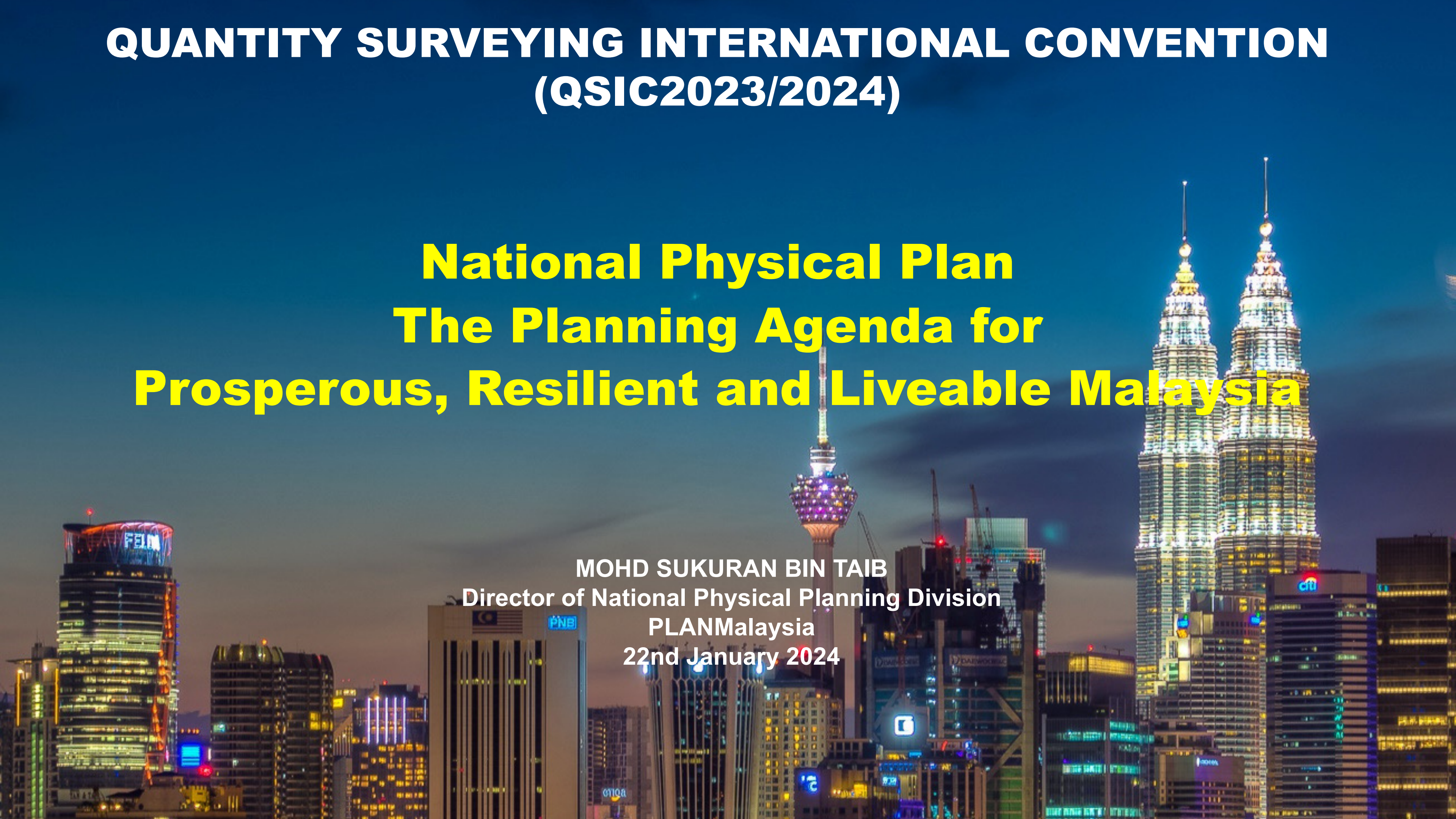


QUANTITY SURVEYING INTERNATIONAL CONVENTION (QSIC2023/2024)

National Physical Plan The Planning Agenda for Prosperous, Resilient and Liveable Malaysia

MOHD SUKURAN BIN TAIB
Director of National Physical Planning Division
PLANMalaysia
22nd January 2024

