

Clean Air Initiative for Asian Cities (CAI-Asia) & Network of City Networks

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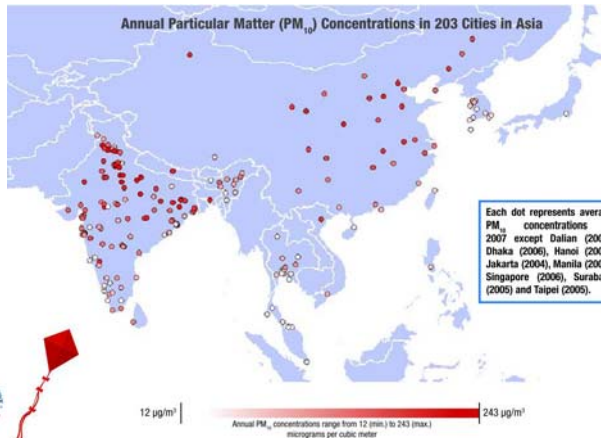
Key parts of the presentation

- Problem
- Overview of CAI-Asia
 - Structure
 - Strategy
 - Selected activities
- Possible areas of cooperation with cities



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The problem



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The problem



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The problem



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About the Clean Air Initiative

The Clean Air Initiative for Asian Cities promotes better air quality in livable cities by translating knowledge to policies and actions that reduce air pollution and greenhouse gas emissions in transport, energy and other sectors



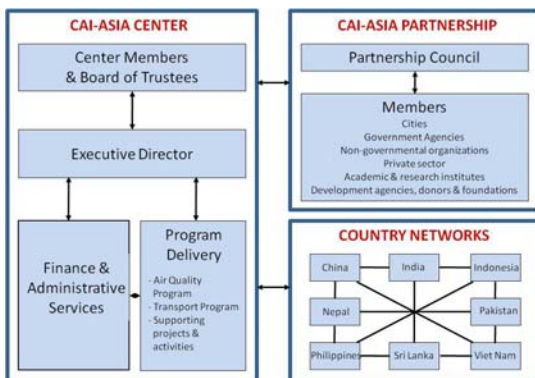
CAI-Asia began in 2001 as a multi-stakeholder initiative by ADB, World Bank and USAID

Since 2007, CAI-Asia is a UN Type-II Partnership with over 170 organizational members, 8 Country Networks, and the CAI-Asia Center as its secretariat (a non-profit organization)



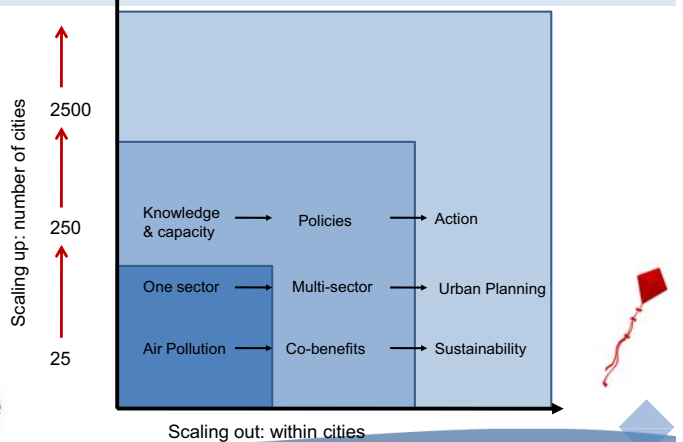
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CAI-Asia structure



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Our Strategy



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CLEAN AIR

Air Pollution and Greenhouse Gas Emissions

- ➔ • BAQ conference
- ➔ • Clean Air Portal including CitiesACT database (GAPE, ADB)
- Communities of Practice (ADB)
- ➔ • Clean Air Scorecard (ADB)
- Air quality & GHG plans and policies (GTZ, UNEP)
- Co-benefits of air quality and climate change (IGES, ADB)
- Clean air and mega-events (FTI Fdn, WB)
- ➔ • Network of City Network (CDIA)
- Governmental Meetings on Urban AQM (UNEP)
- Dialogues with cities, donors, private sector

TRANSPORT

- GHG and AP indicators for transport (WB)
- CO2 methodologies for transport (ADB, ITDP)
- EST framework development (ADB/UNCRD)
- GHG projections and policies for reduction (ITPS)
- Fuel quality, vehicle emissions and fuel economy standards (PCFV, FIA Foundation)
- Green trucks pilot project & program development (WB, US-EPA)
- Walkability surveys (ADB)
- Clean Fleet Management Toolkit (PCFV)
- SUMA framework for cities

INDUSTRY & ENERGY

- GHG & AP indicators for energy sector (WB)
- GHG inventory for energy sector in Philippines (UNDP/MO)
- GHG & AP accounting and training for companies (private sector)

OTHER

- Waste mgmt – Open burning

What is BAQ?

