



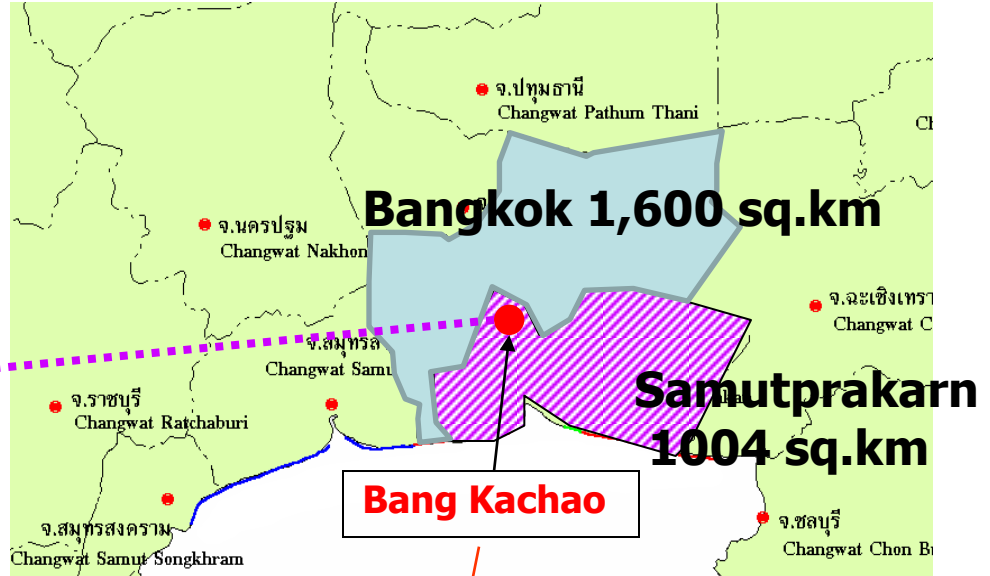
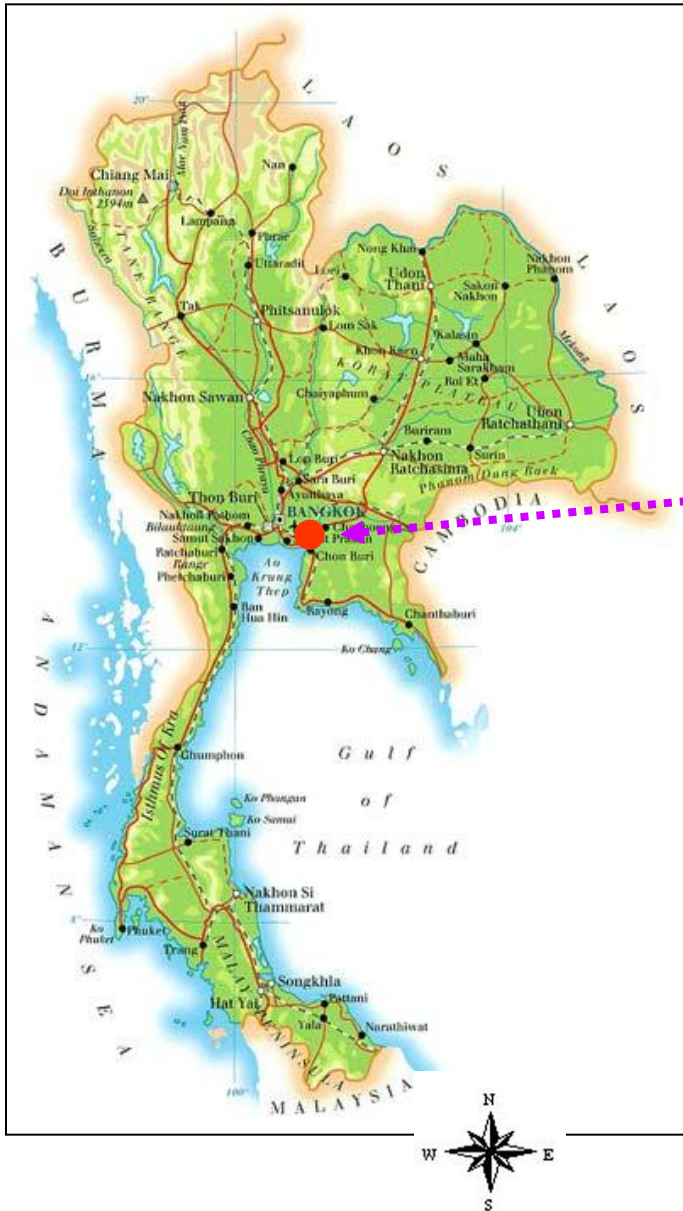
# Bang Kachao: Where Trees Meet Train

By Mrs.Sansanee Srisukri, Expert on City Planning Analysis  
Department of Public and Works and Town & Country Planning

