



Ministry of Housing  
and Local Government

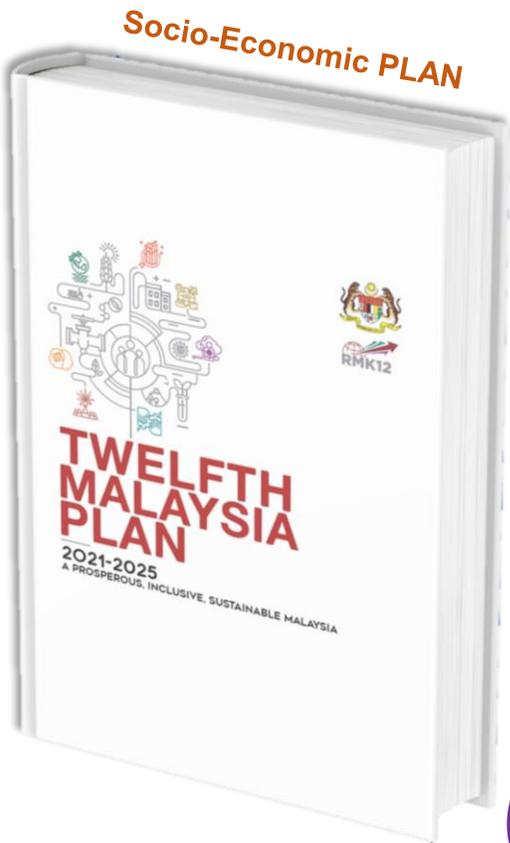
PLANMalaysia  
(JABATAN PERANCANGAN BANDAR DAN DESA)



# **4<sup>th</sup> NATIONAL PHYSICAL PLAN : The Planning Agenda for Prosperous, Resilient and Liveable Malaysia**

**Alias bin Rameli**  
**Director General of Town and Country**  
**Planning (PLANMalaysia)**

**KICK-OFF CONFERENCE FOR 12<sup>TH</sup> MALAYSIA PLAN MID-TERM REVIEW**  
**Organised By Economic Planning Unit, Prime Minister's Department, Malaysia | 6 December 2022**



**A Prosperous,  
Inclusive,  
Sustainable Malaysia**

**Note : NPP will be reviewed every five (5) years in tandem with the 5-Year Malaysia Plan**

**Theme 1**  
Resetting the Economy

**Theme 2**  
Strengthening Security, Wellbeing and Inclusivity

**Theme 3**  
Advancing Sustainability

To  
translate

To  
complement



**A Prosperous, Resilient and Liveable Nation**

**Policy Enabler 1**  
Developing Future Talent

**Policy Enabler 2**  
Accelerating Technology Adoption and Innovation

**Policy Enabler 4**  
Enhancing Connectivity & Transport Infrastructure

**Policy Enabler 4**  
Strengthening the Public Service

THRUST 02  
SR

**SPATIAL SUSTAINABILITY AND CLIMATE CHANGE**

SR1

 Holistic Land Use Planning

SR2

 Sustainable Management of Natural Resources, Food Resources and Heritage Resources

