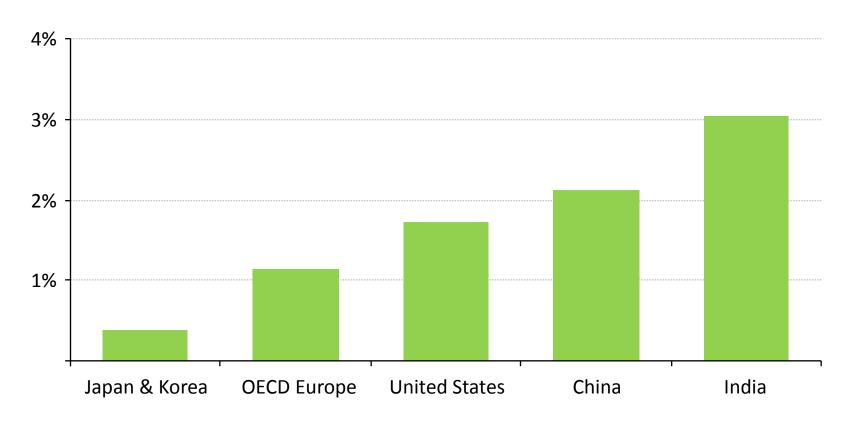
Multiple Benefits of Energy Efficiency: How to increase investments

Philippe Benoit, Head Energy Efficiency and Environment Division IEA, Paris, 20 April 2015



GDP in Efficient World Scenario versus New Policies Scenario, 2035

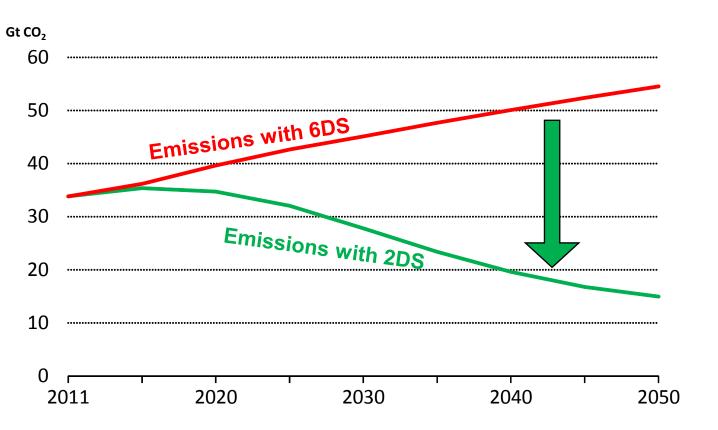


Cumulative investments in energy efficiency of \$12 trillion are more than offset by fuel savings & trigger economic growth of a cumulative \$18 trillion



