

CITIES AND CLIMATE CHANGE



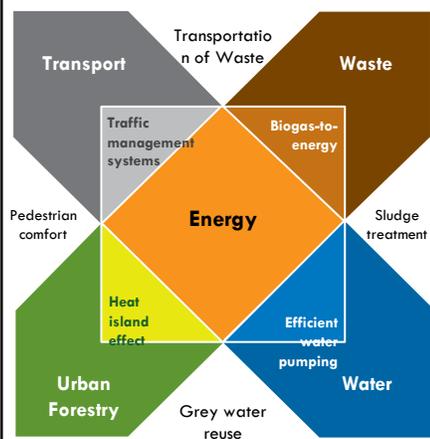
World Bank Activities in Urban Climate Change

- GHG Emissions Standard, in partnership with the UN
- City-Wide Approach to Carbon Finance
- Mayors' Task Force on climate change and the urban poor
- Urban Risk Assessment
- Eco2 Cities
- Global City Indicators Facility
- Joint Work Program with UNEP, UN-HABITAT and Cities Alliance

GHG Standard for calculating emissions

- ❖ A open, global protocol for attributing GHG emissions is needed in order to establish baselines and monitor progress
- ❖ Proliferation of protocols and methods for city GHG inventories
 - e.g. ICLEI USA; Bilan carbone (France); Project 2 Degrees (CCI); GRIP (Europe); CO2 Grobbilanz (Germany)
- ❖ Launched at World Urban Forum in Rio, March 2010
 - WB partnered with UNEP, UN-HABITAT and others
- ❖ Work ongoing with client cities, in conjunction with WBG regional operations
 - Amman, Bangkok, Dar es Salaam, Jakarta, Mexico City, Quezon City, Sao Paulo
 - Interest to work with a number of Chinese cities

City-wide Approach to Carbon Finance



- ❖ Objective:
 - Draw on existing methodologies to combine projects across different sectors in a city for a single carbon finance program of activities
 - Overcomes hurdle of high transaction costs for individual reduction initiatives in a given city
- ❖ Recent steps
 - Pilot underway/prepared with Amman, Jordan
 - Recognition in Cancun COP decision; methodology is currently under review by the CDM board.

Mayor's Task Force on Climate Change, Disaster Risk and the Urban poor

- ❖ Mayor's Task Force set up in December 2009, members include: Dar es Salaam, Jakarta, Mexico City, and Sao Paulo
- ❖ Objectives of the Task Force:
 - Improve the understanding of the linkages between urban poverty, climate change and disaster management with a focus on the delivery of sustainable basic services
 - Identify good practice examples where vulnerability has been reduced
 - Identify financing opportunities for cities to address these issues
- ❖ Approach: Global study and 4 city level case studies understanding urban risk
- ❖ Findings to be presented at upcoming C40 Summit in Sao Paulo, and Resilient Cities 2011 in Bonn (early June, 2011)

Urban Risk Assessment

- ❖ The objectives:
 - Move towards a common, cost-effective approach for specifying where and how many people are vulnerable to natural hazards, in addition to identifying susceptible infrastructure that if damaged, would have knock-on detrimental effects on the urban population.
 - Strengthen consensus, minimize duplicative efforts, and bring convergence to related work undertaken across relevant organizations.
 - Better position cities to absorb and allocate discrete adaptation funds
- ❖ The approach:
 - Draws on existing methodologies, brought together in a flexible, multi-tiered approach based on three key pillars:
 - Hazard assessment, socio-economic assessment, institutional assessment
 - Initial application in Mayors Task Force city case studies; broader rollout planned

Eco2 Cities



- ❖ Helping cities achieve ecological and economic sustainability in synergy.
- ❖ Integrated cross-sector approach → energy resource efficient and low carbon emissions.
- ❖ Optimal urban plan & land use → Compact Cities.
- ❖ Combining multiple financial instruments (IBRD, IDA, GEF, CF, GEF, CTF, IFC, PPP etc).

www.worldbank.org/eco2

Global City Indicators Facility

- ❖ Bank-initiated, with over 10 partners and piloted in 9 cities
- ❖ Global City Indicator Facility established in October 2008 at the University of Toronto to oversee the Program
- ❖ City-led program: cities actively participate through collection and analysis process
- ❖ A single comprehensive system for measuring and monitoring city performance and quality of life that will:
 - Enable elected officials, city managers, and public to monitor the performance of cities over time
 - Facilitate comparisons across cities and over time
 - Foster information sharing and learning across cities
- ❖ Over 130 cities across 35 countries have joined
- ❖ www.cityindicators.org

Joint Work Program with UNEP and UN-HABITAT

- ❖ Partnership with UNEP and UN-HABITAT, through the Cities Alliance
- ❖ Key initiatives are included in the work program and have support of all partners:
 - e.g. international standard for city GHG emissions and the Urban Risk Assessment
- ❖ Links to initiatives of the partners
 - ❖ e.g. UNEP's Sustainable Buildings and Climate Initiative (SBCI)
 - ❖ e.g. UN-HABITAT Cities and Climate Change Initiative (CCCI); Urban Gateway