## THAILAND

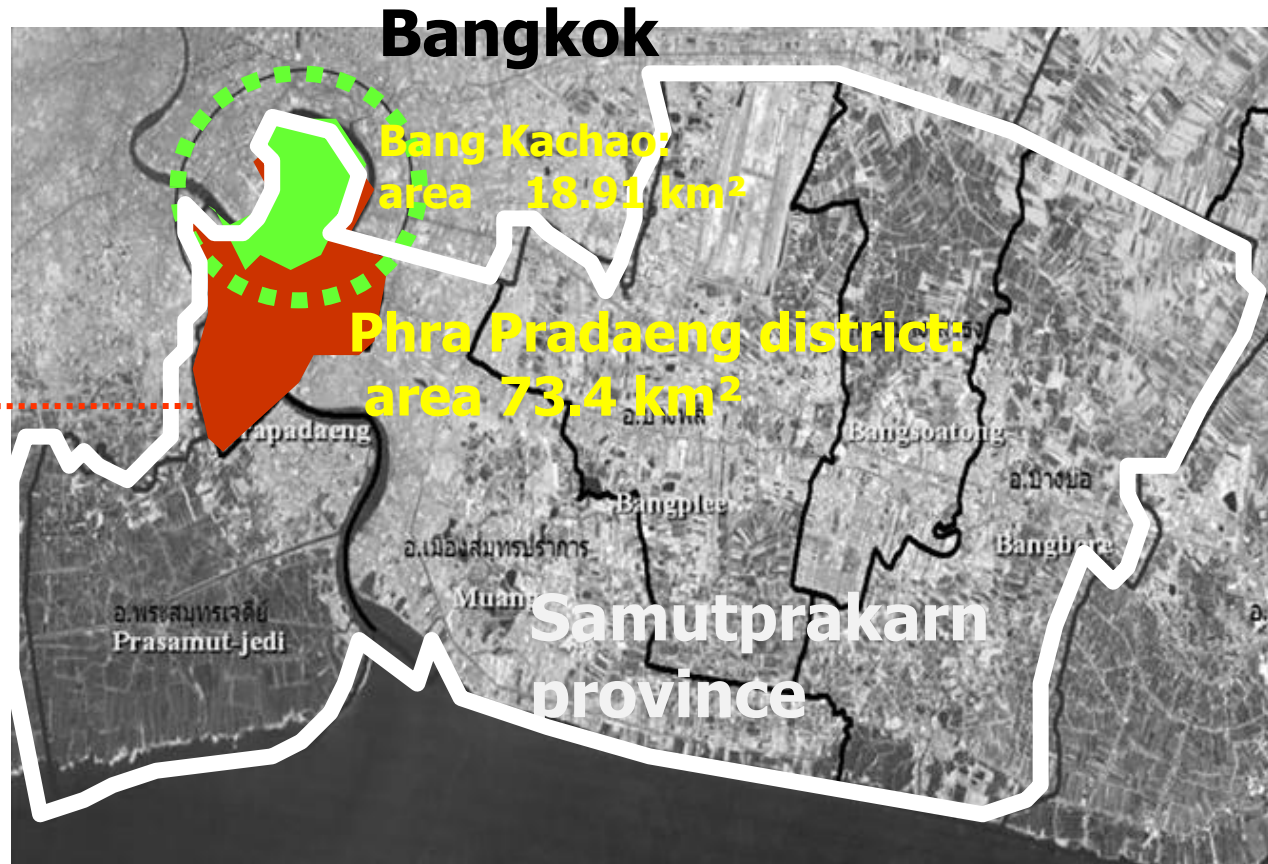


# Samutprakarn Province



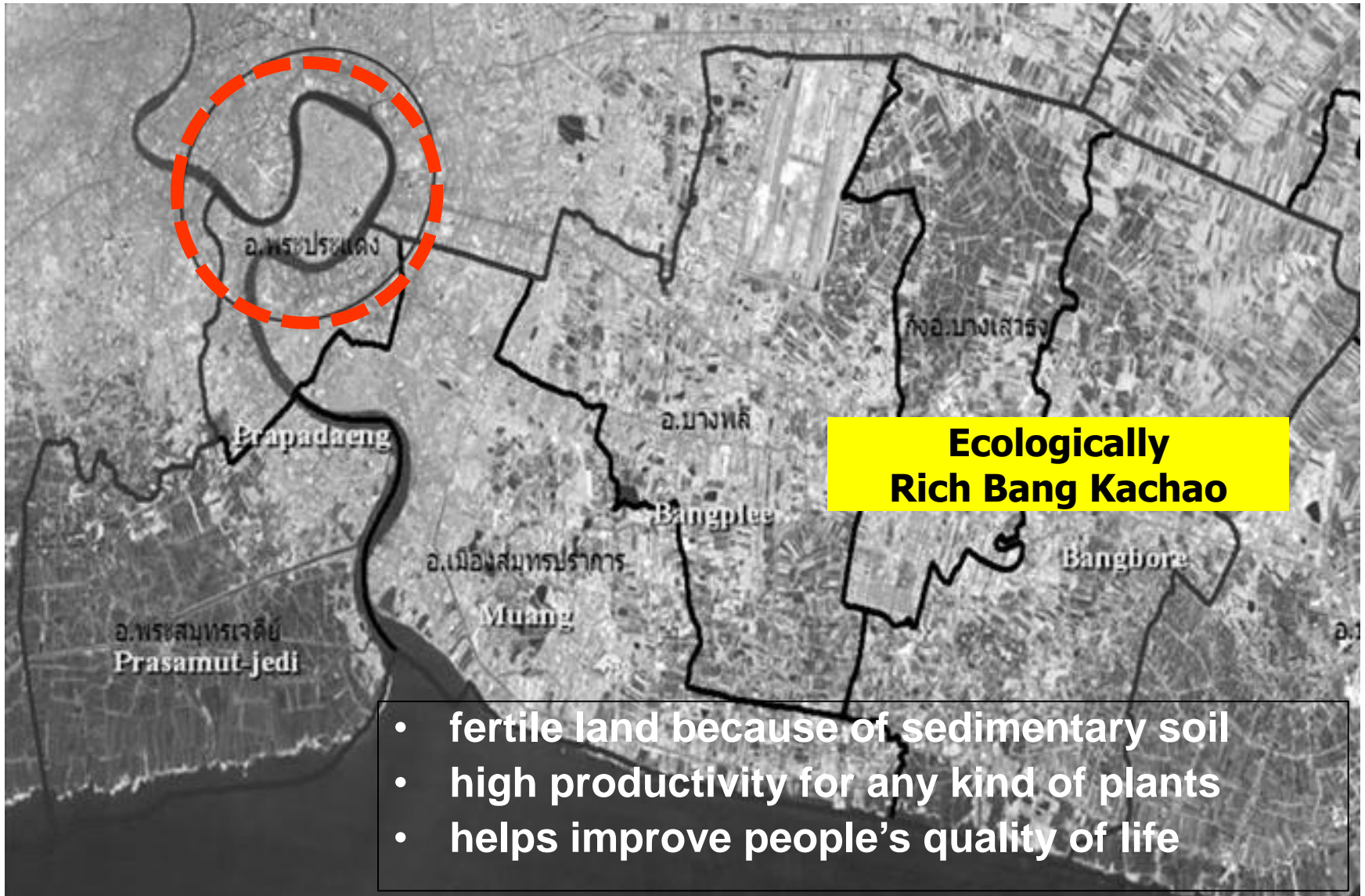
green zone 18.9 sq.km





**Bang Kachao** is in the district of Phra Pradaeng, Samutprakarn province where is : - at the southern of Bangkok , the capital of Thailand  
- at the northern of Samutprakarn, near the mouth of Chao Phraya river to the gulf of Thailand.  
- at the western of Chacheongsao province

