

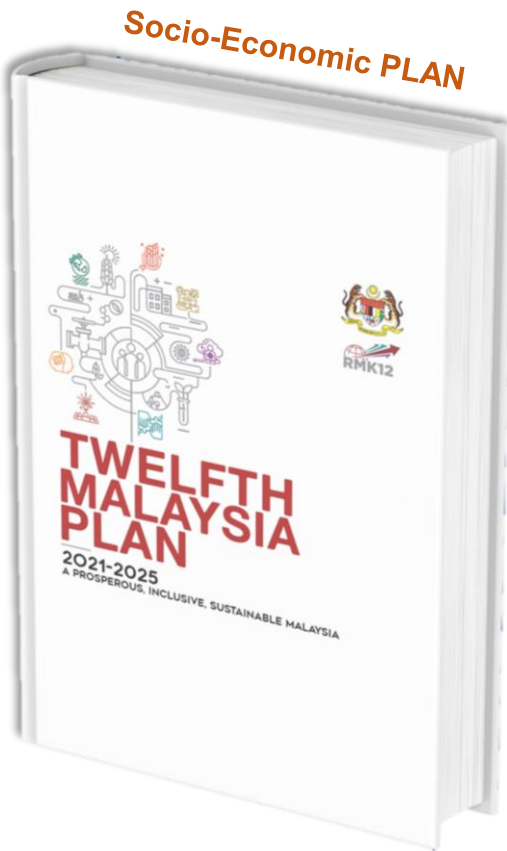


4th NATIONAL PHYSICAL PLAN : The Planning Agenda for Prosperous, Resilient and Liveable Malaysia

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

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

INTRO : 12th MALAYSIA PLAN & NATIONAL PHYSICAL PLAN 4



**A Prosperous,
Inclusive,
Sustainable Malaysia**

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



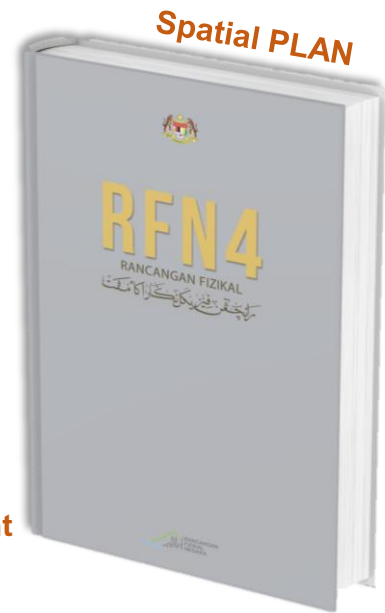
Theme 1
Resetting the Economy



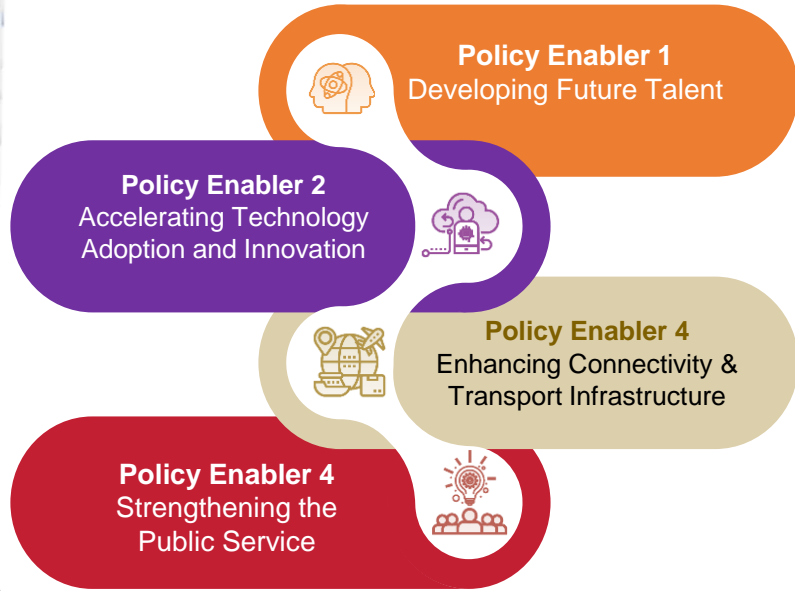
Theme 2
Strengthening Security, Wellbeing and Inclusivity



