

Role of NC and Policy implementation on Environmentally Sustainable City of Thailand



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Policy Linkage



Make cities inclusive,
safe, resilient & sustainable

SDGs

National Strategy
2018 - 2037
(Summary)

Eco – friendly
development
& growth

20 Year National Strategy



รัฐธรรมนูญแห่งราชอาณาจักรไทย
พุทธศักราช ๒๕๖๐

20th Constitution
of The Kingdom
of Thailand

Clean and Green ASEAN
Clean Air, Clean & Safe Water,
& Sanitation

Environmentally
Sustainable Cities

ASEAN 2025:
FORGING AHEAD
TOGETHER

ASEAN Community Vision 2025

THE TWELFTH NATIONAL
ECONOMIC AND SOCIAL
DEVELOPMENT PLAN
(2017-2021)

strategy for
environmentally
– friendly growth for
sustainable
development

Flagship project
“Green city project”

12th National Economic & Social Development Plan

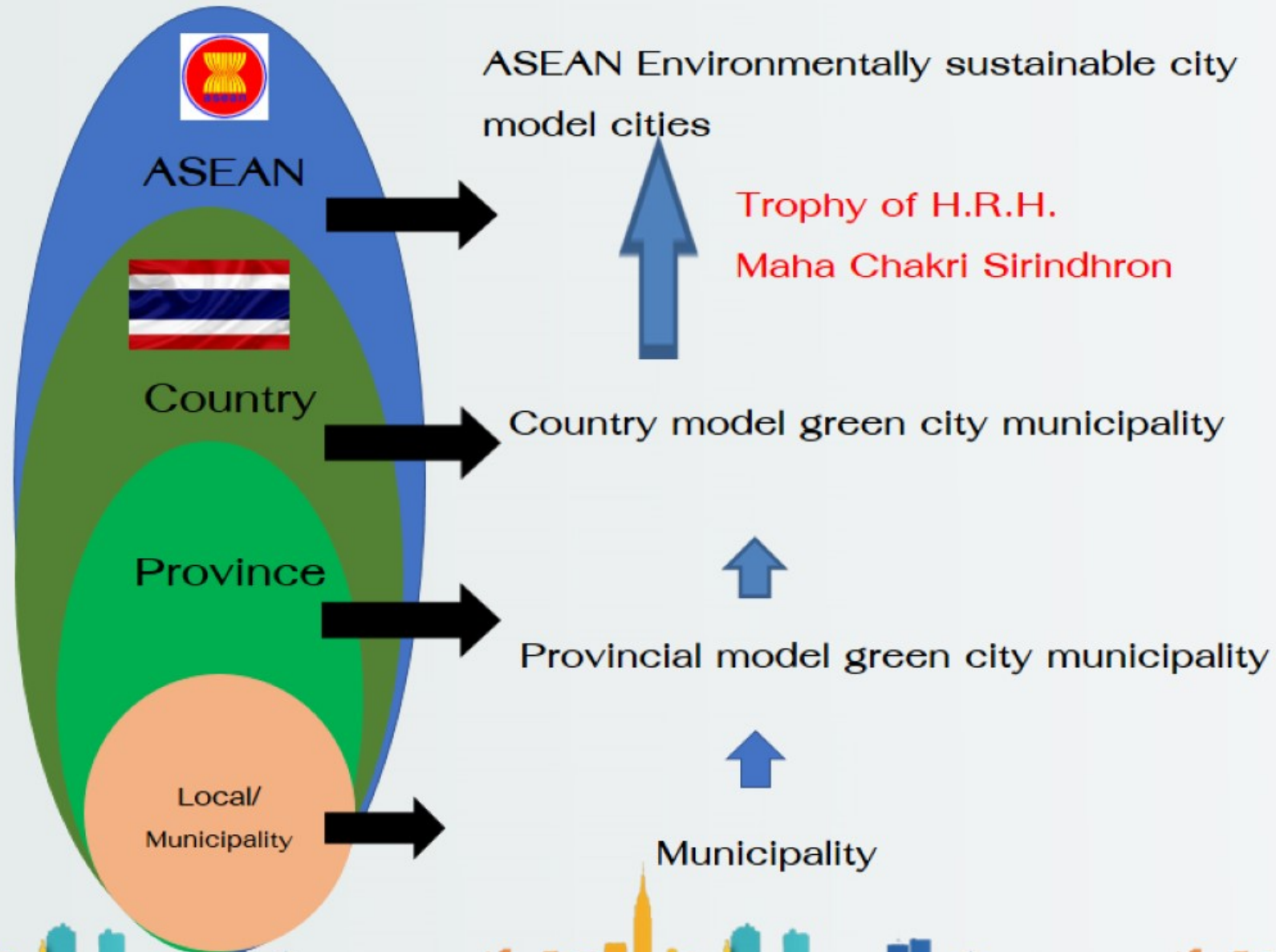
conserve, protect,
maintain, restore, manage
& use or arrange for
utilization of natural
resources, environment &
biodiversity in a balanced
& sustainable manner

