PHILIPPINE SUSTAINABLE CITIES AND SUSTAINABLE SCHOOLS

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Outline

- ASEAN Environmental Education Action Plan
- ASEAN Cooperation on Environmentally-Sustainable Cities (ESC) and Environmental Education (EE)
- ASEAN Working Group Programs on ESC and EE
- Way forward on Sustainable Cities and Eco-Friendly Schools
The ASEAN Environmental Education Action Plan (2014-2018)

Strategic Action 3 under Target Area (Non-Formal Education)

Promote and expand Environmental Education/Education for Sustainable Development as a key integrating tool in the development of environmentally-sustainable cities in each ASEAN member-state
ASEAN Cooperation on Environmentally Sustainable Cities

Roadmap for an ASEAN Community (2009-2015):

1) Economic Community Blueprint
2) Socio-Cultural Blueprint
3) Political – Security Blueprint
4) Narrowing the Development Gap.

ASEAN Socio-Cultural Community Blueprint

1) Environmental Sustainable Cities
2) Environmental Education

D1. Global Environmental Issues
D2. Transboundary Environmental Pollution
D3. Environmental Education
D4. Environmentally Sound Technology
D5. Environmentally Sustainable Cities
D6. Harmonisation of Environmental Policies & Databases
D7. Coastal & Marine Environment
D8. Natural Resources & Biodiversity
D9. Freshwater Resources
D10. Climate Change
D11. Forestry
Environmentally Sustainable Cities

ASEAN Environmentally Sustainable Cities/Model Cities

What is an ‘Environmentally Sustainable City (ESC)’?
- “Pro-poor, low-carbon, environmentally-sound, resource-efficient and recovery-oriented”
- “Alternative model of urban development, capable of securing economic, social and ecological progress in a sustainable and inclusive way”

What is a ‘Model City’?
A ‘Model City’ serves to inspire other cities, with good practices and policies that may be replicable. A ‘Model City’ desires to be a leader and frontrunner in terms of sustainable urban development and has a clear vision, goals and action plans to develop in line with the principles of sustainability.
Components of the ESC Programs

• Development of ASEAN Key Indicators for Model Cities
  • Clean Air,
  • Clean Water and
  • Clean Land
  • Inclusion of the Singapore Index on Cities Biodiversity

Singapore Index on Cities Biodiversity (SI):
Quezon City, Cagayan de Oro City attended the first workshop (2010)
Pasig City, San Carlos City and Davao City attended the workshop in Singapore (2014)
NCR PAWS Initiated the Pilot Testing of the Indicators with Manila Bay Region (Sept & Nov. 2014).
Components of the ESC

ASEAN Environmentally Sustainable Cities (ESC) Award

- Initiated in 2008 and held every 3 years
- ESC National Award must have the ESC Indicators/criteria on clean air, clean water and clean land
- Certification per category
  - Small cities (20,000 to 750,000 population)
  - Big cities (750,000 to 1,500,000 population)
    - Clean Air
    - Clean Water
    - Clean Land

Philippines:
2008
ESC Award: Puerto Princesa City

2011
ESC Award: Puerto Princesa City

2014
ESC Award: San Carlos City

Clean Land
Big City Category: Davao City
Components of the ESC

ASEAN Environmentally Sustainable Cities (ESC) Award

2014
Philippines:
ESC Award: San Carlos City
Clean Land
Big City: Davao City
Components of the ESC

Conduct of an Annual High Level Seminar on ESC

Objectives:
• Showcase innovative, game-changing ESC practices/policies and technologies in the region;
• Promote networking, cooperation and knowledge exchange among key ESC stakeholders

Participants:
Government (national and local), academe, civil society, international organizations, private sectors

HLS - ESC:
1. 2010 – Vietnam
2. 2011 – Japan
3. 2012 - Cambodia
4. 2013 - Vietnam
5. 2014 - Surabaya
6. 2015 - Malaysia
7. 2016 - Vietnam
Provision of Technical Assistance to Cities and Linking to Funding Institutions

