

Framework and main outputs of the ESC Model Cities Programme in ASEAN

COP19 Side Event

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Outline of presentation

- Programme Background & Year 1 Summary
- Year 2 Directions and Proposal



ASEAN ESC Model Cities Programme (Year 1)

Local initiative



Designed as an umbrella initiative to support EAS Environment Ministers' priority area for regional collaboration on 'ESC'

Funder
Japan-ASEAN
Integration Fund
(JAIF)



Japan-ASEAN Cooperation

**Regional
Secretariat**



ASEAN Secretariat



Institute for
Global Environmental
Strategies

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

- **Year 1:** **Apr. 2011 - Mar. 2012** (extension in progress)

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

■ Collaboration with ASEAN Working Group on ESC (AWGESC)

Background of the programme

3rd East Asia Summit (EAS)

NOV. 2007 @ SINGAPORE

16 COUNTRIES

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



CHINA	AUST.
+ JAPAN	+ INDIA
(10) KOREA (3)	N. Z. (3)

Inaugural EAS Environment Ministers Meeting (EMM)

OCT. 2008 @ HANOI, VIET NAM

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

Chair's Summary
Recommended 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

1st High Level Seminar (HLS) on ESC

MAR. 2010 @ JAKARTA, INDONESIA

Recommended 5 practical activities for promoting ESC in the region

AWGESC Chair



EAS Nat. Gov. + Local Gov. + International development community

Programme approved in 2012

Inspirations and Synergies

Japan Eco-Model Cities Programme (2009 – present)

- 13 'Eco-Model Cities' selected based on definitive criteria
- Monitoring and evaluation of progress by the Cabinet Secretariat
- No funds provided to local governments
- Encouraging ambitious visions and leadership by local governments

Indirect Incentives

Bottom-up Approach

Kitakyushu Initiative for a Clean Environment (2000 – 2010)

- A programme of ESCAP
- IGES was the Network Secretariat
- A network and platform for cities to learn from each other and promote their achievements and replication of good models/practices

Peer-to-peer Learning

Network and Platform

Existing National City Awards Programmes

- Adipura Environmental Awards (**Indonesia**)
- Bandar Lestari Sustainable City Awards (**Malaysia**)
- **Thailand** Livable City Awards
- **Philippines** evaluation by DILG
- Sweden LIP, India's Jawaharlal Nehru Programme
- National governments taking the lead to formulate country-based frameworks and criteria for 'sustainable city'

Recognition of good performance

Existing ASEAN Initiatives on ESC

- ASEAN Initiative on ESC (AIESC)
- ASEAN ESC Indicators
- Regional cooperation and perspectives

Regional Collaboration Framework

Aligning with National Development Goals and Frameworks



With AWGESC and ASEAN Secretariat

The programme's approach and implementation

- **Local: Cities as 'role models' and champions**

- Establish visions, goals and plans
- Take practical actions
- Innovate, inspire and spread good practices/policies to other cities



Ideas / proposals from LGs

- **National: Country-based Model Cities Programme** - provide/design enabling frameworks as well as dissemination, replication and scale-up of good practices

Select

- **Regional: Reporting & networking platform** - provide appreciation and recognition, facilitate cross country city-to-city learning, matching 'demand' and 'supply' of resources

Connect

- **Other stakeholders: Partners to the programme** providing additional resources (technical assistance, financial, networks etc.)

Commitment by national government

Achievements – National ESC Frameworks

Supported by AWGESC

Cambodia



Indonesia



Malaysia



Lao PDR



Thailand



Philippines



Viet Nam



- Synergised or linked with existing ESC related national programmes
- Helped to initiate process of formulating national ESC frameworks, notably:
 - **Cambodia** (nationwide Clean City Campaign, involving 24 provinces)
 - **Viet Nam** (proposed ESC indicators suitable for Viet Nam)



High interest demonstrated by countries as the programme originally expected participation by 4 countries