SR3

 Development Towards a Carbon Neutral Nation

THRUST 01  
DG

**BALANCED AND DYNAMIC GROWTH**

DG1

 Strengthening Nation's Strategic Position at Global Level

DG2

 Sustainable and Competitive Economic Growth

DG3

 Strategic and Integrated Transportation Network Connectivity

DG4

 Improving Digital and Smart Infrastructure

THRUST 03  
CI

**LIVEABLE ENVIRONMENT AND INCLUSIVE COMMUNITY**

CI1

 Housing Provision Planning for All Communities

CI2

 Building Educated and Competitive Society

CI3

 Conducive and Liveable Environment

CI4

 Community-friendly Planning and Development

# SPATIAL PLANNING FRAMEWORK : TOWARDS CITIES SUSTAINABILITY



## PLANNING GOVERNANCE

### Federal

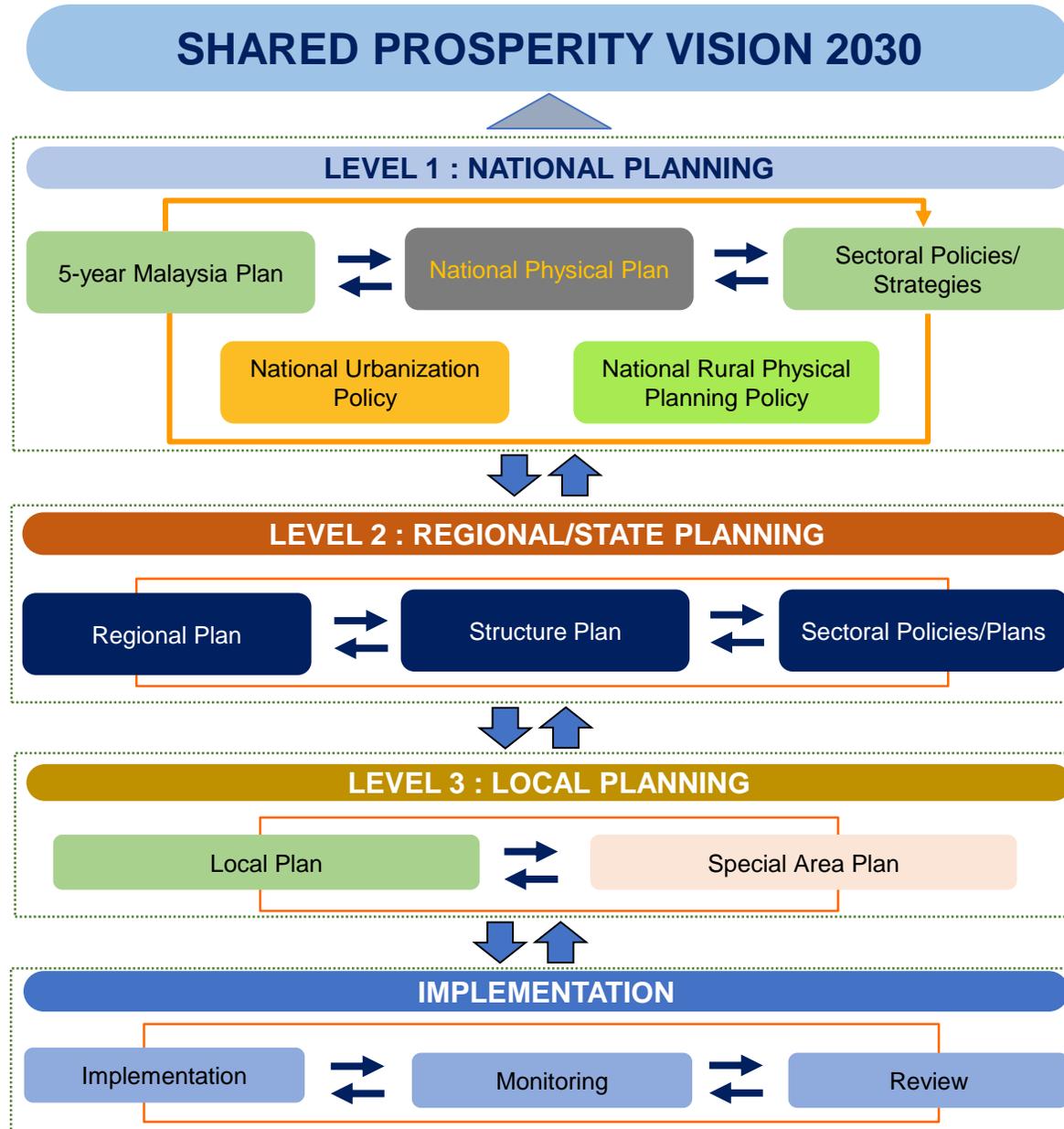
- MINISTRY OF LOCAL GOVERNMENT DEVELOPMENT
- PLANMalaysia
- Federal Department and Agencies

### Regional /State

- STATE GOVERNMENT
- PLANMalaysia@States -11 States in Peninsular Malaysia

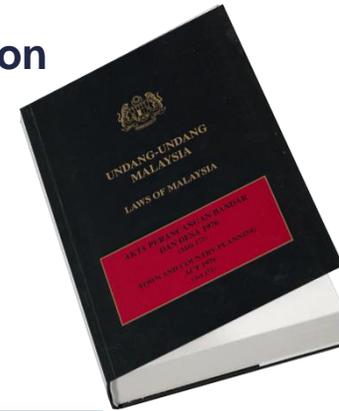
### Local

- LOCAL AUTHORITIES (102 Local Authorities in Peninsular Malaysia, including Federal Territories of Kuala Lumpur, Labuan and Putrajaya)



## Legal Provision

Town and Country Planning Act 1976 (Act 172)



### Sec. 6B(2)(b)

- National Urbanisation Policy (NUP)
- National Rural Physical Planning Policy
- National Physical Plan for Coastal Zones

### Paragraph 6A(5)(b)

- Central Forest Spine Action Plan

### Sec. 7-11

- Structure Plan

### Sec. 12-16A

- Local Plan

### Sec. 16B

- Special Action Plan

- Every level must implement, monitor and review :
  - **Flexibility**
  - **Effectiveness**

# BACKGROUND : THE NATIONAL PHYSICAL PLAN

Prepared under the provision of subsection 6B(1) Town and Country Planning Act 1976 [Act 172]



