




# Building Energy Efficiency Community of Practice

## Communities of Practice

A Community of Practice (CoP) is a network of engaged experts and practitioners from a sector or working area who come together as a group to regularly engage in peer-to-peer learning to improve their personal and collective group knowledge. The network offers an alternative to conventional knowledge sharing platforms that usually feature top-down development assistance and policy adoption by providing an inclusive member experience. The activities of each CoP focus on peer learning, expert assistance and knowledge exchange through discussions, workshops, seminars, case studies etc. in topics found to be of relevance to the members. There are five CoPs under the Asia LEADS Partnership (ALP).

<b>Grid Renewable Energy</b> 	<b>NDC Finance</b> 	<b>Clean Mobility</b> 	<b>Sub-National Integration</b> 	<b>Building Energy Efficiency</b> 
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## Objectives

The Building Energy Efficiency (BEE) CoP focus on building energy efficiency activities and convergence of sub-national building energy efficiency plans at national levels. The BEE CoP activities are designed with an intent to capture, support and facilitate the needs of sub-national governments to promote uptake of actions to enhance building energy efficiency.

## Key BEE CoP Activities

	Assisting governments to address challenges faced while implementing building efficiency measures, at both the sub-national as well as national level across the Asian region
	Developing quick response and sharing solutions, best practices and learnings centred on building efficiency to accelerate building efficiency uptake in the region
	Supporting member governments and organisations to implement recommended solutions and interventions in a targeted and cost-effective manner

Figure: Member Countries of ALP Building Energy Efficiency



**100+ Members**

From

**14 Asian Countries**

that include

**Bangladesh, Bhutan, China, India, Indonesia, Malaysia, Nepal, Pakistan, Palestine, Philippines, Singapore, Sri Lanka, Thailand, Vietnam**

## Glimpses of BEE CoP Activities

### Webinar: Enabling Building Efficiency Uptake through Policy Actions

The session introduced participants to policy options and approaches that can help to tap into efficiency opportunities across building typologies. Government representatives and experts from India, Malaysia, and USA shared their experiences and insights from policies and programs to scale up building efficiency, including key aspects for effective design, implementation and compliance of policy actions to overcome on-ground barriers. You can access the session recording [here](#).

### Webinar: Technologies and Solutions to deliver improved Energy Efficiency in Buildings

The session focused on introducing the participants to the right suite of technology solutions and practices that can help in cost-effective implementation of energy efficiency measures in new and existing buildings. Energy efficiency experts from India, Mongolia, Germany and USA, who shared their insights on such technologies and practices. Insights from buildings energy efficiency interventions implemented in two Building Efficiency Accelerator (BEA) cities were also shared with the attendees. You can access the session recording [here](#).

### Webinar: Financing Solutions for Improved Building Efficiency in Cities

The webinar focused on financing solutions and related measures that cities, particularly ones in the Asian region, can adopt to support efficiency improvements locally. Financing options along with case studies were discussed by the speakers and panellists. Participants were provided with an opportunity to exchange their learnings and experiences on the same. You can access the session recording [here](#).

### Webinar: Energy Benchmarking to realize improved Energy Efficiency in Buildings

The session highlighted opportunities that energy benchmarking offers to cities to advance building efficiency. Experiences and insights on energy efficiency benchmarking efforts from the region were shared with participants to support replication of similar initiatives.

## Speakers



**Ivan Jankovic**, Buildings Performance Institute, Europe



**Autif Sayyed**, IFC – World Bank



**Anurag Bajpai**, Green Tree Building Energy Ltd.



**Dhruv Jain**, Green Tree Building Energy Ltd.

## Knowledge Products under BEE CoP

### CASE STUDY

#### Benchmarking energy use for improving building energy efficiency in Nagpur

This case study captures Nagpur city's efforts in understanding the energy performance and identifying the potential and opportunities for energy efficiency actions in a small portfolio of buildings in the city.

Nagpur has been long interested in integrating green building principles into the design of social housing buildings and in improving the energy efficiency of existing stock of commercial and institutional buildings in the city. In this context, Nagpur joined the Building Energy Accelerator (BEA) initiative in 2018. As part of its deeper engagement with Nagpur, the BEA initiative supported the city in conducting pilot-level benchmarking study and energy audits to understand and identify the energy efficiency improvement opportunities in the city's buildings.



The benchmarking study was undertaken for 10 public office buildings owned by the Nagpur Municipal Corporation (NMC) and 10 private hotels in Nagpur city, and helped the city to create a project pipeline for energy efficiency investment.



## Priority topics

The BEE CoP focus on learning and technical collaboration on the following key topics:

### Building Energy Efficiency Policy

Providing policy options to design a locally appropriate policy package that can help national and sub-national governments to address challenges and bridges the efficiency gap. It can also help them tap into opportunities available across different building types.



### Building Energy Efficiency Financing

Financial instruments and approaches to encourage greater investments and enable implementation of building efficiency actions at scale by tackling economic barriers, lowering risks, and expanding the pool of available funds.



### Building Energy Efficiency Technologies

Adoption of the right suite of technology solutions and practices to realize energy savings in a cost-effective manner, both in the design and construction of new buildings and in the renovation of existing/old buildings for improved efficiency.



Individual members and organizations within the city, provincial and national government agencies, technical institutions, private firms, NGOs and/or international organizations that are working on furthering building efficiency implementation, from across the Asia region are invited to join the Building Energy Efficiency CoP. Membership is voluntary, free of cost, and unlimited in duration. **Sign-up form** for the BEE CoP.

To know about other Communities of Practice, you can join as an ALP member (as an individual/organization) by completing a cost-free membership **sign-up form**.

## Contact

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