Ministry of Housing and Local Government

PLANMalaysia (JABATAN PERANCANGAN BANDAR DAN DESA)

PLANMalaysia SDGs

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

Socio-Economic PLAN

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

Policy Enabler 1
Developing Future Talent

Policy Enabler 2
Accelerating Technology Adoption and Innovation

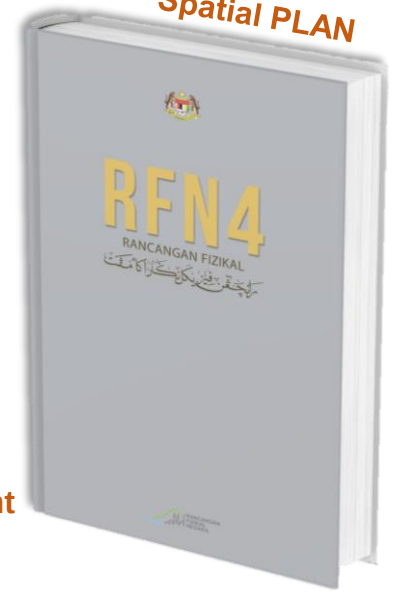
Policy Enabler 4
Enhancing Connectivity & Transport Infrastructure

Policy Enabler 4
Strengthening the Public Service

To translate

To complement

Spatial PLAN



A Prosperous, Resilient and Liveable 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 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 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)

SHARED PROSPERITY VISION 2030

LEVEL 1 : NATIONAL PLANNING

5-year Malaysia Plan ⇄ National Physical Plan ⇄ Sectoral Policies/ Strategies

National Urbanization Policy

National Rural Physical Planning Policy

LEVEL 2 : REGIONAL/STATE PLANNING

Regional Plan ⇄ Structure Plan ⇄ Sectoral Policies/Plans

LEVEL 3 : LOCAL PLANNING

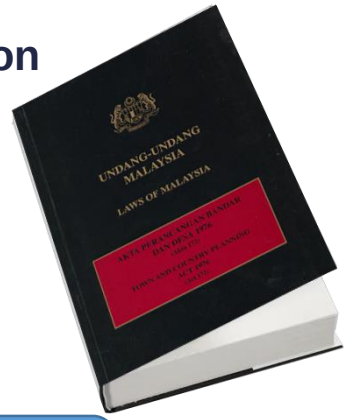
Local Plan ⇄ Special Area Plan

IMPLEMENTATION

Implementation ⇄ Monitoring ⇄ Review

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***

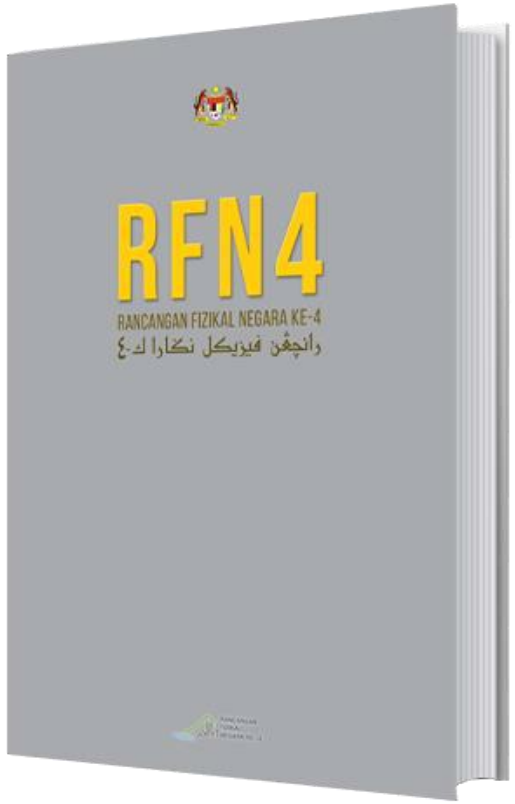
BACKGROUND : THE NATIONAL PHYSICAL PLAN

Prepared under the provision of s**ubsection 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