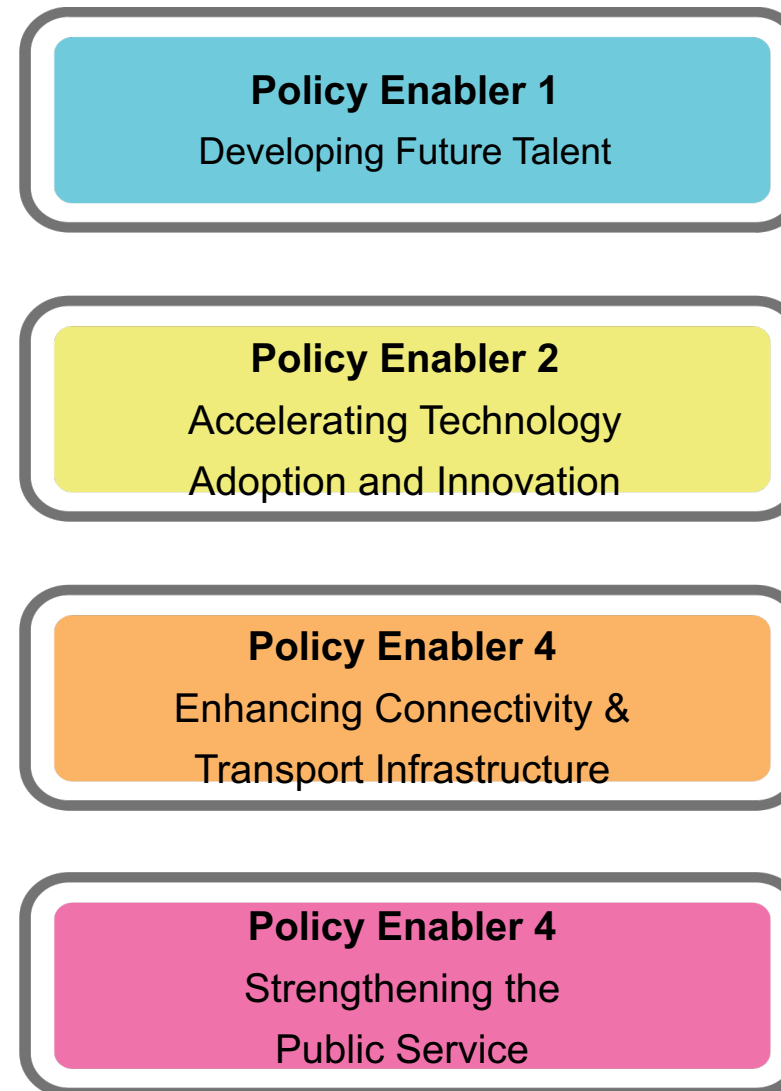


TWELFTH MALAYSIA PLAN VS NATIONAL PHYSICAL PLAN 4

Reviewed every five (5) years in tandem with the **5-Year Malaysian Plan**



A Prosperous, Inclusive, Sustainable Malaysia



A Prosperous, Resilient and Liveable Nation



NATIONAL DEVELOPMENT PLANNING FRAMEWORK: TOWARDS SUSTAINABILITY

PLANNING GOVERNANCE

FEDERAL

- MINISTRY OF HOUSING & LOCAL GOVERNMENT
- PLANMalaysia
- Federal Department and Agencies

REGIONAL / STATE

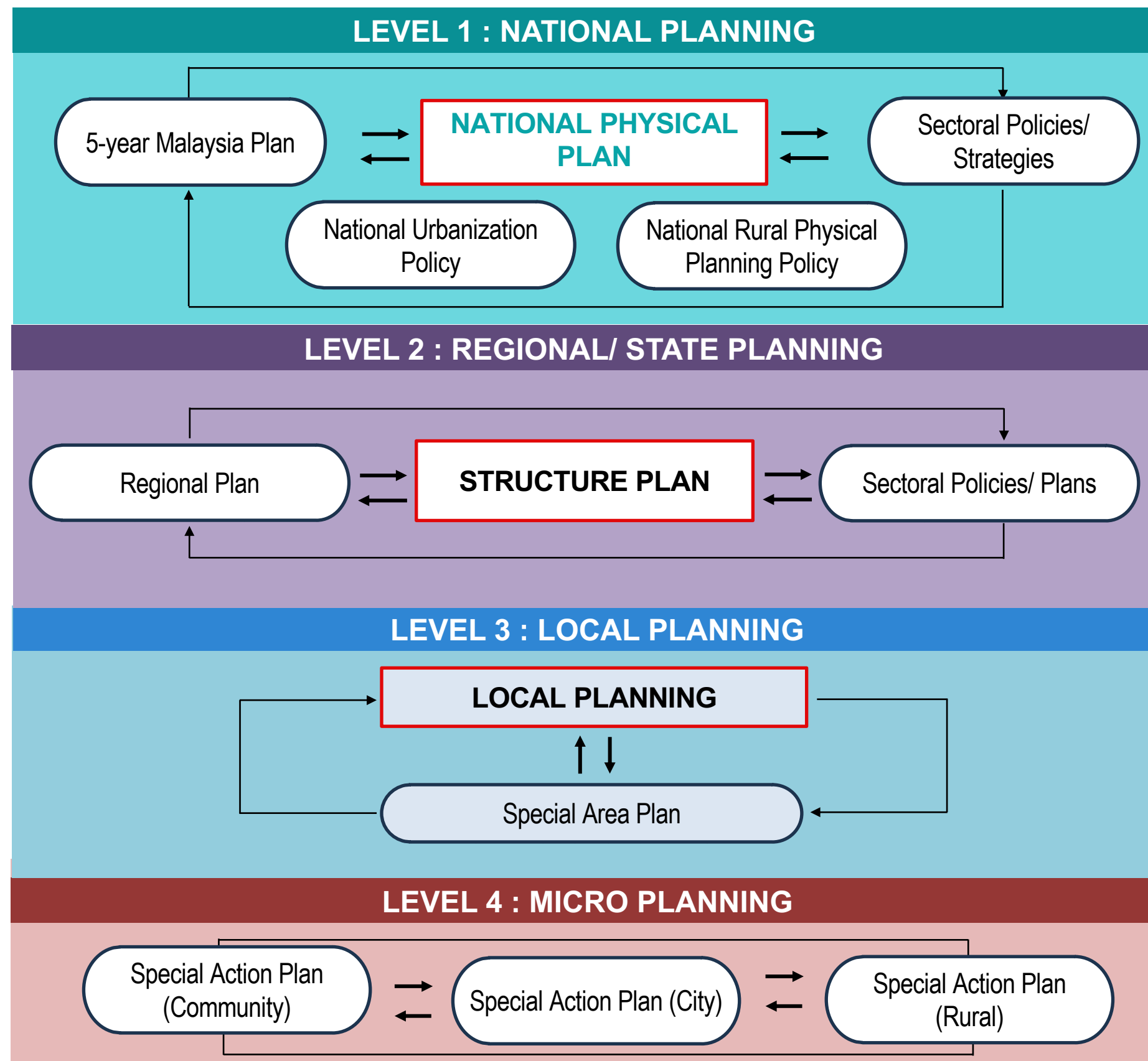
- STATE GOVERNMENT
- PLANMalaysia@States -11 States in Peninsular Malaysia