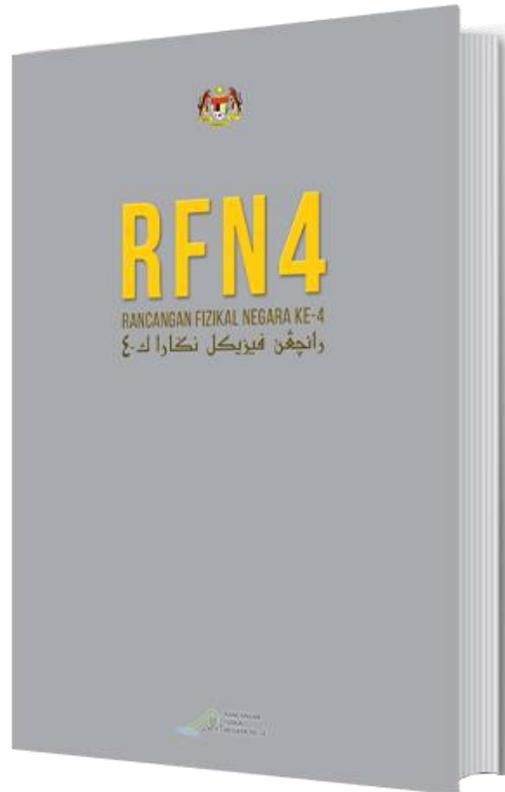
2006 - 2010



2011- 2015



2016 - 2020



Implementation Period  
2021 - 2025

Planning Area  
Peninsular Malaysia &  
Federal Territory of Labuan

## FUNCTIONS



### ▪ SPATIAL PLANNING FRAMEWORK

Acts as a spatial framework for physical planning at the national, regional, state and local levels.



### ▪ TOWARDS A BALANCE AND HOLISTIC DEVELOPMENT

Drives the implementation of balanced development planning between regions (inter and intra) and between urban and rural areas.



### ▪ ECONOMIC DEVELOPMENT FRAMEWORK

Drives towards enhancing the country's competitiveness in line with the requirements of the Five Year Malaysia Plan.



### ▪ COUNTRY'S COMMITMENT AT GLOBAL LEVEL

Translates the country's key commitments at the global / international level such as SDGs and NUA.



### ▪ DEVELOPMENT PLANNING COORDINATION INSTRUMENT

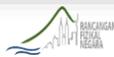
Provides the basis for coordination between the federal and state governments in strengthening sectoral policies and the direction for state development.