Theme 3
Advancing Sustainability



A Prosperous, Resilient and Liveable Nation



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

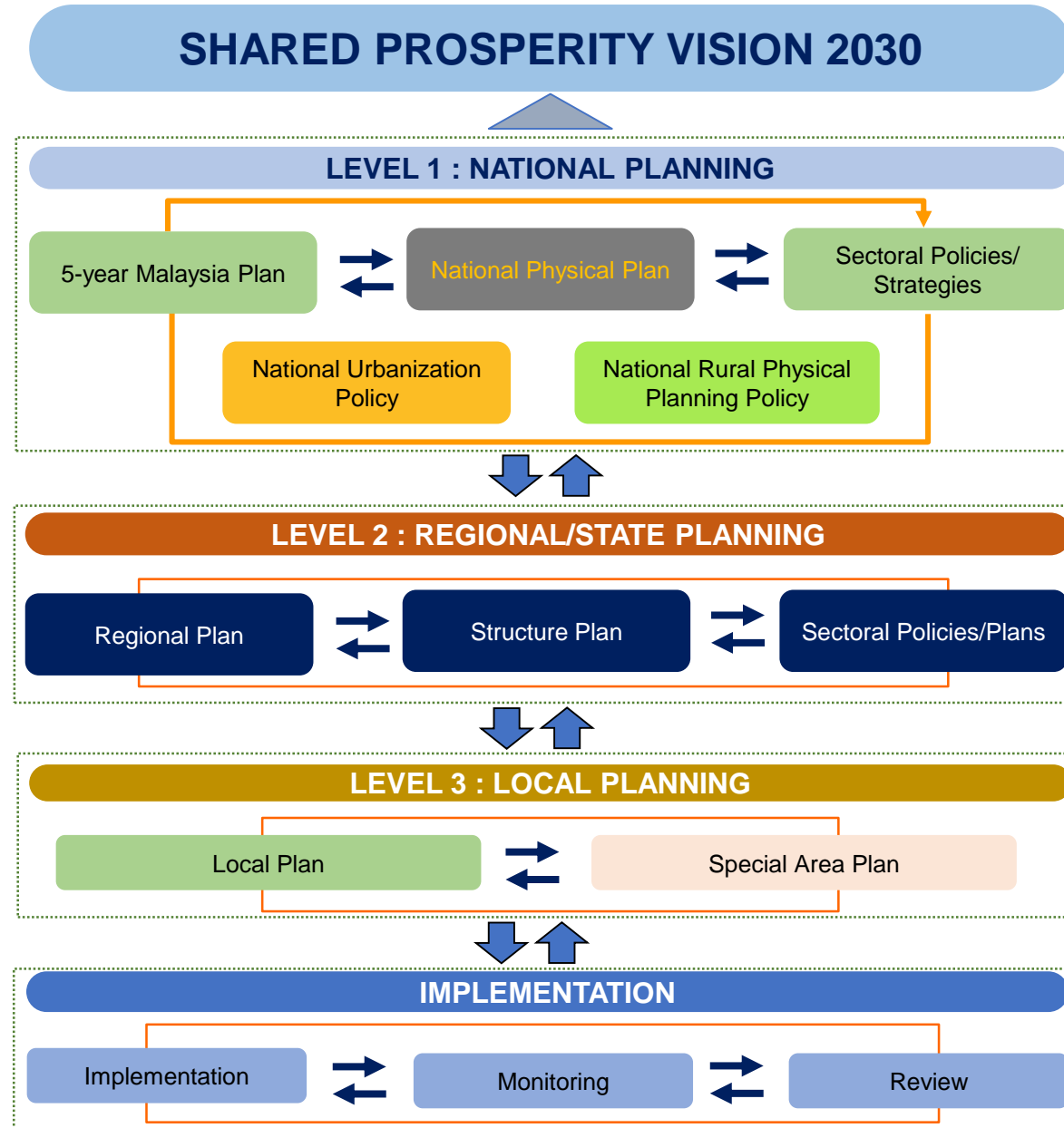
- MINISTRY OF LOCAL GOVERNMENT DEVELOPMENT
- PLANMalaysia Federal Department and Agencies