Chapter 4
Enhancing Defence, Security, Wellbeing and Unity

DG 1.2
Strengthen National Security Planning

Towards Carbon Neutral Nation

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

Chapter 11
Boosting Digitalisation and Advanced Technology

DG 4.1
Ensure Development of Infrastructure Towards a Smart Nation

National Food Security Guarantees

Chapter 8
Strengthening Macroeconomic Fundamentals

SR 2.5
Ensure National Food Security

Liveable Environment and Inclusive Community

Chapter 4
Enhancing Defence, Security, Wellbeing and Unity

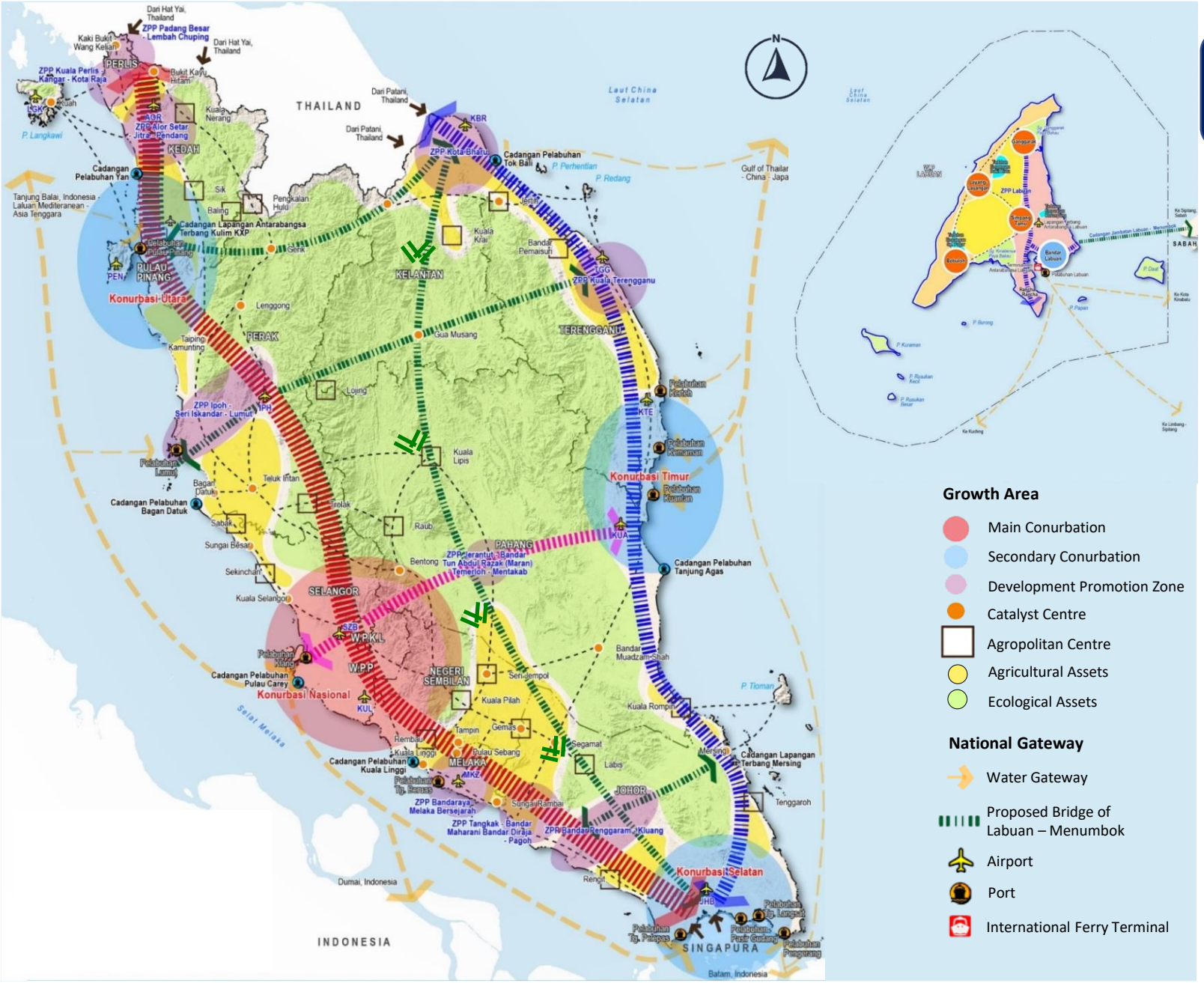
CI 3
Conducive and Liveable Environment

Smart Growth Development

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*

NPP4 : DEVELOPMENT TARGETS

	2018	2020	2025	2030	2040
