

STRATEGIES TO SCALE UP ENERGY EFFICIENCY GLOBALLY

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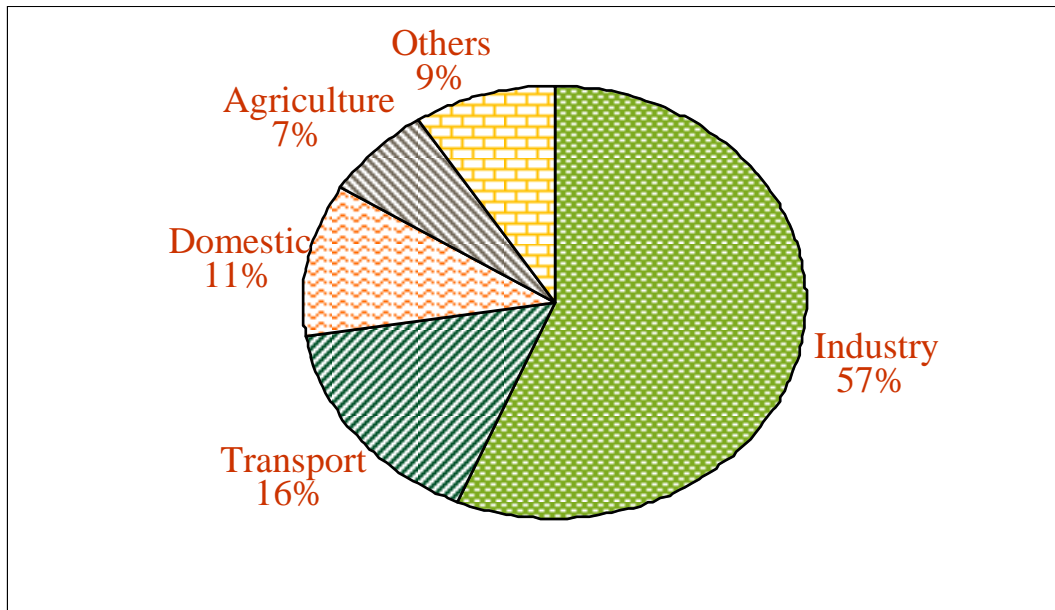
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Overview

- Energy efficiency opportunities exist across different sectors e.g. industry, buildings, transport, agriculture and power
 - Industry sector in India accounts for about 57% of total commercial energy consumption
 - 7 large industrial sectors account for 60% energy consumption
 - Large number of energy-intensive SMEs which use energy inefficiently



Accelerating the rate of EE Improvements

- Need to undertake a focused assessment of cost benefit analyses of exploiting energy efficiency opportunities in different sectors
- Communicate attractiveness of returns to relevant stakeholders
 - Need to correct policy and price signals, if financial benefits are not attractive
- Develop, demonstrate and disseminate EETs especially in SMEs in different developing countries/clusters/regions, specific to local conditions
- Focused policy actions to develop markets and promote uptake of EE products and appliances in different countries
 - e.g. Energy Conservation Act in India and its various provisions
- Enhance public private partnerships to leverage grants and funds for technology development and dissemination

Key stakeholders and their roles

Roles	Key stakeholders
Enabling policies, awareness creation	Government
Technology development, demonstration, adoption	R&D institutions, academia and industry
Technology dissemination, capacity building	Service providers and technology experts
Technology cooperation, sharing international best practices, benchmarking, knowledge sharing	International (multilateral/ bilateral agencies)

Triple helix model involving government, industry and R&D/ academic institutions for innovations in industrial energy efficiency

Internationally coordinated actions at global level

- Set international targets and benchmarking for:
 - Industrial energy efficiency at sub-sector level
 - Products and appliances
- Facilitate technological and structural changes
 - Technology cooperation, collective action and proactive participation for collaborative Research, Development Demonstration and Dissemination (RD CUBE)
 - Adopt EE at design stage rather than clinical prescription
- Enhance international financing
- Improve knowledge sharing – information clearing house, experience sharing, networks, ...

Thank you



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