Regional /State

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

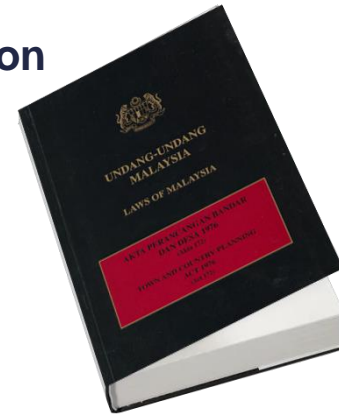
Local

- 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]



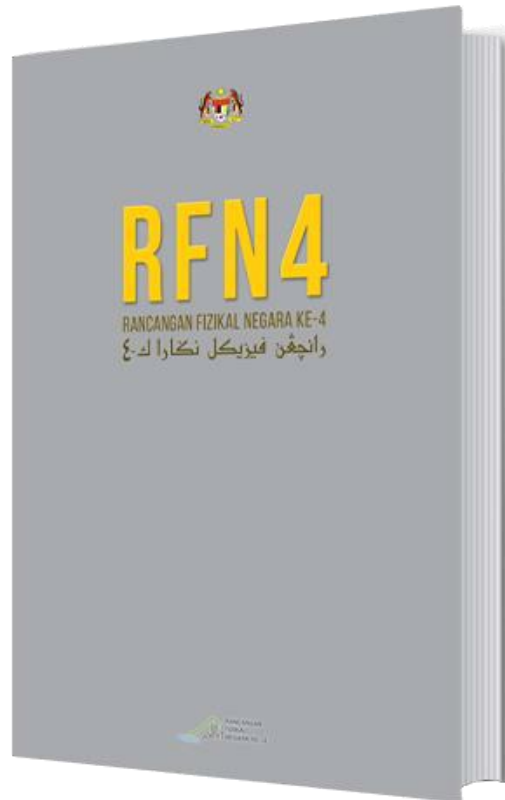
2006 - 2010



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 12th MP



National Security Planning

RMK12 Chapter 4
Enhancing Defence, Security,
Wellbeing and Unity

DG 1.2
Strengthen National Security
Planning



Towards Carbon Neutral Nation

RMK12 Chapter 8
Advancing Green Growth for
Sustainability and Resilience

SR 3.1
Expand the Implementation of the Low
Carbon Cities Framework



Improvement of Physical Infrastructure

RMK12 Chapter 11
