



# Thailand

**Department of Public Works and Town & Country Planning**  
**Ministry of Interior**

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National and Regional Planning Bureau  
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Venue: Department of Public Works and Town & Country  
Planning Rama 9, Bangkok.

# Overview Mega-Trend : National Spatial Plan Thailand



**Sustainable  
Development Goals  
(SDGs)**

**World Economy/  
Global Cooperation**



**Thailand 4.0 Model**



**20-year National  
Strategy**



**National Economic and  
Social Development  
Plan**



**Urban & Economic  
Center Development**



**Transportation/  
Infrastructure  
Development**



**Spatial  
Planning**



**Land Use &  
Human  
Settlement**

**Infrastructure  
Development**



**Urban &  
Rural  
Develop-  
ment**



**Natural Resource,  
Historical Area  
Protection**

**Economy &  
Investment Support**



# Urban Planning System in Thailand Classified into Two Categories and Five Levels

## Land Use Policy Plans

- Framework policies and strategies for national development with respect to the use of areas for operation by State agencies

### The National Policy Plan



### The Regional Policy Plan



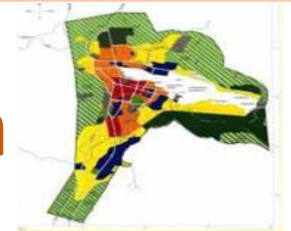
### The Provincial Policy Plan



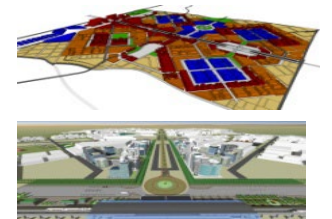
## Land Use Plans

- Framework directions and action plans for the use of land in any particular area for urban development including infrastructures and services

### The Comprehensive Plan



### The Specific Plan



# The National Spatial Policy Plan : Land use guideline for sustainable future of the country

## The National Policy Plan

- **The National Plan** a large-scale strategic development framework to achieve the national strategy. In creating stability, wealthy and sustainability
- To transfer the National Economic and Social Development Plan into the **physical development** dimension
- To integrate development framework, the National Plan aims to accomplish a well-balanced and substantial improvement in living standards.

The National POLICY board approves to announce in the Royal Thai Government Gazette.

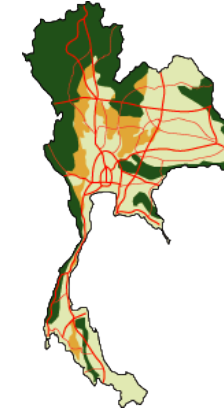
## The National Urban Planning Policy Board

Government organization follow the authority's regional policy plan

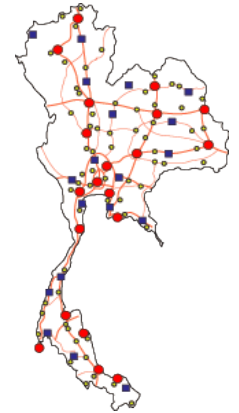
### National policy plan



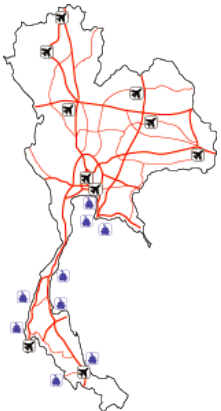
### (a) Land use



### (b) Settlements and communities system



### (c) Infrastructure



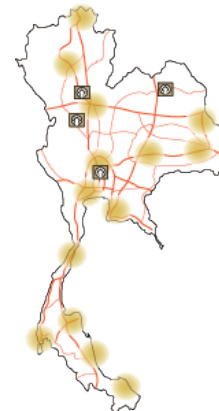
### (d) Special economic zone



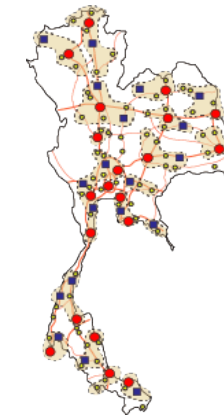
### (e) National resource, environment, and ecosystem



