

Networking Cities for Better Environmental Management

White Paper IV Launch

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Rapid urbanisation in Asia

80% of the region's wealth is produced in cities

Focus on cities: many concepts

- Sustainable urban development
- Environmentally sustainable cities
- Low carbon cities
- Liveable cities
- Green cities (Green Growth, Green Economy)
- Resilient cities
- Smart cities

How to realise these concepts?

Need capacity building?
(Need budget?)
(Need tools and policies?)

Need more local
actions

How can external
organisations help?

What can a research
institution do?



Let cities learn from each other



Networking cities

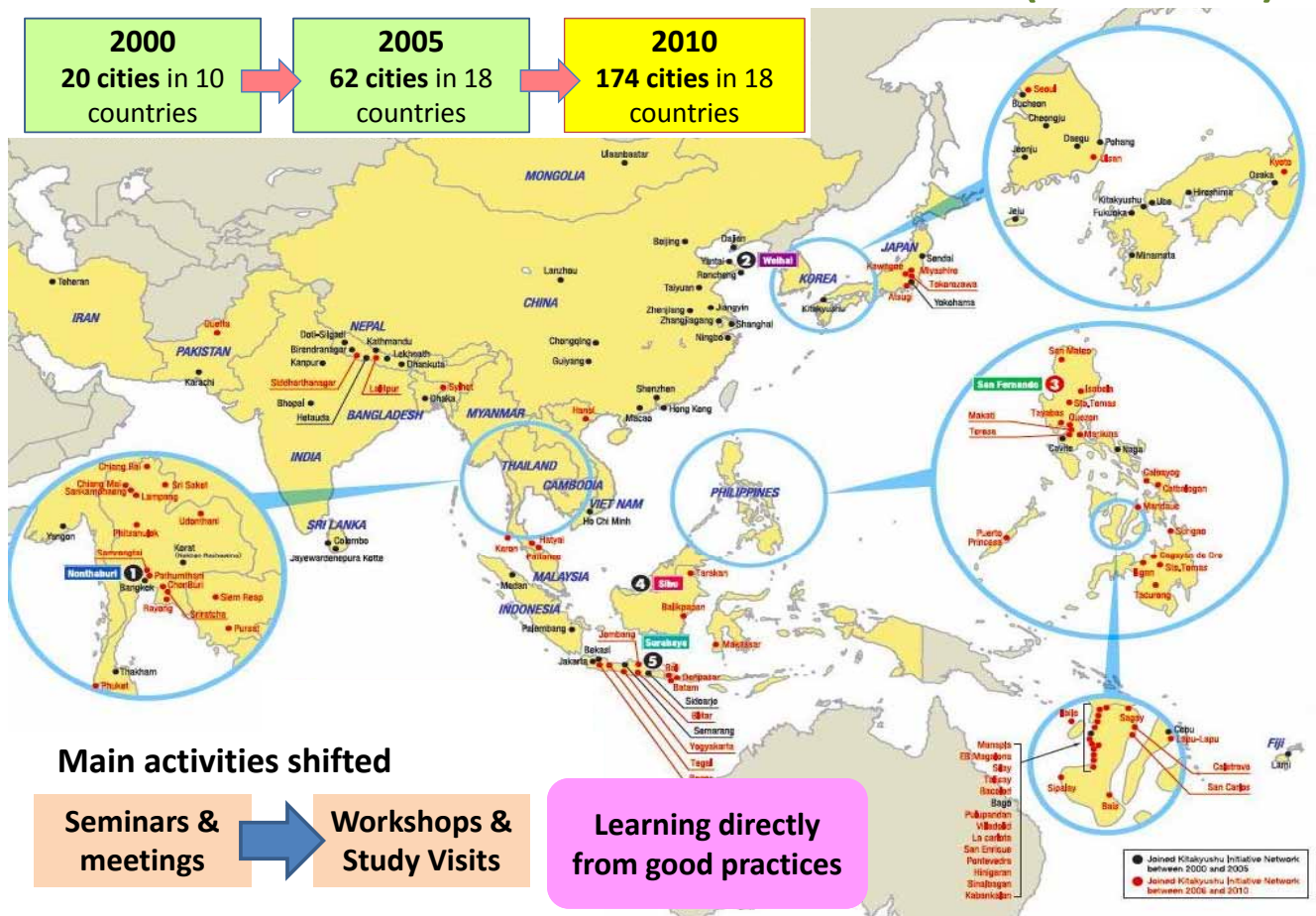
A cheapest option

Kitakyushu Initiative for a Clean Environment (2000-2010)