# Bang Kachao







**Krung Thep (Bangkok)**

**- closed to Bangkok & important area for recreation**

**Thon Buri**

**- is a large urban green space  
- biodiversity conservation, eco-learning & ameliorate microclimate in urban area**

**- development pressure from Bangkok & SamutPrakan rapid growth**

**Phra Pradaeng**

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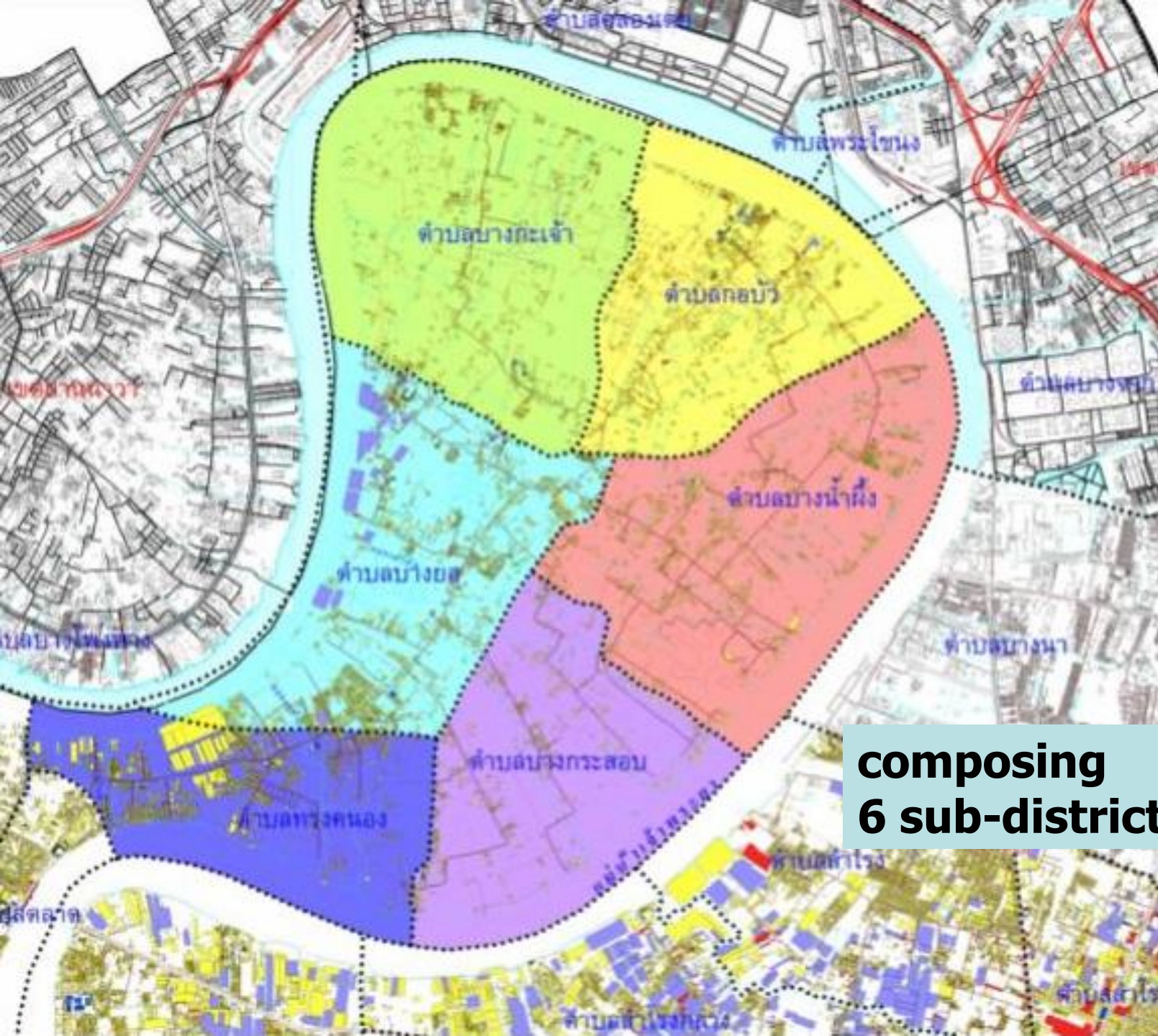
Google™



an island  
of forest  
amid a sea  
of concrete



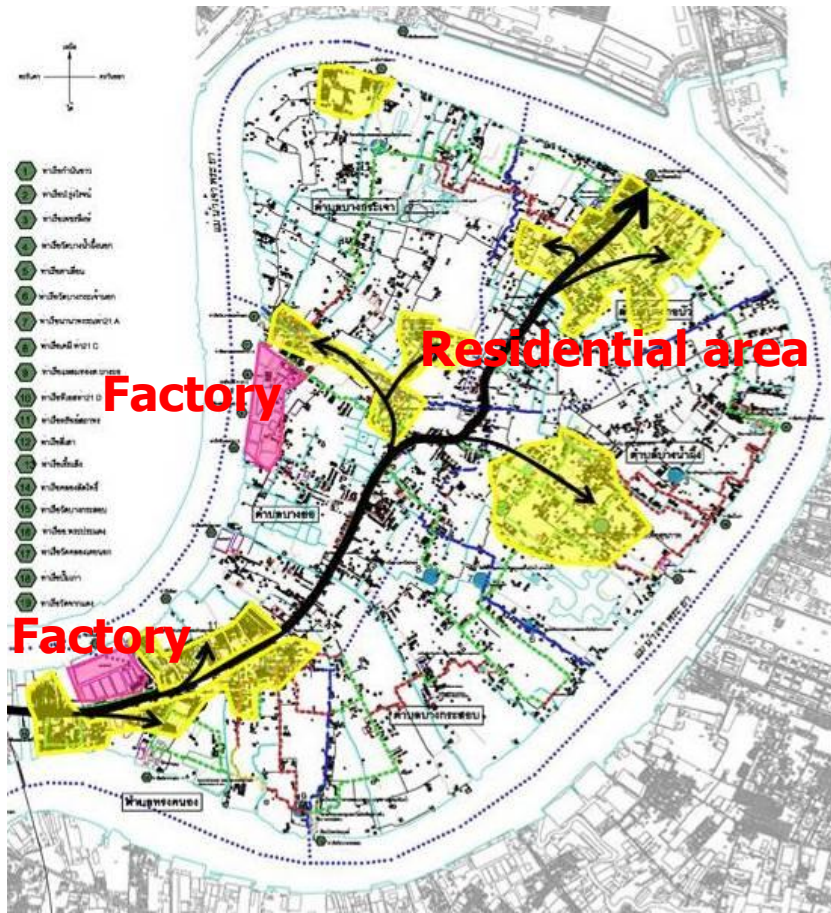




composing  
6 sub-districts



# Settlements Distribution



**Accessibilities**

**— Road**  
**- - - River transport**



# Chronology Towards Green Space

**1977**

**begin**



**Prem's Government Resolution**

- **Conservation of agricultural area at the river bank of Chao Praya River**
- **Public Park/Green area**

