



# Building Networks for Translating Knowledge into City Action

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Clean Air Initiative for Asian Cities (CAI-Asia) Center

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## About the Clean Air Initiative

The **Clean Air Initiative for Asian Cities** promotes **better air quality** and **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 registered as a **UN Type-II Partnership** with more than 200 organizational members and **8 Country Networks**. The secretariat of the Partnership is **CAI-Asia Center**, a non-profit organization with headquarters in Manila, Philippines and offices in Beijing, China and Delhi, India.



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## CAI-Asia's program

**Impact:** Better air quality and more livable cities

**Outcomes:**

1. Strengthened and harmonized **regional and national policies and standards**
2. Enhanced **national and local frameworks** for sound policies, programs and urban development
3. Increased awareness and access to **information, tools and partners**

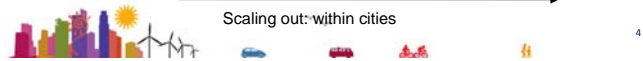
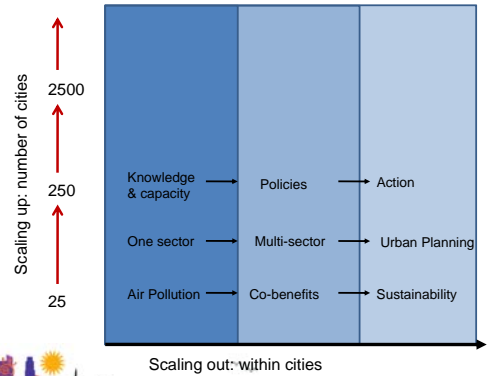
see CAI-Asia Center Business Plan 2011-2012



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## Our Strategy



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## CAI-Asia Country Networks



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## CAI-Asia Team



Better Air Quality and Livable Cities



## CAI-Asia Partnership Members



<b>Cities (39)</b> <ul style="list-style-type: none"> <li>Bangladesh: Chittagong, Dhaka</li> <li>Cambodia: Phnom Penh</li> <li>Hong Kong, China</li> <li>India: Hyderabad, Mumbai, Pune</li> <li>Indonesia: Jakarta, Palembang, Surabaya, Yogyakarta</li> <li>Mongolia: Ulaanbaatar</li> <li>Nepal: Kathmandu</li> <li>Pakistan: Islamabad, Lahore</li> <li>Philippines: Cagayan de Oro, Makati, Mandakuyong, Iloilo, Naga</li> <li>China: Changsha, Chengdu, Chongqing, Guangzhou, Hangzhou, Harbin, Lanzhou, Luoyang, Qingdao, Tianjin, Urumqi, Suzhou</li> <li>Sri Lanka: Colombo</li> <li>Thailand: Bangkok, Chiang Mai</li> <li>Vietnam: Danang, Haiphong, Hanoi, Ho Chi Minh City</li> </ul>	<b>Environment Ministries(16)</b> <ul style="list-style-type: none"> <li>Independent Dept. of Environment (Afghanistan)</li> <li>Department of Environment (Bangladesh)</li> <li>Ministry of Environment (Cambodia)</li> <li>Ministry of Environmental Protection (China)</li> <li>Department of Forest Ecology and Environment (India)</li> <li>Central Pollution Control Board (India)</li> <li>The State Ministry of Environment (Indonesia)</li> <li>Environmental Management Bureau, Ministry of Environment (Japan)</li> <li>Ministry of Environment, Science and Technology (Nepal)</li> <li>Environmental Protection Agency (BEPA) Government of Satechistan (Pakistan)</li> <li>Sindh Environmental Protection Agency (Pakistan)</li> <li>Pakistan Environmental Protection Agency (Pakistan)</li> <li>Department of Environment and Natural Resources (Philippines)</li> <li>Supreme Council for Environment and Natural Reserves (Qatar)</li> <li>Pollution Control Department (Thailand)</li> <li>Ho Chi Minh City Environmental Protection Agency (Vietnam)</li> </ul>	<b>Transport Ministries(5)</b> <ul style="list-style-type: none"> <li>Dhaka Transport Coordination Board (Bangladesh)</li> <li>Ministry of Public Works and Transport (Cambodia)</li> <li>Ministry of Road Transport and Highways (India)</li> <li>Department of Transportation and Communications (Philippines)</li> <li>Vietnam Register (Vietnam)</li> </ul>	<b>Country Networks (8)</b> <ul style="list-style-type: none"> <li>China</li> <li>India</li> <li>Indonesia</li> <li>Nepal</li> <li>Pakistan</li> <li>Philippines</li> <li>Sri Lanka</li> <li>Vietnam</li> </ul>
	<b>Dev. Agencies &amp; Foundations (9)</b> <ul style="list-style-type: none"> <li>Asian Development Bank (ADB)</li> <li>GTZ</li> <li>UN- The World Conservation Union</li> <li>Swedish International Development Cooperation Agency (Sida)</li> <li>The William and Flora Hewlett Foundation</li> <li>UN Center for Regional Development</li> <li>U.S. Agency for International Development (USAID)</li> <li>United States Environmental Protection Agency (USEPA)</li> <li>World Bank</li> </ul>	<b>Other Government Agencies (9)</b> <ul style="list-style-type: none"> <li>NGOs, Academic &amp; Research Institutions (87)</li> <li>Private Sector (13)</li> </ul>	

