

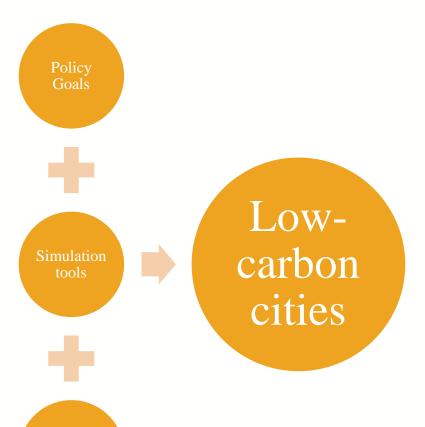
#### Today's Webinar

- 1. Introduction Maryke van Staden, ICLEI
- 2. Mapping of building efficiency tools -Nate Aden, WRI Ksenia Petrichenko, C2E2
- 3. Tools application case studies -Peter Graham, GBPN Christian Daniel Mahler, World Bank
- 4. Conclusion Jennifer Layke, WRI

#### Introduction



# The Opportunity: tools to link new data, technology, and policy goals

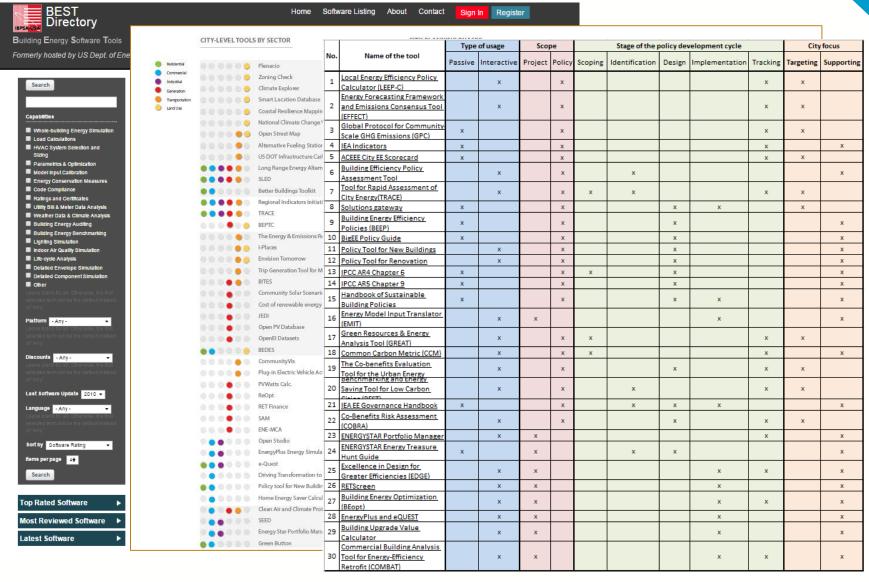


Bottom-up

Options for summary tracking metrics:

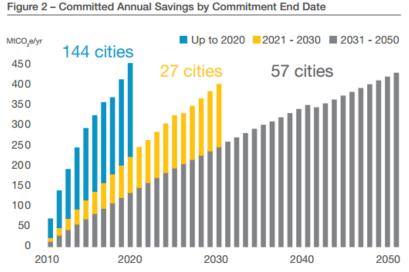
- Total city-wide energy use or emissions
- Aggregate building intensity (energy or emissions/m²)
- Number of certified buildings/projects
- CDM methods
- Number of net-zero buildings
- Policy demonstration projects

#### There are numerous building- and city-



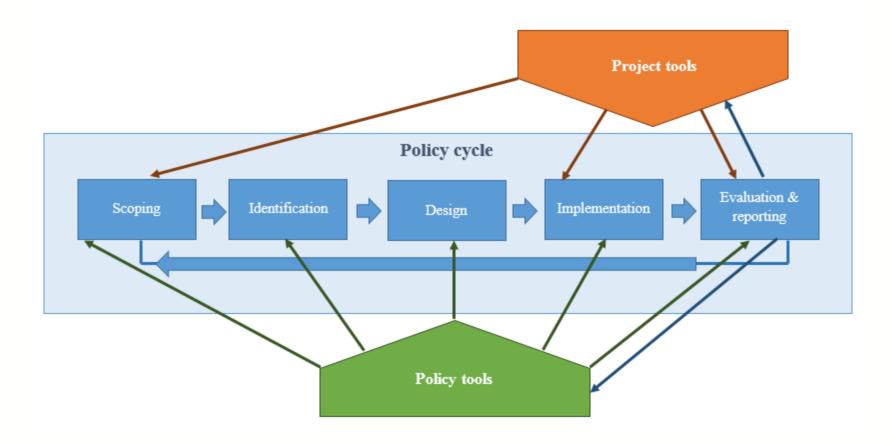
The challenge is to harmonize existing tools to connect building stakeholders with outcomes