**1991-1999 Government Approved Bang Kachao as The Metropolitan Central Park**

EXECUTING AGENCY: Office of Policy and Environmental Plan

bought idly uninhabited land in 6 sub-districts , 564 plots approximately 2.04 sq.km. intended to keep original and traditional orchards and at the same time a green recreational area

**1992**

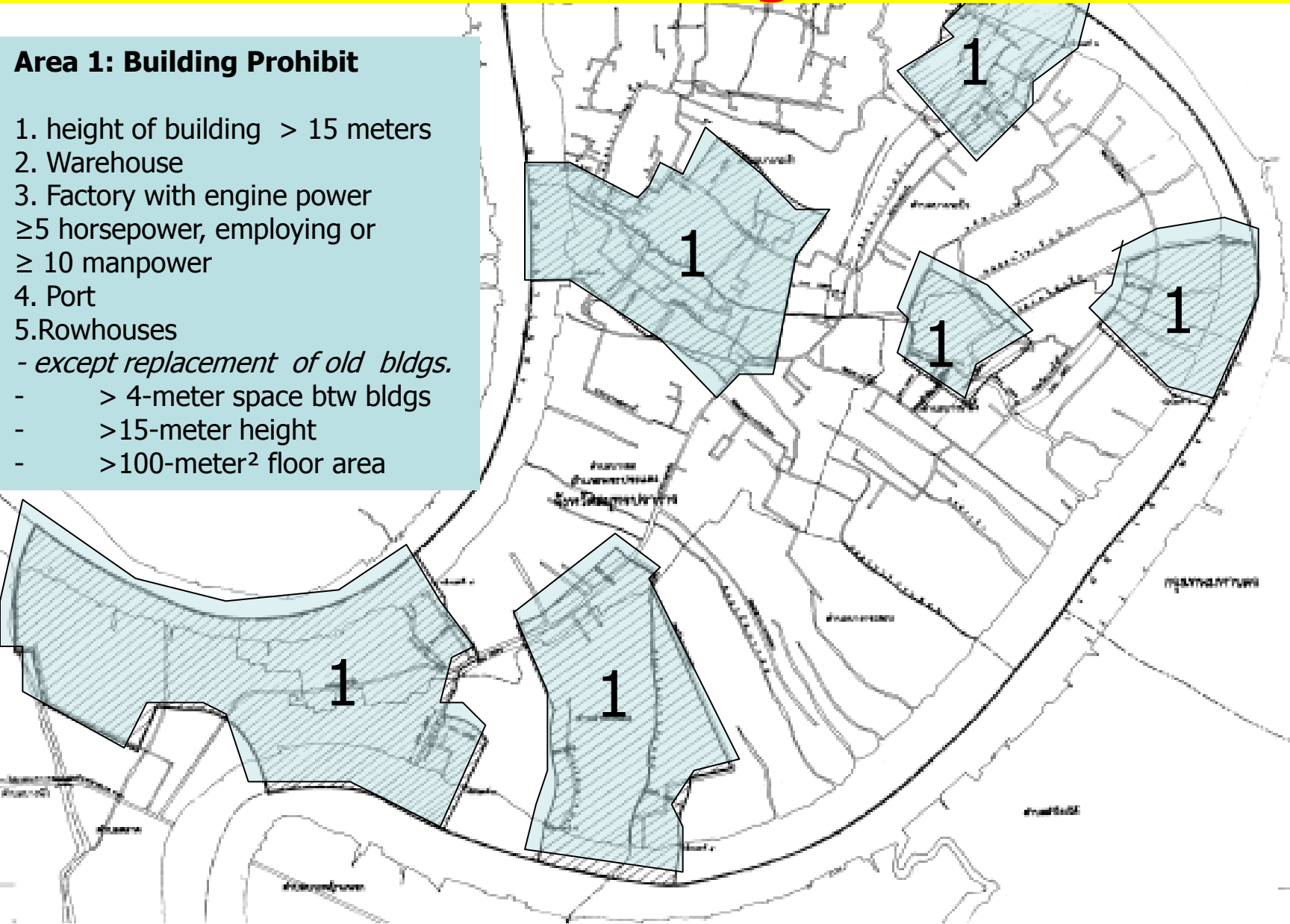
**Regulation No.37 under Building Control Acts**



