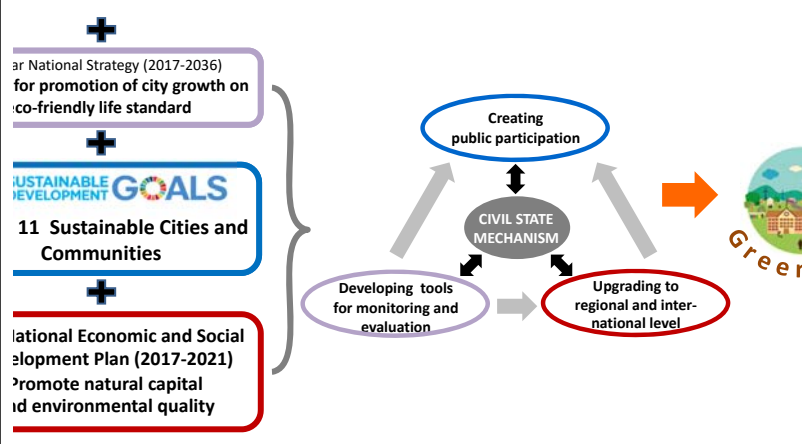




# The Power of Public Participation in Green City Development - Policy & Implementation

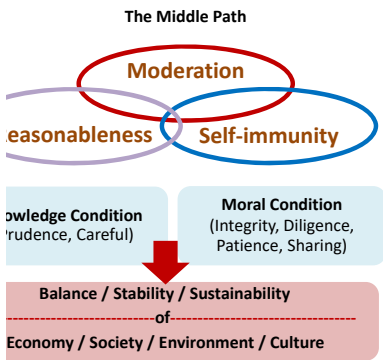
**Mr. Sakol Thinagul**  
 Director General  
 Department of Environmental Quality Promotion  
 February 9, 2017 at Main Hall,  
 Le Méridien Chiang Rai Resort, Thailand

## Green City



## Sustainable Economy Philosophy

### Summary of the SEP



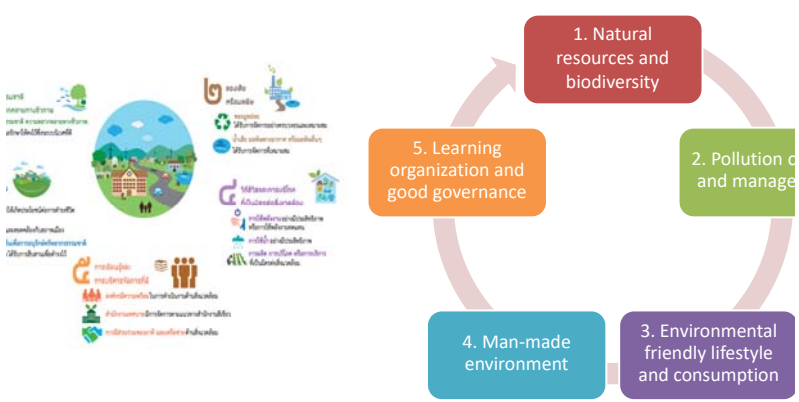
*“Economic development must be done step by step should begin with the strengthening of our economic foundation, by assuring that the majority of a population has enough to live on...Once reason progress has been achieved, we should then embark on the next steps, by pursuing more advanced stages of economic development.”*

- His Majesty King Bhumibol Adulyadej



**Make cities and human settlements inclusive, safe, resilient and sustainable**

## Thailand Environmentally Green City



## Process for Implementation



## Creating Promotion of Public Participation

### Stage 4

### Stage 3

### Stage 2

### Stage 1

Implementation

Transfer knowledge and network building

Find out knowledge/lesson learned to improve

Strengthen community through local agenda participation process

## Developing Tools for Monitoring and Evaluation

### Thailand Environmentally Green City Indicators

#### 1. Natural resources and biodiversity

Natural resources and biodiversity in the city are protected and maintained a good ecosystem.

#### 3. Environmental friendly lifestyle and consumption

Environmentally friendly lifestyle, including alternative energy is used efficiently. Energy is used efficiently. Pollution, consumption, and source are eco-friendly.



#### 2. Pollution control and management

- Solid waste are managed thoroughly and properly.
- Wastewater, air pollution and other form of pollution are managed properly.

#### 4. Man-made environment

- Green area is developed to be utilized for recreation.
- City's landscape is picturesque in accordance with the city's conditions.
- Local wisdom and environment are conserved and inherited.