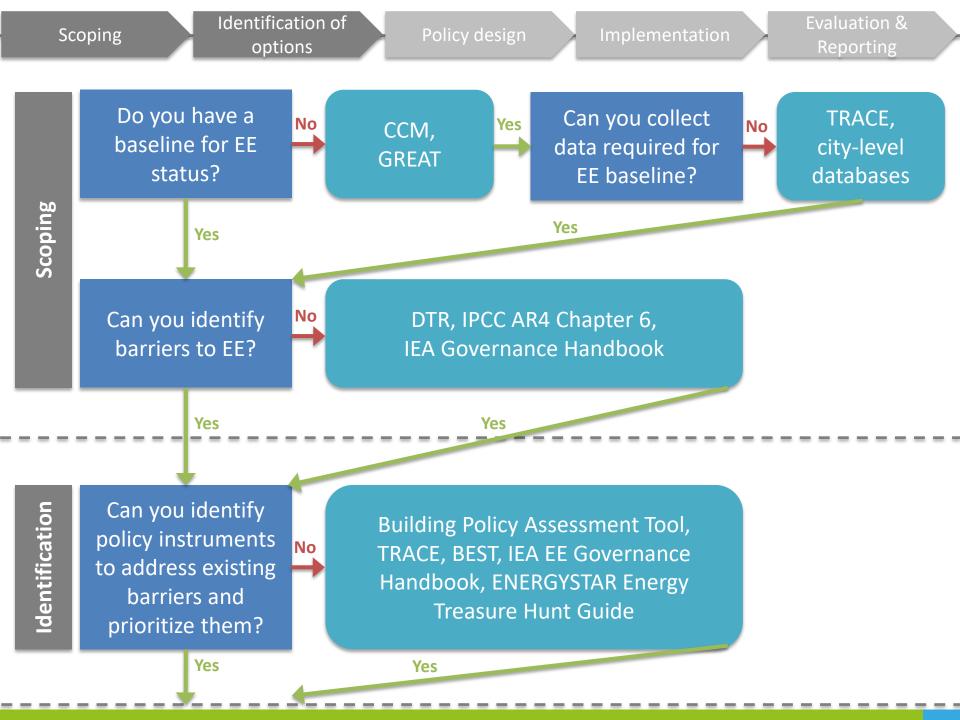


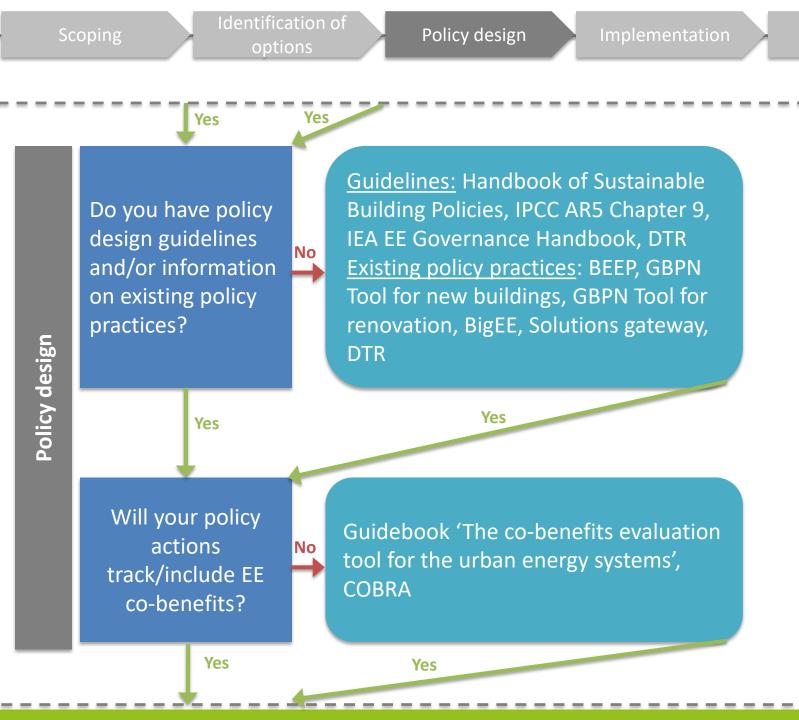


228 global cities, representing 436 million people, have already set GHG reduction goals and targets