Population of Pen. Malaysia and FT Labuan	25.7 Million	26.8 Million	28.5 Million	30.1 Million	32.6 Million
Urbanisation Rate	75.6%	77.2%	79.7%	80%	Not exceeding 85%
Need for Optimal Built-up Area Sem. Malaysia & W.P. Labuan	1,241,149 (Hectares)	1,320,681 (Hectares)	1,392,001 (Hectares)	1,454,628 (Hectares)	1,510,197 (Hectares)
Urban Sustainability Assessment (Based on MURNInets)*	60 Sustainable	75 Sustainable	90 Sustainable	101 Sustainable	101 Sustainable
Forest Coverage (Pen. Malaysia)	47.7%	47.3%	48%	49%	50%
National Ranking (National Disaster Risk Management at the Global Level)	104	111	115	120	125

*For 101 Local Authorities

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

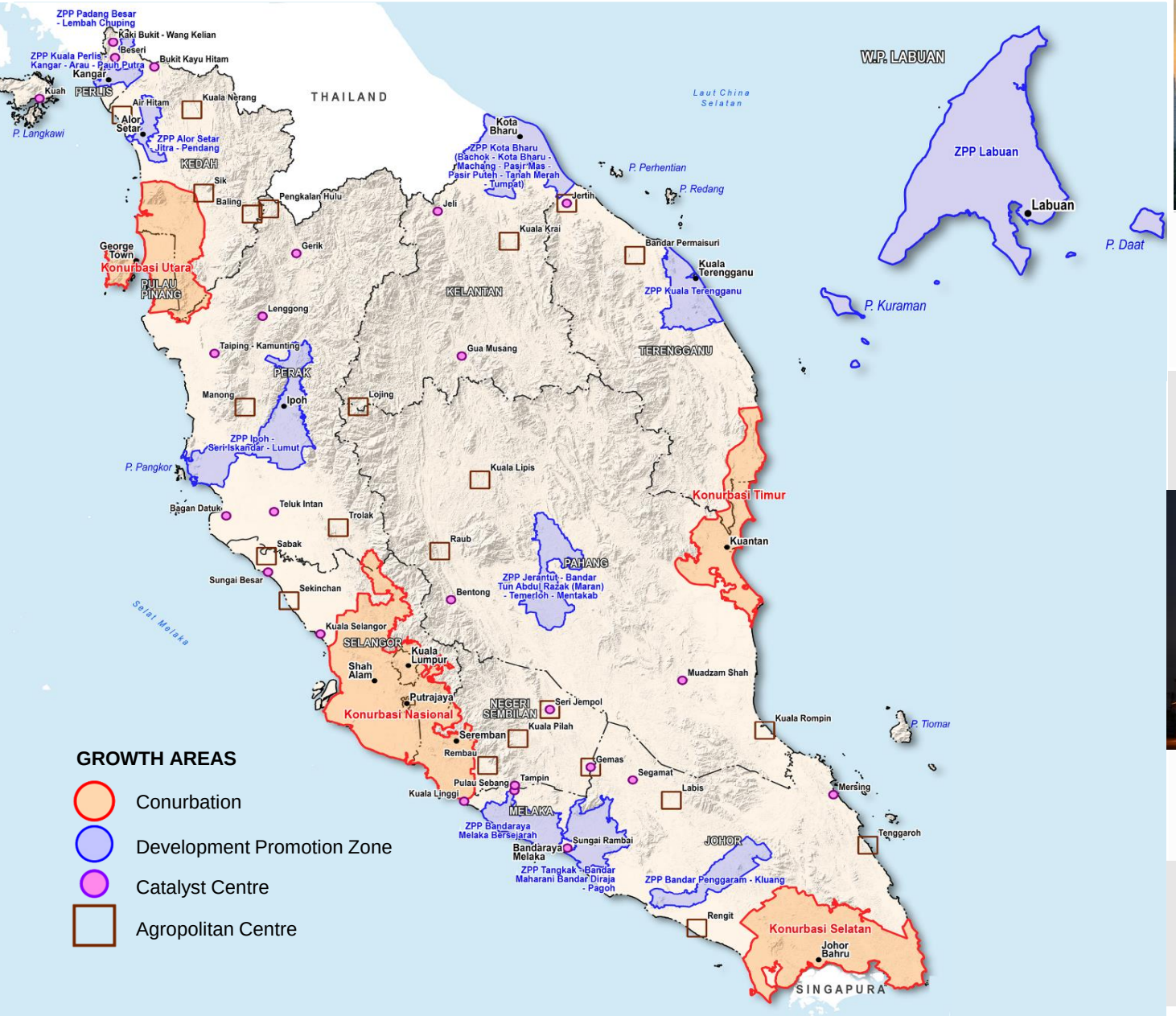
CI4
Community-friendly Planning and Development