Boosting Digitalisation and
Advanced Technology

DG 4.1
Ensure Development of
Infrastructure Towards a Smart
Nation



National Food Security Guarantees

RMK12 Chapter 8
Strengthening Macroeconomic
Fundamentals

SR 2.5
Ensure National Food Security



Liveable Environment and Inclusive
Community

RMK12 Chapter 4
Enhancing Defence, Security,
Wellbeing and Unity

CI 3
Conducive and Liveable
Environment

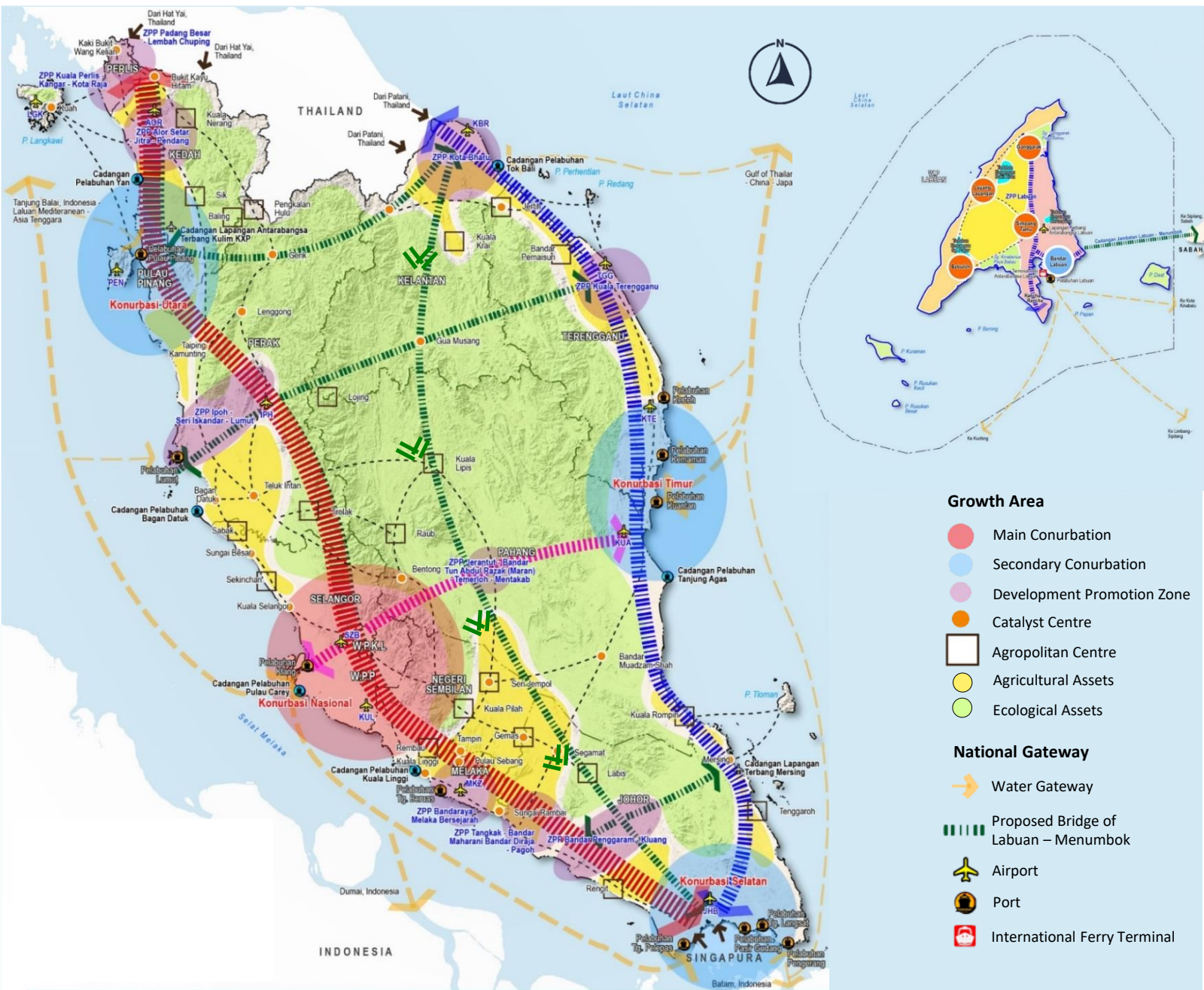


Smart Growth Development

RMK12 Chapter 8
Advancing Green Growth for
Sustainability and Resilience

SR 1.1
Optimal Land Development
Planning

NPP4 STRATEGIC CONCEPT : SHAPING THE DEVELOPMENT LANDSCAPE



COMPREHENSIVE SPATIAL ECOSYSTEM (CSES)

