Outputs of the ASEAN ESC Model Cities Programme

INTRODUCTION
Plenary Session 1
3rd High Level Seminar on Environmentally Sustainable Cities
6th March 2012
Siem Reap, Cambodia

Masnellyarti Hilman
Chairperson of ASEAN Working Group on ESC (AWGESC)
“A clean and green ASEAN with fully established mechanisms for sustainable development to ensure the protection of the region’s environment, the sustainability of its natural resources, and the high quality of life of its peoples.”
About the AWGESC

ASEAN Working Group on ESC

• Established in 2003 and has annual meetings

• One of its mandates is to develop a framework for sustainable cities which accommodates the varied circumstances among ASEAN cities and develops strategies for addressing related challenges.

• Initiatives include:
  • ASEAN ESC Indicators
  • ASEAN ESC Awards
  • ASEAN Initiative on ESC (AIESC) – 1st annual meeting last year in 2011
  • ASEAN ESC Model Cities Programme *NEW INITIATIVE*
Background of the programme

3rd East Asia Summit (EAS)  
NOV. 2007 @ SINGAPORE

The ‘Singapore Declaration on Climate Change, Energy and the Environment’ was adopted.

Inaugural EAS Environment Ministers Meeting (EMM)  
OCT. 2008 @ HANOI, VIET NAM

The Ministers agreed that ‘Environmentally Sustainable Cities’ (ESC) shall be the an immediate priority area for initial collaboration.

1st High Level Seminar (HLS) on ESC  
MAR. 2010 @ JAKARTA, INDONESIA

Recommended 5 practical activities for promoting ESC in the region

2nd EAS EMM  
OCT. 2010 @ BRUNEI DARUSSALAM

Noted the successful outcomes of 1st HLSESC

Follow up on the recommendations of the 1st HLS ESC by ASEAN Sec. AWGESC and IGES (ASEAN ESC Model Cities Programme)

2nd HLS ESC  
MAR. 2011 @ KITAKYUSHU, JAPAN

3rd HLS ESC  
MAR. 2012 @ SIEM REAP, CAMBODIA

3rd EAS EMM  
(t.b.c.)

16 COUNTRIES

CHINA + JAPAN + AUST.

KOREA (3) N. Z. (3)

The ‘Singapore Declaration on Climate Change, Energy and the Environment’ was adopted.

The Ministers agreed that ‘Environmentally Sustainable Cities’ (ESC) shall be the an immediate priority area for initial collaboration.

Recommended 5 practical activities for promoting ESC in the region

Follow up on the recommendations of the 1st HLS ESC by ASEAN Sec. AWGESC and IGES (ASEAN ESC Model Cities Programme)

Welcomed the implementation of the ASEAN ESC Model Cities Programme
Background of the programme

1st High Level Seminar on ESC (HLS ESC)

MAR. 2010 @ JAKARTA, INDONESIA

A Chair’s Summary recommending 5 practical activities for promoting ESC in the region:

1. An East Asia Model Cities Initiative
2. A clearinghouse for ESC-related data and information
3. A public and private sector forum on ESC
4. ESC capacity building
5. ESC Awards based on performance indicators

Organisers: Governments of Japan, Indonesia, Australia and Singapore

About 120 participants

MAIN OUTPUTS

- 8 local governments presented their environmental commitments
- National governments presented their ESC related initiatives
- Supporting organisations shared ideas for ESC collaboration

12 national governments, 24 local governments, 26 supporting organisations
Background of the programme

2nd High Level Seminar on ESC (HLS ESC)

MAR. 2011 @ KITAKYUSHU, JAPAN

Organisers: Governments of Japan, Australia, Cambodia, Malaysia and Thailand,

Supported by: Kitakyushu City, CSIRO and ESCAP

In cooperation with: JICA and Promotion Council of Low Carbon Cities, Japan (PCLCC)

About 140 participants

12 national governments,
19 local governments,
18 supporting organisations

MAIN OUTPUTS

Signing of an agreement on building a Strategic Environmental Partnership between City of Kitakyushu, Japan and City of Surabaya, Indonesia