- **Biggest gathering on air quality in Asia**, covering transport, energy, industry and climate change
- It has grown into a **community of practitioners** who meet every two years for **networking, learning and sharing experiences**
- BAQ has proven to **influence policies, initiate new projects and establish partnerships**



History of BAQ: from 200 to 1000 participants

BAQ
2002
HONG
KONG



BAQ
2010
SINGAPORE?

BAQ 2010

- Proposed timing: November 2010
- Proposed theme:
Air Quality in a Changing Climate
- Expected participants: 600-700



Clean Air Portal (www.cleanairinitiative.org)

Users can browse site by several categories (e.g. Topics)

Registered users can add content to the Knowledgebase

News feeds

Clean Air Scorecard

- Objective: assess current management of air pollution and GHG emissions to improve policies and actions



- Air Pollution and Health Index** – rating air pollution levels of cities against WHO guideline values and interim targets
- Capacity Index** – rating a city's capacity to determine sources, levels and impacts and capacity to address air pollution and GHG emissions
- Policies and Actions Index** – rating the presence and enforcement of policies and actions to address emissions from relevant sources (mobile, stationary, area and trans-boundary)

Network of City Networks

- To establish a "Network of City Networks" with the aim of improving city networks' effectiveness by scaling up their efforts to reach many more of the 2,500 Asian cities across a broader range of sustainability issues
- In 2009, City Network Survey and Network of City Networks Roundtable
- In 2010
 - Establish egroup
 - Identify templates, key tools, processes, products and mechanisms within the city development framework to find possible points of convergence/cooperation with other members of the network in concrete terms
 - Network of City Networks Roundtable



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City Network Survey participants

- Asian Cities Climate Change Resilience Network of Rockefeller Foundation
- Cities Development Initiative for Asia
- CityNet
- Clean Air Initiative for Asian Cities
- Earthquakes and Megacities Initiative
- Global City Indicators Facility
- Global Energy Network for Sustainable Cities
- ICLEI-Local Governments for Sustainability
- International Center for Sustainable Cities
- Kitakyushu Initiative for a Clean Environment
- Metropolis
- Sustainable Cities Program, UN-Habitat
- United Cities and Local Governments Asia-Pacific
- SMART-Sustainable Mobility and Accessibility Research and Transformation (University of Michigan)



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2009 Network of City Network Roundtable Participants

1. Asian Development Bank
2. Cities Development Initiative for Asia
3. CityNet
4. Clean Air Initiative for Asian Cities Center
5. Earthquakes and Megacities Initiative
6. Global City Indicators Facility
7. Kitakyushu Initiative for a Clean Environment
8. Sustainable Cities PLUS Network
9. Sustainable Cities Program of UN-Habitat
10. United Cities and Local Governments Asia Pacific
11. Urban Age Institute



Walkability surveys

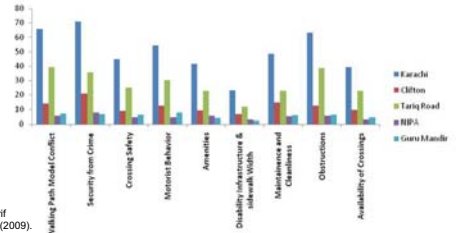
- Walkability surveys assess the quality of pedestrian infrastructure and supporting policies:
 - Field Walkability Survey: state of the pedestrian facilities
 - Pedestrian Interview Survey: pedestrian needs and preferences
 - Government/Stakeholder Survey: the policies, roles and responsibilities of government and stakeholders



Results survey in Karachi, Pakistan

•Field walkability survey: Karachi Road best infrastructure

•Pedestrian interview survey: greater demand for walking on Tariq Road



Source: Assessing Walkability in Karachi. Anif Parvez in cooperation with CAI-Asia Center (2009). www.theneeds.com.pk/daily_detail.asp?id=198801

Potential areas for collaboration

- Disseminate tools, methods, processes, case studies through the **Network of City Networks** and the **Clean Air Portal**
- Encourage cities to **use CAI-Asia Center's assessment tools** (e.g., Clean Air Scorecard, Walkability Index) and report results to CAI-Asia
- Present city best practices at the **Better Air Quality (BAQ) 2010 Conference**
- Encourage cities to become members of CAI-Asia Partnership



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CAI-Asia Center

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