



Strategies to Scale-up Energy Efficiency

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Why?

- Proper pricing fuels and electricity - Fossil fuel subsidies
- Industrial energy efficiency – long capital replacement cycles;
- Focus on electrical energy efficiency not enough on thermal;
- Energy efficiency opportunities in public sector largely untapped;
- Limited focus on Energy Efficiency in the transport sector;
- Limited use of energy regulation to drive efficiency;



Who and how?



- Public sector – 10-20% GDP - Largest energy user – high energy costs– significant opportunities - public procurement – super ESCOs;
- Government - subsidy reform - prices for electricity and fuels;
- Energy Regulation – White Certificates (PAT Scheme India), EE Resource Acquisition (Portugal, South Africa);

International Collaboration



- G-20, CEM, IPEEC, IEA, WB, ADB, IDB etc.
 - Fuel and Electricity subsidy reforms and harmonisation;
 - Transportation efficiency;
- International collaboration among energy and infrastructure regulators on EE regulation.
- International collaboration at the public sector energy users;

Conclusion



- Need to increase the rate and scale of efficiency gains:
 - Look beyond electrical energy efficiency.
 - Increased role for regulation and enforcement?
 - Emphasis on fuel and electricity pricing – subsidy reforms;

Thank You

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