#### 5. Learning organization and good governance

- Organizations are capable of environmental work.
- Municipal offices follow management plans of green office.
- Associates and environmental network participation.

## Developing Tools for Monitoring and Evaluation

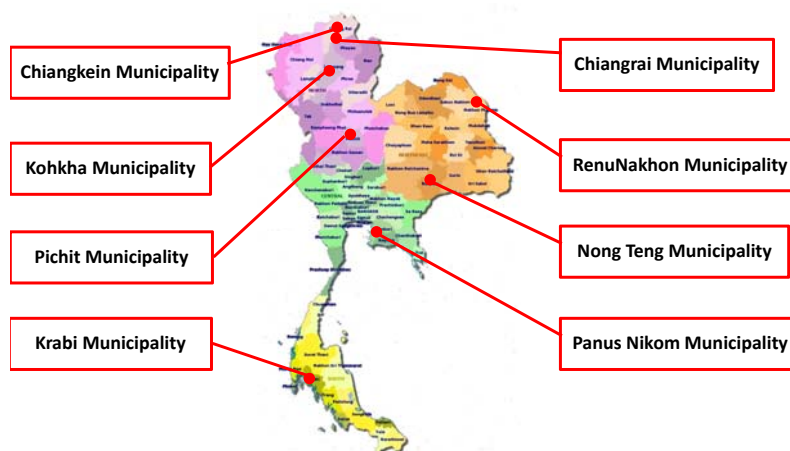
### Evaluation process



## Certificate and Awarding



## Thailand Environmentally Sustainable Cities



## What have we done so far

Project	2008 (2551BC)	2009 (2552BC)	2010 (2553BC)	2011 (2554BC)	2012 (2555BC)	2013 (2556BC)	2014 (2557BC)	2015 (2558BC)	2016 (2559BC)	
City					100			71	141	
Hotel						20	64	65	88	
Office						10	60	83	166	
Pool		41			45		60	32		
Waste and										
Community and			83	84	85	58	59	60	61	
Community and						86	87	88	89	
Community and						10	10	10	10	
Community and			15	15	15	15	15	15	15	
Employment							41	194	306	
Household			22	51	23	55	56	76	48	
Production			2004 - 2013 = 718					160	24	49

## Upgrading to Regional and International

Coaching and team building

Upgrading learning center

Knowledge transferring and networking

Extend and Promoting Thailand ESC model to regional and international

## The Promotion of Environmentally Friendly Production, Service and Consumption

Production

Service

Consumption



### Green Production/OTOP



- Project began since 2005 in textile Sa-paper small entrepreneur. Until there are almost 900 entrepreneurs joined the project and won Green Production Awards around 400.
- Develop the criteria for local environmentally friendly products: clothes, textile, basketwork, and ceramic ware
- Benefits for the entrepreneurs: carbon reduction, less pollution, selling opportunity from consumers concerning environmentally friendly products

### – Upcycle and Upcycle Carbon Footprint



**Upcycling** is the process of converting waste materials or useless products into new materials or products of better quality or for better environmental value. In 2014-2015, there were 112 products that passed the Upcycling Criteria. In 2016, developed Upcycle into Upcycle Carbon Footprint and 19 products passed the Criteria

### Green Hotel

- **Green hotels** are lodging properties that implement environmentally friendly practices and programs that save water and energy while reducing solid waste. The goal for **green** lodging properties is to minimize their impact on the environment.
- Support the Green Procurement of public agencies
- 2013-2016 hold 179 hotels passed the green hotels criteria

### Green Office

The purpose is to change behavior to environmental friendly concerning energy. The program began in 2013 to set up criteria, and then to apply those criteria with pilot agencies. In 2014-2016 hold 184 green offices.





## Green Temple/Mosque

Develop criteria for religious places: temples and mosques for develop best-practice of environmental-concerned temples and mosque temples and 20 mosques passed the green criteria in 2016



## Eco School



The project aims to support and promote Eco-School Learning Centres to be models for other neighboring schools and to work as networking, effectively.



## Zero Waste



Activities:

1. Contest for Zero-Waste School and Community Award
2. Set up Zero Waste Learning Centre



## Key for Success

The power of participation is an important key mechanism to achieve all development goals.

Partnership are the keys for achievement

People  
Private  
Public  
Partnership



Green City

## Thailand Environmentally Sustainable Cities