# Regulation No.37 under Building Control Acts

## Area 1: Building Prohibit

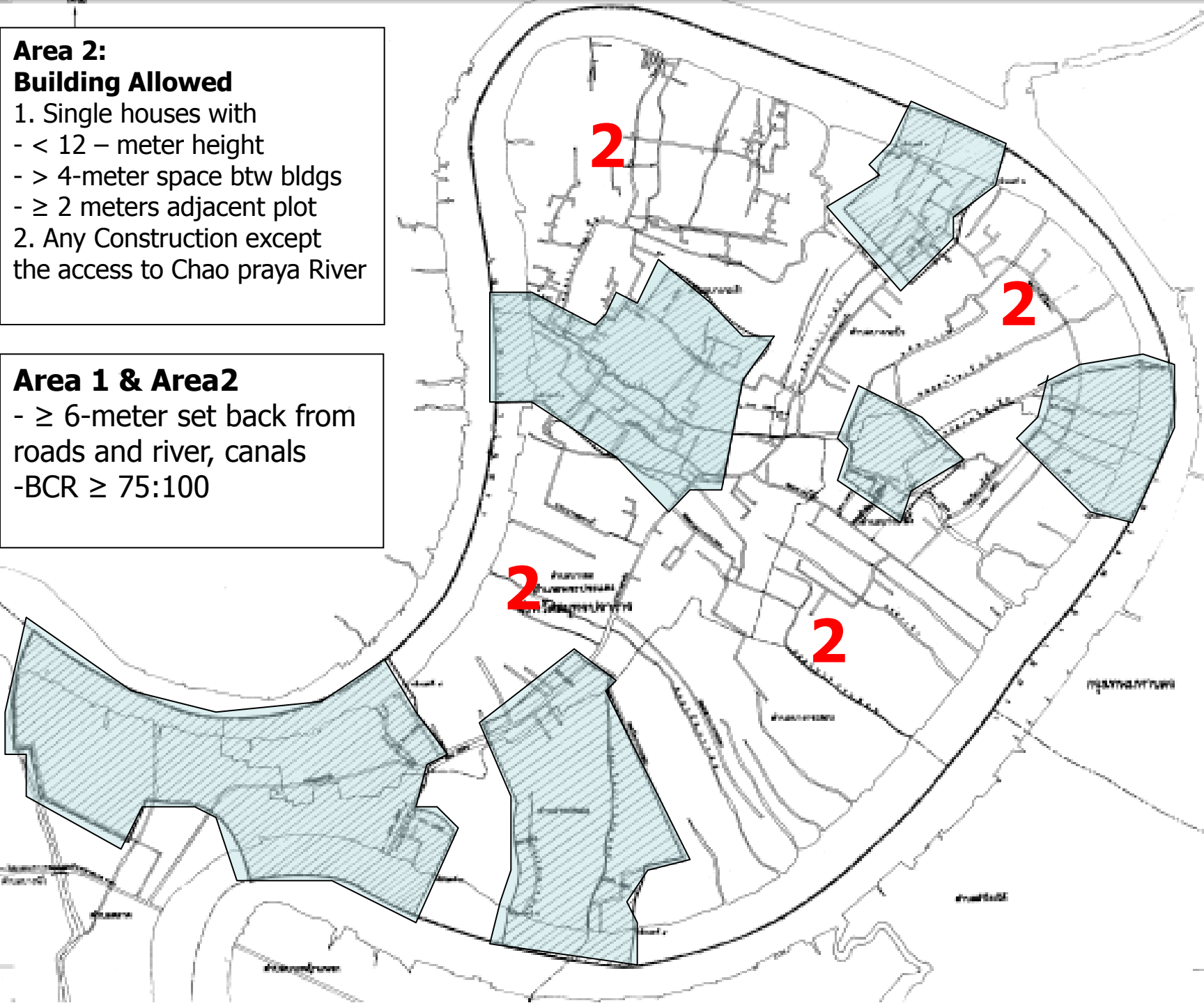
1. height of building > 15 meters
  2. Warehouse
  3. Factory with engine power  $\geq 5$  horsepower, employing or  $\geq 10$  manpower
  4. Port
  5. Rowhouses
- *except replacement of old bldgs.*
  - > 4-meter space btw bldgs
  - > 15-meter height
  - > 100-meter<sup>2</sup> floor area





**Area 2:**  
**Building Allowed**  
1. Single houses with  
- < 12 – meter height  
- > 4-meter space btw bldgs  
- ≥ 2 meters adjacent plot  
2. Any Construction except  
the access to Chao praya River

**Area 1 & Area2**  
- ≥ 6-meter set back from  
roads and river, canals  
-BCR ≥ 75:100





# Chronology Towards Green Space

- 2001**     **Regulation of Samutprakarn  
Comprehensive Plan by Town and Country  
Planning Act 1979**
- 2003**     **Center for Ecological Green Space “Nakorn Khuan Khan”**  
EXECUTING AGENCY: Department of National Parks  
Wildlife and Plant Conservation
- 2005**     **Pilot Project for Urban Forestry**  
**Strengthening Urban Forestry for Biodiversity Conservation  
and Natural Learning**  
**APFNet : Asia-Pacific Network for Sustainable  
Forest Management and Rehabilitation**  
EXECUTING AGENCY: Royal Forest Department

# Chronology Towards Green Space

**2006** **Princess Maha Chakri Sirindhorn's advise**  
**- keeping green through people cooperation**



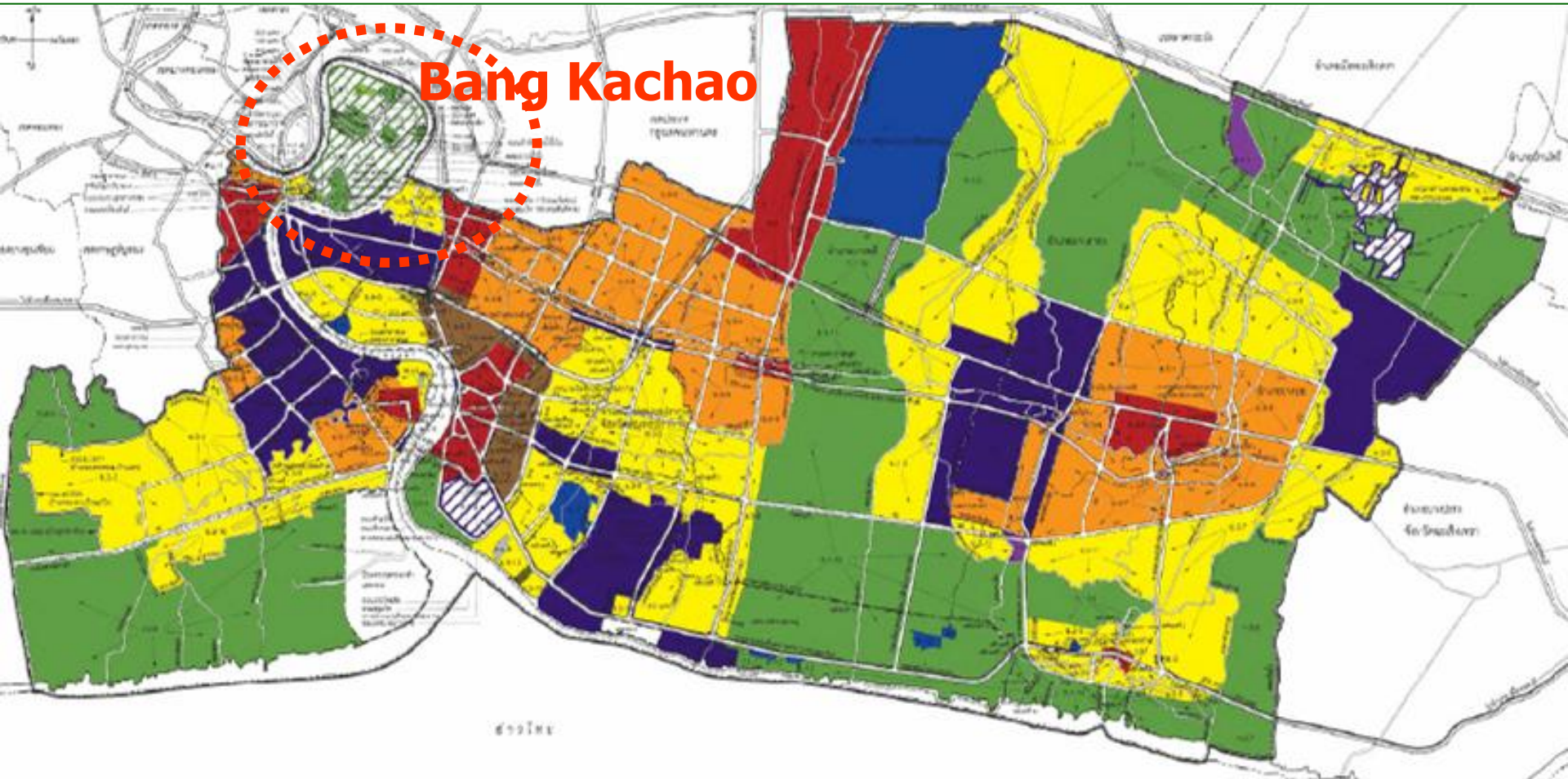
- Integrated Farming: fruit & forest**
- H.M. recommends biking along traditional fruit tree ditch**
- Natural classroom**
- Eco tourism, fruit growing promotion**

