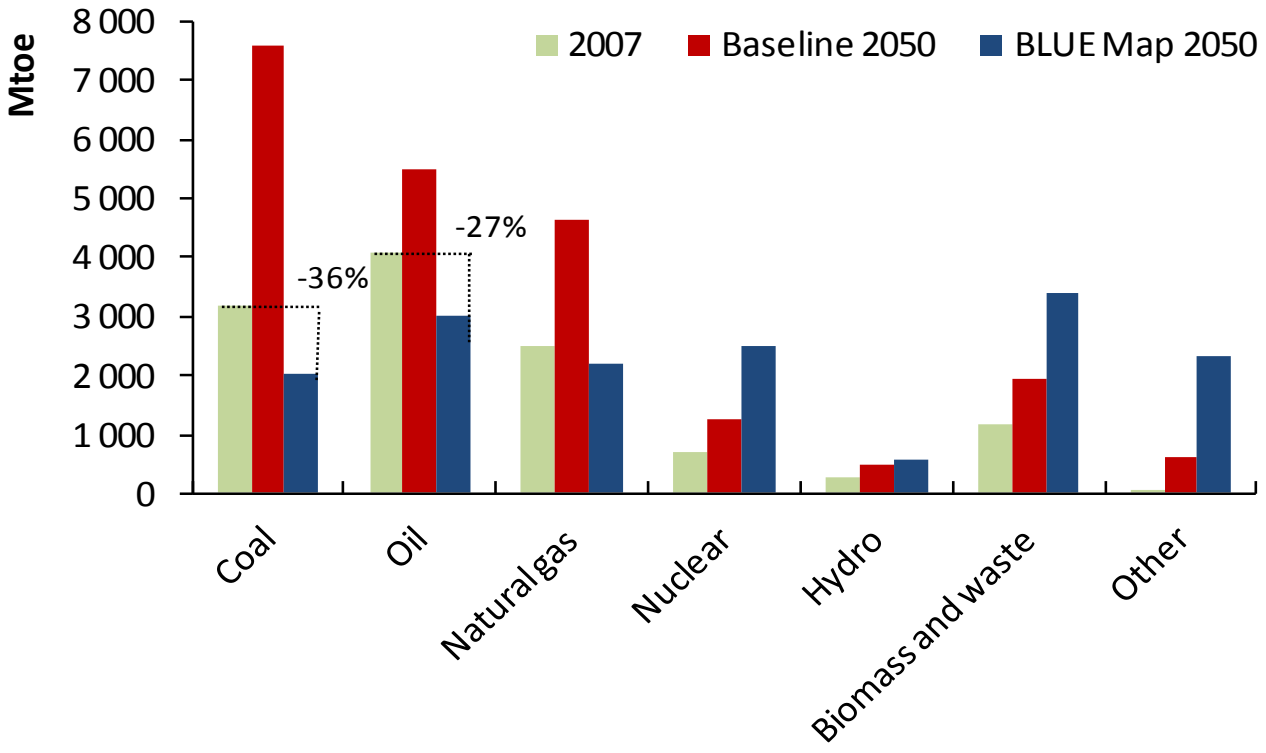
Primary energy demand by fuel and by scenario



By 2050, coal, oil and gas demand are all lower than today under the BLUE Map scenario.