Cabinet Resolution

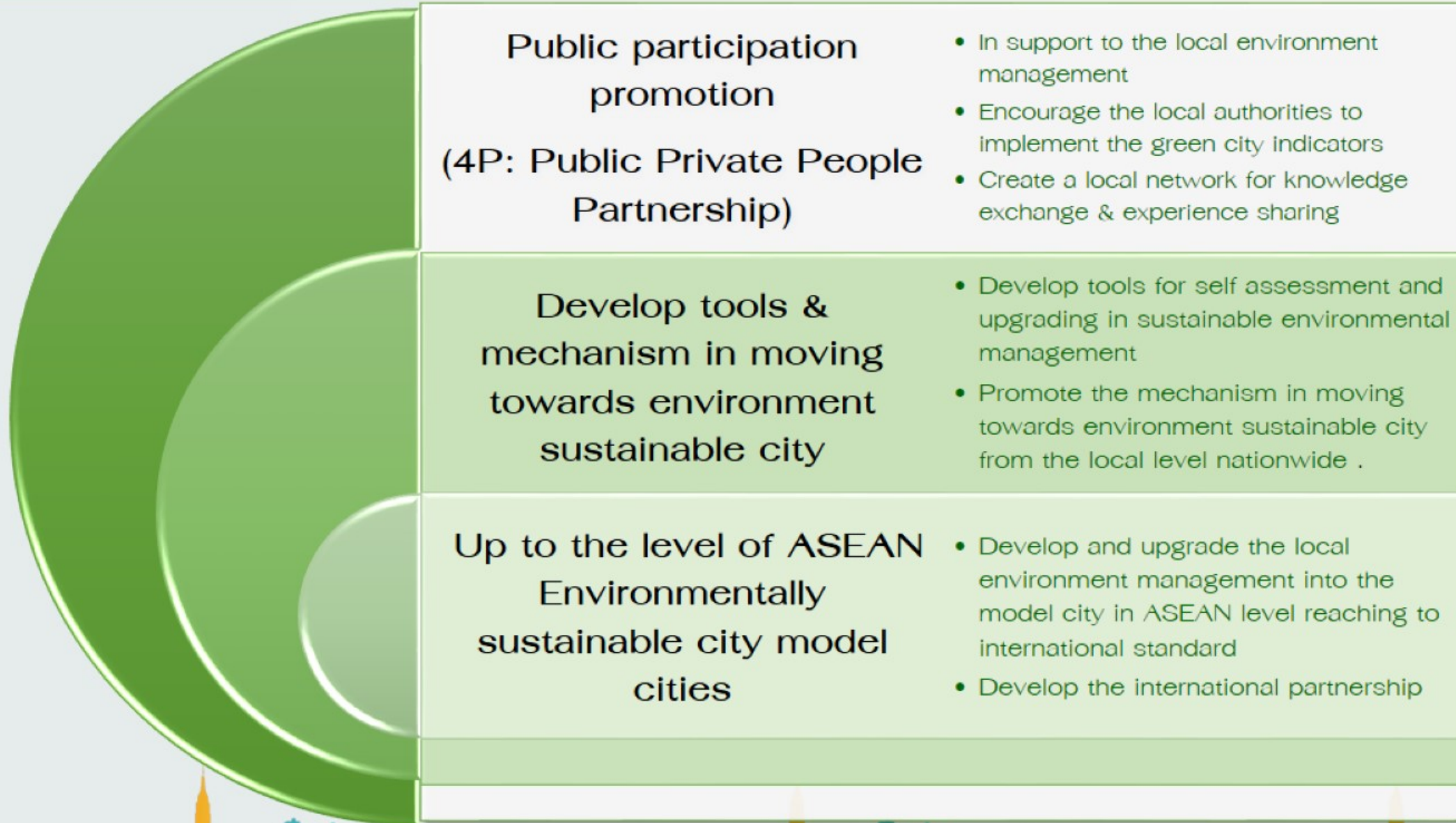
- 10th October 2017: 1 Province 1 Green City Municipality
- Public Participation
- DEQP is the National Implementing Agency

