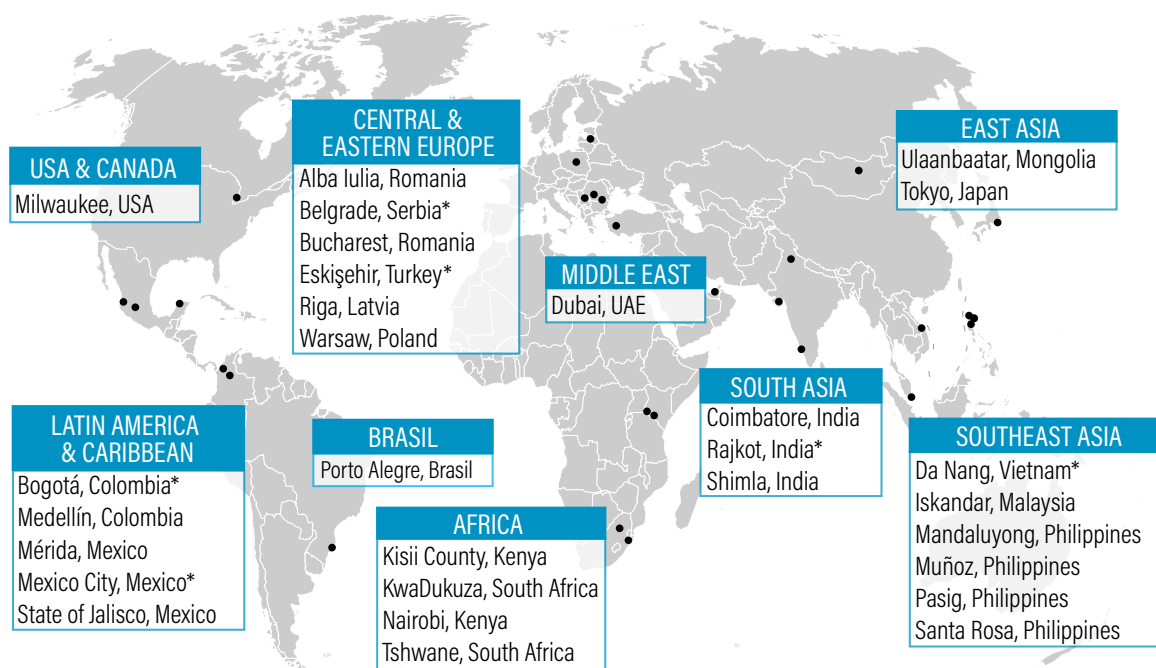




Achieving Low-Carbon Buildings through Public-Private Collaboration in Cities



*City selected for "Deep Dive" engagement

One-third of the world's energy is consumed by buildings, and the vast majority of buildings are deeply inefficient. **The Building Efficiency Accelerator (BEA) is a partnership of businesses, NGOs and multilaterals assisting local governments to take action to improve their buildings.**

Each city that joins the Building Efficiency Accelerator commits to implement three building efficiency actions: a demonstration project, a policy and a method to track progress. These actions are the foundations for continued efficiency improvements, reducing costs, emissions and risks while improving residents' health and economic opportunity.

Our 2015-2017 Activities

- Reached **253 cities** with BEA resources
- Obtained **47 commitments** on building efficiency action from 25 cities
- Hosted **9 global or regional events**, with over 300 participants
- Convened more than **18 local events**, meetings and workshops in partner cities, with over **500 participants**
- Held **21 webinars**, with over 1,000 participants from 121 countries

Estimated 2018-2030 impacts of actions under development in 6 BEA Deep Dive cities

Energy savings

12.2 Terawatt-hours

EQUIVALENT TO: 1,360,828 US homes' electricity use for one year

GHG emissions avoided

5.8 million tons CO₂-equivalent

EQUIVALENT TO: 1,126,696 Passenger vehicles driven for one year

Energy cost savings

US\$ 8.1 billion

Expanding scale and impact in 2018-2019

- Deepen partnerships with existing BEA cities
- Expand the network to include new city and national government partnerships
- Strengthen private sector engagement
- Improve coordination between national and local policies and actions
- Facilitate the development and financing of project pipelines
- Help cities institutionalize policies for long term impact



BEA's Unique Offer: Local stakeholder partnerships accelerate building efficiency action and increase ambition.

Multi-stakeholder engagement builds a shared vision and broad support

In the several municipal departments in City of **Tshwane, South Africa** with jurisdiction over building efficiency, staff awareness was low and coordination limited. Tshwane established an advisory group with **representatives from many city departments** and external stakeholders to improve collaboration. Now, a private company on the advisory group is assisting the city with a building performance audit for its BEA pilot project and the health department is looking to build two new clinics as green buildings.

Clear process, goals and responsibilities enable accountability and progress

Bogotá, Colombia had a mandate to implement the national building code but lacked a process for implementation. With support from the Colombia Green Building Council, Bogotá's government and local stakeholders established **a clear 18-month workplan, strong communications and a drumbeat of activities**. This has resulted in local media coverage and mayoral commitment to implementation of a more robust building code.

Project pipeline preparation builds the foundation to obtain finance

Mexico City, Mexico recognized early on the need to improve energy efficiency in public buildings. Through the city's Climate Change Fund, the local government is carrying out energy retrofits in four buildings as well as -investment-grade energy audits for 15 buildings by December 2017. In addition, the city is **developing a financial strategy** to replicate this model of audits and retrofits for at least 2,400 public buildings.

Global recognition and partnerships deepen city commitment and capacity to deliver

High-level platforms such as Sustainable Energy for All (SEforALL) elevate city actions on building efficiency. At the **SEforALL Forum** in April 2017 in New York, the BEA held events with nine cities and 18 BEA partner organizations to **build visibility of city actions and develop technical and financial relationships**. The BEA initiated finance conversations between cities and several major funders.

BUILDING EFFICIENCY ACCELERATOR (BEA) GLOBAL PARTNERS