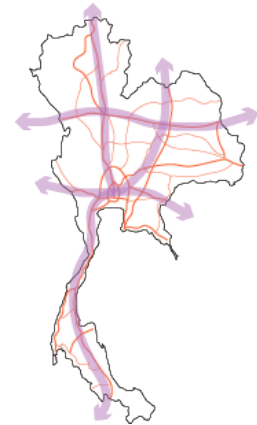
### (f) Arts and culture and history



### (g) Urban and rural development

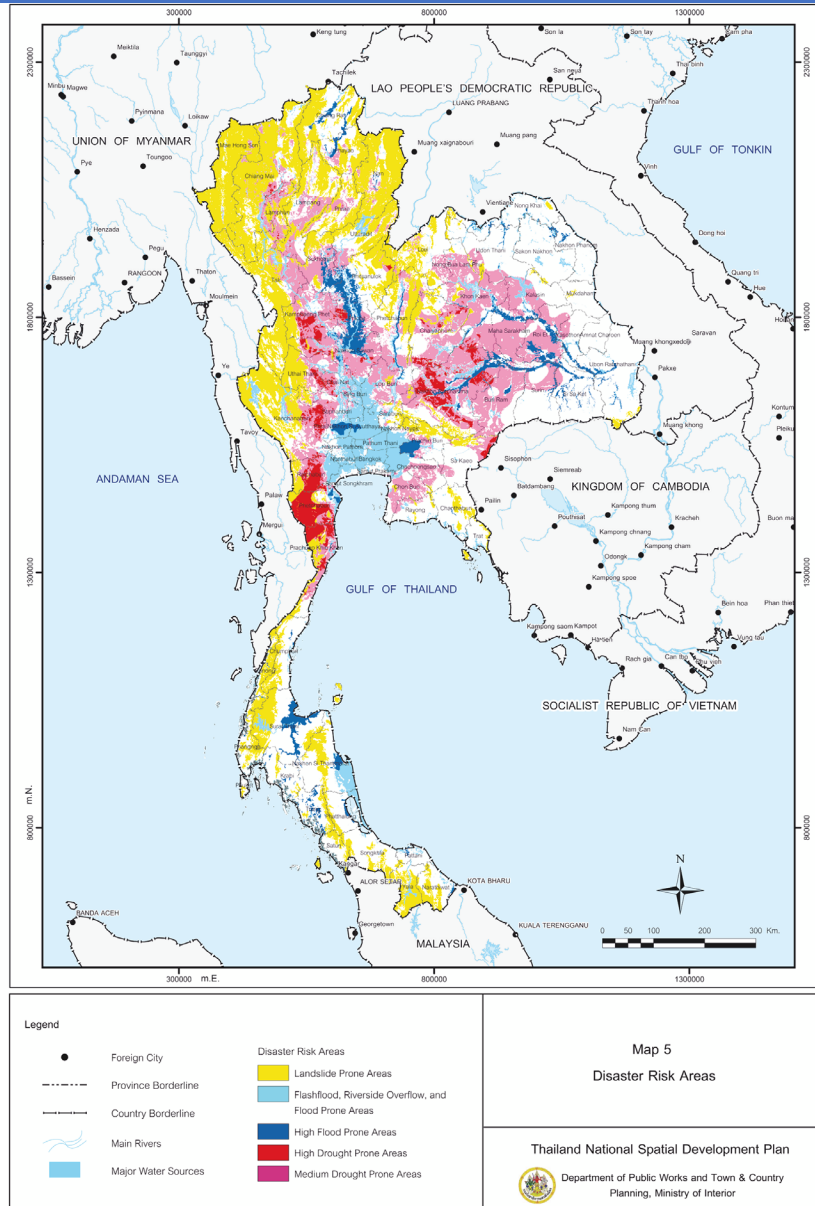


### (h) Regional country connection





# Disasters and Disaster Risk Areas



## Natural Disasters

- Floods – Central region ( the Chao Phraya River)
- Land slides – Mountains, Forest Areas
- Earthquakes
  - In Thailand, there are as many as 13 active faults
- Tropical Cyclones – Pacific ocean and South China Sea
- Coastal Erosion - the Gulf of Thailand, Andaman Sea coastline – Southern Thailand

## Human- made (induced Disasters)

- Land use zoning  
(Explosion of tank farms, material store, and industrial plants with dangerous supplies)

## Regional Specification

### **NORTH** (17 provinces)

Chiang Mai, Lamphun, Lampang, Uttaradit, Phrae, Nan, Phayao, Chiang Rai, Mae Hong Son, Nakhon Sawan, Uthai Thani, Kamphaeng Phet, Tak, Sukhothai, Phitsanulok, Phi chit and Phetchabun

### **CENTRAL** (12 provinces)

Phra Nakhon Si Ayutthaya, Ang Thong, Lop Buri, Sing Buri, Chai Nat, Saraburi, Ratchaburi, Kanchanaburi, Suphan Buri, Samut Songkhram, Phetchaburi and Prachuap Khiri Khan