Selected Model Cities (Year 1) 1 year, 8 countries, 14 cities, 15,000 persons

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

Solid waste management, waste banks

Highlights of Selected Cities

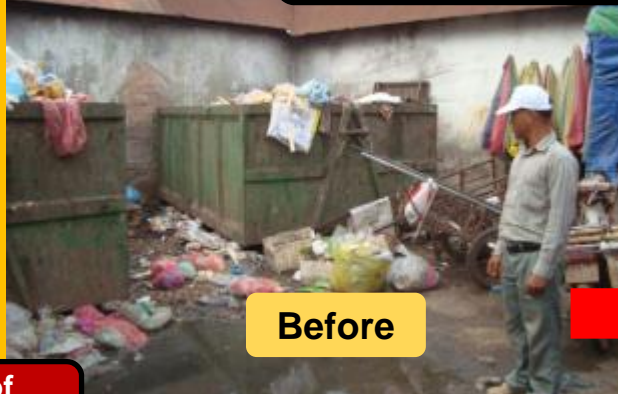


PHNOM PENH

Reducing use of
plastic bags

SIEM REAP

Waste segregation and
organic waste reduction



Before



After

CAMBODIA INDONESIA

PALEMBANG



Established over 55
pilot Waste Banks in
6 months



SURABAYA

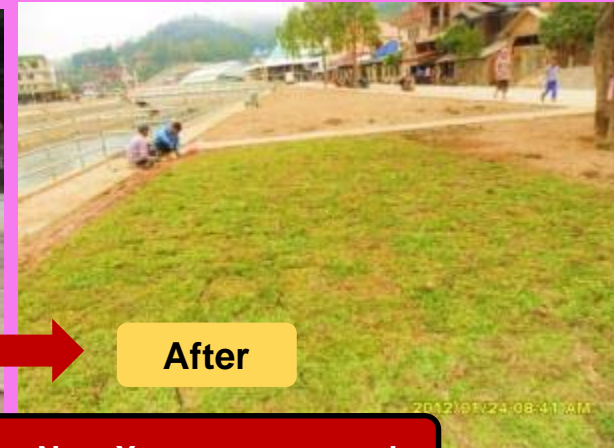
Highlights of Selected Cities



Producing bio-waste extract
fertiliser from composting



Before



After

XAMNEUA

Banks of River Nam Xam were greened

**LAO PDR
MALAYSIA**



Learnt from Thailand and
Japan on organic waste
management



**NORTH
KUCHING**



Water and wastewater management

Highlights of Selected Cities



**YANGON, MANDALAY, NAY PYI TAW
NYAUNG SHWE & MEIKHTILA**



**Training on water supply and
quality management by Penang
city, Malaysia**



MYANMAR

**PALO,
LEYTE**

**Learnt from Puerto Princesa on
solid waste management**



PHILIPPINES



**Low-cost wastewater treatment
and composting**



**PUERTO
PRINCESA**

Environmental education, community participation

Highlights of Selected Cities



MAEHONGSON

Wastewater
treatment training

MUANGKLANG

Low Carbon City
Campaign



PHITSANULOK



Train the trainers community-
based waste management

THAILAND

**CAO
LANH**

Large-scale campaign targeting
10,000 children in 20 schools



Self-governing
environmental protection
units formed

DANANG

Establishing pilot
Environmentally Friendly
Wards



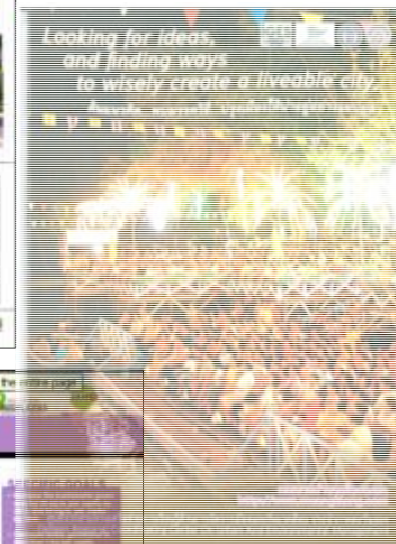
VIET NAM

Additional resources, collaborations and linkages

Stakeholder	Type of resources, collaborations and linkages
United Nations Social and Economic Commission for Asia and the Pacific (ESCAP)	Organising the Inception Workshop and Launch of the programme at the Fifth Asia-Pacific Urban Forum in Bangkok, Thailand (21 – 22 June 2011)
Japan International Cooperation Agency (JICA)	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. Established linkages with JICA Lao PDR Project for Narrowing the Development Gap towards ASEAN Integration (LPPE)
Clean Air Initiative for Asian Cities (CAI-Asia)	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
Penang Water Utility (PBA)	Designed a tailor-made training programme on water distribution and quality management for Myanmar city officials
USAID/ ECO-Asia Waterlinks Programme	
Sasebo (Environmental NPO in Nagasaki)	Provided training to North Kuching Municipality on expanding and enhancing home-based composting and operations of the city’s composting centre
Nonthaburi Municipality, Thailand	
Governments of Australia, Cambodia, Japan and Thailand	Co-organising the programme’s Grand Regional Seminar (in association with the 3 rd High Level Seminar on ESC)

