



THE ASEAN ESC COMMUNITY: BEYOND 2015

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DEPUTY PERMANENT SECRETARY

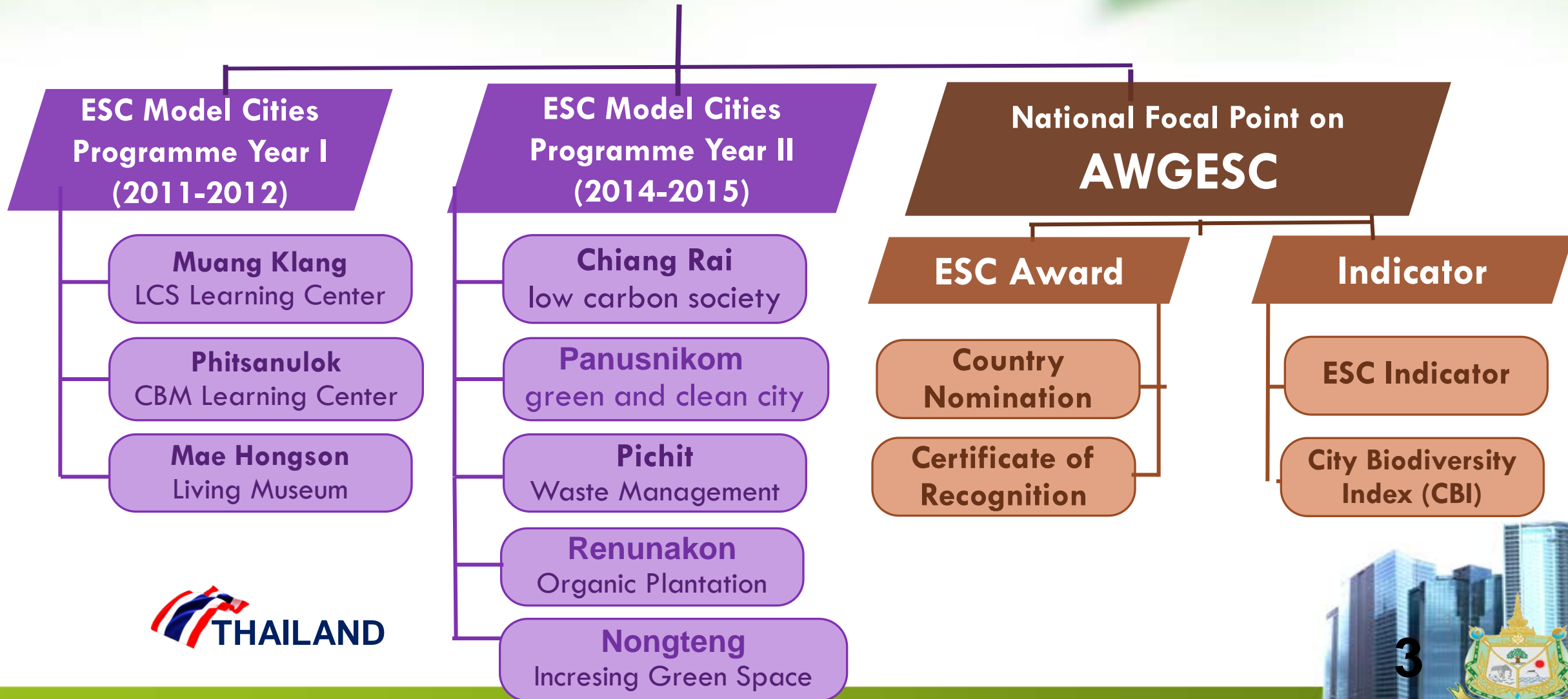
MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT, THAILAND

OUTLINES

- **ASEAN ESC MODEL CITIES PROGRAMME YEAR I**
- **ASEAN ESC MODEL CITIES PROGRAMME YEAR II**
- **CORE INITIATIVES OF AWGESC**
- **THAILAND EFFORT FORWARDS SUSTAINABLE CITIES**
- **THE WAY FORWARD**



Environmental Sustainable Cities



ESC Model Cities Programme Year I (2011-2012)

