



Philippines ECO Friendly and Healthy Cities

National Initiatives/Programmes to support ASEAN ESC Model Cities Programme Phase 2

**Plenary 1/Day 1
5th High Level Seminar on ESC
28 Feb. – 1 Mar. 2014
Surabaya, Indonesia**



28 FEB - 1 MAR 2014

SURABAYA, INDONESIA

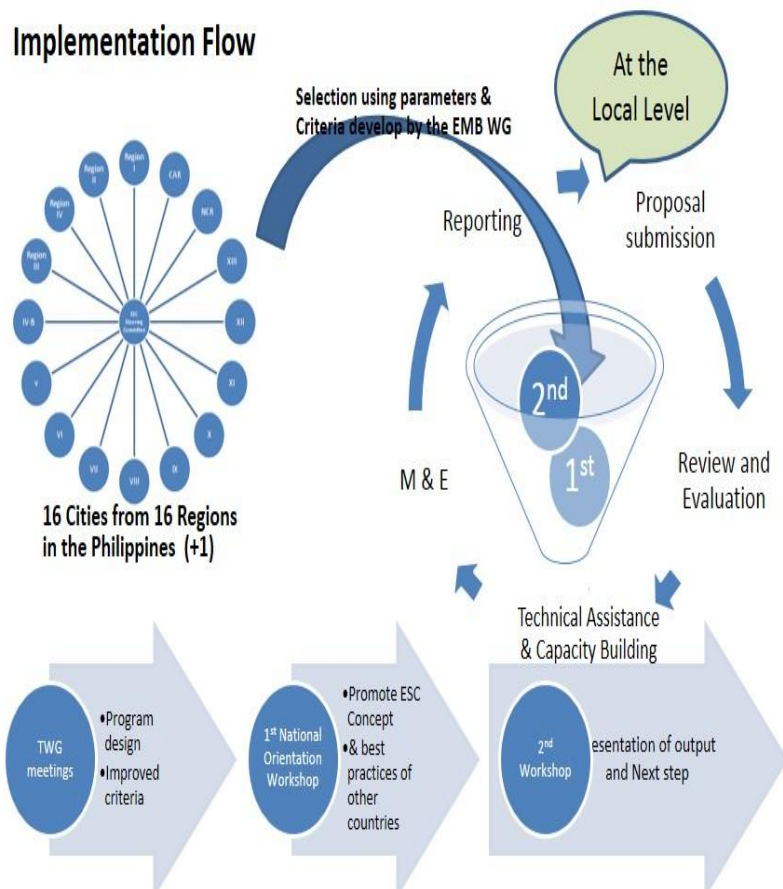
Overview and Background



Philippines ECO Friendly and Healthy Cities



Implementation Flow



Philippines National ESC Model Cities Programme
1st National Workshop
16 Nov 2011, Manila, Philippines

Selected Model Cities (Year 1)

Country	Model Cities	Main Activities
Cambodia	Phnom Penh	Reducing plastic bag usage in shops
	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 for final disposal site management, leachate treatment, waste to energy methods and water purification
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

Overview and Background

Support to LGU (2011 - 2013)

- 1st National Workshop cum Orientation on the ESC Concept, 15-16 November 2011
- 2nd National Workshop on Environmentally Sustainable Cities, 27-29 March 2012 in Puerto Princesa City
- Conducted Workshop on Solid Waste Management Practices in Cebu – 23-27 July 2013, topics included are the following:

- SWM, Leachate Treatment System, Rehabilitation of Landfills, Orientation and demonstration of the Takakura and Bokashi Method of composting, Introduction on Disaster Risk Reduction, and presentation of the good practices of Cebu on Environmental Management
- Site visit on Archival House of Nature



Overview and Background



Support to LGU (2012-2013)

• Provided technical support/capability building in the formulation of SWM Plan thru University of the Philippines Open University online course on Solid Waste Management for Local Government Units (4th Batches conducted = 28 LGUs assisted)

- Baguio City, Santa Rosa City Laguna, Cebu City, Palo Leyte, Gingoog City, Koronadal City, Butuan City (7), Mandaluyong, Santiago, San Jose del Monte, Legaspi, Naga, Iloilo (7), Bacnotan, Puerto Galera, Tagum, Malabon, Cagayan de Oro, Sorsogon, Malaybalay, Valencia (8), Malvar, Lapu-Lapu, Davao, San Juan, Kalibo Aklan, Marikina (6)



Overview and Background



eLearning Course on Solid Waste Management for Local Government Units (eSWM4LGUs)

•The eSWM4LGUs was recently awarded the ECBCheck Certification for e-Learning Programme Quality in Berlin, Germany 1st of December 2013 during the Open Educa Berlin Conference. The certification is an affirmation that the solid management course is “compliant to the criteria of the 2013 international ECB Check quality label”, and valid until December 2016.