Secretariat works
(only 2 IGES staff)

Outreach and knowledge management



Website

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

Online Map

Knowledge Hub

Under development

Publications and Fact Sheets



Grand Regional Seminar / 3rd HLS ESC (March 2012, Siem Reap, Cambodia)



Incorporated with the
3rd High Level Seminar on ESC
under the EAS EMM framework

Co-organisers: Japan, Cambodia,
Australia, Thailand and AWGESC

Participants (over 200):

- Nat. governments (50 from **14 countries**)
- Local governments (95 from **46 cities**)
- NGOs, Development Agencies, Academia,
Private Sector (44 from **27 organisations**)

Support for Year 2 of the programme



**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

Obtaining support

4th High Level Seminar on ESC (21 – 22 March 2013, Hanoi, Viet Nam)



**4th High Level Seminar on ESC
under the EAS EMM framework**

Co-organisers: Viet Nam, Japan,
Australia, Indonesia, ASEAN Sec. and
AWGESC

Participants (over 200):

- **Nat. governments** (100 from **15 countries**)
- **Local governments** (31 from **21 cities**)
- **NGOs, Development Agencies, Academia
Private Sector** (60 from **29 organisations**)

Outputs of the 4th HLS ESC



- NFPs and local governments presented their **Year 1 lessons** learnt and **Year 2 plans**
- Supporting organisations presented their ideas for supporting and linking to the programme
- Two side events held (**CityLinks** and **GIZ/CAI-Asia**)

Year 2 Proposal Overview

Objectives

- Extension to allow national and local governments to build on Year 1 achievements
- Continue strengthening national ESC frameworks
- Continue capacity building and technical assistance to selected cities (about 16 cities)
 - Focus on small and medium cities
 - Facilitate **city-to-city partnership** (twinning)

Directions

- Streamline with the ASEAN Initiative on ESC (AIESC) and High Level Seminar on ESC
- Consolidate the ASEAN ESC Model Cities Network and platform
- Broaden engagement (ASEAN → **EAS** EMM participating countries)
- Expand partnerships with supporting organisations
 - Tap into growing opportunities to support emerging interest on 'low carbon' and 'resilient' cities

Proposed Directions and Potential Cities – Year 2

Country	Proposed Directions for Country-based Model Cities Programme
Cambodia	<ul style="list-style-type: none"> • Intensify the dissemination of ASEAN ESC indicators to the local level • Integrate National Clean City contests with environmental education and campaigns
Indonesia	<ul style="list-style-type: none"> • Expand assistance to other ESC related sectors • Link with existing programmes, such as Adipura • Identify and replicate proven best practices • Facilitate city-to-city exchanges
Lao PDR	<ul style="list-style-type: none"> • Further elaborate ESC guidance and integrate into formal policy • Scale up year 1 pilot activities • Create partnership with the public, other organisations and private sector <p style="text-align: right;">Ongoing ESC project supported by JICA</p>
Malaysia	<ul style="list-style-type: none"> • Further dissemination of best practices from Year 1 • Build partnerships with private sector and international organisations

Proposed Directions and Potential Cities – Year 2

Country	Proposed Directions for Country-based Model Cities Programme
Myanmar	<ul style="list-style-type: none"> • Set up country-based ESC Model Cities programme • Promote technical assistance and other form of support to selected cities
Philippines	<ul style="list-style-type: none"> • Scale up the programme to eventually cover one city from each of the 16 regions nationwide
Thailand	<ul style="list-style-type: none"> • Link to support the National Plan on Environment named "Environmental Quality Management Plan (2012-2016)", to help Models of Green City and Environmental Friendly Society with low-carbon development.
Viet Nam	<ul style="list-style-type: none"> • Finalise and issue national ESC criteria • Revise related legal documents • Develop international collaboration to promote ESC

Local actions for emissions reduction!

Conclusion – ‘From islands of excellence, to a sea of change’