Achievement of optimal land use

Focus economic development in key growth areas

Enhancement of inter-regional connectivity through integrated networks

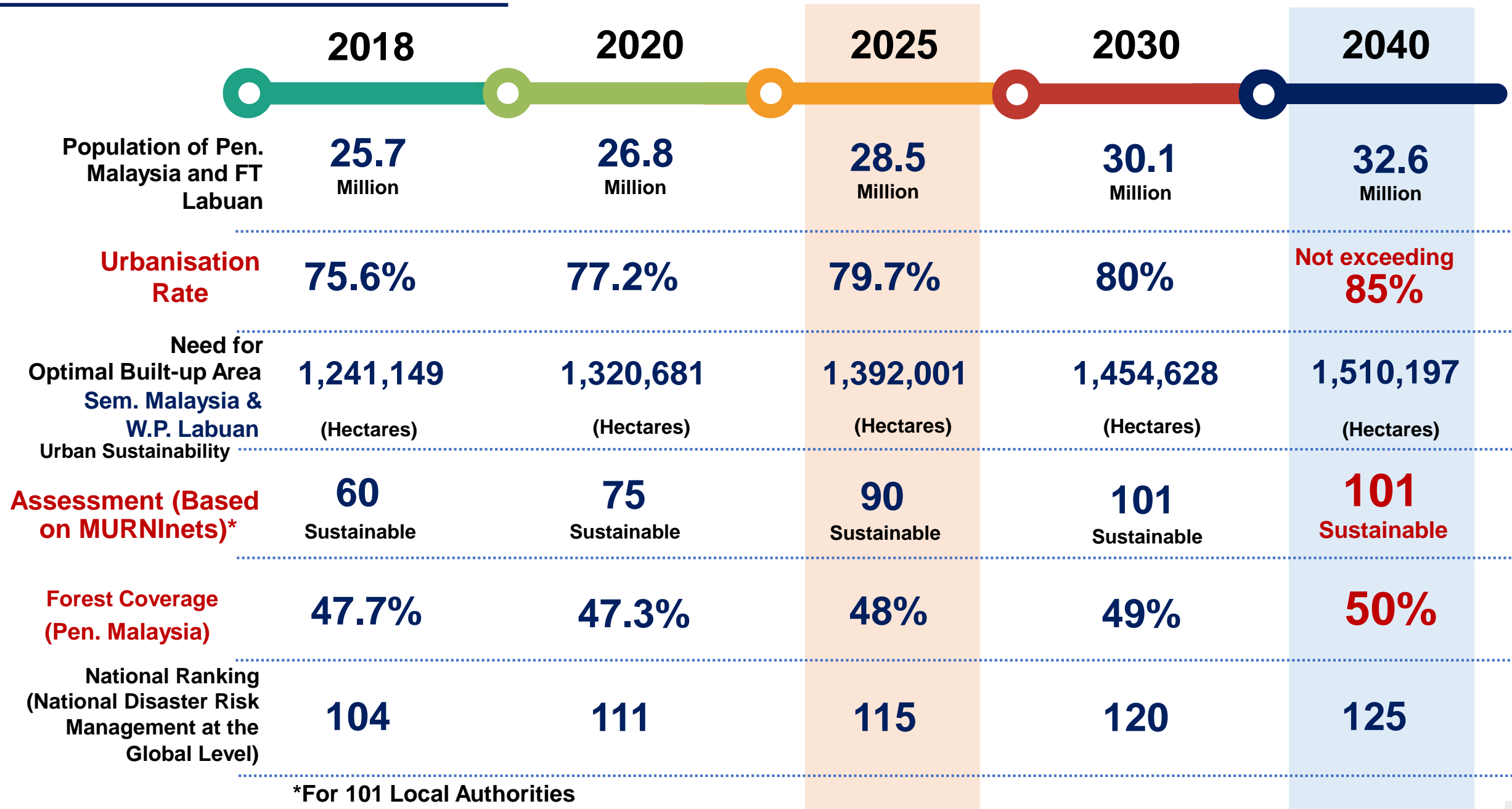
Preservation and conservation of ecological & agricultural assets