- **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

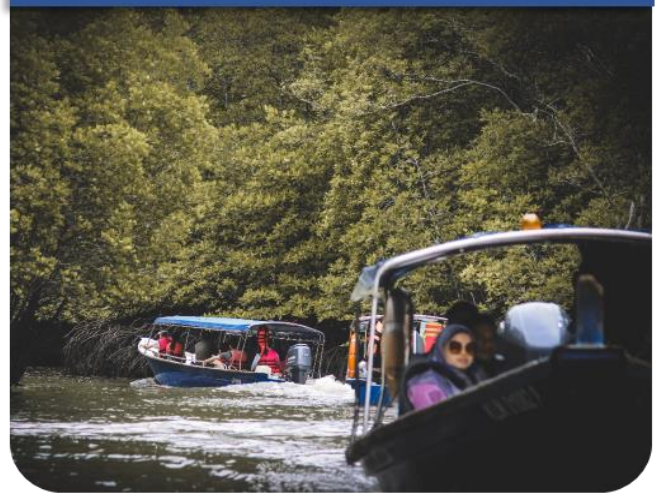
Strengthen Road Transport Networks and Connectivity

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

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

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

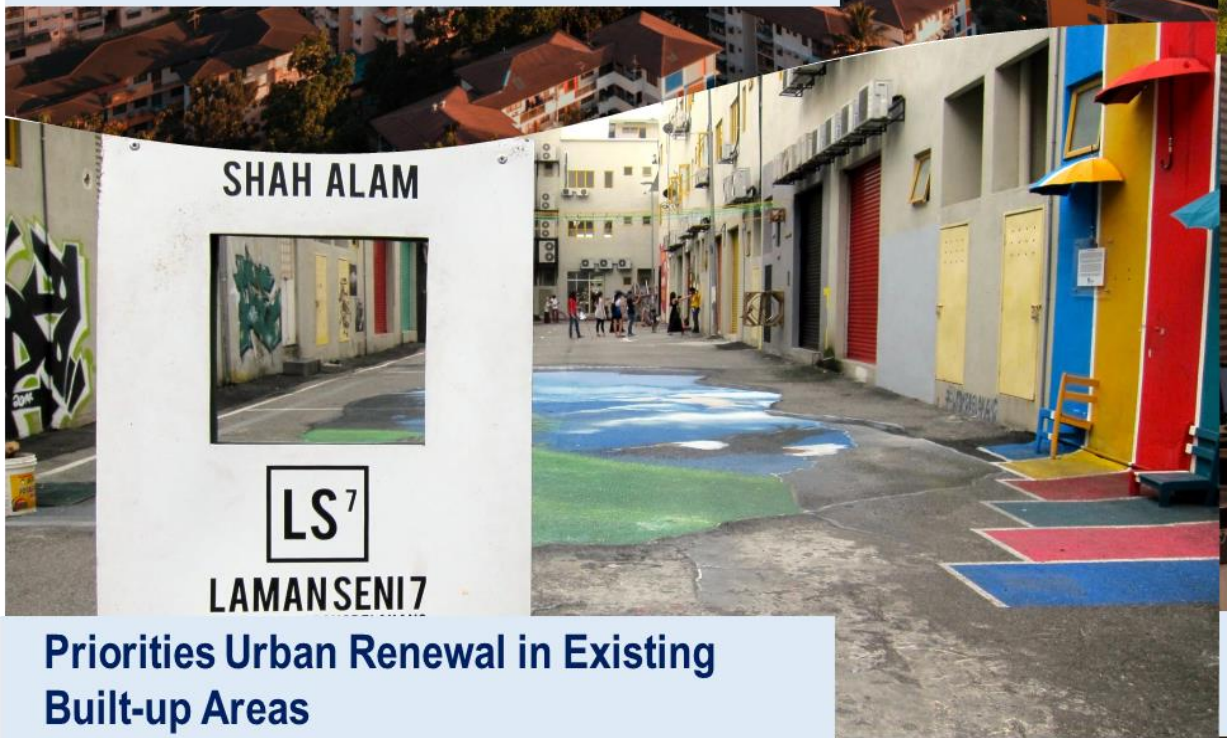
- Strengthening comprehensive smart city planning at the state, regional and local level based on the **Malaysia Smart City Framework.**