LOCAL

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

MICRO

- COMMUNITY BASED PLANNING
- Specific sites and solutions to local/ community/ stakeholder issues and problems



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

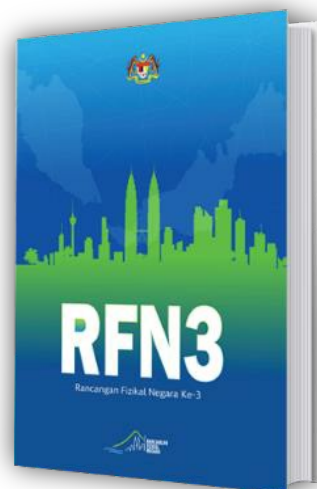
Prepared under the provision of subsection 6B(1) Town and Country Planning Act 1976 [Act 172]



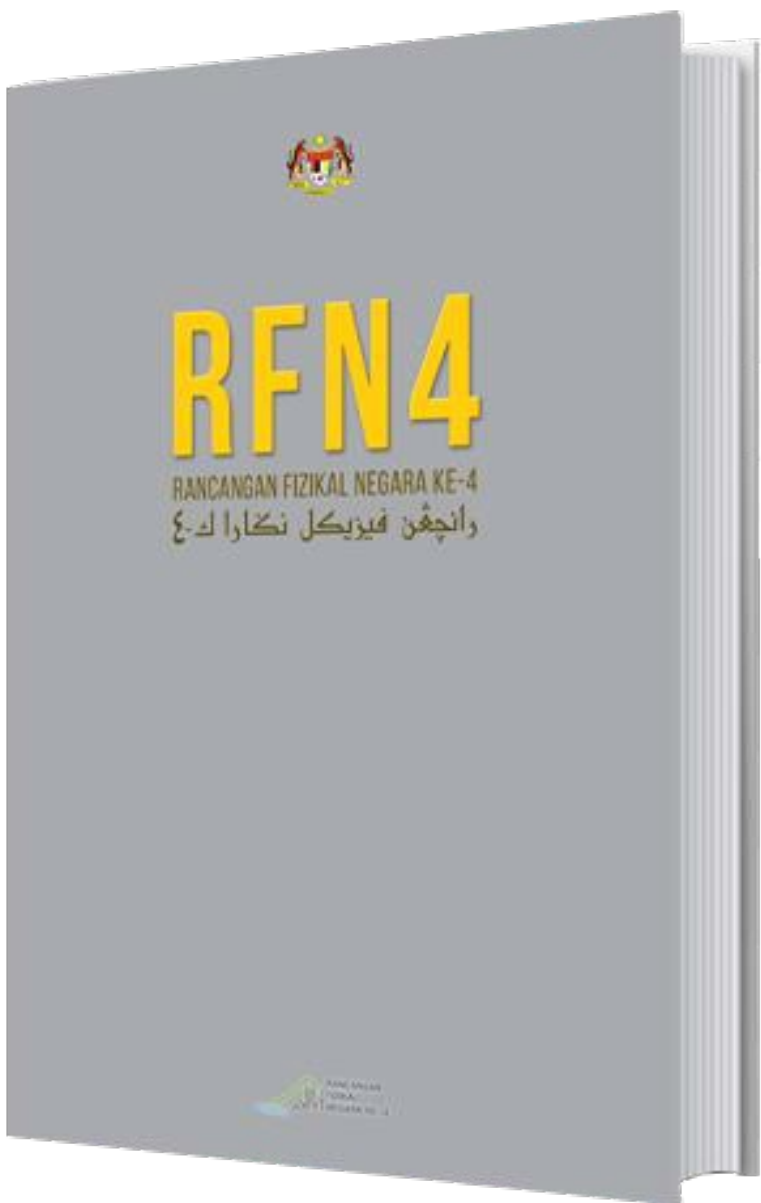
2006 - 2010



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

Aspects that have been strengthened in NPP4



National Security Planning

RMK12 Chapter 4
Enhancing Defence, Security,
Wellbeing and Unity

RANCANGAN FIZIKAL NEGARA
DG 1.2
Strengthen National Security
Planning



Towards Carbon Neutral Nation

RMK12 Chapter 8
Advancing Green Growth for
Sustainability and Resilience

RANCANGAN FIZIKAL NEGARA
SR 3.1
Expand the Implementation of the Low
Carbon Cities Framework



Improvement of Physical Infrastructure

RMK12 Chapter 11
Boosting Digitalisation and
Advanced Technology

RANCANGAN FIZIKAL NEGARA
DG 4.1
Ensure Development of
Infrastructure Towards a Smart
Nation