Muang Klaeng Sub-district Municipality

LCS Learning Center, ISO 14001, English Publication

Phitsanulok Municipality

CBM, Phitsanulok Model

Mae Hong Son Municipality

Hi-light on Social & environment, Living Museum



Reduction of domestic
organic waste

Alternative fuel for
household use

Reduction of CO₂
Emission

Promotion for green
space/agricultural land



Phitsanulok Municipality

Community-based Solid Waste Management



**People participation
(e.g., sorting recycling materials)**

**Efficiency
in the disposal management**

**Mechanical
Biological Treatment
(biomass/refuse – derived fuel)**

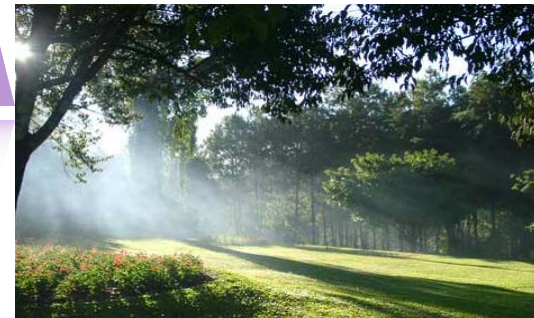
**ESC
Model
Cities
(Year I)**

Mae Hongson Municipality

Living Museum

**Conservation of nature,
environment and
traditional practice**

**Organic fertilizer from
household waste**



Thailand – ASEAN ESC Model Cities

1. Chiang Rai Municipality:

- Moving towards Low Carbon City

2. Pichit Municipality:

- Waste management Knowledge – Hub & training centre on solid waste management,
- Community – Based solid waste management.

3. Panusnikom Municipality:

- Clean and Green City project



4. Renunakon Municipality:

- Organic Plantation Promotion in School & communities

5. Nongteng Municipality:

- Water Supply and Agricultural Water Management



Chiang Rai Municipality: City Municipality

- The Winner of Thailand Sustainable City Award 2012 on sustainable environment : City Municipality.
- First runner-up award.

City's Vision: Chiang Rai the Livable and Happy City

Best practices:

- Established Urban Biodiversity Learning Center.
- Applied “technical knowledge” on urban biodiversity survey.
- Sustainable wastewater management
- Promoting organic agriculture
- Green area increasing & townscape
- Haze & PM10 management



Chiang Rai Municipality: City Municipality (Cont'd)

ASEAN ESC model cities year 2: main activities

Chiang Rai Moving towards Low Carbon City:

- Set up local networks - “Thai’s Municipality moving towards Low Carbon City”
- Set up municipality’s Low Carbon Cities Strategic Plans, with good practices
- Low Carbon Temple, School and Community
- Evaluation and Award
- Low carbon community and city knowledge management and sharing experience activities



10

Panusnikom Municipality: Town Municipality

The Winner of Thailand Sustainable City Award 2012 : City Municipality

**City's Vision: Sustainability Livable Panusnikom Town Municipality
towards Self-Sufficiency Ideology with Public Participatory
and Good Governance.**

Best practices:

Initiating and providing communities' sustainable livelihood assets, including:

- Stakeholders sustainability's city concepts awareness
- Integrated solid waste management project
- Clean and Green City project
- Public awareness on global warming.
- Water resources conservation activities



ASEAN ESC model cities year 2: main activities

Promoting clean and green city scheme: communities & school implementation

- Stakeholders meeting & consultation
- Training & coaching



- Seed funding
- Evaluation & Awarding

Pichit Municipality: Town Municipality

- The Winner of Thailand Sustainable City Award 2012 on sustainable environment : Town Municipality.
- First runner-up award on Thailand Sustainable City Award 2012: Town Municipality.

City's Vision: Pichit in Livable and Happy Town with Good governance and effective services.

Best practices:

- **Community- Based solid waste management:**
waste separation and management, recycle waste bank project
- **Biodiversity local curriculum**
- **Increasing green area & townscape management**
- **Promoting green office**



ASEAN ESC model cities year 2: main activities

- Establishing waste management knowledge – hub & training centre on solid waste management, Media creation & publications
Knowledge transfer
- Promoting Community – Based Solid Waste Management
- Training Piloting a community- based waste segregation & management



Renunakon Municipality: Subdistrict Municipality

The Winner of Thailand Sustainable City Award 2012 : Subdistrict Municipality.

City's Vision: Livable with Virtue City

Best practices:



- Wetland wastewater treatment in slaughter house at pollution standard level



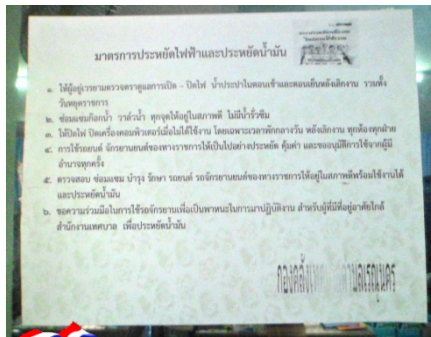
- Community – Based Solid Waste

Management.