•<http://fmds.upou.edu.ph/index.php/news/133-ecbcheck>



Overview and Background

GREENING THE NATION



Program conducted for 2013

- 300,000 h.a.
- Will provide assistance on the establishment of barangay forest program in support to *the new law on Arbor Day (RA 10176)*;
- P250M for 2013 (US\$5.8M)

*Philippine Arbor Day is celebrated every **25th of June** nationwide. Promotes **rehabilitation and re-greening of the environment** .*

For 2014 – PhP1B (US\$23.2M) for the mangrove and beach forest, rehabilitation of affected by Typhoon Haiyan



Overview and Background



Environmental Compliance Assistance (ECA) Center for LGUs

- Created to assist LGUs to comply with environmental laws and standards
- a comprehensive collection of information materials are made available
- Improve organization's environmental compliance



Overview and Background

Philippine League of Local Environment and
Natural Resources Officers (PLLENRO)

2013 **National Convention**

walk the talk.

*On Low-Carbon Governance, Improving Air
Quality and Protecting Natural Resources*

ENVIRONMENTAL MESSAGE

CORAZON C. DAVIS

Department of Environment and Natural Resources

Promoting ESC thru Partnership

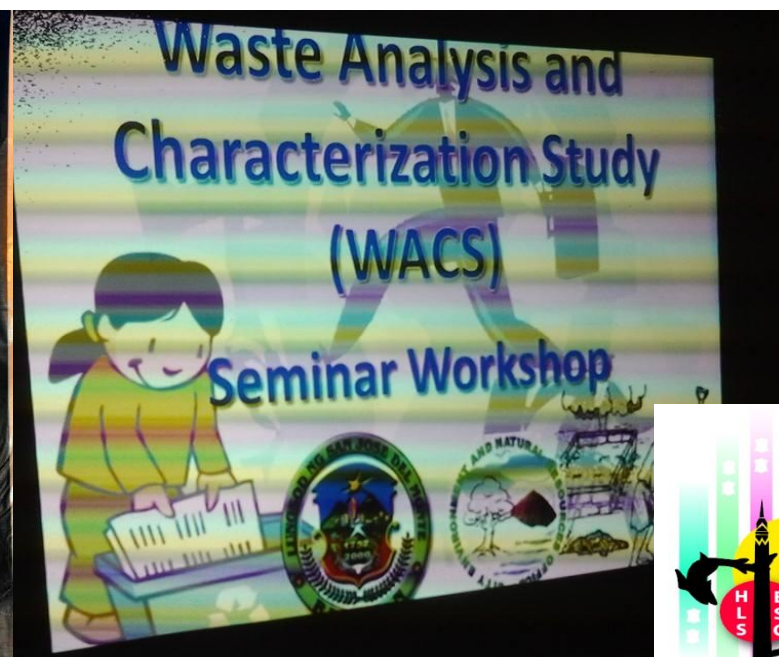
- Presented to the PLLENRO in 2013 National Convention last April 2013 an environmental message focusing the programs on ESC



Overview and Background

Support to LGU – thru Capacity Building and Public and Private Partnership (3Ps)

- Continue to Support the LGUs in the conduct of Waste Analysis and Characterization Study and establishment of Material Recovery Facility
- Promote Effective SWM Program through dynamic Public & Private Partnership - Feb 11, 2014 – SWM Anniversary



Overview and Background



Mainstreaming Sustainable Schools to ESC

- 2013 National Search for Sustainable and Eco-Friendly Schools
- Awarding was conducted November 2013 – in celebration of the National Environment Awareness Month



Linkage to ASEAN ESC Model Cities

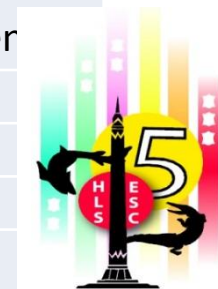
On Foreign Assisted Program/Activities

- CityLinks Pilot Partnership between the United States and ASEAN Member State
 - Recipient – Legaspi City (Luzon)
 - Possible replication of what had happened during the Climate Leadership Academy to the ESC in the Philippines



Way Forward For Model Cities Phase 2

Luzon	Santiago City	<ul style="list-style-type: none"> Bokashi and Takakura Method of composting, Styro Plastic densifier (know how and purchase of eqpt.)
	Santa Rosa Laguna	<ul style="list-style-type: none"> formulation of integrated watershed management plan with 3 LGUs as part of the watershed for the quantity and quality of ground water; formulation of the air quality management plan; waste to energy project for waste management and option for an alternative fuel
	San Jose del Monte Bulacan	<ul style="list-style-type: none"> air quality management program
Visayas	Legaspi City	<ul style="list-style-type: none"> Replication of the Climate Leadership Academy on ESC in the Philippines
	San Carlos City	<ul style="list-style-type: none"> Regional City to City exposure on wastewater and air quality management
	Palo Leyte	<ul style="list-style-type: none"> any project to start with
Mindanao	Davao City	<ul style="list-style-type: none"> greenhouse gas inventory and
	Cagayan de Oro City	<ul style="list-style-type: none">



Messages to 5th HLS ESC Supporting Organizations

Provision of technical and financial assistance to our local government or cities is highly requested for the bottom-up approach on projects like:

- ✓ water and sanitation or sewerage management
- ✓ Air quality management
- ✓ Adaptation and resilience
- ✓ Policy and governance
- ✓ Scaling up of e-course on SWM for LGUs for their SWM Plan



Thank you.