# BACKGROUND : The National Physical Plan

## Focus and Strengthened Aspects in NPP4 to Complement 12<sup>th</sup> MP



 **Chapter 4**  
Enhancing Defence, Security,  
Wellbeing and Unity

 **DG 1.2**  
Strengthen National Security  
Planning



 **Chapter 8**  
Advancing Green Growth for  
Sustainability and Resilience

 **SR 3.1**  
Expand the Implementation of the Low  
Carbon Cities Framework



 **Chapter 11**  
Boosting Digitalisation and  
Advanced Technology

 **DG 4.1**  
Ensure Development of  
Infrastructure Towards a Smart  
Nation

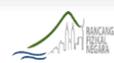


 **Chapter 8**  
Strengthening Macroeconomic  
Fundamentals

 **SR 2.5**  
Ensure National Food Security

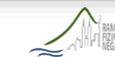


 **Chapter 4**  
Enhancing Defence, Security,  
Wellbeing and Unity

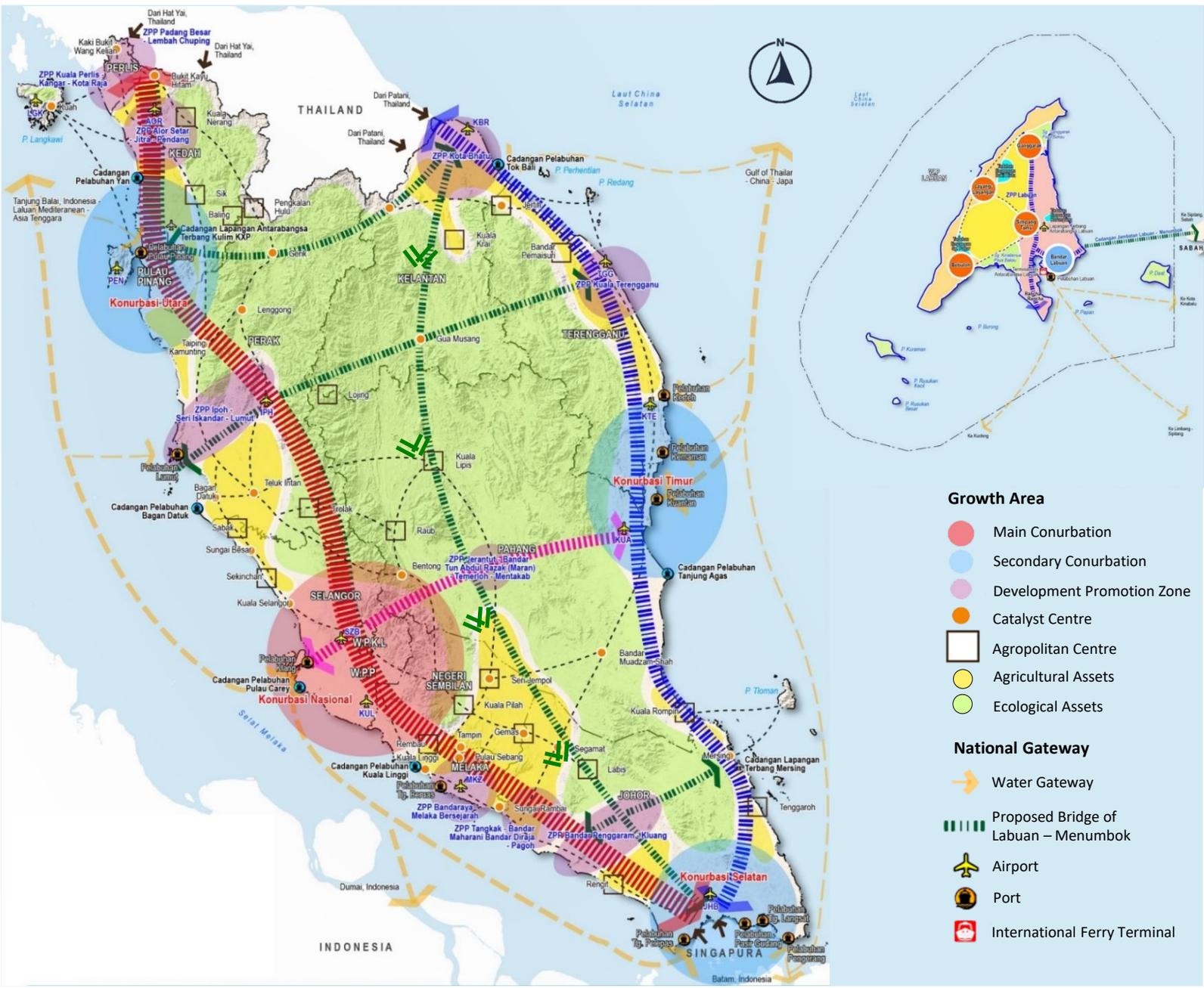
 **CI 3**  
Conducive and Liveable  
Environment



 **Chapter 8**  
Advancing Green Growth for  
Sustainability and Resilience

 **SR 1.1**  
Optimal Land Development  
Planning

# NPP4 STRATEGIC CONCEPT : SHAPING THE DEVELOPMENT LANDSCAPE



- Growth Area**
- Main Conurbation
  - Secondary Conurbation
  - Development Promotion Zone
  - Catalyst Centre
  - Agropolitan Centre
  - Agricultural Assets
  - Ecological Assets
- National Gateway**
- ➔ Water Gateway
  - ▬▬▬ Proposed Bridge of Labuan – Menumbok
  - ✈ Airport
  - ⚓ Port
  - 🚢 International Ferry Terminal