- Increasing green area

- Promoting Energy Saving



ASEAN ESC model cities year 2: main activities

Promoting organic plantation

- Training & coaching
- **Piloting the organic plantation in school & communities**
- Monitoring & evaluation



Nongteng Municipality: Subdistrict Municipality

The Winner of Thailand Sustainable City Award 2012 on sustainable environment : Subdistrict Municipality.

Second runner-up award on Thailand Sustainable City Award 2012 : Town Municipality.

City's Vision: Dust-free Road - Healthy-life for All - Standard and Quality Educational System – Preserve and Inherit Goodness of Culture - Adhering to Principle of Good Governance.

Best Practices

- Community's waste recycle project
- Built-up a Effective Micro-organisms (EM) and Earthworm-farming composting for organic waste disposal
- Expansion green spaces and biodiversity



Water Supply and Agricultural Water Management Project: A Project aiming at increasing green space, energy consumption reduction and environmental restoration

- **Training**
- **Study tour**
- **Piloting public participation on water supply and agricultural water management by solar cell**



Thailand Sustainable City: Implementation Procedure towards ASEAN ESC Model Cities

I: Creating Public Participation

Step 1

Public participation

Step 2

Implement activities

Step 3

Lesson learn

Step 4

Knowledge
Transferring
& networking



Thailand Sustainable City: Implementation Procedure towards ASEAN ESC Model Cities (Cont'd)

II: Developing Monitoring & Evaluation Tools

- **City Sustainable Indicators:**
- **Environmentally Criteria:**
- **Certificate & Awarding Schemes**
- **Disseminate Key Lessons Learned**

III: Upgrading Model Cities

- **Roadmap**
- **Coaching and training**
- **Upgrading Local Learning-centre**
- **Develop Country's ESC indicators**
- **Networking management & Knowledge disseminate**

IV: Networking

- **Support city-to-city Cooperation within Country and ASEAN Cities**
- **Upgrade to regional and sub-regional ESC learning center**
- **Extend and promote Thailand ESC Indicators at ASEAN level**



Existing National Programme: Thailand Sustainable City Award

Competition process

Performance Indicators Contain 5 core components:

- Healthy City
- Happy People
- Sustainable Environment Programme
- Learning Organization and Development,
- Good governance and management

Strongly emphasize on sustainable environment performance indicator



Thailand Sustainable City

Awards



The trophy from Her Royal Highness Maha Chakri Sirindhorn for the winner of Thailand Sustainable City.



Thailand Sustainable City: Implementation Procedure towards ASEAN ESC Model Cities (Cont'd)

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ESC Award

Country Nomination

BANGKOK 2008	CLEAN LAND
PHUKET 2011	CLEAN AIR
CHIANG RAI 2014	CLEAN LAND

Certificate of Recognition

PHITSANULOK (Small City) 2011	CLEAN LAND
NAKHON SAWAN (Small City) 2014	CLEAN WATER
ROI-ED (Small City) 2014	CLEAN LAND



ASEAN COMMUNITY BEYOND 2015

- UN POST 2015 DEVELOPMENT AGENDA: SDG GOAL 11
- ASEAN COMMUNITY POST-2015 VISION





ASEAN COMMUNITY POST-2015 VISION



- **CENTRAL ELEMENT**
- **PEACE STABILITY**
- **CARING AND SHARING COMMUNITY**
- **PEOPLE-CENTRED COMMUNITY**
- **SUSTAINABLE ENVIRONMENT ;CURRENT AND FUTURE NEEDS**
- **RESPOND , ADAPTATION AND EMERGING TRENDS AND CHALLENGES/
CLIMATE CHANGE AND NATURAL DISASTERS**





UN POST 2015 DEVELOPMENT AGENDA

GOAL 11

**“TO MAKE CITIES AND HUMAN SETTLEMENTS
INCLUSIVE, SAFE RESILIENT AND SUSTAINABLE”**





WAY FORWARD

1 SHIFTING THE CITIES AND PEOPLE BEHAVIOR

**2 EFFECTIVELY INTEGRATING THE ENVIRONMENTAL INSTRUMENTS
(EIA, HIA, PPP AND CITY PLANNING PROCESS)**

3 CREATING RESILIENCE CITIES AND COMMUNITIES

4 ENSURING GOOD ENVIRONMENTAL GOVERNANCE

5 APPLYING THE CONCEPT OF SUSTAINABLE USE

6 STRENGTHENING NETWORK: CITY- TO-CITY COOPERATION





Thank you
<http://www.mnre.go.th>