### **South** (14 provinces)

Phra Nakhon Si Ayutthaya, Ang Thong, Lop Buri, Sing Buri, Chai Nat, Saraburi, Ratchaburi, Kanchanaburi, Suphan Buri, Samut Songkhram, Phetchaburi and Prachuap Khiri Khan

### (20 provinces) **NORTHEAST**

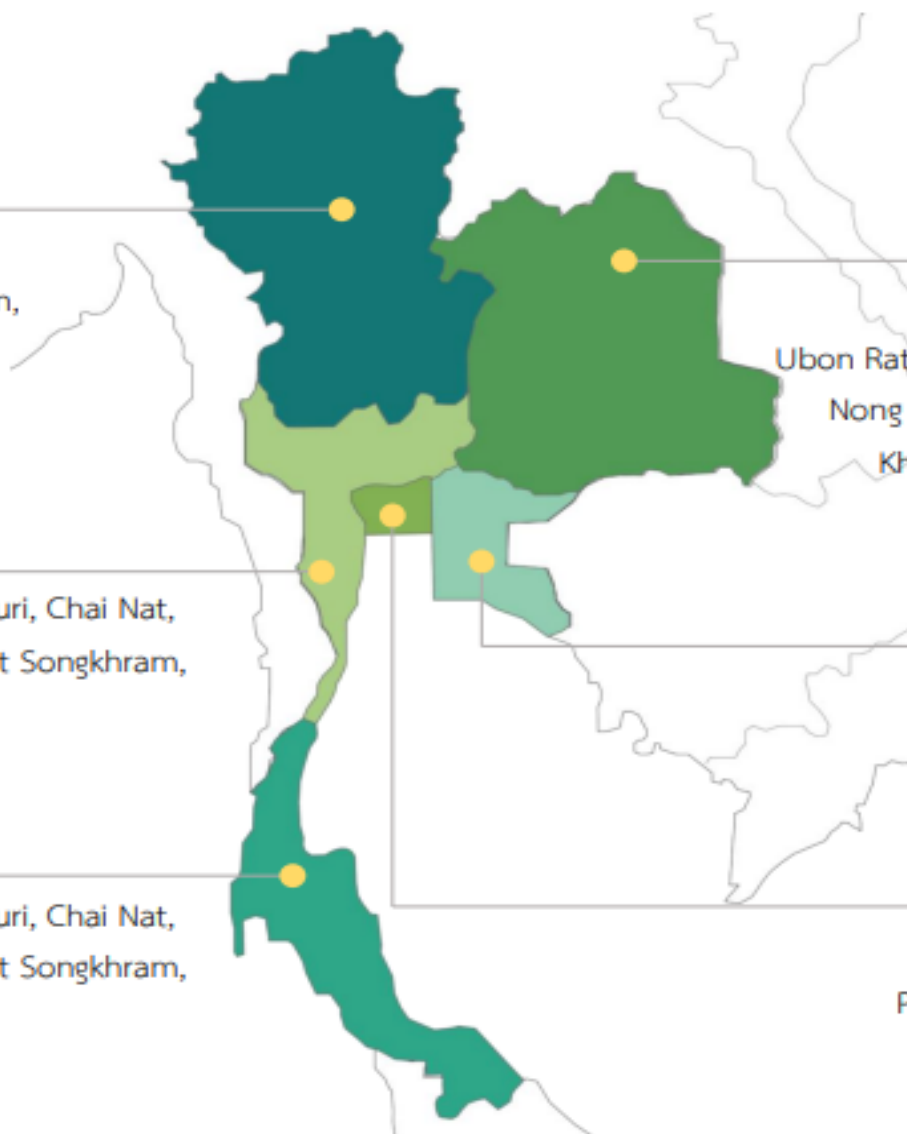
Nakhon Ratchasima, Buri Ram, Surin, Si Sa Ket, Ubon Ratchathani, Yasothon, Chaiyaphum, Amnat Charoen, Nong Bua Lam Phu, Khon Kaen, Udon Thani, Loei, Nong Khai, Maha Sarakham, Roi Et, Kalasin, Sakon Nakhon, Nakhon Phanom, Mukdahan and Bueng Kan

### (8 provinces) **EAST**

Chon Buri, Rayong, Chanthaburi, Trat, Chachoengsao, Prachin Buri, Nakhon Nayok and Sa Kaeo.

### (6 provinces) **BMR**

Bangkok, Samut Prakan, Nonthaburi, Pathum Thani, Nakhon Pathom and Samut Sakhon



# Concept Plan BMR

