

Siemens offers cities a broad range of energy efficient and sustainable products and solutions



efficient energy supply



building green



clean water supply



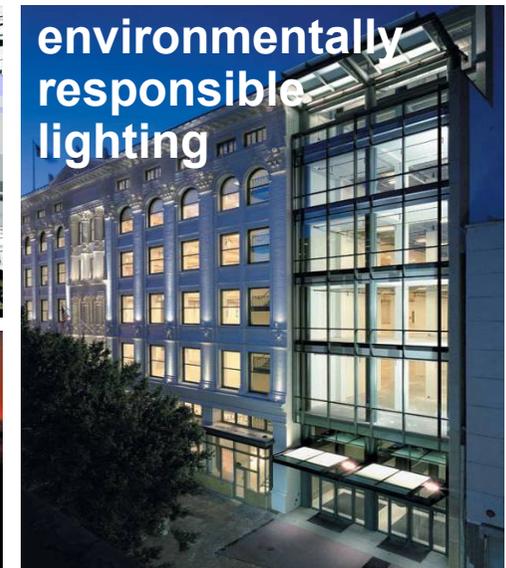
green mobility



environmental manufacturing



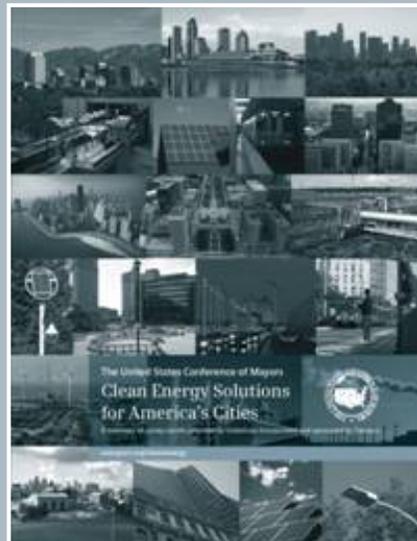
sustainable IT



environmentally responsible lighting

Siemens Research Series on "Sustainable Urban Infrastructure": Contributing to the debate

Research on sustainable urban infrastructure

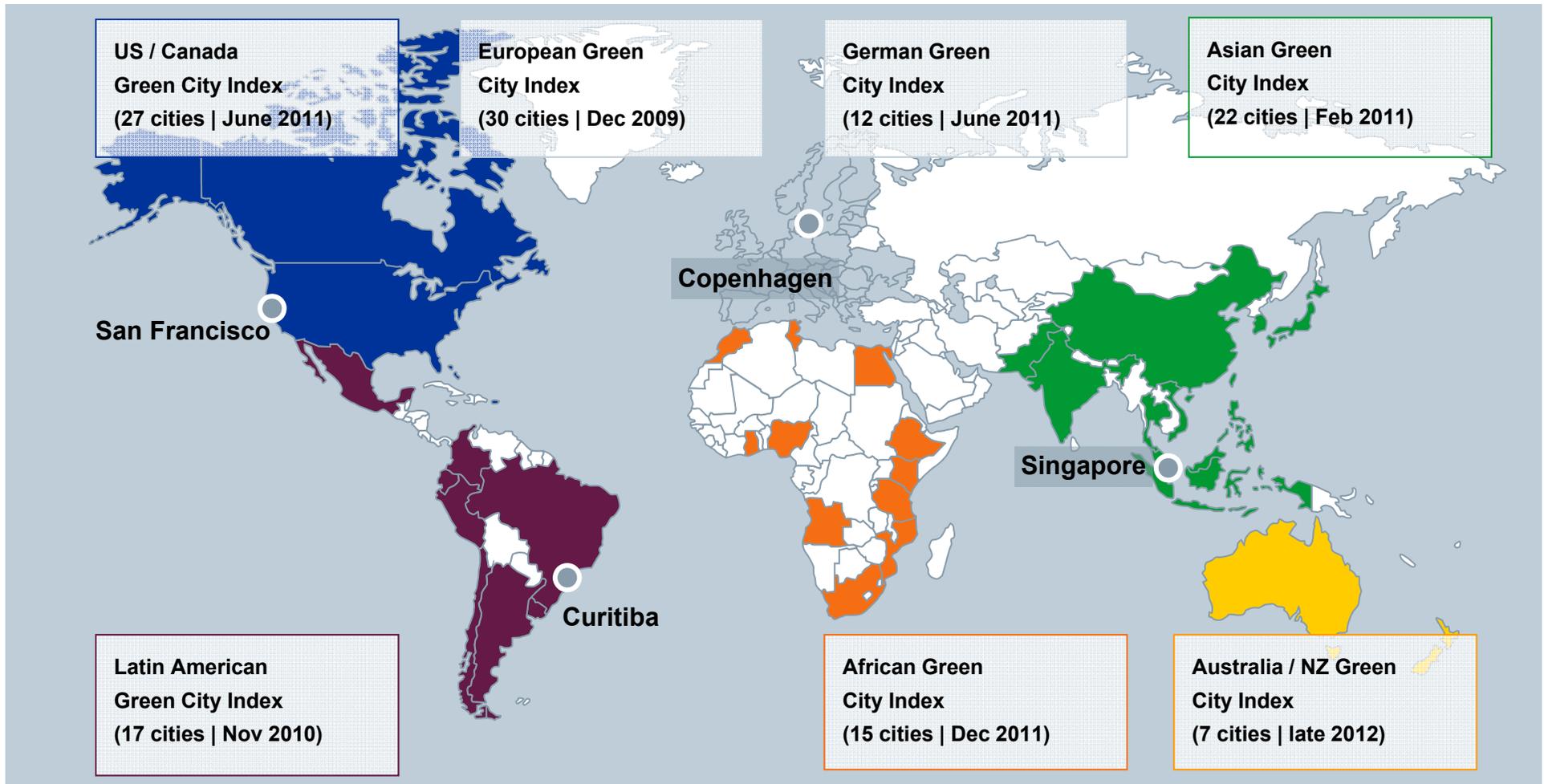


Approach

- Research undertaken by independent partners, e.g.,
 - McKinsey & Company
 - The Economist Intelligence Unit
 - GlobeScan
 in cooperation with Siemens

- **Evaluation fields:**
 - Cities' most pressing infrastructure needs and priorities
 - Ways towards greater urban sustainability
 - Technological levers for increased resource efficiency
 - Economic implications

The Green City Index research series evaluated 130 major cities worldwide



The US and Canada Green City Index

- A unique Index that compares 27 major US and Canadian cities based on their environmental performance and policies
- Builds on Green City Index series, launched in Europe, Latin America and Asia
- Researched independently by the Economist Intelligence Unit
- A unique tool to help cities learn from each other and address shared environmental challenges

Key Learnings?

Getting real "comparable" data:

- What is a city? (Greater metropolitan area? Or city core?)
- Publicly available data is difficult to compare on an apples-to-apples basis.
- Relying on data alone is limited: Political will is often over-looked and under-valuated as a key factor for success/failure.
- Mother nature doesn't listen to data trends: In NY: Sustainability has been overtaken by Resiliency (PlaNYC, now focusing on Resiliency.)
- Processing data is different from interpreting and using the data and applying it into today's technology. Need strong collaboration between the data technology providers and the data analyzers.