2000
20 cities in 10
countries

2005
62 cities in 18
countries

2010
174 cities in 18
countries



Surabaya City's Achievements

(Photos cited from "Sparkling Parks in Surabaya", Cleansing Department, Surabaya City, 2008)



Parks became greener using compost



Streets became greener using compost



Bratang Composting Centre



Sonokwijenan Composting Centre

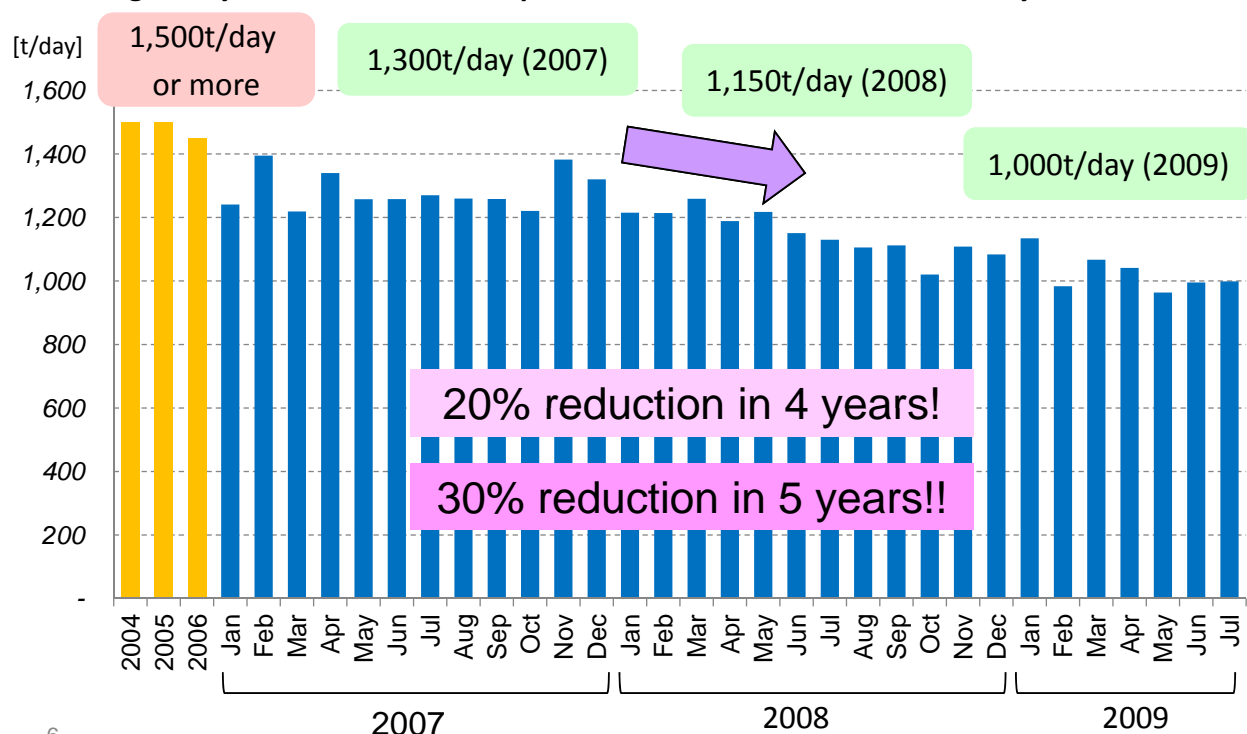


Keputran Composting Centre

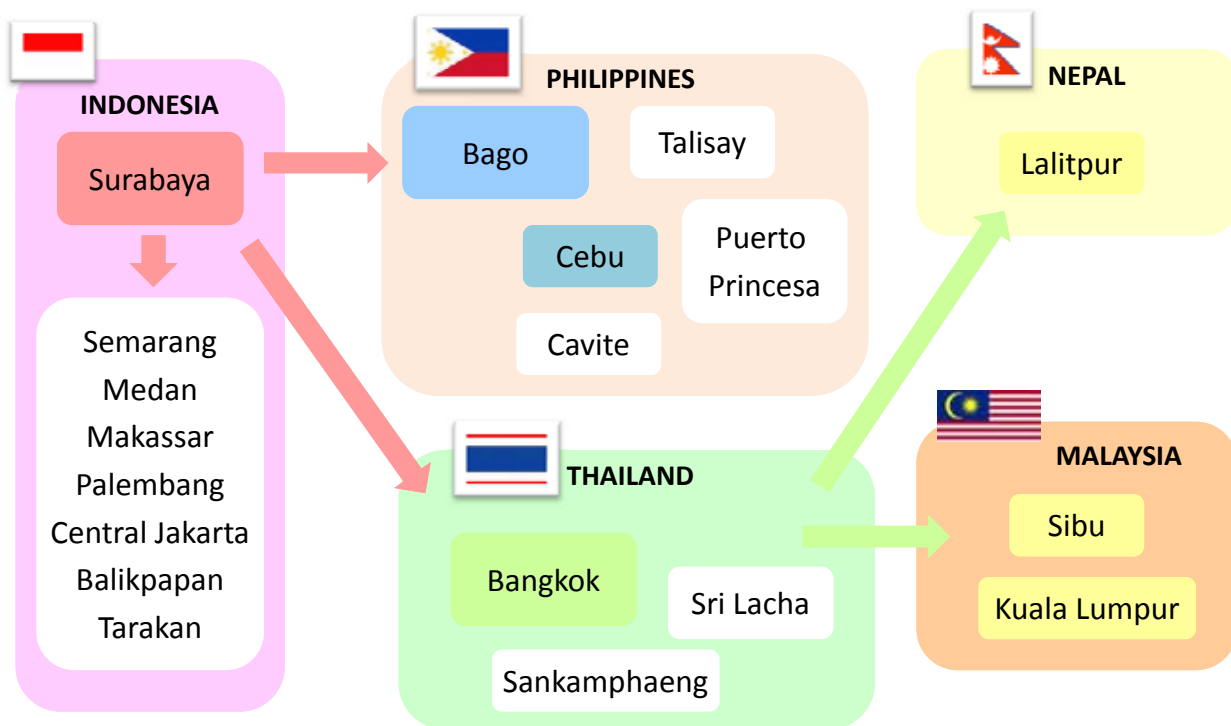
OUTPUT: WASTE REDUCTION

* Note: Benowo is the only final disposal site in Surabaya City.
(Data source: Cleansing and Landscaping Department, Surabaya)

Average daily amount of waste disposed at Benowo Landfill* in Surabaya, 2004-2009



Spreading Surabaya's model in other cities and countries



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Learning from other intercity networks

CITYNET



Membership fees

Large number of member cities → Grouped into 4-6 clusters
Internship from member cities
Kuala Lumpur Regional Training Center

<http://www.citynet-ap.org/>

Many partners of CITYNET



<http://www.citynet-ap.org/partners/>

Learning from other intercity networks

CAI-Asia (Clean Air Initiative for Asian Cities)

RECENT POSTS

- CAI-Asia China Office E-newsletter
- China's motor vehicles top 233 mln
- wodache - a website on carpooling in China
- Wuhan Workshop Promotes Low-Carbon Logistics in China

[View More](#)

Focus on air quality management

Country networks

Many members

Surviving without core funds

- Green Freight Website
- CAI-Asia on Flickr
- CAI-Asia on YouTube
- Walkability Asia

<http://cleanairinitiative.org/portal/index.php>



BETTER AIR QUALITY (BAQ) 2012 CONFERENCE: 5 to 7 December

GROWING CITIES, HEALTHY CITIES

