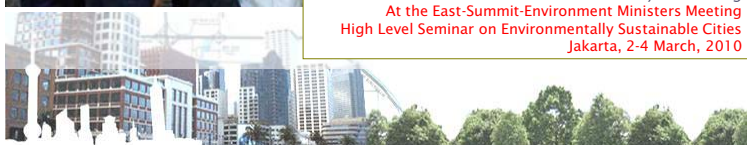




Environmental Sustainable Cities: The Key Role of CITYNET



Prepared by CITYNET Secretariat
Presented by Aisa Tobing
At the East-Summit-Environment Ministers Meeting
High Level Seminar on Environmentally Sustainable Cities
Jakarta, 2-4 March, 2010



First Regional Congress of Local Authorities for Development of Human Settlements in Asia and the Pacific (Y'LAP) – 1982, Yokohama City, Japan

What is CITYNET?

1987 CITYNET was created in response to the needs of Local Governments and local actors in the Asia-Pacific region (with support from UNESCAP, UNDP and UNHABITAT) - only 24 members

Recognised as an international NGO with UN-ECOSOC Status

1995 Bangladesh National Chapter was formed

1998 Sri Lanka National Chapter was established

2001 Nepal National Chapter was formed

CITYNET received the UN-HABITAT Scroll of Honour for its role in facilitating City-to-City Cooperation



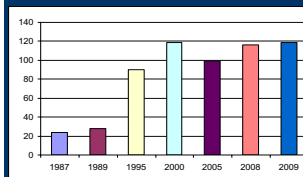
2002 Current members 119 from 22 countries + 1 region

2003 Kuala Lumpur Regional Training Centre was established (in collaboration with UNITAR, Kuala Lumpur & Veolia Environnement)

2010

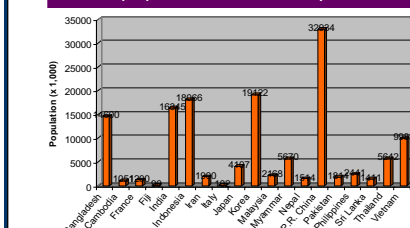
Progress on Membership

Number of Members



It is a unique network, comprised of a whole of urban stakeholders with more than 60 % local governments and the remaining 40 % civil society organisations, private sectors and research institutes

Total population covered by CITYNET



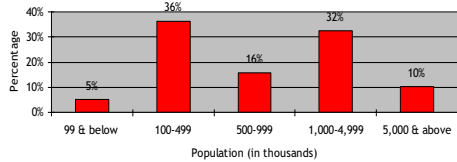
CITYNET TODAY:

- 77 member cities
- 12 National Level Organisations (including 6 Municipal Associations)
- 2 Development Authorities
- 26 NGOs/CBOs/
- 1 Private Company and 1 Honorary Individual

The total population covered by CITYNET is 140.16 million people.

Characteristics of Member Cities

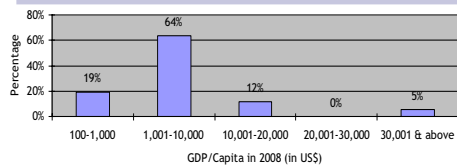
Distribution cities based on size (%)



High percentage of small and medium-sized cities (a total of 77 cities)

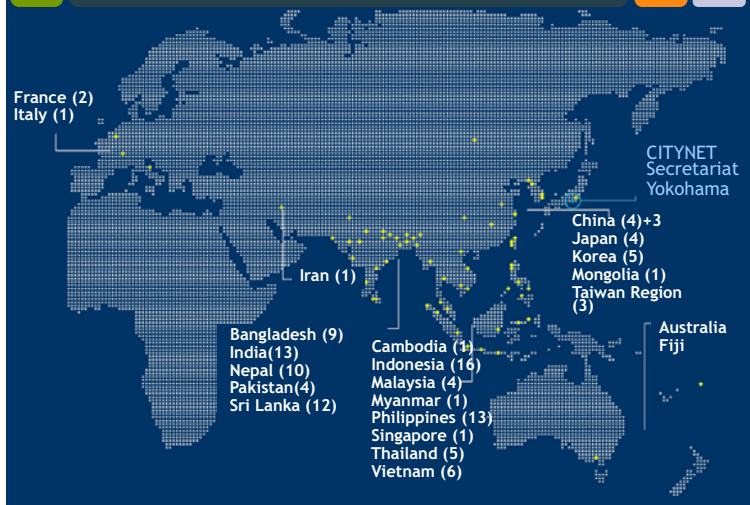
High percentage of low GDP/Capita member cities (a total of 77 cities)