## Collaboration with regional partnerships and involvement in regional inter-governmental processes



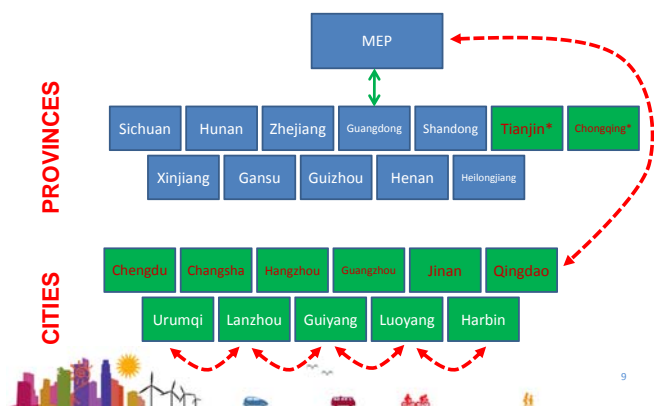
### Regional Partnerships, Forums, Networks, Associations

- Air & Waste Management Association (AWMA)
- Co-benefits Partnership (Secretariat: IGES)
- Energy for All Partnership
- Global Atmospheric Pollution Forum UNEP, CAI-Asia, IUAPPA, SEI
- Global Fuel Economy Initiative (IEA, ITF, FIA, PCFV)
- HLS Environmentally Sustainable Cities
- International Association for Public Transport (UITP)
- Knowledge Management Advisory Group on Clean Air, Transport and Energy
- Methane to Markets Partnership
- Network of City Networks (14 networks)
- Partnership for Clean Fuels and Vehicles (PCFV)
- Partnership for Clean Indoor Air (PCIA)
- Partnership on Sustainable Low Carbon Transport (SLOCAT)
- World LP Gas Association

### Inter-governmental Bodies and Forums

- ASEAN Senior Transport Officials Meeting (STOM)
- ASEAN Working Group on Environmentally Sustainable Cities (AWGESC)
- ASEAN Council on Petroleum
- ASEAN Automotive Federation Technical Committee 3
- UNCRD EST Forum
- UNEP Joint Forum on Atmospheric Issues (Malé, SACEP, ASEAN, EANET)
- UNEP/WHO Regional Forum on Environment and Health
- Mekong River Commission
- Asia-Europe Meeting (ASEF)

## Scaling up approach in China



## China office partners



- ADB \* AusAid \* Cascade Sierra Solutions \* CRAES \* CANGO
- Tsinghua University \* ESMAP
- Energy Foundation \* Fu Tak lam Foundation
- Guangdong Provincial Transport Department
- Guangzhou EPB \* Guangzhou PMO-World Bank \* Guangzhou Transport Committee
- Heinrich Böll Stiftung
- Hewlett Foundation \* MEP
- PRC \* MOT PRC \* Shanghai Academy of Environmental Sciences \* Shanghai EPB
- Sida \* US EPA \* VECC-MEP
- World Bank

## Main Projects & Activities in China



- City workshops(6) & Training Courses (3)
- Air quality management projects in the cities with mega-events
  - Beijing Olympic Page
  - Blue Skies Shanghai EXPO 2010
  - Guangzhou Green Truck Pilot Project
- Clean Air Management Assessment Tool (CAMAT)
- Co-benefits training for
  - NGOs
  - Cities
- Green Freight Program in China

## Shanghai Expo Pages on Clean Air Mega-event website

- Shanghai Expo 2010 Home
- About Shanghai Expo
- About Shanghai
- Sources of Air Pollution
- Air Quality in Shanghai
  - Air Quality Monitoring
  - Air Quality Reporting
  - Summary: AQ in Shanghai during World Expo 2010
  - Historical AQ Data
- Clean Air Management in Shanghai
  - Assessing AQ Compliance
  - Understanding the API
  - AQ measures in Shanghai
  - Low Carbon Expo
- Others

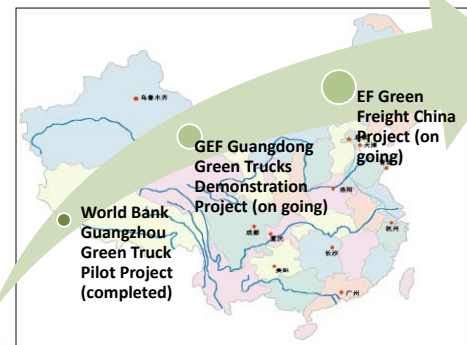


Links to Shanghai EMC website for Shanghai EXPO



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## Green Truck, Green China



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## Progress as of today

- MEP: - Invitation for policy brief on co-benefits (Jan2011)  
 - formal recognition of the Chinese City Workshops on AQM (July2010)  
 - Co-funding (since 2007)  
 - Joint planning (since 2005)
- Clean Air Forum(s) in China:  
 - Shanghai Clean Air Forum since 2008, 2009, 2011  
 - Yangzi River Delta Clean Air Forum Idea
- Ministry of Transport:  
 - Long-term strategic Cooperation: Freight
- Cities:  
 - Low Emission Urban Development



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## Basic Partnership Approach: T-R-U-S-T

- **T**ransparent: dialogue on challenges/issues
- **R**eliable: consistency, quality
- **U**nderstanding: motivation, constraints,
- **S**trategic & Systematic: focused
- **T**imely: policy influence window opportunity, support for partners (org. individuals) for their work



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## For more information



www.cleanairinitiative.org

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