## COMPREHENSIVE SPATIAL ECOSYSTEM (CSES)

Achievement of optimal land use

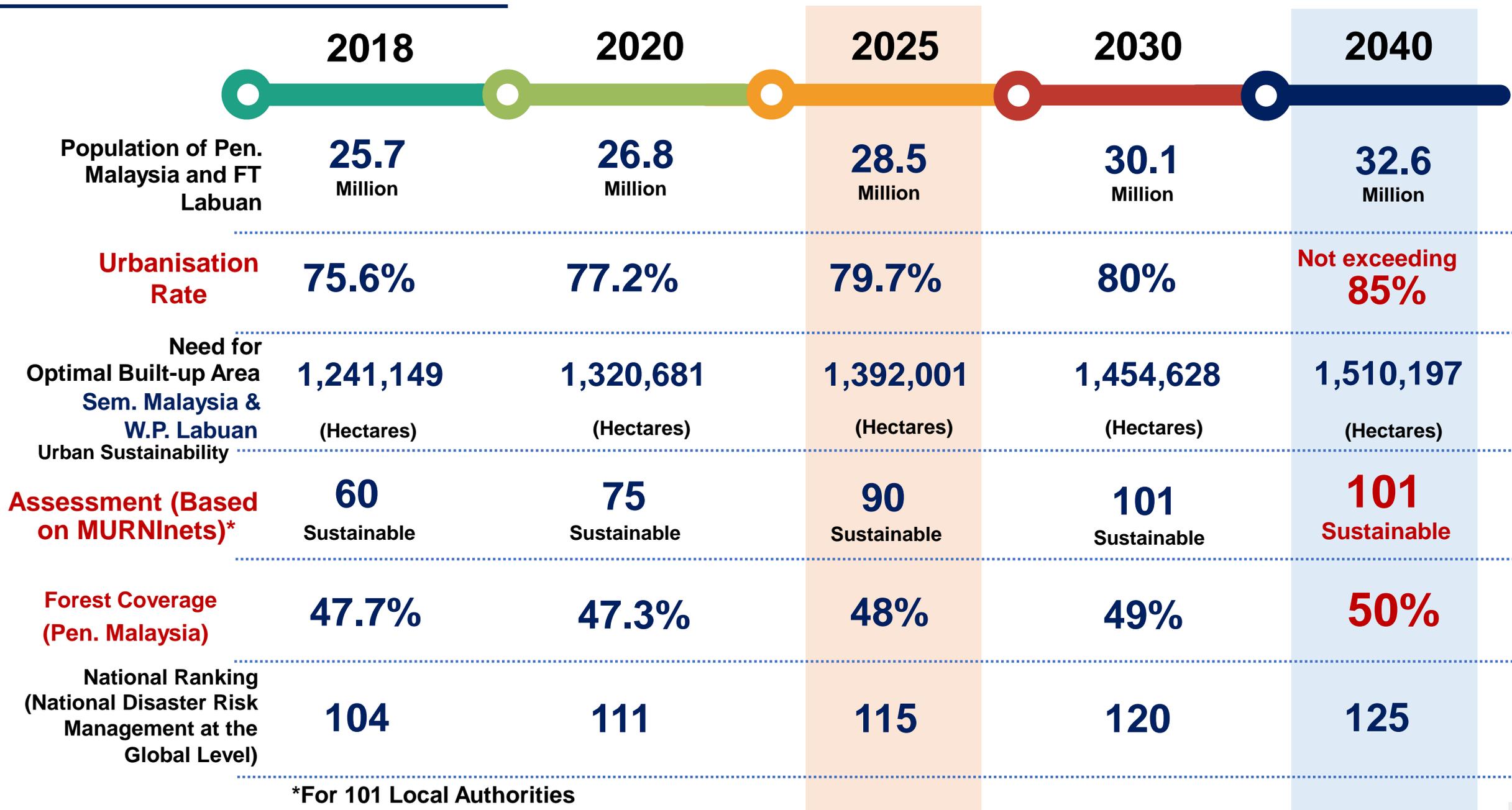
Focus economic development in key growth areas

Enhancement of inter-regional connectivity through integrated networks

Preservation and conservation of ecological & agricultural assets

- Corridor**
- ▬▬▬▬ Highly Strategic Developed Linkage
  - ▬▬▬▬ Highly Strategic Developing Linkage
  - ▬▬▬▬ Strategic East-west Linkage
  - ▬▬▬▬ Potential Linkages
  - - - Local Connectors

# NPP4 : DEVELOPMENT TARGETS



# NPP4 STRUCTURE : Formation of Thrusts, Strategic Directions and Strategies

## AIM

### PROSPEROUS, RESILIENT AND LIVEABLE NATION



**DG**

**THRUST 01**

**BALANCED AND DYNAMIC GROWTH**

- DG1**  
Strengthening Nation's Strategic Position at Global Level
- DG2**  
Sustainable and Competitive Economic Growth
- DG3**  
Strategic and Integrated Transportation Network Connectivity
- DG4**  
Improving Digital and Smart Infrastructure

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**4 Strategic Directions**

**16 Strategies**

**46 Actions**

**DG : BALANCED AND DYNAMIC GROWTH**

**SR**

**THRUST 02**

**SPATIAL SUSTAINABILITY AND CLIMATE CHANGE**

- SR1**  
Holistic Land Use Planning
- SR2**  
Sustainable Management of Natural Resources, Food Resources and Heritage Resources
- SR3**  
Development Towards a Carbon Neutral Nation

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**3 Strategic Directions**

**15 Strategies**

**55 Actions**

**SR : SPATIAL SUSTAINABILITY AND CLIMATE CHANGE**

**CI**

**THRUST 03**

**LIVEABLE ENVIRONMENT AND INCLUSIVE COMMUNITY**

- CI1**  
Housing Provision Planning for All Communities
- CI2**  
Building Educated and Competitive Society
- CI3**  
Conducive and Liveable Environment
- CI4**  
Community-friendly Planning and Development