Corridor

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

- 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

NPP4 : DEVELOPMENT TARGETS



NPP4 STRUCTURE : Formation of Thrusts, Strategic Directions and Strategies

AIM

PROSPEROUS, RESILIENT AND LIVEABLE NATION

3 DEVELOPMENT
THRUSTS

11 STRATEGIC
DIRECTIONS

39
STRATEGIES

120
ACTIONS

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

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

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

4 Strategic Directions

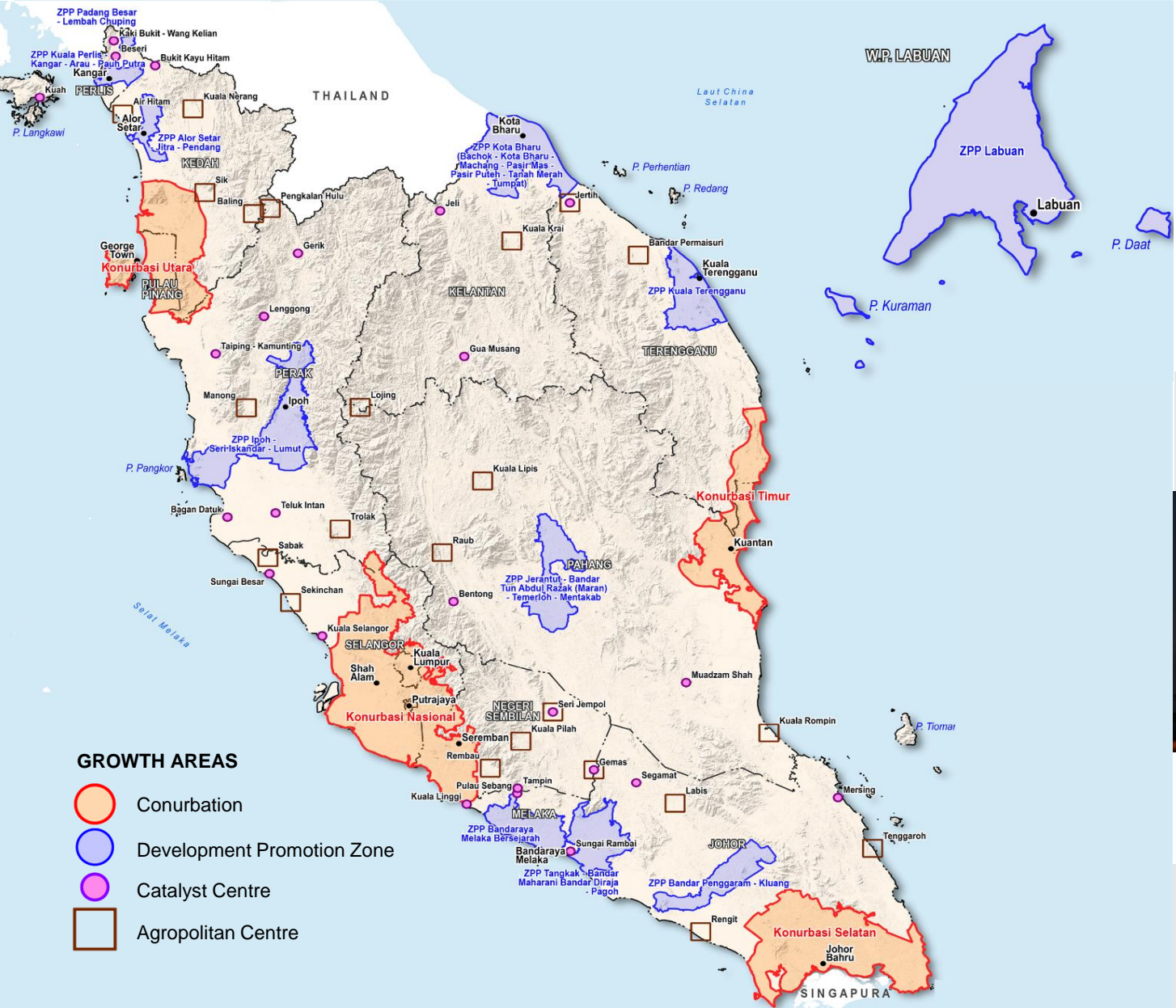
8 Strategies

19 Actions

**CI : LIVEABLE ENVIRONMENT
AND INCLUSIVE COMMUNITY**

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

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.



NPP4 SPATIAL STRATEGIES : Towards ‘A Prosperous, Resilient and Liveable Nation’

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.