**2006** **was voted by Time Magazine as the "Best Urban Oasis of Asia"**

**2013** **Regulation of Samutprakarn Comprehensive Plan**  
**by Town and Country Planning Act 1979 (Revised)**



# Regulation of Comprehensive plan of Samutprakarn 2013





# Regulation of Comprehensive plan of Samutprakarn 2013



Defines as Rural & Agricultural Conservation Zone  
**stricter than 2001 version**

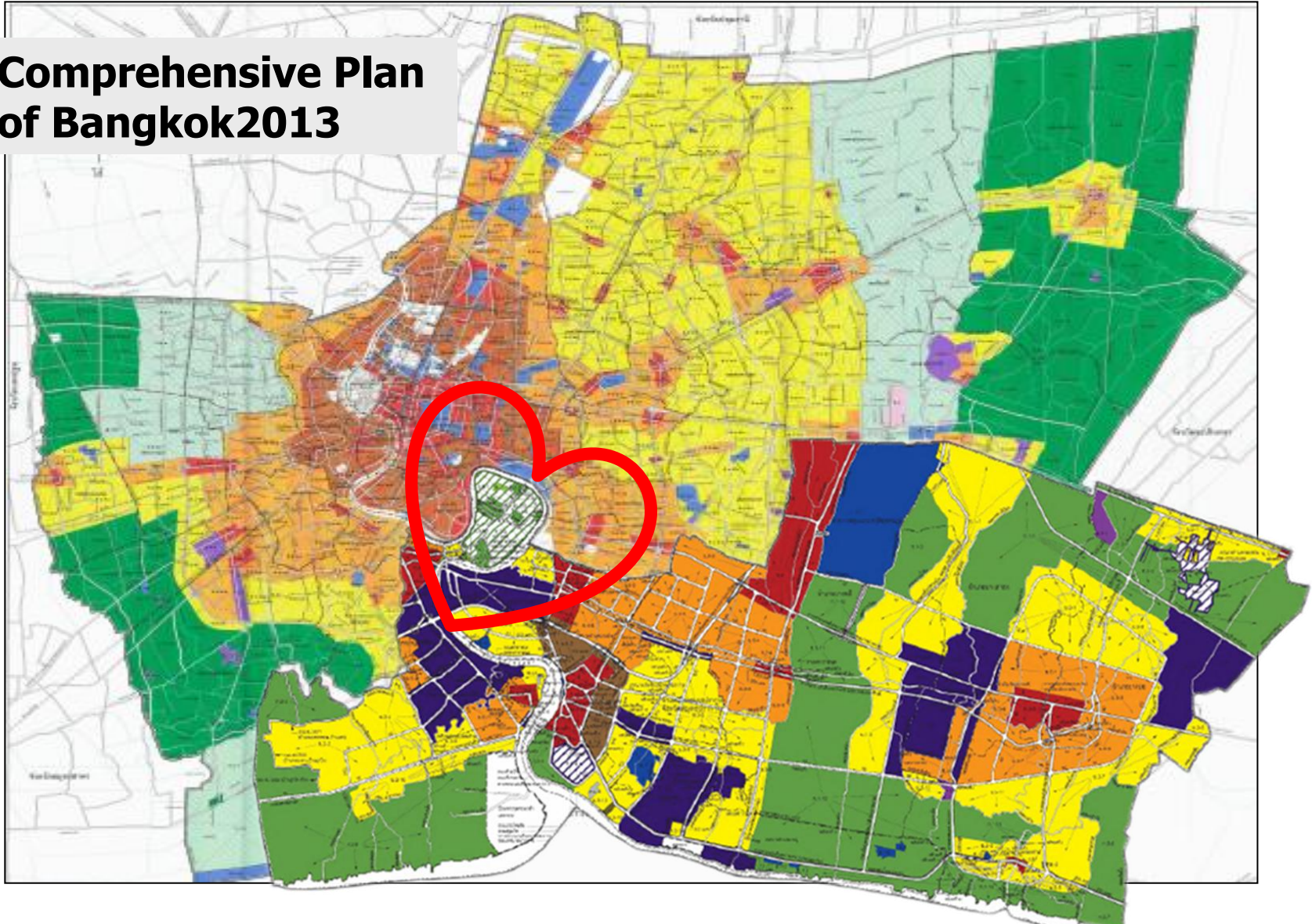
- rowhouses prohibited
- floor area for single house regulated