JAIF, IGES, ADB, GIZ, JICA, IBEEC, OECD, ESCAP, UNCRD, US
Objectives:
• Promoting ESC development by supporting capacity building for bottom up initiatives of aspiring “Model” ASEAN Cities and supporting formulation of national ESC frame works

Recipient in the Philippines:
  2011:
    Puerto Princesa City (IVB)
    Palo Leyte (VIII)

  2014: (Year 2)
    Santiago City (II)
    San Carlos City (III)
    Legaspi City (V)

  2016 (Year 3)
Clean Air for Smaller Cities

Countries
Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Thailand and Vietnam; 12 cities

Overall Project Objective
To develop clean air plans for smaller cities and support implementation

Recipient in the Philippines

Iloilo City
Cagayan de Oro City
Baguio City

2015 Twining or Upscaling:
Iloilo Airshed
Davao City
JICA Support Facility for City-City Cooperation

A City in Japan

Proposal

Support

City to City Cooperation on ESC

X City in developing countries

- Dispatch experts
- Study Tour
- Training
- Pilot Project, etc.

Recipient in the Philippines

Cebu City – Kitakyushu City
ASEAN-U.S. CityLinks Pilot Partnership

- City-to-city partnership pilot program to support urban climate change adaptation planning and implementation in selected cities in Southeast Asia

- Objectives:
  - To develop and implement innovative approaches by selected ASEAN cities to adapt to climate change
  - To enhance the ability of ASEAN partner cites to learn from other cities by facilitating direct networking
  - To develop a sustained online Knowledge Network to connect ASEAN city officials to exchange ideas and share best practices and results

- Recipient in the Philippines
  - Legaspi City paired with Fort Lauderdale, Florida
Way Forward

• Develop more ESC Model cities
  • 2011 = 16 cities; 2012 = 17 cities; and 2015 = 24 cities

• Continue to provide technical assistance and link cities with funding institution to support environmental programs
  • Air quality management and climate change
  • Water quality management and sanitation
  • Solid waste management and others

• Strengthen partnership with Philippine League of Local Environment and Natural Resources Officers (PLLENRO) and the League of Cities
On Sustainable and ECO Friendly Schools
Republic Act No. 9512:
National Environmental Awareness and Education Act of 2008

The state shall promote national awareness on the role of natural resources in economic growth and the importance of environmental conservation and ecological balance towards sustained national development.
Promotion of Green Schools

Objectives:

- To encourage schools/academic institutions to become more actively involved in environmental issues at a practical and local level;
- To develop skills and understanding among the students, faculty and school administrators in initiating active responses and increasing community awareness and participation on environmental concerns.

Launched in 2009 in the Philippines
Covers primary, high school and tertiary levels
2009 National Search for Sustainable and Eco-Friendly Schools National Level (Elementary School Category)

First Place
Peñablanca East Central School, Cagayan (Region 2)

Second Place
North Central Elementary School, Dagupan City, Pangasinan (Region 1)

Third Place
Badas Elementary School, Surigao del Norte (Region 13)
2011 National Search for Sustainable and Eco-Friendly Schools National Level (Elementary School Category)

First Place
Iliran Elementary School, San Carlos City, Negros Occidental (Negros Island Region)

Second Place
Kibawe Central School, Bukidnon (Region 10)

Third Place
San Mariano Elementary School, Oriental Mindoro (Region 4B)
2013 National Search for Sustainable and Eco-Friendly Schools National Level (Elementary School Category)

First Place
Dubinan Elementary School, Santiago City, Isabela (Region 2)

Second Place
Koronadal Central Elementary School II, South Cotabato (Region 12)

Third Place
Kibawe Central School, Bukidnon (Region 10)
2015 National Search for Sustainable and Eco-Friendly Schools National Level (Elementary School Category)

First Place
Divisoria Elementary School, Santiago City, Isabela (Region 2)

Second Place
Ara-al Elementary School, La Carlota City, Negros Occidental (Negros Island Region)

Third Place
Bonuan Boquig Elementary School, Dagupan City, Pangasinan (Region 1)
2009 National Search for Sustainable and Eco-Friendly Schools National Level (High School Category)