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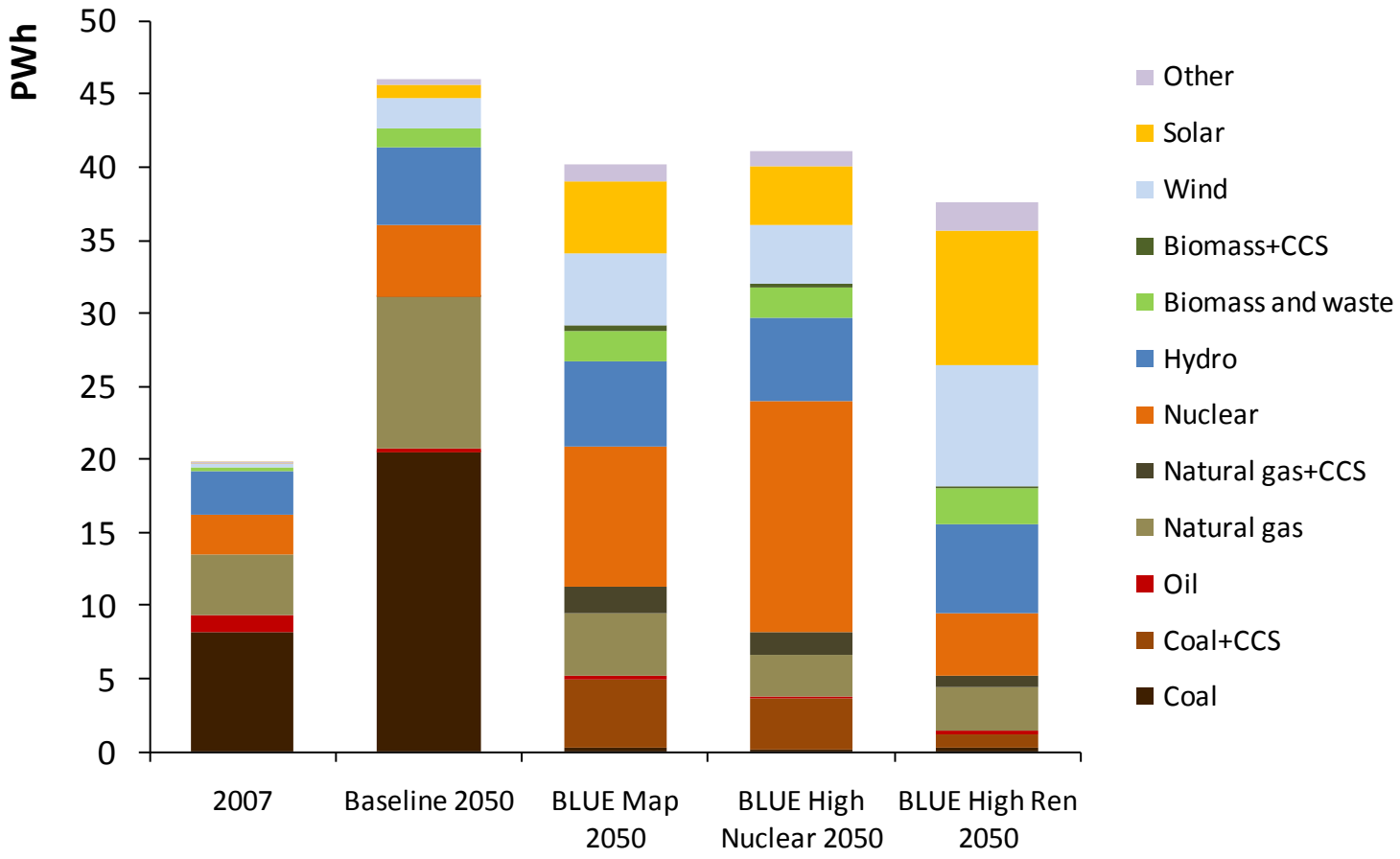
Decarbonising the power sector – a new age of electrification?



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

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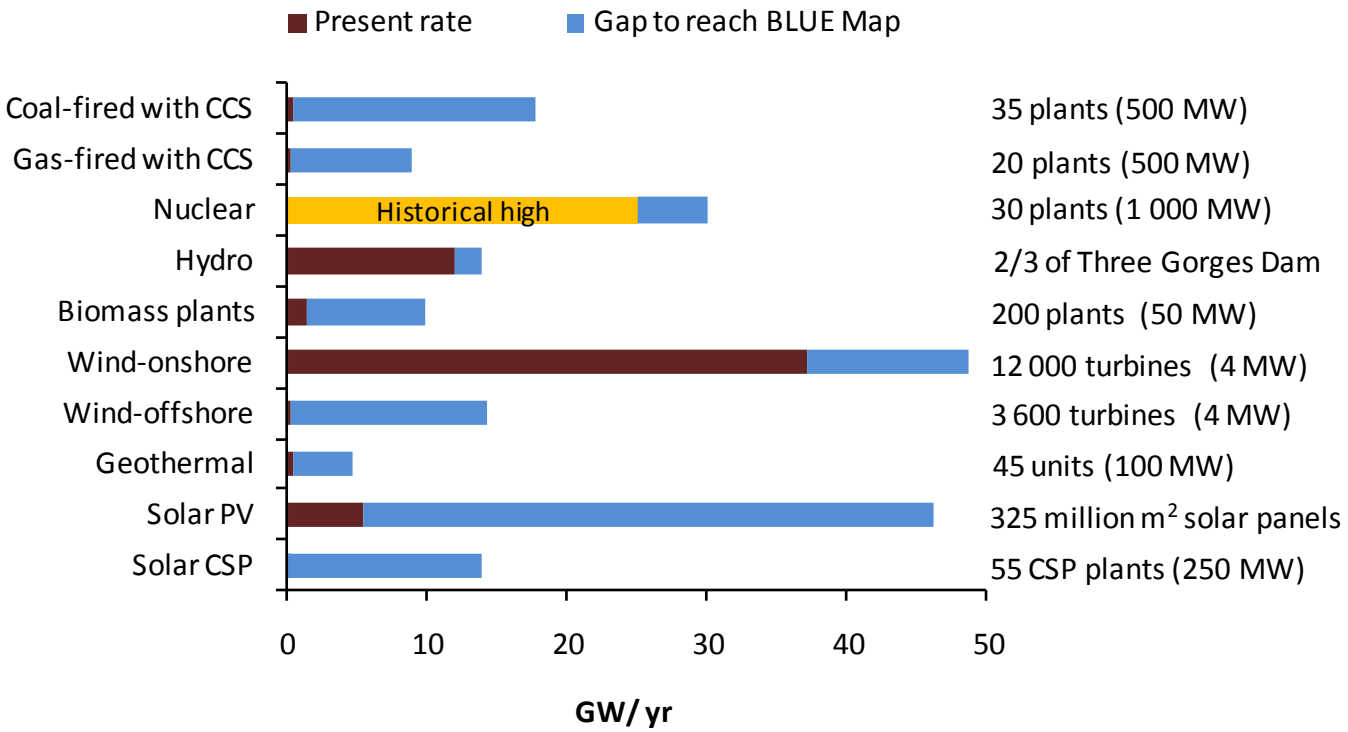
Average annual electricity capacity additions to 2050, BLUE Map scenario



