

Large-scale Energy Efficiency in Indian Buildings

The Impact and Role of the Energy Conservation Building Code



U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy

Overview:
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International Program

Outreach Partner Acknowledgement



Indian Society of Heating Refrigerating & Air Conditioning Engineers



Indo-U.S. Collaboration: Indo-U.S. Energy Dialogue



"The relationship between the world's oldest and largest democracies should not only be for the benefit of the two countries, but should emerge as a powerful force of good for peace, stability and prosperity in the world."

Narendra Modi
Honorable Prime Minister of India



"The relationship between the United States and India will be one of the defining partnerships of the 21st century."

Barack Obama
President of the United States

Indo-U.S. Collaboration: Partnership to Advance Clean Energy (PACE)

PACE-D

(Deployment)

- Renewable Energy
- Energy Efficiency
- Clean Fossil
- Clean Energy Finance

PACE-R

(Research)

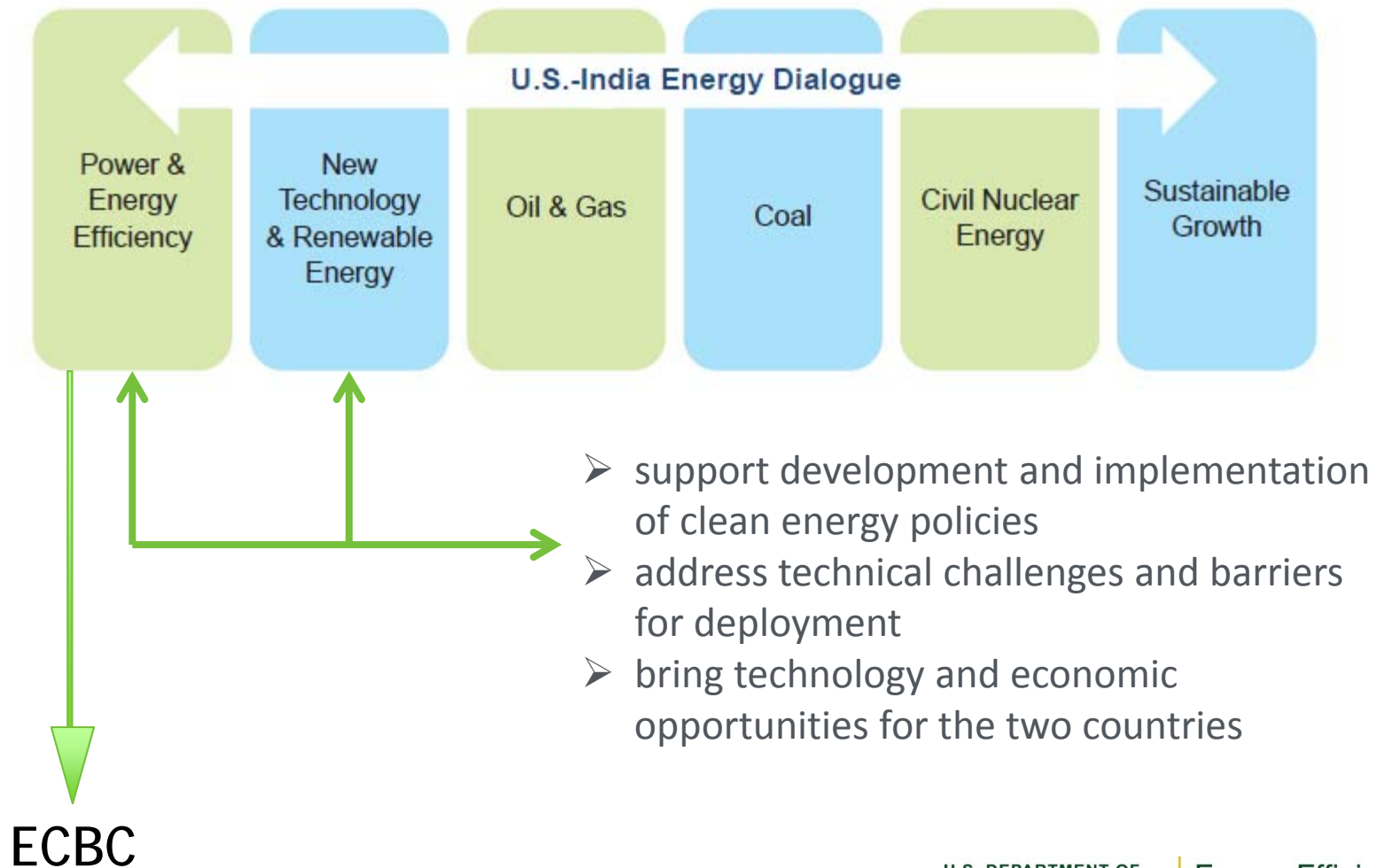
- Solar Technology
- Energy Efficiency in Buildings
- Advanced Biofuels

PEACE

(Energy Access)

- Off-Grid Renewable Energy

Indo-U.S. Energy Dialogue : 6 working groups



Power and EE WG supports ECBC Adoption in Rajasthan

DOE and PNNL have worked with Government of Rajasthan and MNIT to roll out ECBC since 2011.

Training:

- Held training workshops and stakeholder meetings (2011) on implementation mechanism, training needs and local market for EE products.
- Developed set of training materials on ECBC 101

Institutional Support and Incentives:

- Developed ECBC implementation roadmap
- Included ECBC compliant buildings in the annual Rajasthan Energy Conservation Awards (RREC)



Two ECBC pilot buildings on MNIT's campus

Design Centre: two additional floors (completed)

Lecture Hall and Theatre Complex (ongoing)