- Providing **smart-city related standards** to drive integrated and world-class smart city development.
- Prioritizing public-private partnership in smart-city development.

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

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

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

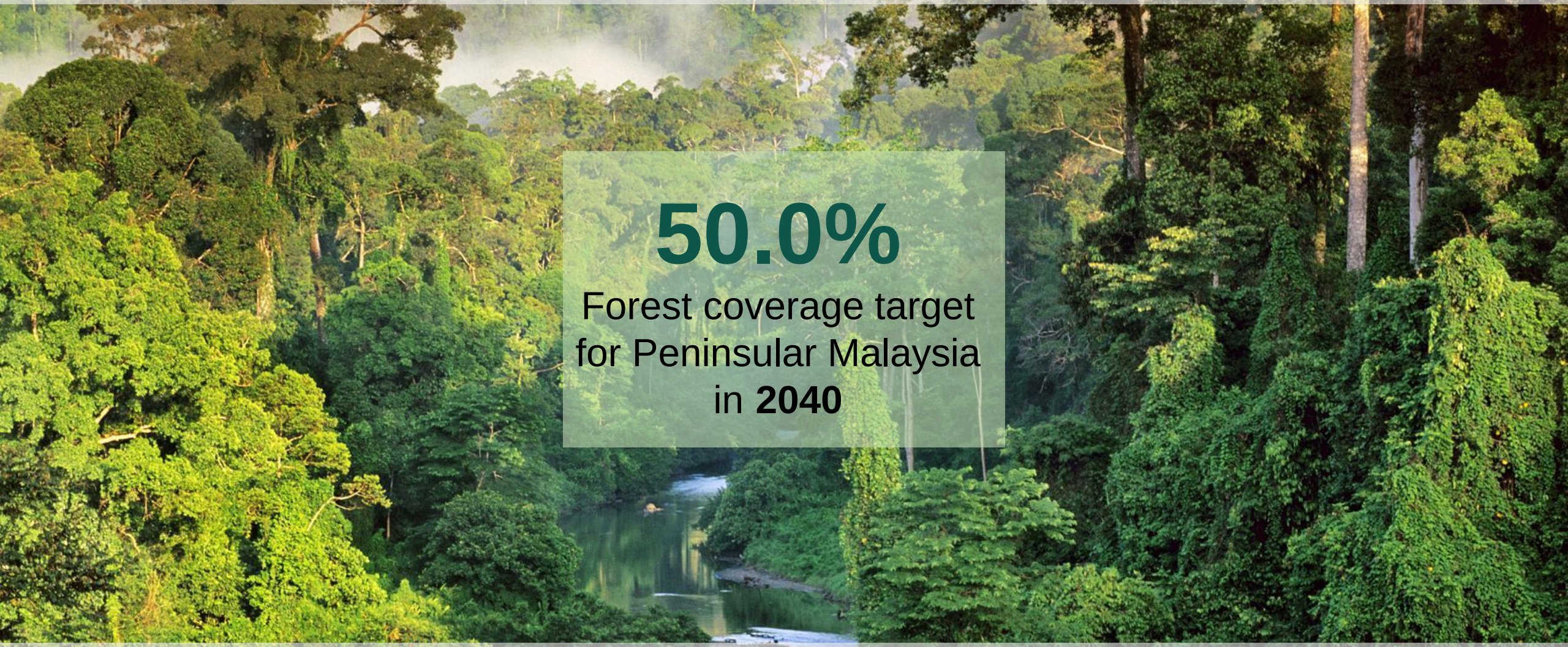
Minimise the impact of flood disasters on settlements and municipalities located in flood basin areas