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

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



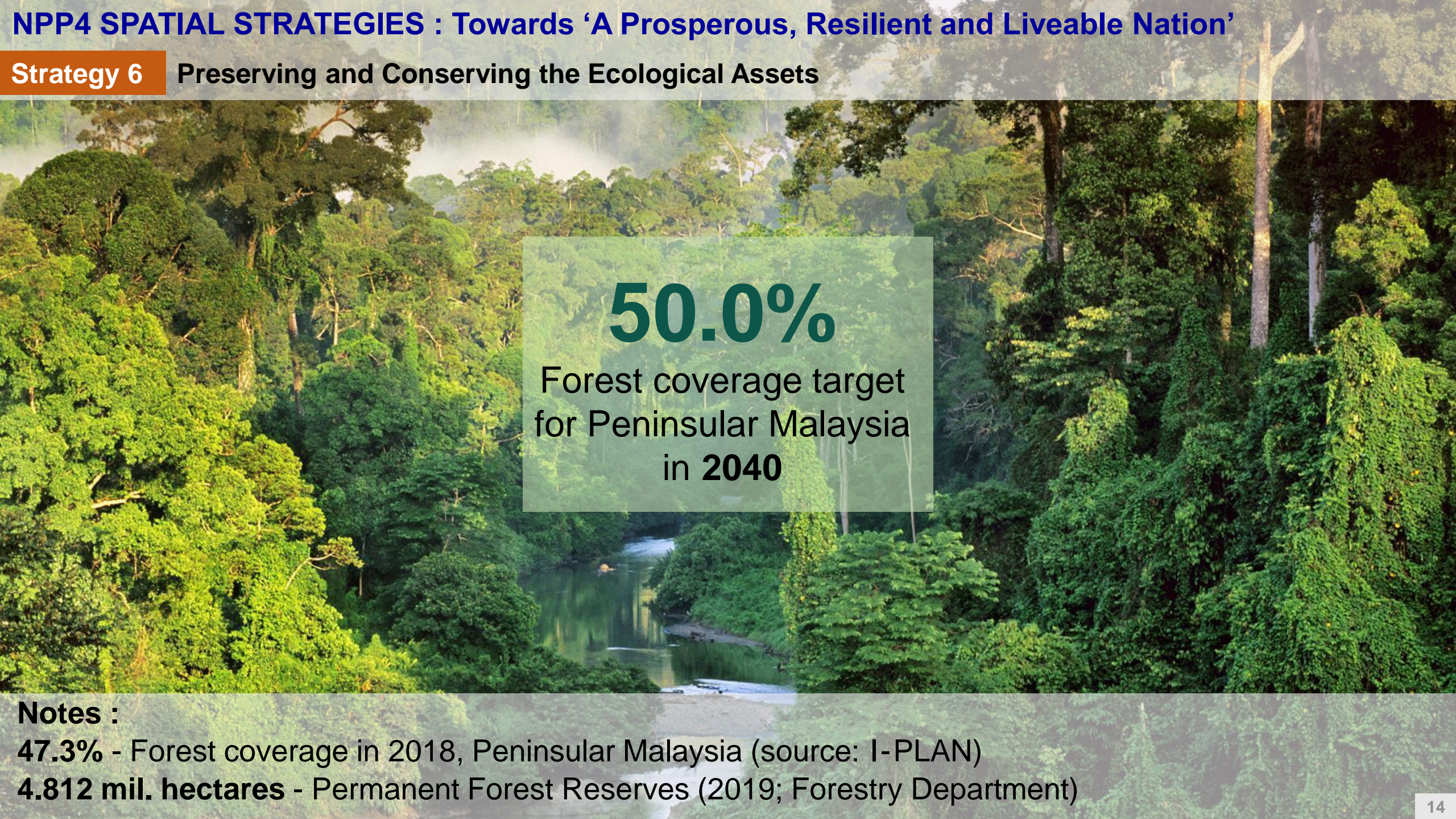
Minimise the impact of flood disasters on settlements and municipalities located in flood basin areas



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



NPP4 SPATIAL STRATEGIES : Towards ‘A Prosperous, Resilient and Liveable Nation’

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



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



CONCLUSION : Reform for Outcome-Based Development Planning





terima kasih



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PLANMalaysia
Perancangan Melangkaui Kelaziman
Planning : Beyond Conventional