Distribution of cities based on 2008 GDP/Capita (%)

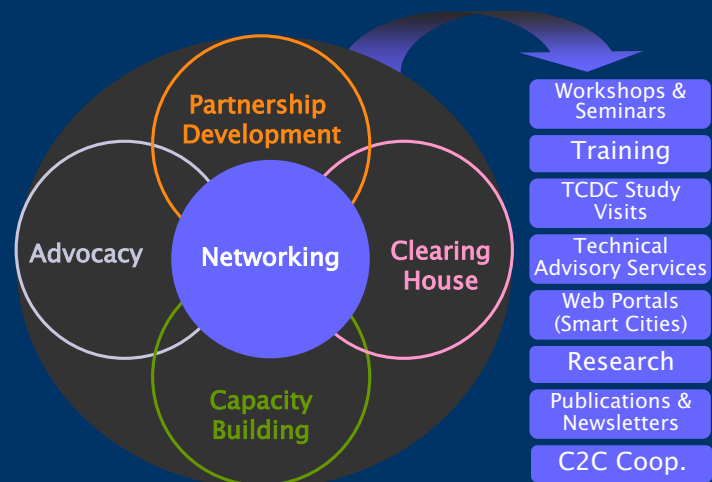


Note: The figures include Lyon and Ancona (Associate Members).

CITYNET Members (22 countries/ 1 region)



Approaches and Methods



Priorities

Infrastructure
(transport, land use planning)

Disaster
(disaster risk reduction)

Millennium Development Goals (MDGs)

Climate Change
(adaptation & mitigation)

Governance including e-governance, and Gender empowerment are being mainstreamed

Goal: **People-Friendly Cities** that are socially just, ecologically sustainable, politically participatory, economically productive, culturally vibrant, and globally connected.

Environmentally Sustainable Cities – our approaches & works

Our Challenge: Reduce GHG emissions & at the same time improve economic growth and quality of life



Promote & Prepare the Cities towards Environmentally Sustainable Cities

Jakarta's consensus and commitment

Develop "Road Map" for mitigating and adapting the climate change:

As part of GHG reduction – the immediate action needed is to provide a baseline from which performance can be compared; Determine the measures required (strategies, project and actions) ;

Establish Priorities and Targets: Determine where and by whom GHG are emitted (Government %, Business %, Industry %, Households %, Transportation %). All sources of GHG emissions need to be identified, Carbon Foot printing (audit).

Identify mitigation measures that ensure significant GHG reduction is achieved.

Engage all stakeholders, most importantly engaging Government, academia, community, private sector, and children and teachers - for support and participation.

Promote & Prepare the Cities towards Environmentally Sustainable Cities

Jakarta's consensus and commitment

Potential programme of Jakarta to reduce GHG's Emission: Public transport improvement (ex. BRT, MRT), solid waste reduction, energy efficiency (building retrofit, street lighting), expansion of greenery area;

Jakarta hopes to see a streamlined system for financing GHG measures that are otherwise out of our reach. It would be quite possible for Jakarta to achieve between 20% to 30 % reductions (depending on the base line) by 2030 with support from national government and other stakeholders including International Network.

Advocate Low Carbon Economy in Asia & Pacific



Organised the Forum on Low-Carbon Economy in Asia & Pacific (in cooperation with UNESCAP), Beijing, June 2009

The challenges are:

- Understanding the concept of LCE
- Limited funds
- Lack of human resource and institution capacity
- Lack of information
- Limited policies and regulations
- Technical gap

Policy dialogues on Challenges and Opportunities:

· Local institutions are not ready to address the issues due to low priority and awareness

Outputs:

- Need to raise awareness on sustainable consumption – change of life style;
- Data inventory on energy and GHG;
- Introduce energy into planning practices;
- Compilation of best practices at city and community level
- A reduction of energy consumption in existing buildings;
- Introduce green rating systems, etc.