The Better Air Quality conference will be held in Hong Kong from 5 to 7 December 2012. BAQ 2012 is co-organized by the Clean Air Initiative for Asian Cities (CAI-Asia), Hong Kong Environmental Protection Department, and Hong Kong Polytechnic University.

BAQ is the largest gathering on air quality in Asia, covering transport, energy, industry and climate change, with a particular emphasis on government policies and measures.

Policy makers and practitioners meet at BAQ to network, learn and share experiences. Past BAQs have proven to influence policies, initiate new projects and establish partnerships.

The theme, "Growing Cities, Healthy Cities" reflects the challenge of creating livable cities with blue skies and a low carbon footprint in the face of increasing urbanization, and ensuring that people's health is no longer affected by poor air quality.

10 YEARS OF TRADITION...

www.baqconference.org

First organized as a local workshop by the Hong Kong Polytechnic University in 2001, BAQs have become major regional events through the efforts of CAI-Asia and partners.



Organized by



In partnership with



Better Air Quality (BAQ) Conferences

- One of the largest events in the region on air quality management
- Private sector sponsors

http://cleanairinitiative.org/portal/sites/default/files/BAQ2012_Flyer_-_March2012.pdf

Learning from other intercity networks

WaterLinks (USAID/ECO-Asia)



SEARCH

WHO WE ARE **WHO WE WORK WITH** **WHAT WE DO** **PARTNERSHIPS** **NEWS & EVENTS** **EXCHANGE**

WaterLinks

As Asia's water operators network, WaterLinks helps facilitate water operator partnerships, build operator capacity, and promote networking to improve access to water and sanitation.