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

Regulate development activities in landslide risk areas

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

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)

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

Strategy 7 Preserving Areas for National Food Security Guarantees

THE STRATEGIES:

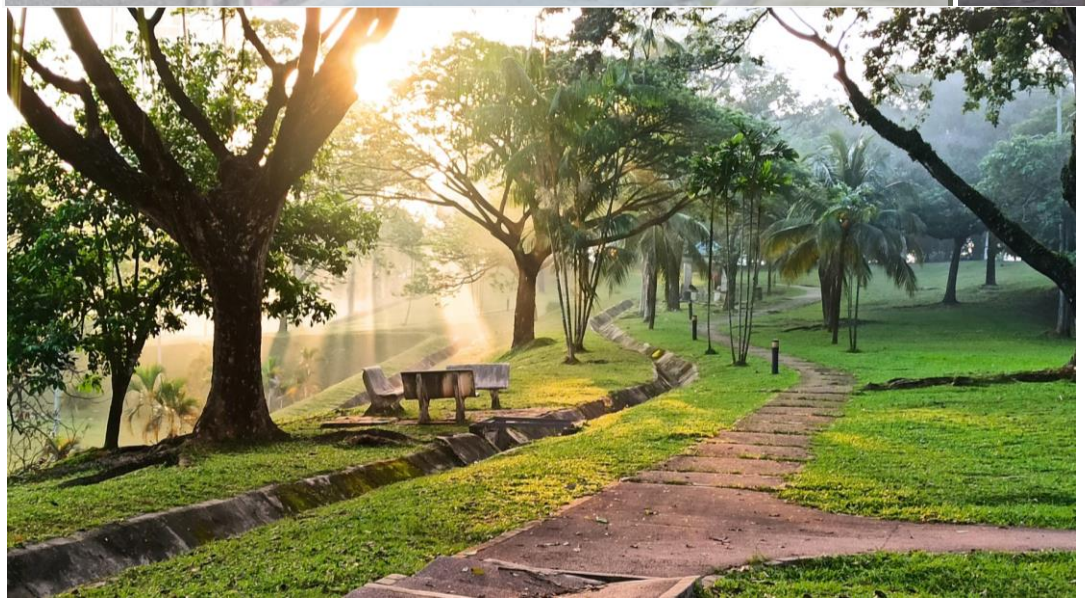
Ensuring **National Food Security** through:

- ✓ 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'

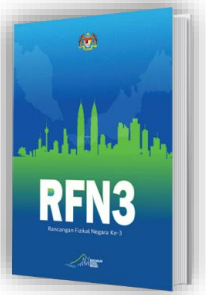
Strategy 9 Mainstream a Clean, Healthy and Safe Lifestyle in Planning and Development