Advocate - Sustainable Consumption & Green Purchasing

CHALLENGES:

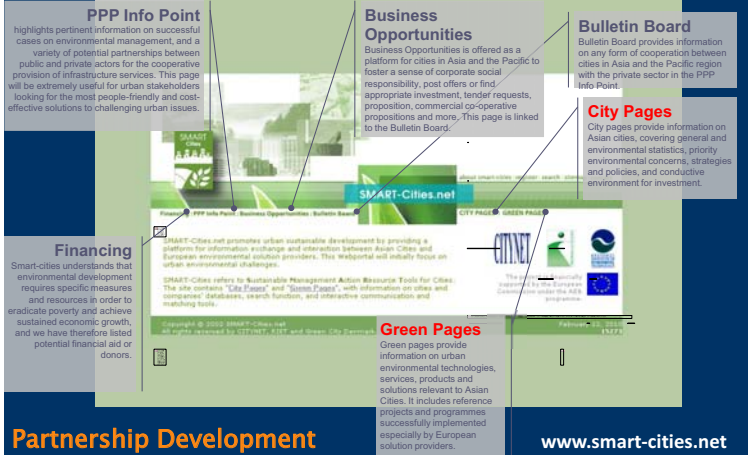
- Legislation enforcement & awareness on a large scale is still lacking;
- Need to understand about supply and demand cycle (ex. missing links on integrating green products and information system, criteria for green products);
- Appropriate technology transfer (ex. alternative energy as resource);
- Need to define and discuss green purchasing plans (inc. monitoring, increase producers)

ACTIONS:

- Training/capacity building for local government leaders and officials;
- Awareness raising programmes & twinning arrangements on green procurement with those who need support;
- Setting up committee/team for green purchasing (at all levels and should be a part of stipulating ordinances and incentives for all actors);
- Launch the City Recycle Award (CITYNET, IGPN, etc.);
- Effective Environmental Education (ex. Opening Recycling Centres for education of youth)

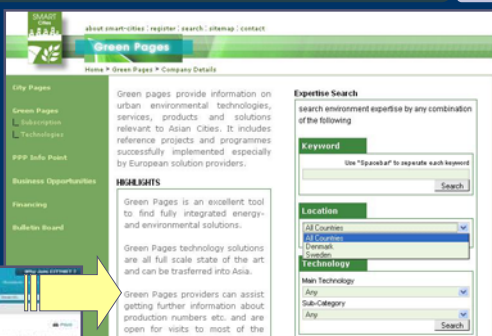
Business matching

SMART Cities - Sustainable Management Action Resource Tools for Cities



Business matching

Expansion of Green Pages to other companies outside Europe (explore cooperation with CITYNET Partners)
Monitor the interaction and hold face-to-face meetings



BENEFITS

- Linking donor and funding agencies together
- Increasing the pool of ACCESSIBLE expertise

City-to-City Cooperation & Climate Change



C2C & Climate Change

Phnom Penh - 3Rs

Makati



San Fernando

HELP-O



Replication to national level

C2C & Public Transport Reform

Mumbai

• Introduction of STS bus system based on the Seoul BRT

Kathmandu

• electronic government



Palembang

• Technical Advisory Services (TAS) to advise on urban transport plan

• Raising efficiency & capacity of public transport (tech transfer)

Jakarta



Public transport reform & green growth

Capacity Building

Institutions/ Organisers

CITYNET



Kuala Lumpur Regional Training Centre / CIPAL Kuala Lumpur



Ensure Local Actions

Learning Best Practices from other cities

Water and Sanitation (KLRTC 12)

Solid Waste Management (KLRTC 4)

Sustainable Transport (KLRTC 9)

Cities request follow-up projects

Decentralised Sewage Treatment System (DSTS)

Community-Based Solid Waste Management (CBSWM)

Bus Rapid Transit System

City-to-City Cooperation

Study Visits

Training

Workshops

Policy Formulation

Pilot Projects

Consultancy/ Advisory Services

Outcomes

Capacity building

Institutional Strengthening

Stakeholder participation

Self Reliance

GOAL

Improve basic environmental services in the Asia-Pacific Region

Knowledge Sharing



Conclusion

- CITYNET plays a role in ensuring the best practices are transferred, upscaled at city, national, regional levels (such as the public transport reform of Seoul);
- There is a need to synergizing existing policies, strategies and activities – reduce energy demand through efficiency and change of lifestyle;
- It is a platform for cities and their partners to be guided towards development, implementation and monitoring of ESC;
- To build local information base and capacity (tools and methods) to access carbon emission locally and help prepare the road map for cities and local governments;
- Encourage financing agencies for funding provisions to local governments.
- Intensify information and education campaigns regarding energy efficiency and climate change.

CITYNET

Thank You



www.citynet-ap.org

Together we can do more!

info@citynet-ap.org / bernadia@citynet-ap.org