Heard expressions of support for the upcoming ASEAN ESC Model Cities Programme

7 local governments ESC visions and targets, 7 local governments presented their progress made since the 1st HLS ESC

National governments presented actions taken to promote ESC in their countries

Supporting organisations shared ideas for ESC collaboration
Background of the programme

**3rd High Level Seminar on ESC (HLS ESC)**

**Organisers:**
Governments of Japan, Cambodia, Australia, Thailand and AWGESC

**Back-to-back with an informal Network Meeting for Local Governments (organised by, Kitakyushu City, IGES and CITYNET)**

**About 200 participants**
- 14 national governments,
- 39 local governments,
- 26 supporting organisations

**OBJECTIVES**

To provide a **broad platform for fostering partnership on ESC development** in the region among all stakeholders

Facilitate **transfer of good practices and policies** for ESC among national and local governments

Promote achievements of and obtain **support and ideas** for extending the ASEAN ESC Model Cities Programme into the 2nd year of implementation

Identify **new priority and strategic areas** for cooperation in ESC for practical activities
Introduction to the ASEAN ESC Model Cities Programme

A new initiative by the ASEAN Working Group on Environmentally Sustainable Cities (AWGESC)

- **Main Objective**: Promoting ESC development by supporting capacity building for bottom-up initiatives of ASEAN cities and supporting formulation of national ESC frameworks.

- **Year One**: Apr. 2011 - Mar. 2012 (extension being planned)

- **Coverage**: 14 cities in 8 countries (Cambodia, Indonesia, Lao PDR, Myanmar, Malaysia, Philippines, Thailand and Viet Nam)

- **Cost-sharing** with national, local governments and potential collaboration partners
### Selected Model Cities (Year 1)

<table>
<thead>
<tr>
<th>Country</th>
<th>Model Cities</th>
<th>Main Activities</th>
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<tbody>
<tr>
<td>Cambodia</td>
<td>Phnom Penh</td>
<td>Reducing plastic bag usage in shops</td>
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<td>Siem Reap</td>
<td>Piloting a community-based waste separation scheme</td>
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<td>Indonesia</td>
<td>Palembang</td>
<td>Replicating a successful waste bank in Yogyakarta as part of a nationwide rollout</td>
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<td></td>
<td>Surabaya</td>
<td></td>
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<tr>
<td>Lao PDR</td>
<td>Xamneua</td>
<td>Strengthening project management skills and mini demo-projects in waste management, wastewater treatment and urban greenery</td>
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<tr>
<td>Myanmar</td>
<td>Yangon</td>
<td>Training on sustainable water supply and treatment</td>
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<tr>
<td>Malaysia</td>
<td>Kuching North</td>
<td>Developing a local formula of Bokashi composting and piloting a compost centre</td>
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<tr>
<td>Philippines</td>
<td>Puerto Princesa</td>
<td>Training for composting, water management and piloting a new system of wastewater treatment</td>
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<tr>
<td></td>
<td>Palo, Leyte</td>
<td>Training for composting and water management</td>
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<tr>
<td>Thailand</td>
<td>Maehongson</td>
<td>Promoting waste segregation and recycling through education and training</td>
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<td></td>
<td>Muangklang</td>
<td>Promoting and training for low carbon city plan implementation and organic farming</td>
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<td></td>
<td>Phitsanulok</td>
<td>Supporting the scale-up and dissemination of the “Phitsanulok Model” of waste management</td>
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<tr>
<td>Viet Nam</td>
<td>Cao Lanh</td>
<td>Establishing a local-level multi-stakeholder ‘self-protection’ committee for the environment and formulation of its strategy</td>
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<td></td>
<td>Da Nang</td>
<td>Creation of a ‘Model Environmentally-friendly Residential Area’ with pilot projects</td>
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</table>
Summary of Achievements Year 1

• National ESC Frameworks
  o Synergised or linked with existing ESC related national programmes, particularly existing sustainable city award programmes
  o Helped to initiate process of formulating national ESC frameworks, particularly in Cambodia and Viet Nam

• Local Capacity Building
  o Provided seed funding, technical assistance and others forms of support for achieving local ESC visions and goals of 14 cities
  o Main sectors/themes: Solid waste management, water and sanitation, urban greenery, low carbon city development

• City-to-city Cooperation
  o Kuching – Nonthaburi – Kitakyushu
  o Puerto Princesa – Palo
  o Jogjakarta – Malang – Surabaya – Palembang
  o Yangon – Penang
A clearinghouse for ESC activities showing WHO is working with WHICH cities on WHAT areas to promote collaboration and linkages among all stakeholders.