# The Green Heart Of Bangkok & Samutprakarn

**Comprehensive Plan  
of Bangkok 2013**



**Comprehensive Plan of Samutprakarn 2013**

# MRT- Line :Easily accessible



**Bangkok**

**Bang Kachao**

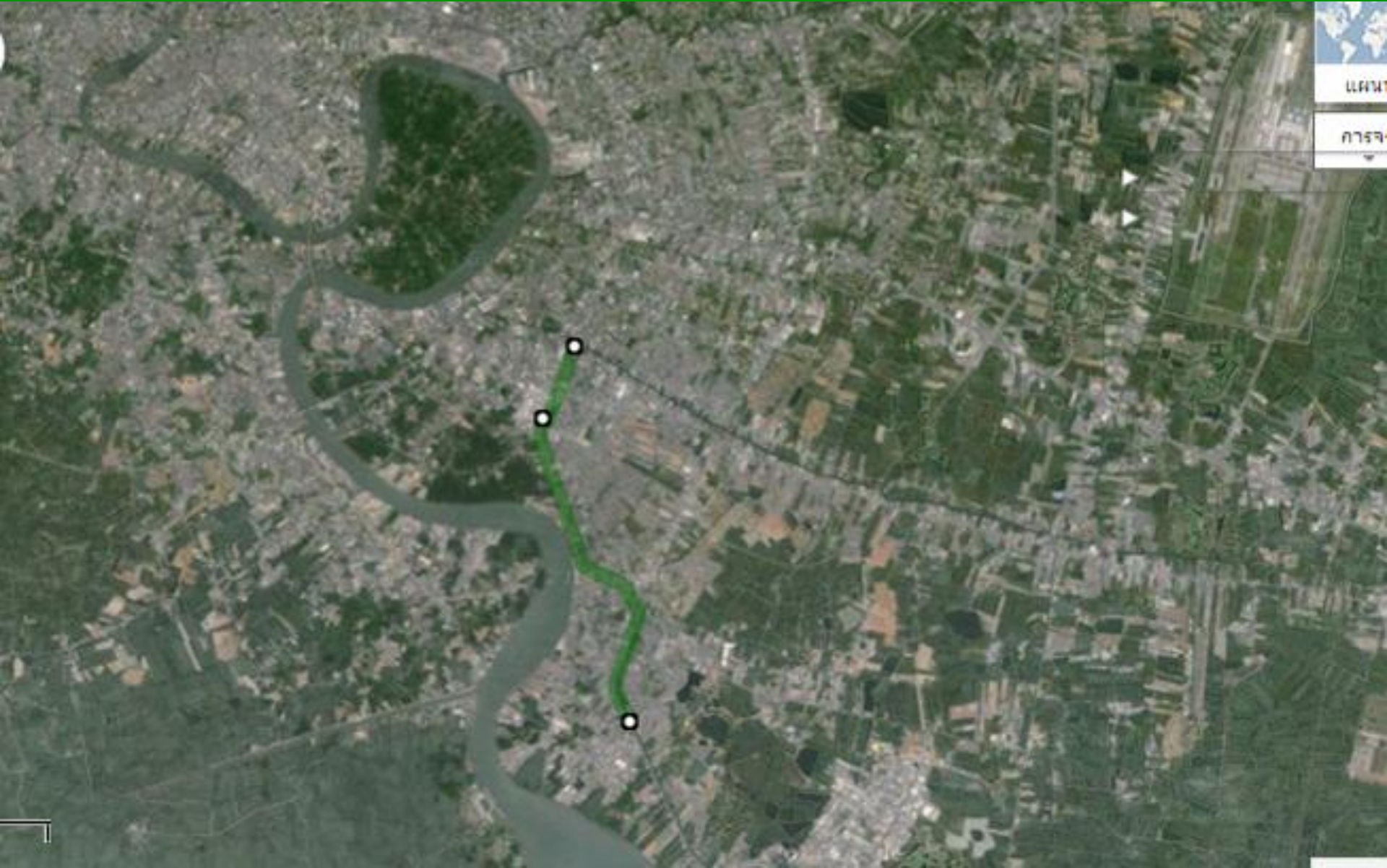
**Suvarnabhumi Airport**

extension

**Samutprakarn**



# Pressure to green conservation!!!!



**“How to conserve and help Bang Kachao  
to remain predominantly green,  
in the near and far future?”**



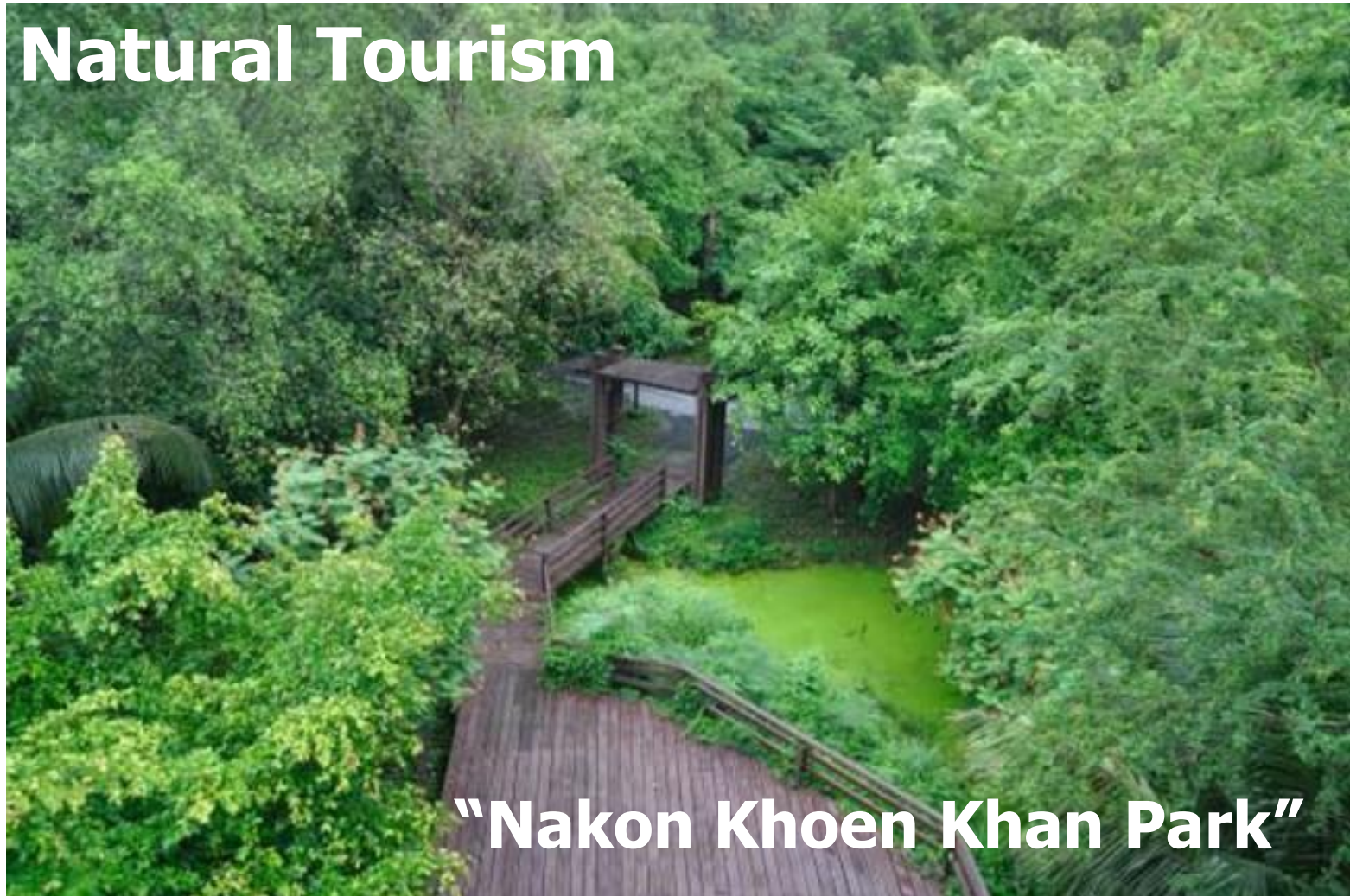
# Recreation Cum Touristic Destination for Urban Dwellers