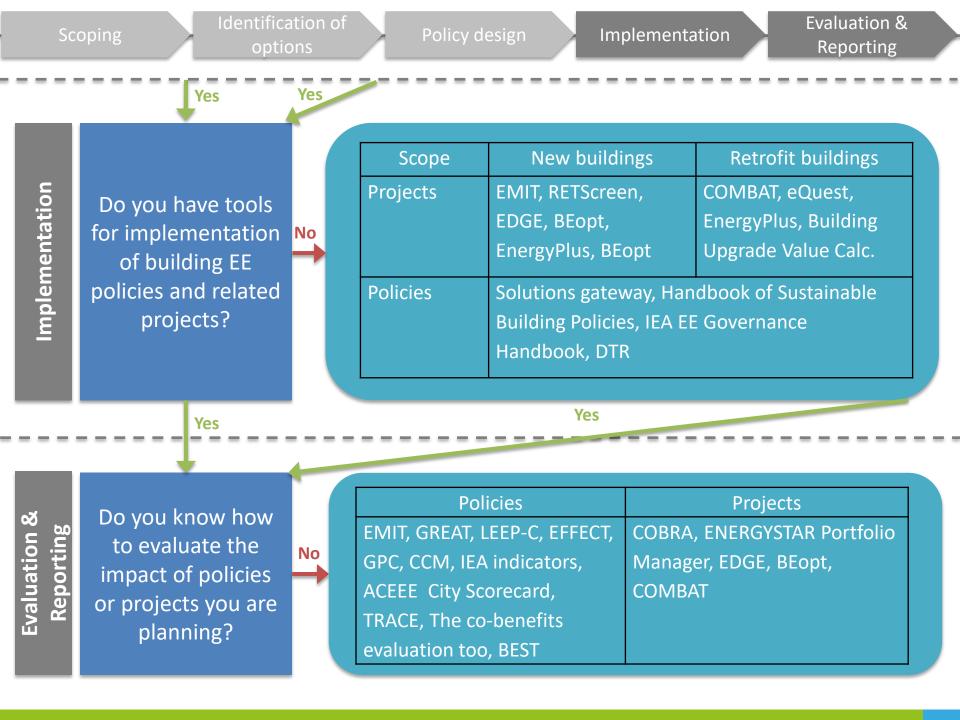
## Project and policy-level tools inform various stages of cities' policy cycles

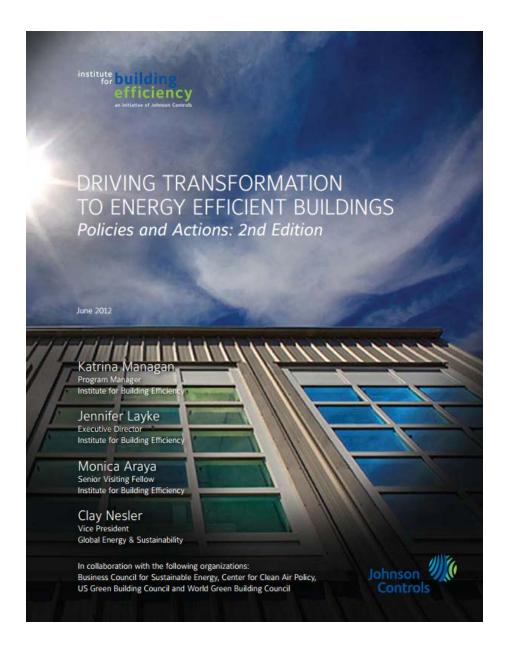






Evaluation 8
Reporting





Additional information on tools & decision tree is available in forthcoming 3rd edition of Driving **Transformation** report

#### Tool application case studies





CHRISTIAN MAHLER (WORLD BANK)

### Tool for Rapid Assessment of City Energy (TRACE)

Supporting cities in tapping their energy efficiency potentials











#### Discussion of Building Efficiency Accelerator



#### **BUILDING EFFICIENCY**

The buildings sector accounts for about one-third of global energy use and energy-related GHG emissions. Widespread implementation of progressive policies that encourage the use of best available technologies, low-energy building design and energy efficiency renovation can deliver 25-50% reductions in energy demand from new and existing buildings. Achieving such savings would not only significantly reduce GHG emissions, but also reduce costs, create jobs, provide cost-effective energy capacity and improve the comfort, health and environment in communities. Through public-private collaboration, governments can establish effective policies and businesses can deliver current technologies to accelerate investment in energy efficiency and the achievement of benefits.



### Thanks!