National Food Security Guarantees

RMK12 Chapter 8
Strengthening Macroeconomic
Fundamentals

RANCANGAN FIZIKAL NEGARA
SR 2.5
Ensure National Food Security



Liveable Environment and Inclusive
Community

RMK12 Chapter 4
Enhancing Defence, Security,
Wellbeing and Unity

RANCANGAN FIZIKAL NEGARA
CI 3
Conducive and Liveable
Environment

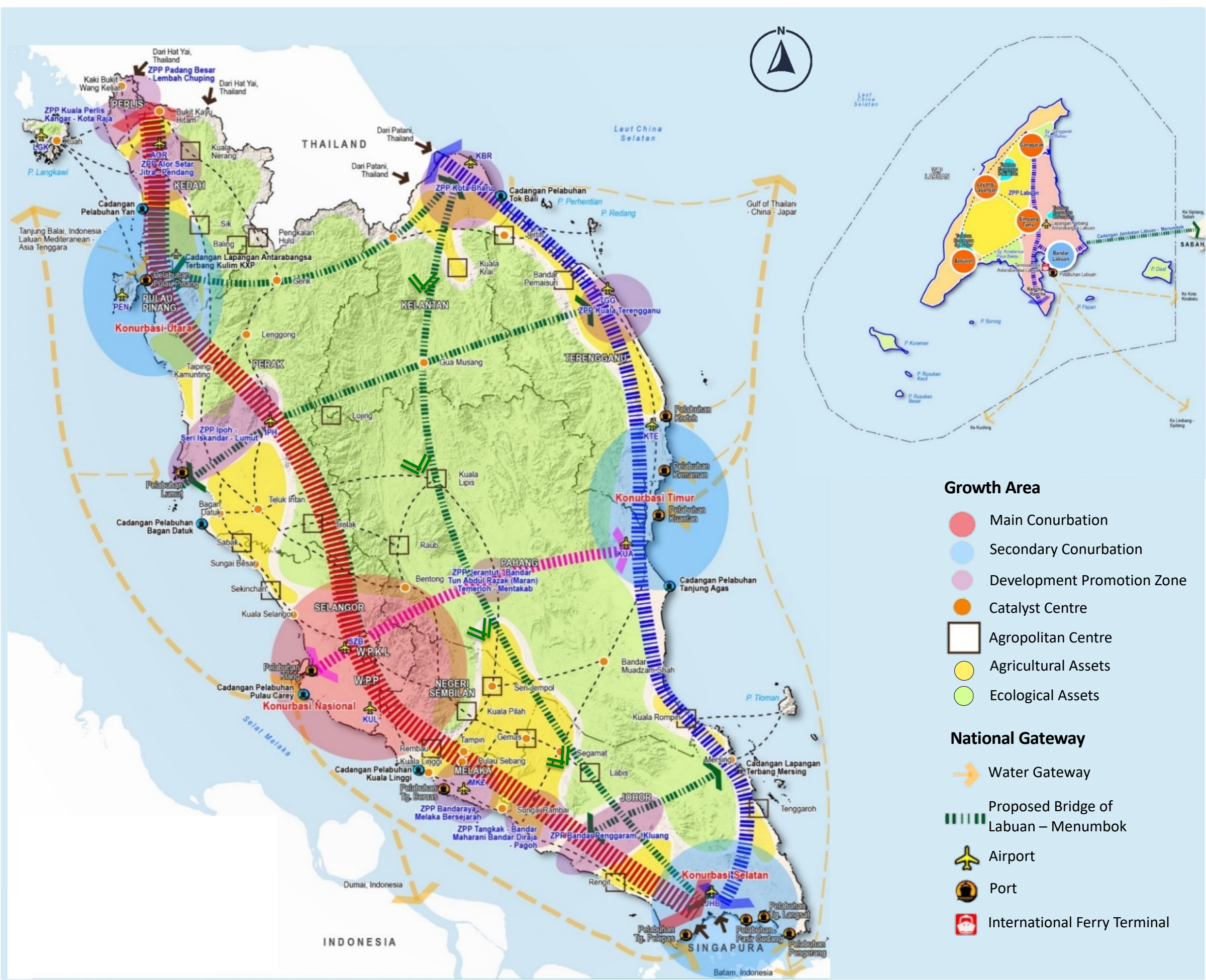


Smart Growth Development

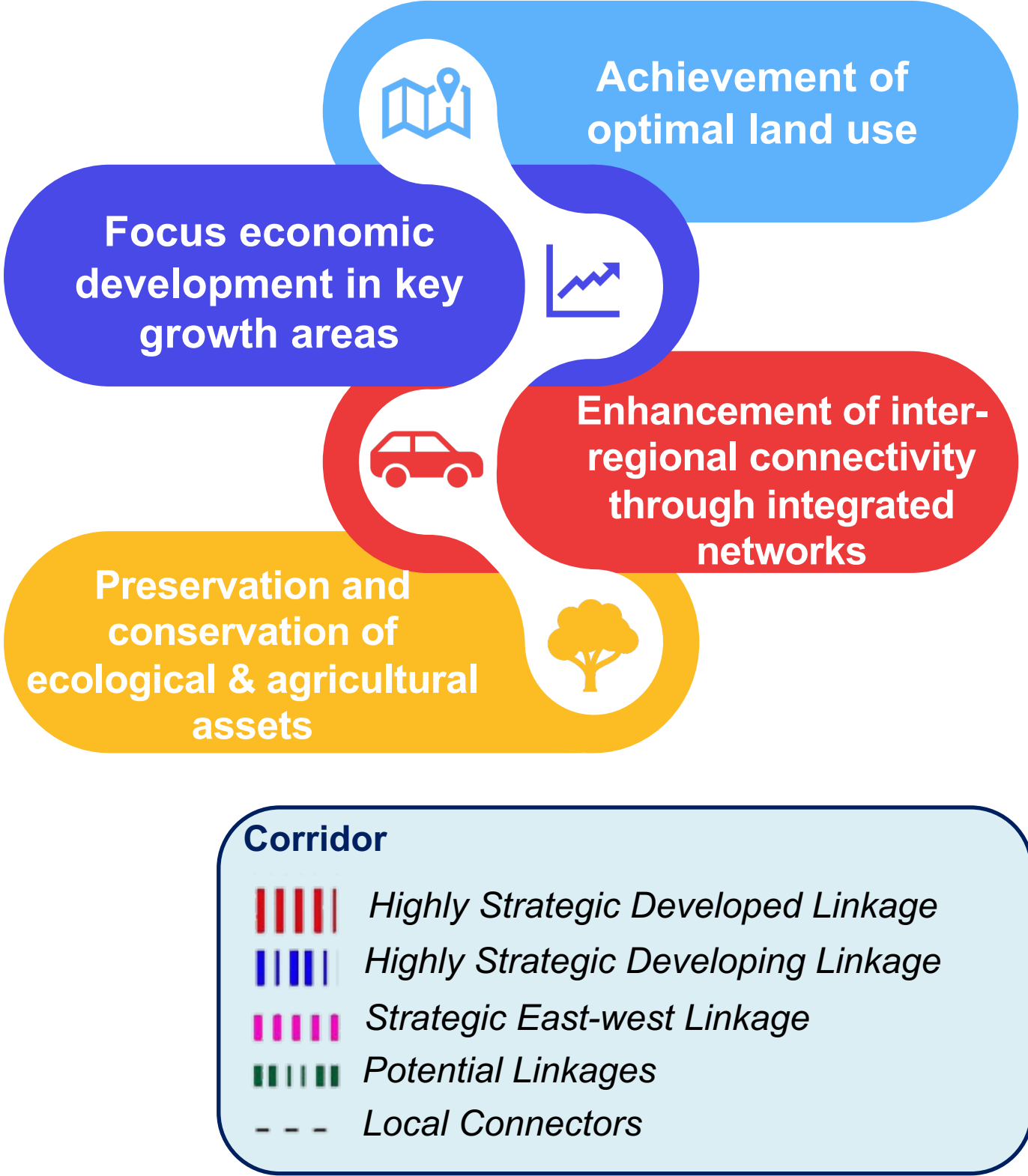
RMK12 Chapter 8
Advancing Green Growth for
Sustainability and Resilience

RANCANGAN FIZIKAL NEGARA
SR 1.1
Optimal Land Development
Planning

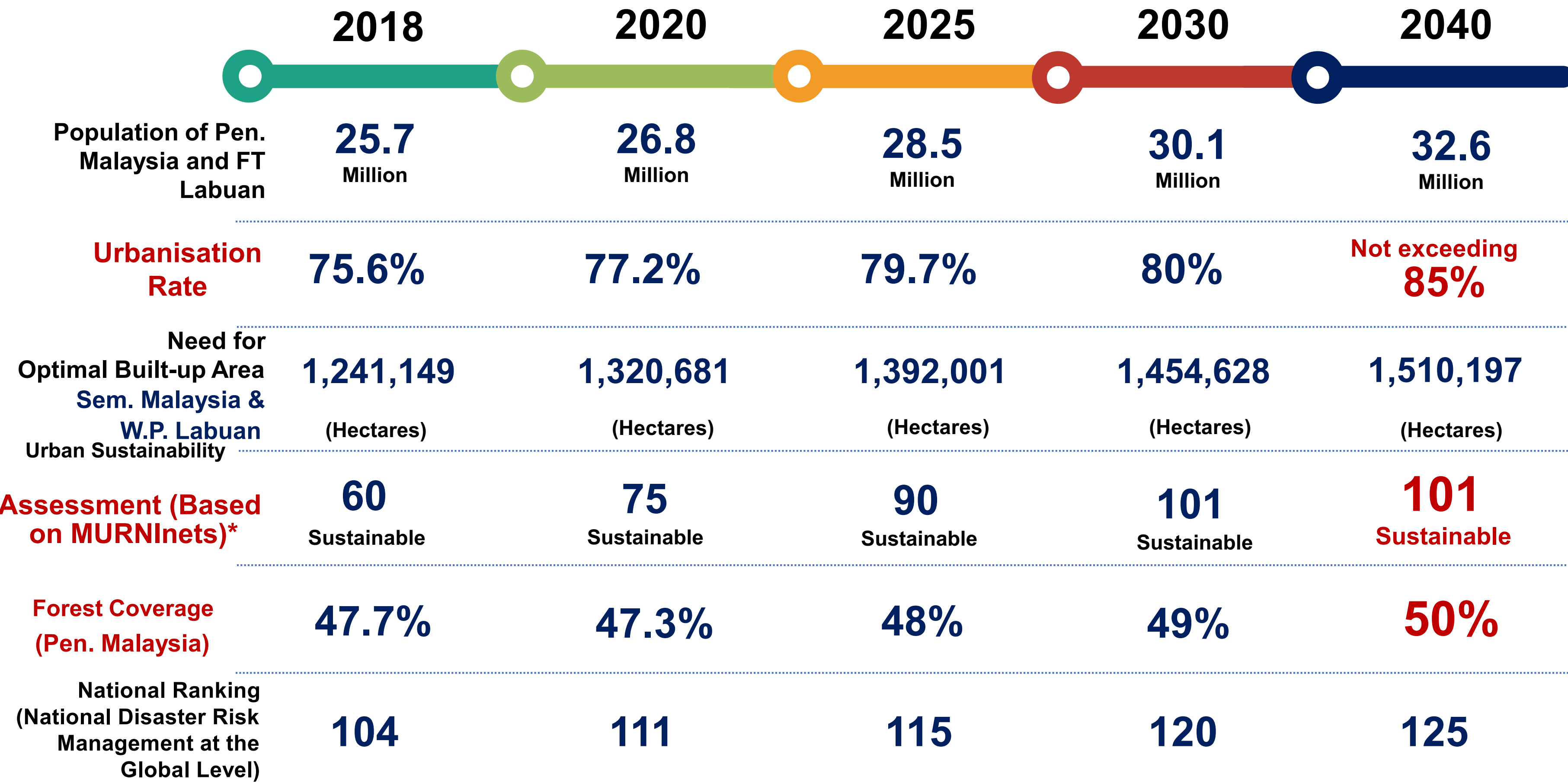
THE STRATEGIC CONCEPT : Shaping The Development Landscape