[Learn More](#)



RECENT NEWS

2011 WaterLinks Award Presented
1 Dec 2011

WaterLinks Annual Forum Held in Kuala Lumpur
1 Dec 2011

WaterLinks Established as Independent Non-Profit in the Philippines
25 Nov 2011

WaterLinks to Assess Readiness of Urban Water Utilities in Asia to Adapt to

Focus on water supply and wastewater treatment

Twinning city to city (water utilities)

Over 60 twinning partnerships in 4 years

News

S

>> More Events

To learn more about how you can participate in WaterLinks, click

WATER OPERATORS >

WATER ASSOCIATIONS >

ANNOUNCEMENT



SPOTLIGHT



WOP MAP



<http://www.waterlinks.org/>

Costs for networking per city

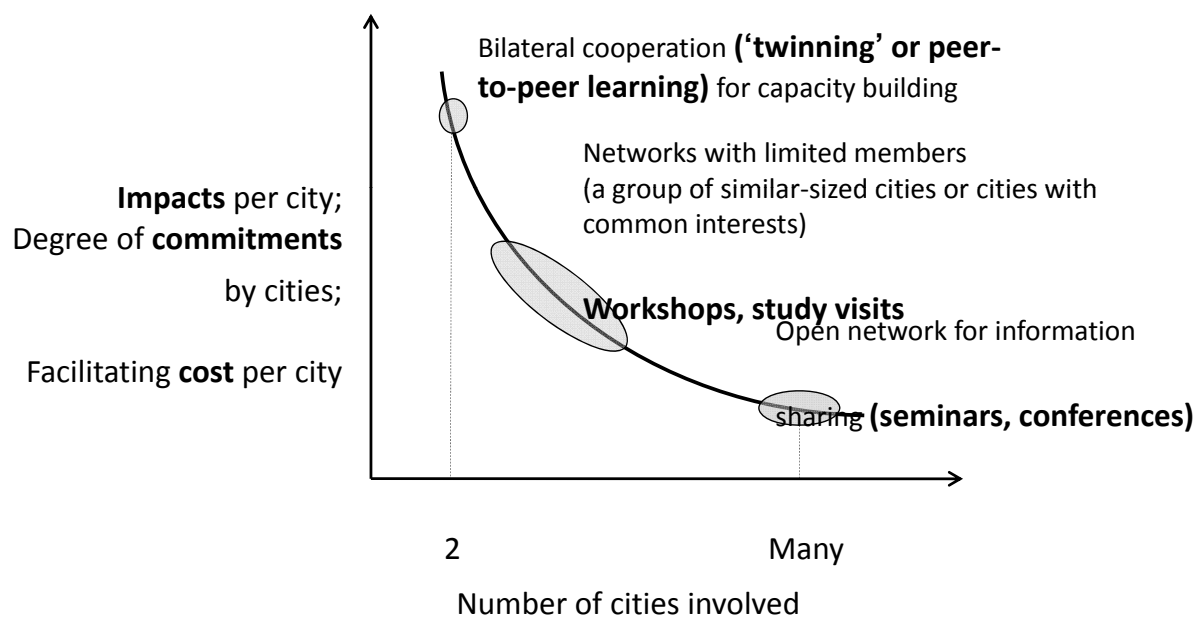


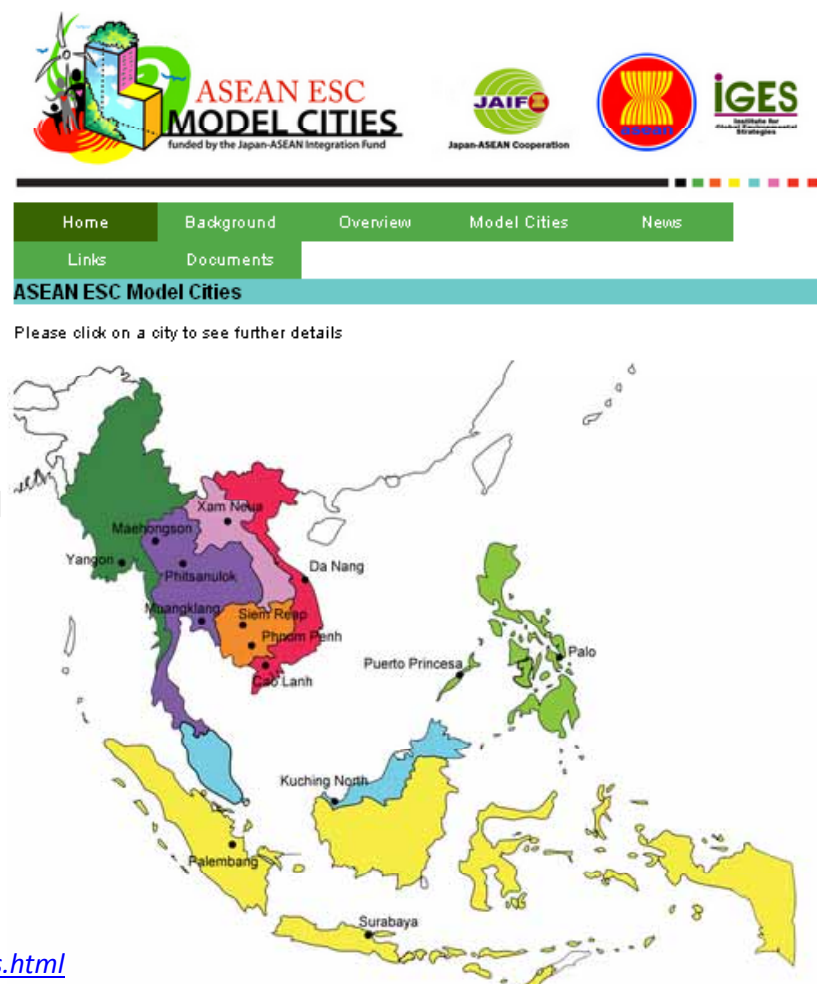
Figure 7.1 Relationship of impacts and number of cities involved in a network

Source: Author

ASEAN ESC Model Cities Programme

- Since April 2011
- Implemented in 8 ASEAN countries
- 14 cities were selected
- Seed money funding for achieving their environmental targets
- Monitoring by the secretariat

<http://modelcities.hls-esc.org/modelcities.html>



Composting Network

Networking cities for sharing waste reduction policies and practices with particular focus on composting

- Since July 2012
- Waste reduction target setting and action plan development by the member cities
- Monitoring by the secretariat (IGES)

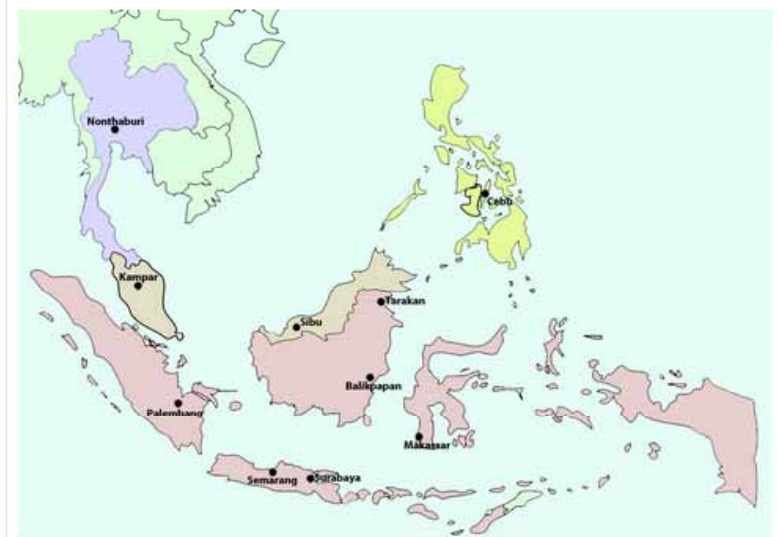
<http://www.kitaq-compost.net/>

KitaQ System Composting

Home Introduction About the KitaQ System City Information News Documents Video Contact Us Links

The KitaQ System Composting Network is a group of cities committed to waste reduction through composting following the KitaQ System Composting. They are supported in these efforts by Kitakyushu City and the Kitakyushu Urban Centre, Institute for Global Environmental Strategies who host an annual KitaQ System Composting Seminar in Kitakyushu in cooperation with the Kitakyushu Asian Center for Low Carbon Society and JICA Kyushu to review progress, update skills and share experiences. Membership of the network is open to interested cities in the Asian region who are willing to submit an achievable waste reduction strategy using the KitaQ System Composting. Cities also receive access to waste reduction experts and opportunities to attend related workshops and seminars in the region. It is hoped that over time the remit of the network can be expanded to cover a full range of environmental sustainability issues and support.

KitaQ Composting System Network Map



Roles of Network Secretariats

- Manager
 - Facilitator
 - Coordinator
 - Inter-mediator
 - Broker
 - Core & hub for information/knowledge sharing
- ➔ The performance of networks depend on the secretariats' management skill



More support will help more

Does networking cities help?



Surabaya, Indonesia:
Using communities' power

Nonthaburi, Thailand:
Achievements attracting many visitors