Filterable according to country, city size, network membership, programmes, themes, and partners.

All the cities working with us as well as with our partners are mapped here.
<table>
<thead>
<tr>
<th>Recommended practical activities of the 1st HLS ESC</th>
<th>Progress since the 1st HLS ESC</th>
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<tbody>
<tr>
<td>1. An East Asia Model Cities Initiative</td>
<td>Developed as the ASEAN ESC Model Cities programme</td>
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<tr>
<td>2. A clearinghouse for ESC-related data and information</td>
<td>Sustainable Cities Asia Knowledge Hub</td>
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<tr>
<td>3. A public and private sector forum on ESC</td>
<td>Thematic Session in 3rd HLS ESC</td>
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<td>4. ESC capacity building</td>
<td>14 cities and 8 countries received assistance for capacity building under the ASEAN ESC Model Cities Model Programme</td>
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<td>5. ESC Awards based on performance indicators</td>
<td>Linkages established with the ASEAN ESC Awards and national sustainable city Awards in respective countries such as Adipura Awards (Indonesia), Liveable Cities Awards (Thailand), Bandar Lestari Awards (Malaysia).</td>
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### Additional resources, collaborations and linkages

<table>
<thead>
<tr>
<th>Stakeholder</th>
<th>Type of resources, collaborations and linkages</th>
</tr>
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<tbody>
<tr>
<td>Japan International Cooperation Agency (JICA)</td>
<td>Participation costs of 1 representative from Kuching North (Malaysia) to attend a 1-month training course on Low Carbon City Development held from 26 Sep – 21 Oct. 2011 in Kitakyushu, Japan.</td>
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<tr>
<td>Clean Air Initiative for Asian Cities (CAI-Asia)</td>
<td>Co-organised a Consultative Session on Country-based ESC Awards Programmes as a breakout session during the Better Air Quality Conference (BAQ) in November 2010 in Singapore. Consultations on developing a knowledge base and map for sustainable city initiatives in the region</td>
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<tr>
<td>Penang Water Utility (PBA)</td>
<td>Designed a tailor-made training programme on water distribution and quality management for Myanmar city officials</td>
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<tr>
<td>USAID/ ECO-Asia Waterlinks Programme</td>
<td>Provided training to North Kuching Municipality on expanding and enhancing home-based composting and operations of the city’s composting centre</td>
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<tr>
<td>Sasebo (Environmental NPO in Nagasaki)</td>
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<tr>
<td>Nonthaburi Municipality, Thailand</td>
<td>Co-organising the programme’s Grand Regional Seminar (in association with the 3rd High Level Seminar on ESC)</td>
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<tr>
<td>Governments of Australia, Cambodia, Japan and Thailand</td>
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Thank you
5th ASEAN-Japan Dialogue on Environmental Cooperation
(15 Sep. 2011, Brunei Darussalam)

The meeting agreed that ASEAN member states will prepare a proposal for Year 2 of ASEAN ESC Model Cities Programme
Lessons Learned in Year 1 and proposed directions for Year 2

1) Organic waste management and low-cost wastewater treatment are priority areas for ASEAN cities. Interest is emerging in low carbon city development, particularly among more ‘advanced’ cities
   • Establish a programme area within AWGESC, and streamline it with the existing ASEAN Initiative on ESC (AIESC)
   • Support the establishment of national networks to feed into the regional programme area

2) City-to-city learning is popular, but it requires a structured and strategic approach to be effective.
   • Match cities with similar profiles and learning needs
   • Welcome participation of other cities including those from EAS countries (Australia, China, India, Japan, Korea, United States, Russia)
   • Expand the pool of potential matches, particularly by linking to associations of local authorities in each country