COMPREHENSIVE SPATIAL ECOSYSTEM (CSES)

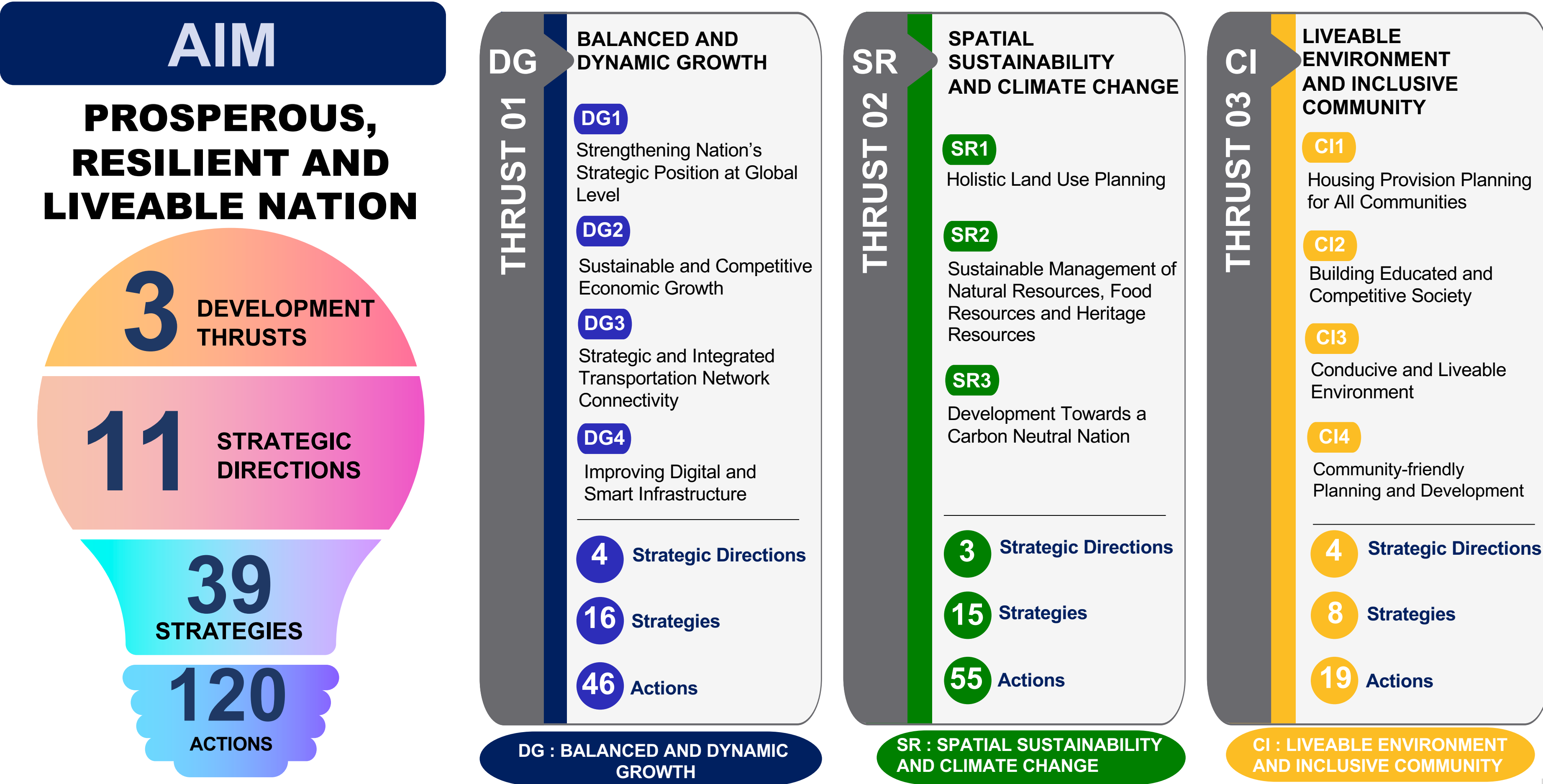


NPP4 : Development Targets



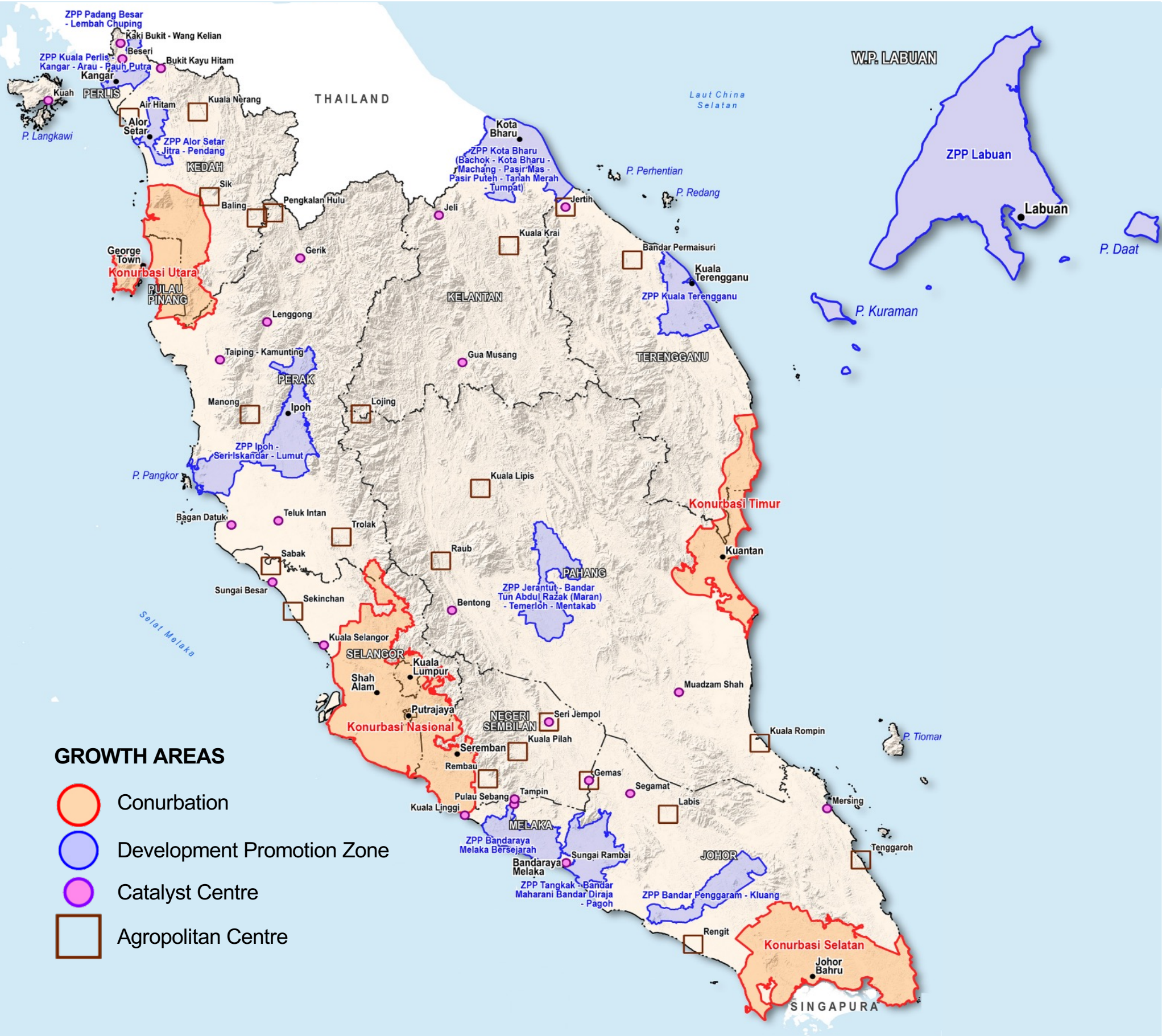
*For 101 Local Authorities

NPP4 STRUCTURE : Formation of Thrusts, Strategic Directions and Strategies



Looking Ahead to ‘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.



Looking Ahead to ‘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



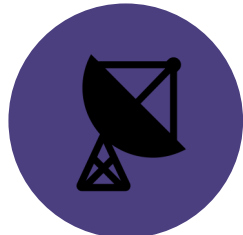
Looking Ahead to 'A Prosperous, Resilient and Liveable Nation'