Portfolio of actions to reduce energy sector emissions

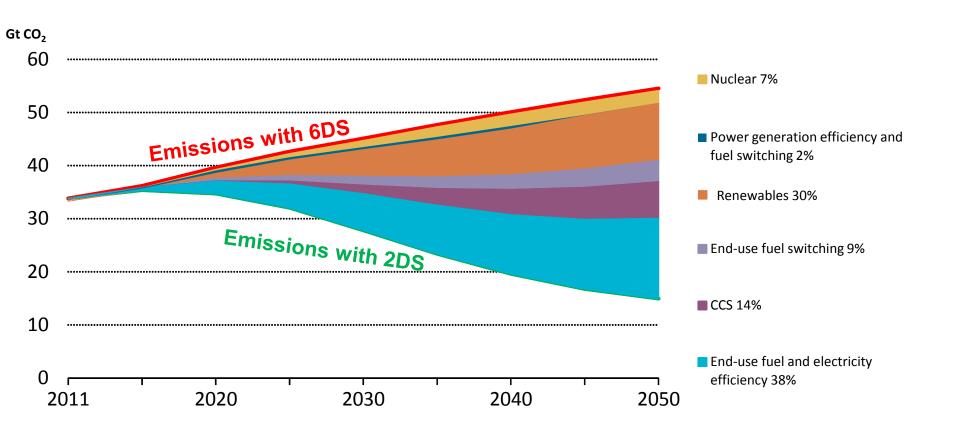
www.iea.or





Portfolio of actions to reduce energy sector emissions

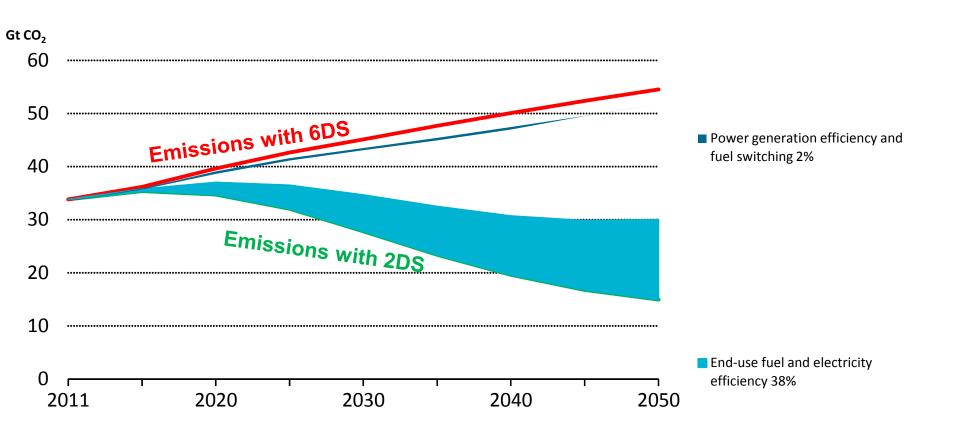
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Portfolio of actions to reduce energy sector emissions

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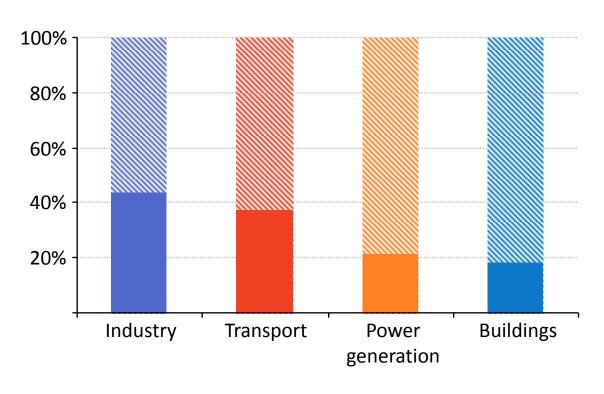


EE provides largest contribution to abatement



A huge opportunity going unrealised

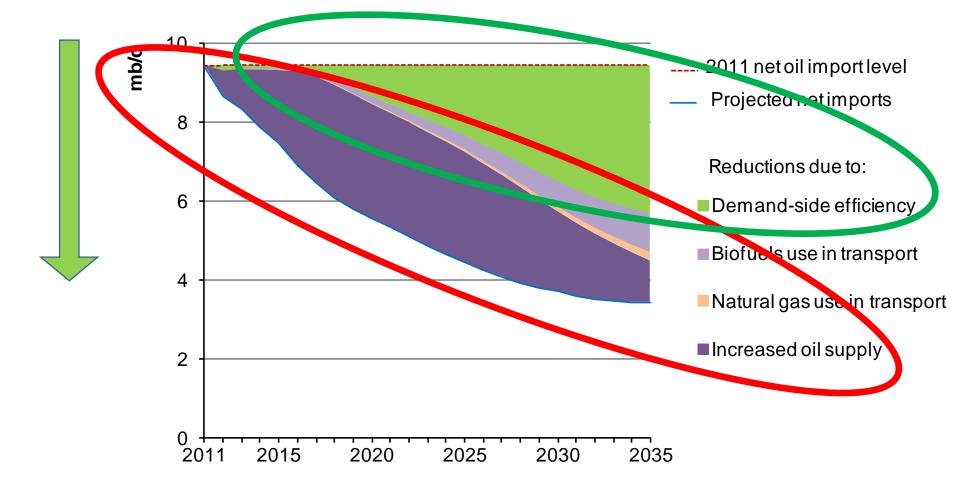
Energy efficiency potential used by sector in the WEO 2012 New Policies Scenario



- Unrealised energy efficiency potential
- Realised energy efficiency potential

Two-thirds of the economic potential to improve energy efficiency remains untapped in the period to 2035

Impact of supply- and demand-side improvements on US oil import needs



Source: WEO 2012



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The Public

International

- Energy prices
- Resource management
- GHG emissions abatement

National

More Public/Private Stakeholders

- Macroeconomic effects
- Job creation
- Energy security
- Public budget impacts

Sectoral

- Increased asset values
- Energy provider and infrastructure benefits
- Industrial productivity and competitiveness

Individual

- Health, wellbeing and social improvements
- Poverty alleviation: energy affordability & access
- Increased disposable income

Exploiting the multiple benefits of EE

Secure • Sustainable • Together

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