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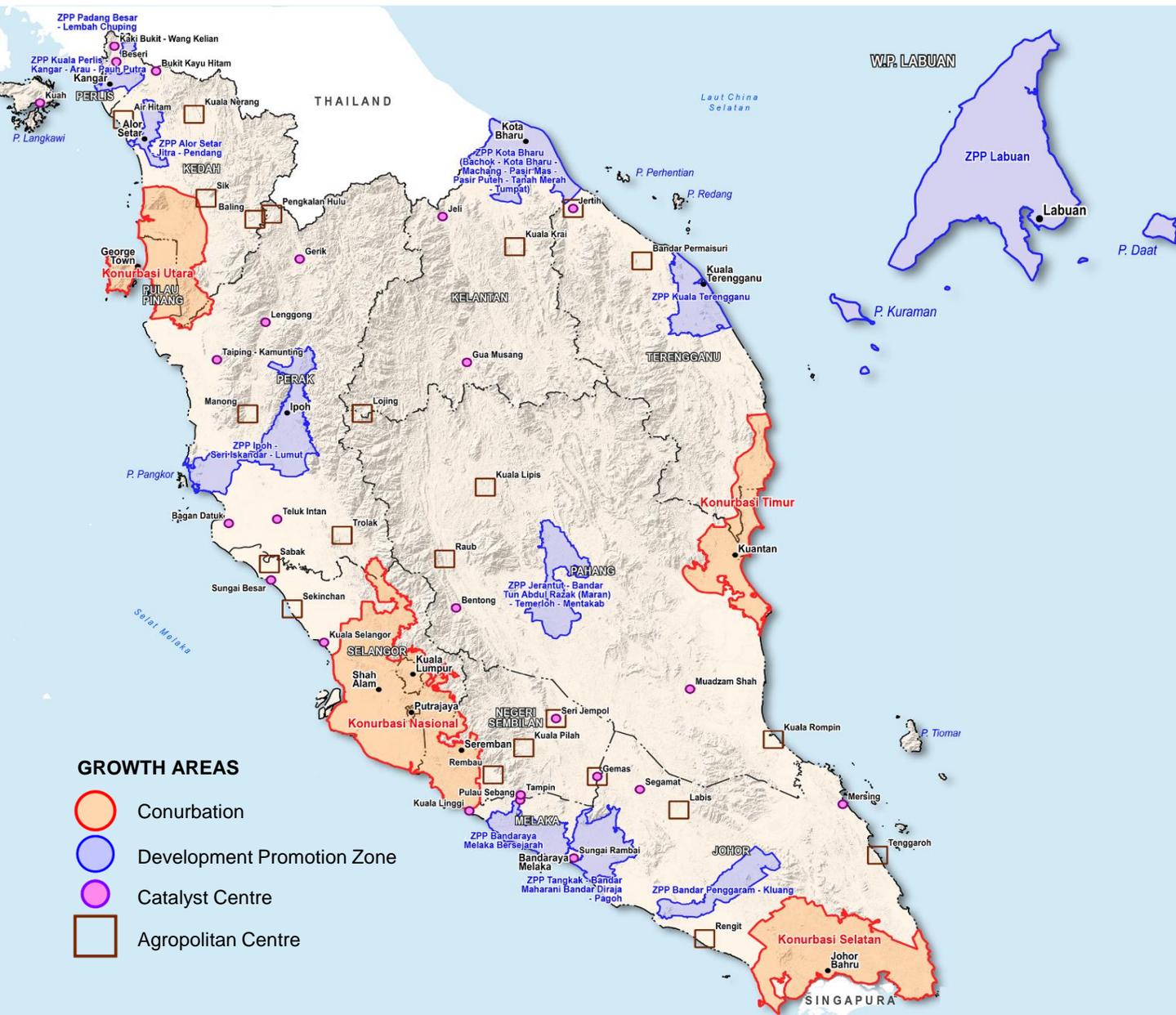
**4 Strategic Directions**

**8 Strategies**

**19 Actions**

**CI : LIVEABLE ENVIRONMENT AND INCLUSIVE COMMUNITY**

## Strategy 1 Strengthening the Function of Growth Areas



### 4 CONURBATIONS

- A major contributor to the national economy.
- Has land use activities that generate high economics returns.
- Has an efficient and effective transit, communication and infrastructure system

### 11 PROMOTED DEVELOPMENT ZONES

- The population exceeds 100,000 people.
- The main job center.
- Has its own function and potential in generating the economy of the local population.



### 24 CATALYST CENTRES

- The population exceeds 10,000 people.
- Has its own functional and potential in the development of the local economy.
- Has a good relationship with its area of influence.



### 23 AGROPOLITAN CENTRES

- Towns or rural settlement centers located in Agropolitan areas/districts.
- Serves as a major agricultural service center.
- Has a potential to be an agricultural marketing and trading center.