Ensure a safe city community environment

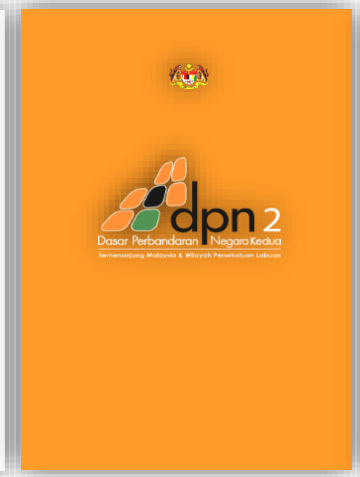
Increase the number of green areas and improve their function as a space for social interaction

Encourage Green practices in the community

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



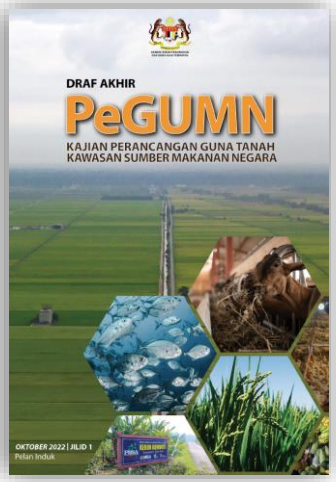
National Urbanisation Policy



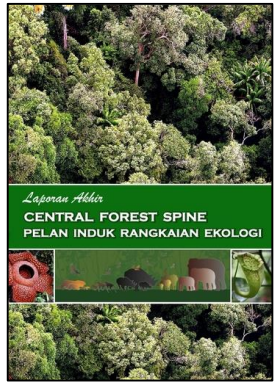
National Rural Spatial Planning Policy

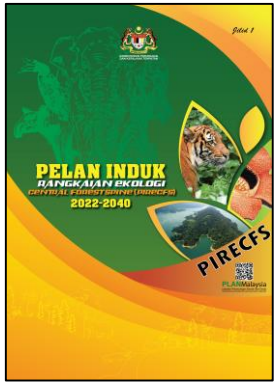
Establishment of Regional Planning Committees

To address and coordinate cross-boundary planning issues



Central Forest Spine Master Plan

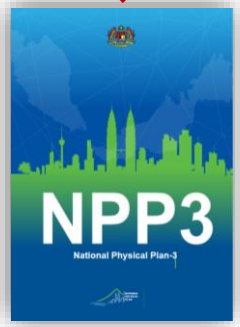




National Physical Plan on Coastal Zones

WORLD SUSTAINABLE DEVELEOPMENT AGENDA : "SUSTAINABLE EARTH" ➡ Monitoring sustainable development in cities ➡ Develop **Urban Observatory (UO)**

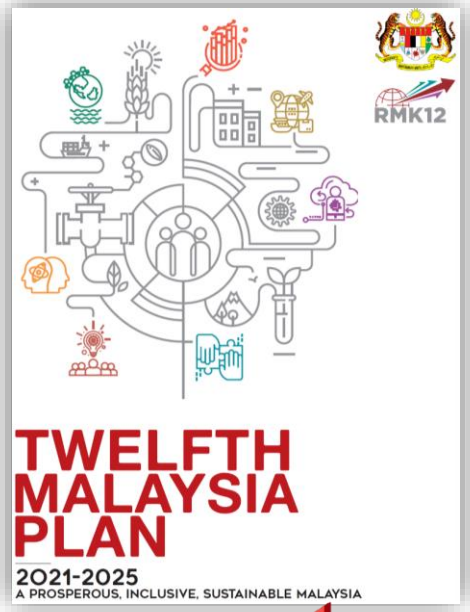
MUO SYSTEM IMPLEMENTATION FOR PHASE 1

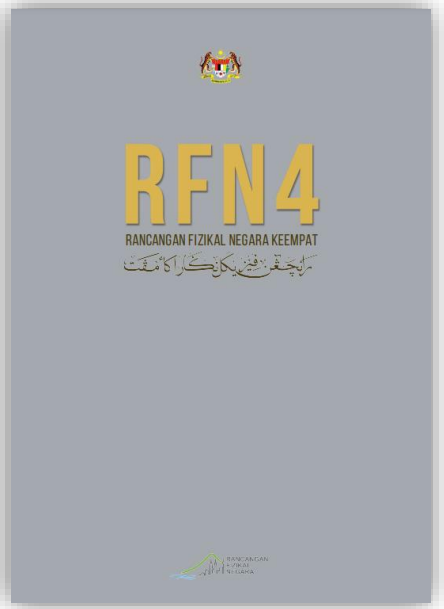


The Malaysia Urban Observatory (MUO) will introduced as a central database that uses **an Integrated Smart Information System** to support sustainable growth. The MUO also serves to monitor the implementation of the **NPP-3** and its related policies aimed at enhancing urban and regional development.

