Building Efficiency Accelerator:
How does the BEA help with policy design?

Eric Mackres
March 31, 2016
What does the BEA provide?

**Local action prioritization process**

Collaborative, multi-stakeholder assessments and workshops to define and prioritize policies and projects.

**Tools, expertise and solutions**

Technical support through trainings, tools. Access to network of subject matter experts and service providers.

**Funding opportunities**

Connect projects in need to financial partners who can provide funding to efficiency actions.

**International recognition and collaboration**

Recognition of efficiency actions at international events. Knowledge sharing through a global network of peers.
BEA City Engagement Process

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Commitment
• Expression of interest submitted by the city to the Accelerator
• Commitments discussed and agreed with the city’s authorities

Assessment
• A high-level assessment, using available tools and data, to explore local opportunities for energy efficiency improvements through policy and programs

Development
• Organization of multi-stakeholder workshop on specific actions and areas of interest
• Review/update action plans for energy efficiency programs or projects
• Introductions to financial organizations

Implementation
• Access state-of-the-art technical solutions and best practice policy, program and project expertise through SE4ALL Accelerator network partners
• Program/project initiated
• Funding approach identified

Improvement
• Establishing an energy efficiency performance baseline and tracking of annual performance improvement
• Participation in peer-to-peer, best practice sharing events through virtual meetings and in-person summits

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Deep Dive
### Menu of city-level actions to improve building efficiency

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<tr>
<th>Cross-sector Mechanisms</th>
<th>Stakeholder Strategies</th>
<th>Details</th>
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<tr>
<td><strong>Codes &amp; Standards</strong></td>
<td><strong>Building Owner &amp; Occupant Actions</strong></td>
<td>• Building energy codes and product standards establish minimum requirements for energy performance.</td>
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<tr>
<td><strong>Targets</strong></td>
<td><strong>Technical &amp; Financial Services Capacity</strong></td>
<td>• Targets to align interests and spur action to improve efficiency in the building sector.</td>
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<tr>
<td><strong>Performance Info &amp; Certifications</strong></td>
<td><strong>Utility Actions</strong></td>
<td>• Data, baselines, disclosure and certifications for market differentiation of building performance or attributes.</td>
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<tr>
<td><strong>Finance &amp; Incentives</strong></td>
<td></td>
<td>• Programs and incentives to provide funding to building efficiency improvements.</td>
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<tr>
<td><strong>Government Leadership Programs</strong></td>
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<td>• Programs to support government efficiency, including public building retrofits and innovative procurement.</td>
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<td></td>
<td><strong>Building Owner &amp; Occupant Actions</strong></td>
<td>• Building operations, occupant behavior.</td>
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<td></td>
<td><strong>Technical &amp; Financial Services Capacity</strong></td>
<td>• Market development and skilled workforce for private providers of building construction, services &amp; equipment</td>
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<tr>
<td></td>
<td><strong>Utility Actions</strong></td>
<td>• Planning and programs by utility companies for energy efficiency improvement.</td>
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Source: Institute for Building Efficiency, *Driving Transformation* (2012) and WRI.
Building Efficiency Policy Assessment Tool

- Workshop tools to obtain stakeholder input for prioritizing and sequencing actions
- Part of Driving Transformation, and forthcoming WRI update
- Available for download at http://bit.ly/1RP3wLa
Case Study: Mexico City

• September 2014 commitment from Mexico City government to:
  – Implement a building energy code
  – Retrofit public buildings

• Launch event and workshop for common vision – March 2015
  – 100 multi-stakeholder participants – including city government, federal government, businesses, finance, civil society and consulting

• Action plan now underway: 4 workgroups chaired by Mexico City government staff and an SE4All partner, project managed by WRI/CTS EMBARQ
  – Technical workshop on building retrofits and finance
  – Recommendations on action by government and stakeholders delivered in October; Actions announced at COP 21 in December
  – Program implementation: January 2015-October 2016
## Case Study: Mexico City

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<td>Exploration</td>
<td>Examination</td>
<td>Evaluation</td>
<td>Implementation</td>
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**March - May 2015**
- **Launch Workshop**
- **Taking stock and developing a vision**
  - Where are we today?
  - What do we want to accomplish?

**June - August**
- **Working Group meetings and technical workshop**
- **What are the barriers?**
  - Political
  - Economic
  - Technical
  - Administrative

**Sept. - Nov.**
- **Recommendations developed and presented to Mexico City government:**
  - Code implementation
  - Building retrofits
  - Financing program
  - Administrative/procurement

**Dec. ’15 - Nov. ‘16**
- Work plan leveraging partner competencies
- **Activities:**
  - Code adoption
  - Code implementation
  - Building audits
  - Building retrofits
  - Financing
  - Administrative changes
We welcome new national and sub-national partners!

Upcoming Commitment and Recognition Opportunities

- Climate Action 2016 Summit – Washington May 2016
- International Sustainable Building Conf. – Costa Rica May 2016
- Global Green Growth Forum – Copenhagen June 2016

For more information or to join as a partner, contact:

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[www.se4all.org/energyefficiencyplatform/building-efficiency/](http://www.se4all.org/energyefficiencyplatform/building-efficiency/)