Green City

“Strengthening local community to be able to deal with the world communities”



Green City Implementing Process



Tools & mechanism in moving towards environmental sustainable city

- Green City Indicators
(4 aspects 34 indicators)
- Self assessment report system
- Collaboration with the MOI in the Integrated green city indicators into the local performance assessment
- Indicators to upgrade the environmentally sustainable management learning source



City well being : Appropriately land use, Adequate infrastructure for all, safe & secure housing, sustainable city economy.



Human well being: healthy citizen, equitable quality education welfare & rights protection, perfect family, caring society, community activities, culture, tradition & local wisdom conservation.



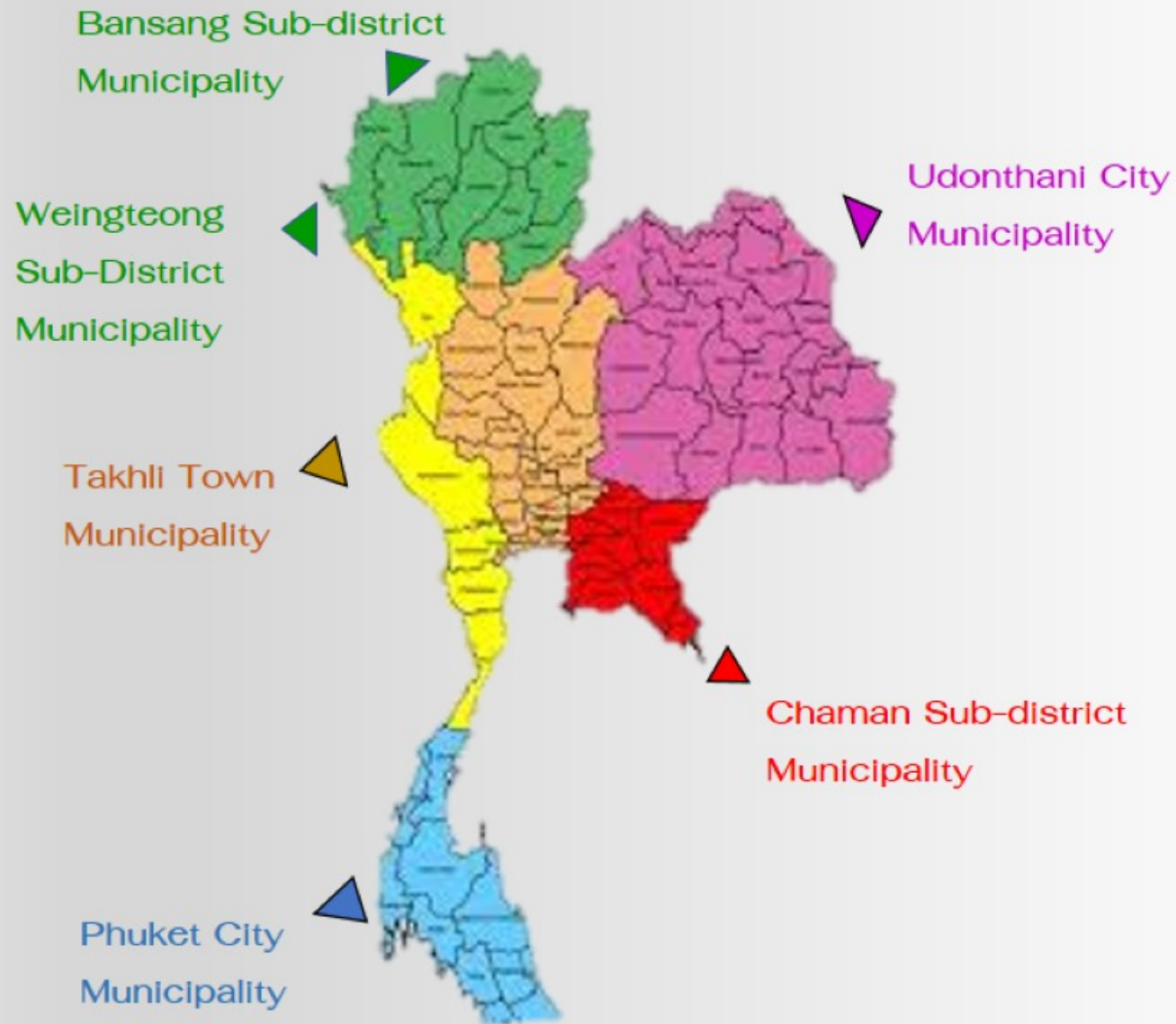
Sustainable environment: Abundant natural resources, adequate green area, beautiful city landscape, appropriate waste & pollution management, environmentally –friendly lifestyle