Annual rates of investment in many low-carbon technologies must be massively increased from today's levels.

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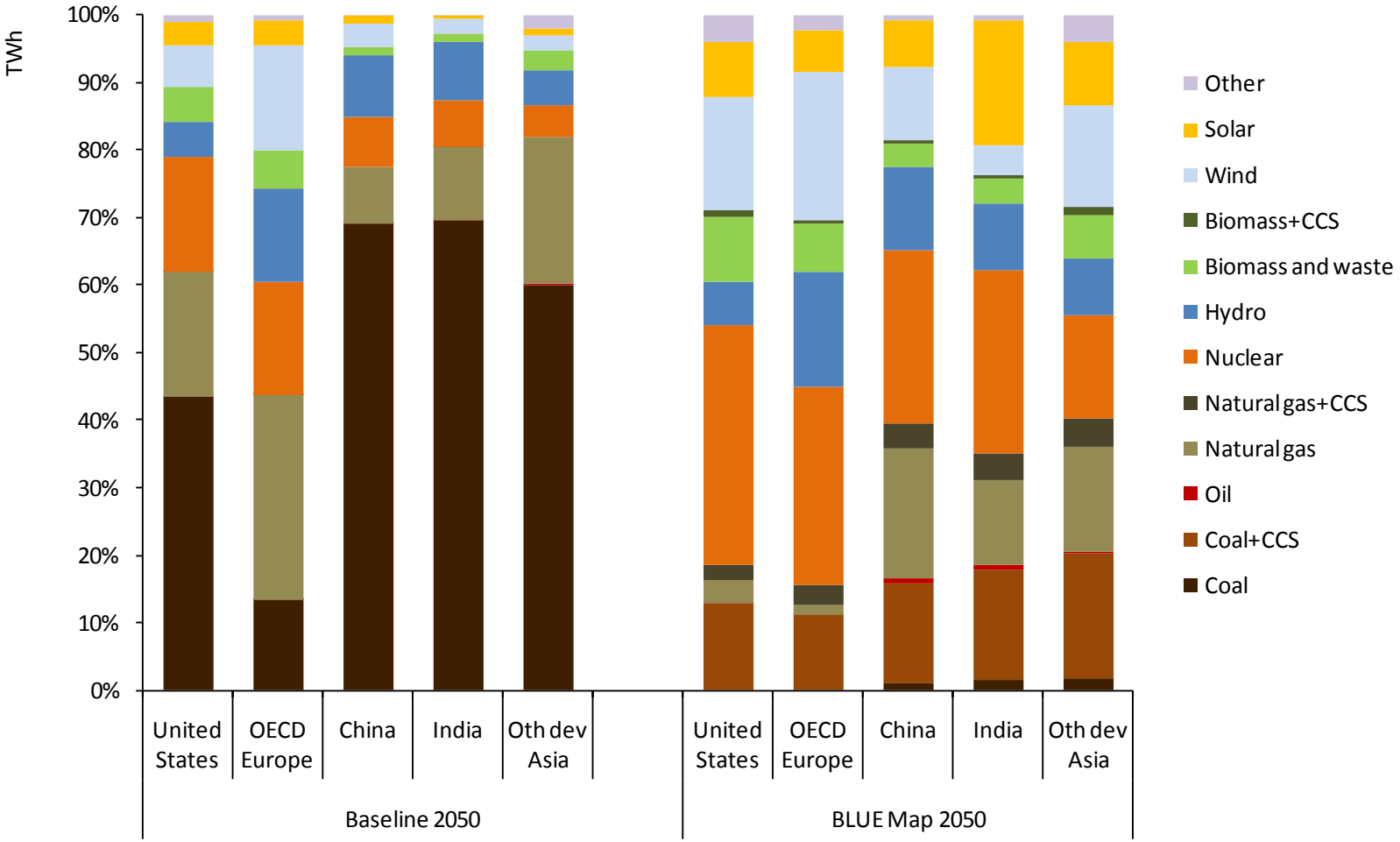
Decarbonisation of power generation



Decarbonising the power sector requires all countries to dramatically change their generation mix.