First Place
La Castellana National High School, Negros Occidental (Negros Island Region)

Second Place
Camarines Sur National High School, Naga City (Region 5)

Third Place
Daniel R. Aguinaldo National High School, Davao City (Region 11)
2011 National Search for Sustainable and Eco-Friendly Schools National Level (High School Category)

First Place
Camarines Sur National High School, Naga City (Region 5)

Second Place
University of San Jose Recoletos High School, Cebu City (Region 7)

Third Place
Daniel R. Aguinaldo National High School, Davao City (Region 11)
2013 National Search for Sustainable and Eco-Friendly Schools National Level (High School Category)

First Place
Ateneo de Davao University High School, Davao City (Region 11)

Second Place
Doña Remedios Trinidad High School, Bulacan (Region 3)

Third Place
Diadi National High School, Nueva Vizcaya (Region 2)
2015 National Search for Sustainable and Eco-Friendly Schools National Level (High School Category)

First Place
Bintawan National High School, Nueva Vizcaya (Region 2)

Second Place
Baguio City National High School, Baguio City (Cordillera Administrative Region)

Third Place
Sumoroy Agro-Industrial School, Northern Samar (Region 8)
2009 National Search for Sustainable and Eco-Friendly Schools
National Level (College Category)

First Place
Palawan State University, Puerto Princesa City (Region 4B)

Second Place
Visayas State University, Baybay City, Leyte (Region 8)

Third Place
Catanduanes State University, Catanduanes (Region 5)
2011 National Search for Sustainable and Eco-Friendly Schools
National Level (College Category)

First Place
De La Salle University Dasmariñas, Cavite (Region 4A)

Second Place
Palawan State University, Puerto Princesa City (Region 4B)

Third Place
Ateneo de Manila University, Loyola Heights, Quezon City (National Capital Region)
2013 National Search for Sustainable and Eco-Friendly Schools
National Level (College Category)

First Place
Visayas State University, Baybay City, Leyte (Region 8)

Second Place
Miriam College, Katipunan Avenue, Quezon City
(National Capital Region)

Third Place
Ateneo de Manila University, Loyola Heights, Quezon City
(National Capital Region)
2015 National Search for Sustainable and Eco-Friendly Schools
National Level (College Category)

First Place
**Foundation University**, Dumaguete City, Negros Oriental
(Negros Island Region)

Second Place
**St. Paul University of Dumaguete**, Dumaguete City, Negros Oriental
(Negros Island Region)

Second Place
**University of La Salette**, Santiago City, Isabela (Region 2)

Third Place
**Central Bicol State University of Agriculture**, Camarines Sur
(Region 5)
The ASEAN Eco-Schools Awards 2012

-Every two years search.
-Incorporated in the 2014-2018 Action Plan
Philippine entries to the 2012 ASEAN Eco-Schools Awards - Malaysia

- ILIRANAN ELEMENTARY SCHOOL (San Carlos City, Negros Occidental)

- CAMARINES SUR NATIONAL HIGH SCHOOL (Naga City)

Said entries are the national winners to the 2011 National Search for Sustainable and Eco-Friendly Schools under elementary and high school categories.
DUBINAN ELEMENTARY SCHOOL
Santiago City, Isabela
(Elementary School Category)

ATENEO DE DAVAO UNIVERSITY HIGH SCHOOL
Matina, Davao City
(High School Category)

Said entries are the national winners to the 2013 National Search for Sustainable and Eco-Friendly Schools under elementary and high school categories.
Way Forward

• Expand marrying the goals of the ASEAN Working Group on Environmentally-Sustainable Cities, with the ASEAN Working Group on Environmental Education, by urging more cities and LGUs to have schools with curricula and co-curricular programs on Clean Air, Clean Water, Clean Land and Overall Environmental Sustainability

• Urge the active participation of the LGUs with the DILG, DepEd, CHED, schools themselves, private sector in expanding participation of schools in the 2017 National Search for Sustainable and Eco-Friendly Schools
Thank you.

Philippines’ Focal Point on Sustainable Cities and Eco-friendly Schools
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