## Strategy 2 Connecting Regions Through Comprehensive Infrastructure & Transportation Network Planning



Strengthen Road Transport Networks and Connectivity



Making Rail as the Main Pillar of Transportation System



Strengthen Public Transport Services To Achieve Modal Split Targets



Strengthen Air Connectivity at Global, Regional and Local Levels



Improve Water Transport Services



Strengthen the Logistics Industry



## Strategy 3 Improvising Digital and Smart Infrastructure



### Ensuring infrastructure development towards a smart nation

- Accelerating the provision of comprehensive and high-capacity digital infrastructure.



### Ensuring comprehensive implementation of smart city agenda

- Strengthening comprehensive smart city planning at the state, regional and local level based on the **Malaysia Smart City Framework**.
- Providing **smart-city related standards** to drive integrated and world-class smart city development.
- Prioritizing public-private partnership in smart-city development.



## Strategy 4 Ensuring Holistic Land Use Planning



Optimal Land Development Planning



Ensure Development Focus Areas are developed in a Sustainable Manner



Priorities Urban Renewal in Existing Built-up Areas



Implement the Establishment of Malaysia Urban Observatory (MUO) as an Urban Big-Data Centre and National Smart City Platform

## Strategy 5 Implementing Mitigation Efforts To Reduce The Risk Of Natural Disasters And Climate Change



Implemented comprehensive coastal land use planning and development plan



Ensure sustainable management of water resources to reduce the impact of drought



Minimise the impact of flood disasters on settlements and municipalities located in flood basin areas



Improve resilience and readiness for natural disaster and the threat of climate change



Regulate development activities in landslide risk areas

## Strategy 6 Preserving and Conserving the Ecological Assets

**50.0%**

Forest coverage target  
for Peninsular Malaysia  
in **2040**

### Notes :

**47.3%** - Forest coverage in 2018, Peninsular Malaysia (source: I-PLAN)

**4.812 mil. hectares** - Permanent Forest Reserves (2019; Forestry Department)

## Strategy 7 Preserving Areas for National Food Security Guarantees



### THE STRATEGIES:

- Ensuring **National Food Security** through:
- ✓ Preserving country's **food resource areas**
  - ✓ Increasing the **level of self-sufficiency** (Paddy)
  - ✓ Improving food self-sufficiency (other than paddy)
  - ✓ Using the latest **technology** to increase the agriculture productivity

## Strategy 8 Development Towards a Carbon Neutral Nation



Expand the Implementation of the Low Carbon Cities Framework



Strengthen Efficient and Sustainable Waste Management



Improve the Management of Sustainable Alternative Energy Sources

# NPP4 SPATIAL STRATEGIES : Towards 'A Prosperous, Resilient and Liveable Nation'

## Strategy 9 Mainstream a Clean, Healthy and Safe Lifestyle in Planning and Development



Ensure a safe city community environment

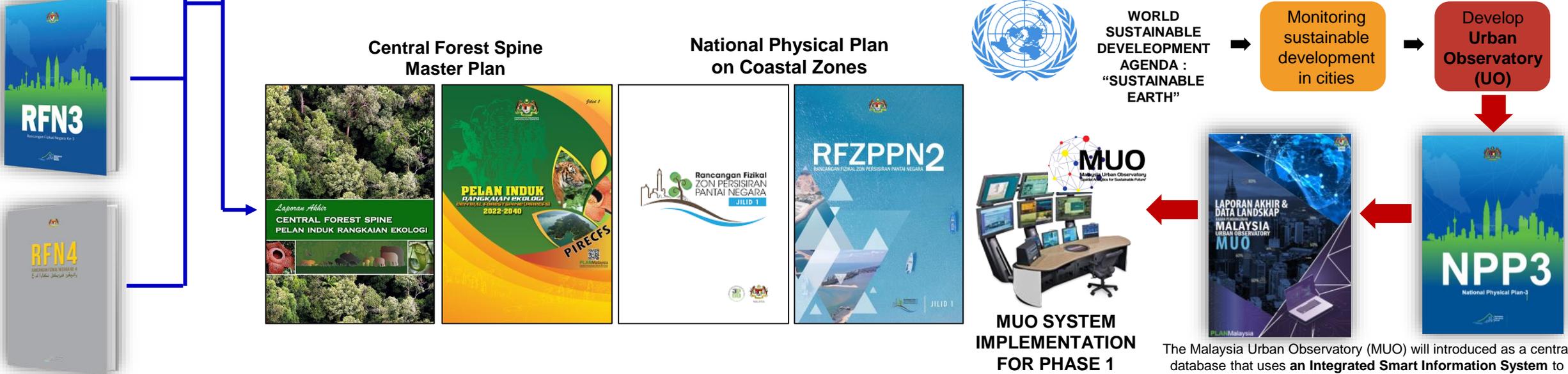


Increase the number of green areas and improve their function as a space for social interaction