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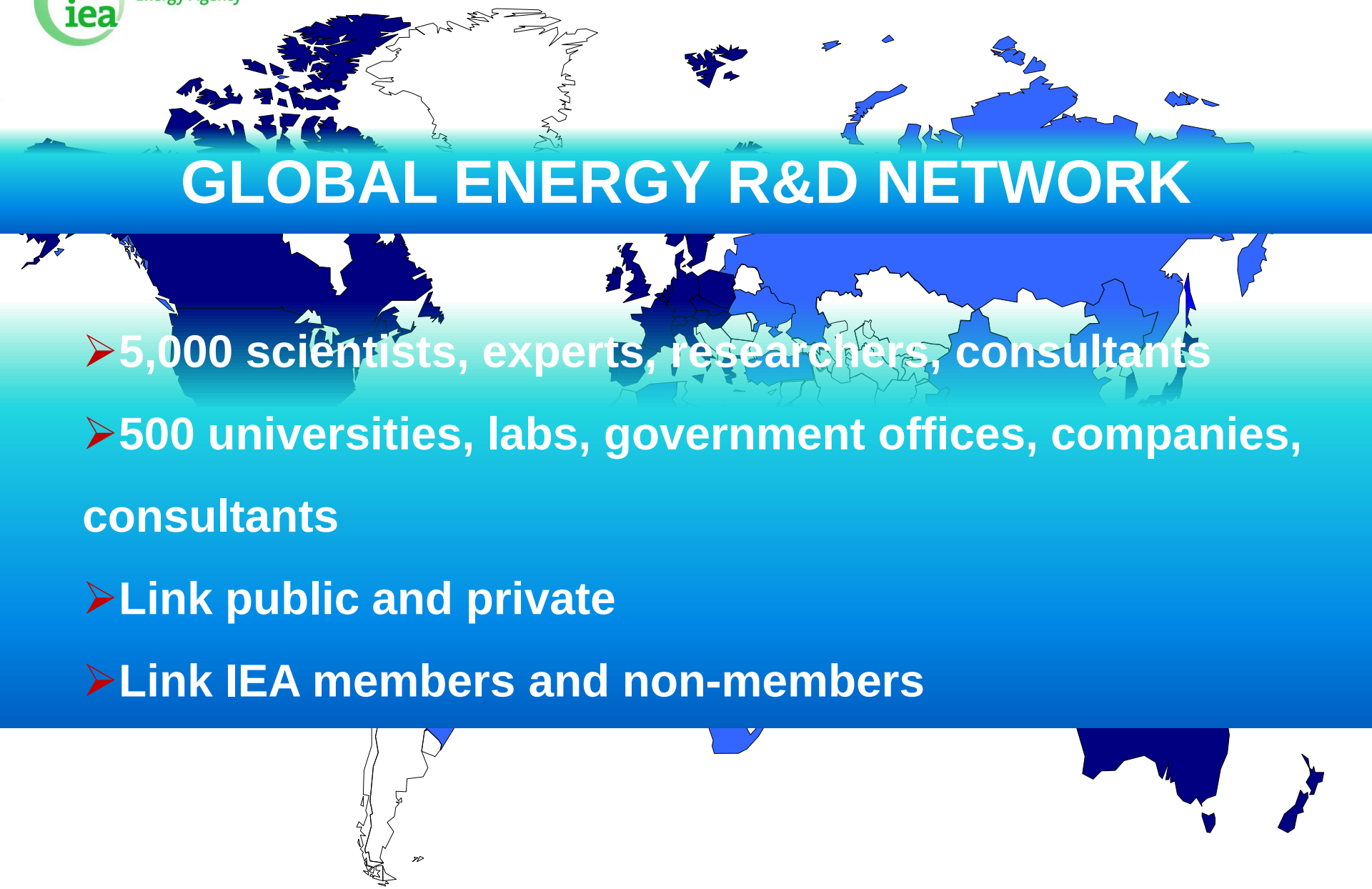
GLOBAL ENERGY R&D NETWORK



- 5,000 scientists, experts, researchers, consultants
- 500 universities, labs, government offices, companies, consultants
- Link public and private
- Link IEA members and non-members

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IEA Training and Capacity Building Programme

International Energy Agency

- Sharing globally IEA's knowledge and expertise
- Diverse curriculum of energy topics
- Participation from over 50 non-member countries to date

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IEA Training and Capacity Building Programme

- Large groups -workshops
- Small groups – practicals

- Bilateral v
- Group of countries

- At the IEA, Paris
- In host countries

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Thank You !

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