Good governance: clear vision & plan, professional human resource, continuous organizational development, good administration system, city development innovation



ASEAN SDGs Frontrunner City Programme



- Community Based Waste Management
- Green area: Community Forest
Tree registration &
Carbon Absorption Calculation

ASEAN SDGs Frontrunner City Programme



150 participants

- 14 Municipalities joined with the ASEAN ESC MC Programme (from ASEAN ESC MC Programme Year2 & 3) & ASEAN SDGs FC Programme
- The representatives from related agencies

National Coordinator : 2 National SDGs Workshops



- Understanding & Enhancement on SDGs
- Sharing experience on urban sustainable environment management
- Lesson Learn Finding
- Challenges & suggestion on localizing SDGs



Brainstroming



Presentation



Panel Discussion



Exhibition



- The 10% reduction of waste from 7 pilot communities and 6 pilot school
- 30 tons/day of waste recycling
- 30% households from 7 pilot communities (650 households) become a good practice on community based waste management
- 13 community based waste management learning sources (7 pilot communities and 6 pilot schools)

- 558 households separate urban solid waste at source.
- 11 schools separate urban solid waste at source.
- 331 private companies (Hotels and Restaurants) separate urban solid waste at source
- 6.6 tons per day of organic waste can be reduced & used in various forms such as animal feed, fertilizer etc





- The area of community forestry at least 5 square kms
- Having A community forest conservation group in community & nearby
- Community based zero waste management rule
- Reducing residual waste to disposal site by 20%