Encourage Green practices in the community

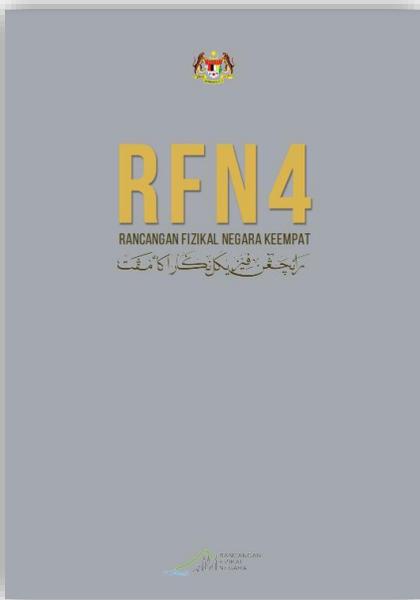
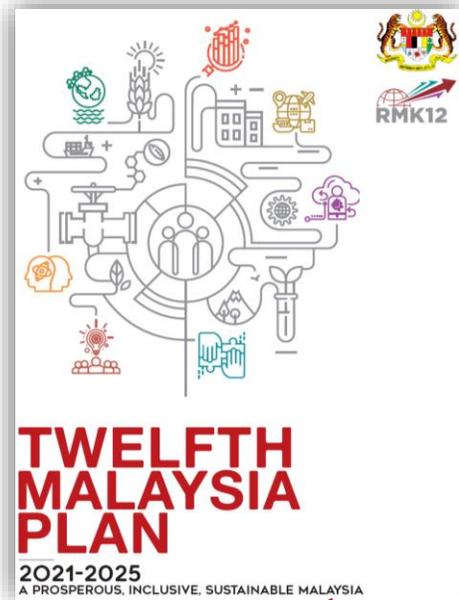
# THE 'FOLLOW-THROUGH' ACTIONS OF NPP @By PLANMalaysia



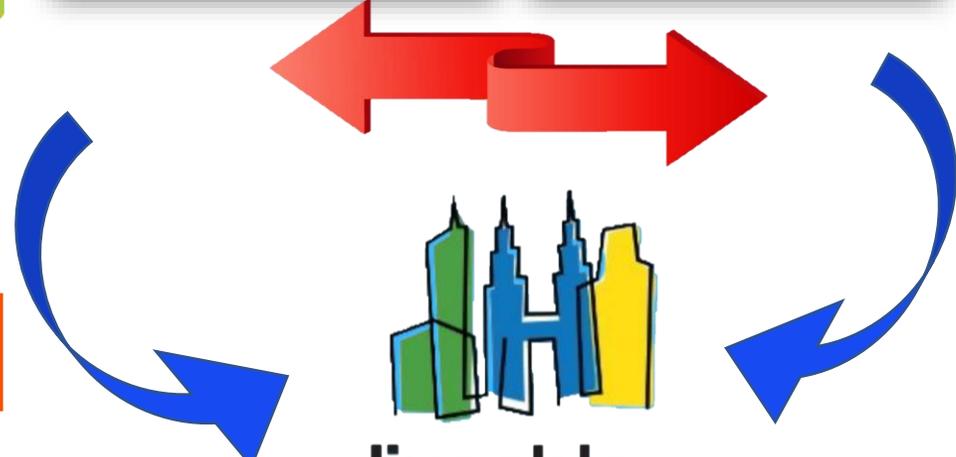
The Malaysia Urban Observatory (MUO) will be introduced as a central database that uses an **Integrated Smart Information System** to support sustainable growth. The MUO also serves to monitor the implementation of the **NPP-3** and its related policies aimed at enhancing urban and regional development.

# CONCLUSION : Reform for Outcome-Based Development Planning

- 1 Managing Natural Resources Efficiently to Safeguard Natural Capital
- 2 Developing Sustainable Cities
- 3 Embracing the Circular Economy
- 4 Advancing Green Growth for Sustainability and Resilience
- 5 Implementing a Low-Carbon, Clean and Resilient Development
- 6 Improving Regional Balance and Inclusion
- 7 Optimising Regional Economic Potential
- 8 Increasing the Supply of Quality Affordable Housing



- 1 Strengthen the Function of Growth Areas
- 2 Ensure Housing Supply Matches Housing Needs
- 3 Ensure National Food Security
- 4 Implement Mitigation Efforts to Reduce the Risk of Natural Disasters and Climate Change
- 5 Ensure Comprehensive Implementation of Smart City Agenda
- 6 Prioritise Urban Renewal in Existing Built-up Areas
- 7 Preserve and Conserving National Ecological Assets
- 8 Expand the Implementation of the Low Carbon Cities Framework



**12<sup>TH</sup> MP : A Prosperous, Inclusive, Sustainable Malaysia**

**liveable malaysia**

**A Prosperous, Resilient and Liveable Nation**



*terima kasih*

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*Planning : Beyond Conventional*

