Thailand Experience on Sustainable City: Its Policy and Implementation

Department of Environmental Quality Promotion/ Office of Natural Resources and Environmental Policy and Planning

Ministry of Natural Resources and Environment
**Purpose:** Initiative local government moving toward Sustainable City

**Objective:**
- To strengthen local government in natural resources and environmental management
- Imply the city’s sustainable indicators through their self-assessment process;
- Promote public participation in the city

**Project Implementation:**
- Project implementation: 15 local governments as pilot sites, 485 local governments collaborating and joining the project as the network- ‘Sustainable City Network’
Implementation and Assessment

Thailand Sustainable City Strategies

Enhancing knowledge management
Pilot Project
Networking
Public Relations and Communication

8 Implementing Strategies

- Promote public participation
- Learning development process
- Set up standard measurement tools development
- Lesson Learned City to City

Networking

Growth and Development
**Steps of Thailand’s Sustainable City Model**

1. **Public participation**
   - Capacity building
   - Set up the city SD policy and action plan
   - Partner collaboration and Knowledge transfer
   - Pilot implementation

2. **Monitoring and Evaluation**
   - City’s initiative model indicators; 5 components: Healthy City, Human well-being, Sustainable environment, Knowledge organization and good governance
   - Lessons learned from city to city.

3. **Extension**
   - Develop and up-grading the city model and local learning centre
   - Local coaching team building and networking
   - Public relation and communication
   - Set up city’s SD local curriculum and knowledge management
Networking establishment:
Senior citizen fund
Zero Dollar Shop
Linkage to ASEAN - ESC Model Cities

The project is encouraging and supporting an innovative and voluntary bottom-up for community's capacity-building through public participation process.

Thailand ASEAN ESC Model Cities (2014)

- Objective:
  - to promote the concepts of ASEAN ESC
  - to build up ASEAN ESC Cities Networking Model
  - to share best practices of ESC model

- Target group:
  - Selected Municipalities

- Stakeholders:
  - Government sector
  - NGOs
  - Institutions
  - Private sector
  - International Development Organization

ASEAN - ESC Indicators

Sustainable Cities Model (ONEP, DEQP)

Low Carbon Cities Model (TGO)

Clean and Green Cities (PCD)
Thailand’s Economic Development towards Sustainability

- Economic – Stability / Environmental Friendly
- Society – Equity / Reducing poverty
- Environment – Sustainable Management / Wisely Use
- People – Empowerment / Participation

- Low Carbon Society
- Zero Waste
- Green Products
- People Participation

- Value added creation
- Global-local linkage
- Niche market
- Area-based

- Natural resources-based
- Cheap labor
- Mass productivity

Green Growth
Green Growth Strategy

National Environmental Quality Management Plan
(2012-2016)

Country Strategy
- Growth & Competitiveness
- Inclusive Growth
- Green Growth

11th National Economic & Social Development Plan
(2012-2016)

Concept
Rio+20
- Green Economy
- Institutional Framework on Sustainable Development

Relevant plans
- Pollution Control
- Climate Change
- Energy etc.

Green Growth Strategy

Measures implementation by the Sustainable Development Committee

1. Shifting towards Sustainable consumption and production
2. Strengthening economic instruments and environmental laws
3. Creating resilience to climate change and natural disasters
4. Ensuring good environmental quality
5. Management and sustainable use of natural resources
6. Building an environmentally-friendly society
Indicator

1. **Impact**: 1. Green House Gas Reduction
   10-20% in 2020
2. Appropriate Solid Waste Management 50-65% of all municipalities

2. **Outcome**: - Clean air
   - Clean land (Solid waste)
   - Clean water (Domestic wastewater)
   - Low carbon cities
   - City planning
   - City forest

4. **Output**: Project Implementation / activity levels
Thank you
http://www.mnre.go.th