Community based solid waste management

- 100 households of model communities
- Model temple
- Model school



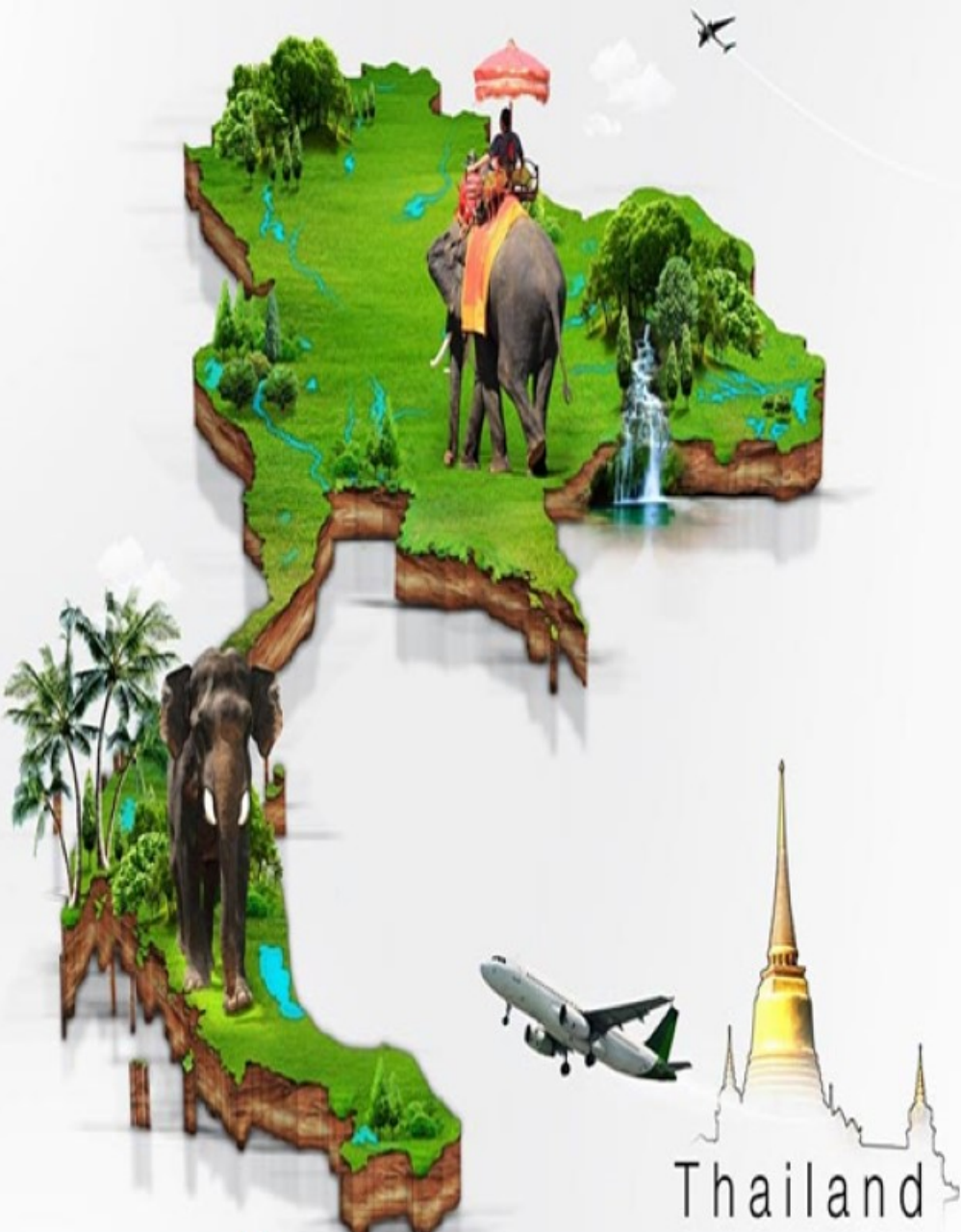


- The 2 learning sources of household-based waste management
- 200 households (approx.800 persons) participated in waste separation
- 2 tons/year of waste recycling
- The learning source on forest conservation & public green area



- The new database of big and local genetic tree in the city for local tree and plants conservation and further development
- The new database of carbon absorption in the city for the green area development (totally 1.29 sq.meters, 21,797.07 TCO₂e)
- Implement the household based waste management activities : the minimize volume of waste to disposal site down to 10% a year





Way Forward

- To create and develop the network in all local level, national & regional level.
- To support the innovation development & create some model of Institutes in any areas.
- Promoting of programme & public relation, such as step of branding.
- To apply the ASEAN environmentally sustainable city indicators & capacity building on sustainable environment management towards ESC model cities in the municipality
- To promote the use of self assessment report system as a self evaluation tools for environmentally sustainable city award preparation.
- To promote the ecological spatial plan as a tool for sustainable environment management and climate resilient management





Department of Environmental Quality Promotion

www.deqp.go.th