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



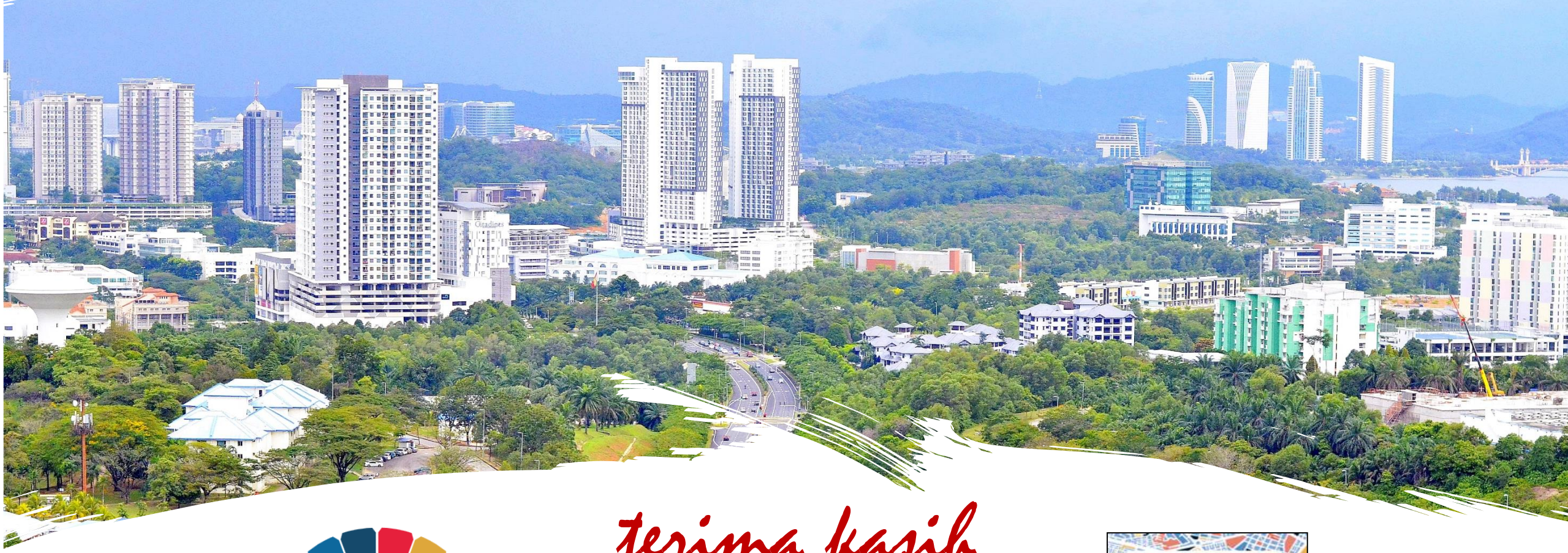


1. Strengthen the Function of Growth Areas
2. Ensure Housing Supply Matches Housing Needs
3. Ensure National Food Security
4. Implement Mitigation Efforts to Reduce the Risk of Natural Disasters and Climate Change
5. Ensure Comprehensive Implementation of Smart City Agenda
6. Prioritise Urban Renewal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

12TH MP : A Prosperous, Inclusive, Sustainable Malaysia

liveable malaysia

A Prosperous, Resilient and Liveable Nation



terima kasih

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PLANMalaysia SDGs

PLANMalaysia
Perancangan Melangkaui Kelaziman
Planning : Beyond Conventional