*3 tourism types*  
*- Natural*  
*- Cultural*  
*- Way of life*

# Managed by Central Government

## Natural Tourism



“Nakon Khoen Khan Park”



# Cooperated by community

Cultural tourism



**“Floating Market BANG NUMPUENG”**

# Managed by Local Government

## Way of life tourism



## Siamese Fighting Fish Gallery



# Cooperation Local & Central Government

Cultural spots  
Proposed destination





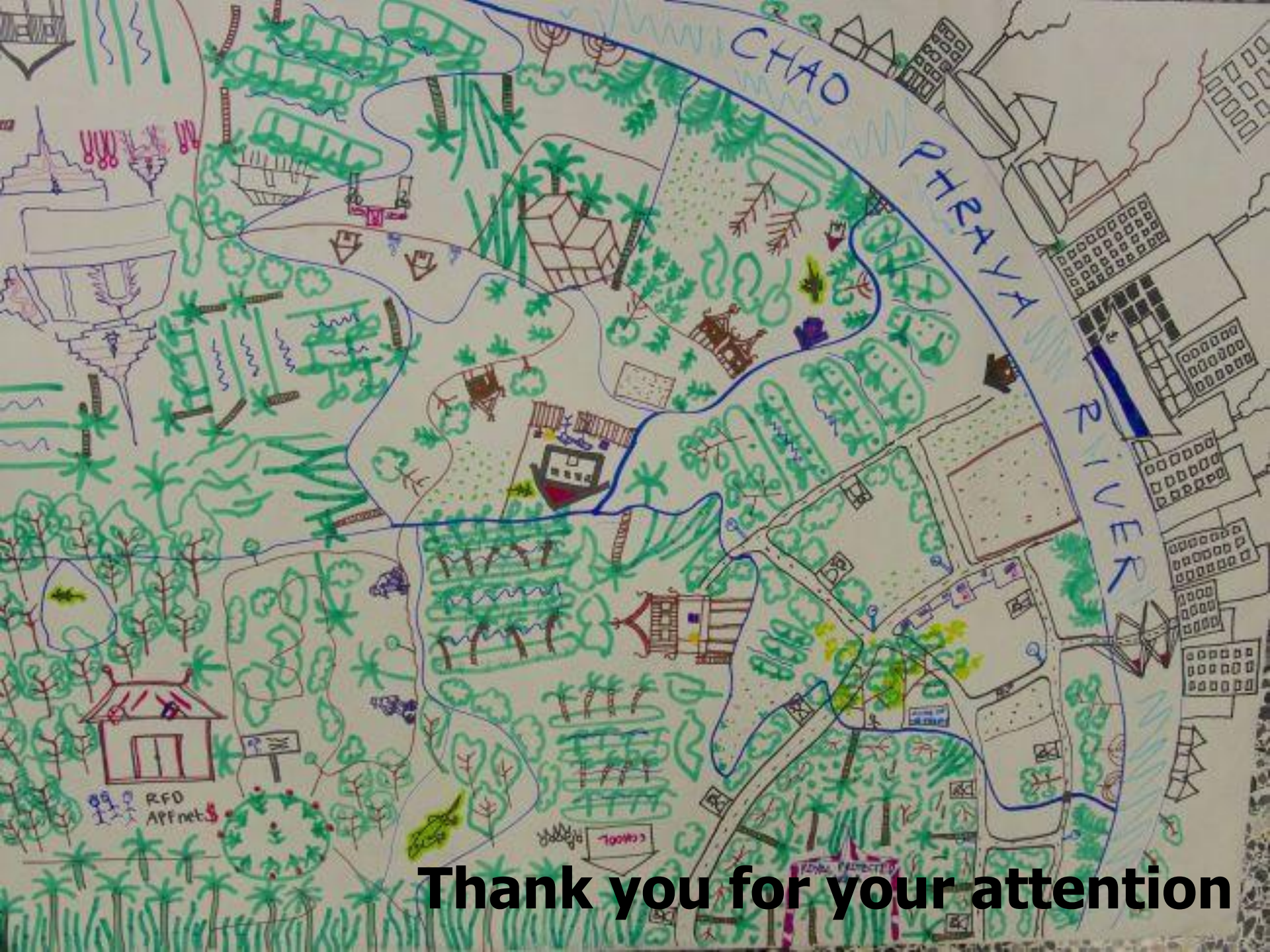




# **Eco Tourism as a driver for community economy**

## **Cooperation and Pool Efforts**

- Local Governments**
- Community**
- Central Government**



**Thank you for your attention**