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



Looking Ahead to '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

Looking Ahead to ‘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



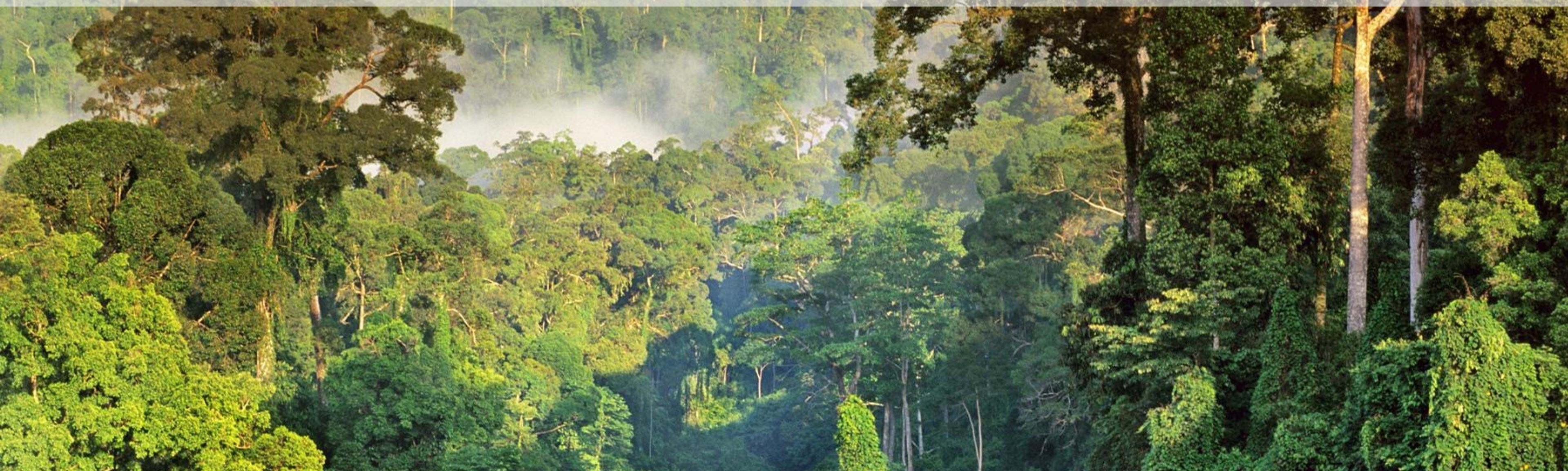
Improve resilience and readiness for natural disaster and the threat of climate change



Regulate development activities in landslide risk areas

Looking Ahead to 'A Prosperous, Resilient and Liveable Nation'

Strategy 6 : Preserving and Conserving the Ecological Assets



50.0 % Forest coverage target for Peninsular Malaysia in 2040

47.3% Forest coverage in 2018 (source: I-PLAN)

4.812 million hectares Permanent Forest Reserves (2019; Forestry Department)



Looking Ahead to '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



Looking Ahead to ‘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

Looking Ahead to ‘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



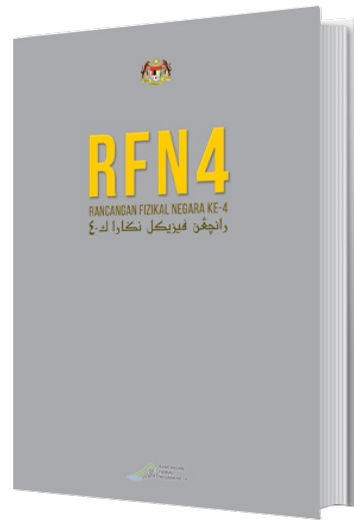
Increase the number of green areas and improve their function as a space for social interaction



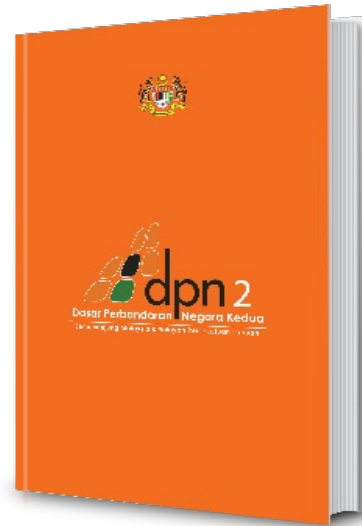
Encourage Green practices in the community

SPATIAL PLANNING INITIATIVES

National Development Plan



National Physical Plan 4

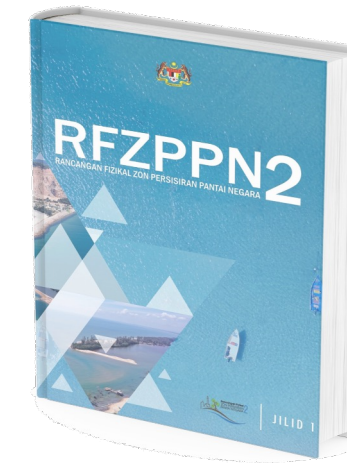


National Urban Policy 2



National Rural Physical Planning Plan 2030

Regional & Territorial Planning



2nd National Coastal Zone
Physical Plan (RPP-2)



Master Plan For Ecological
Linkages Central Forest
Spine (PIRECFS)

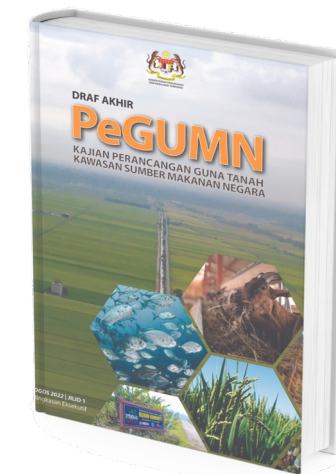
Development Plan



- 12 State Structure Plans are gazetted (including Kuala Lumpur Federal Territories)
- 116 Local Plans are gazetted



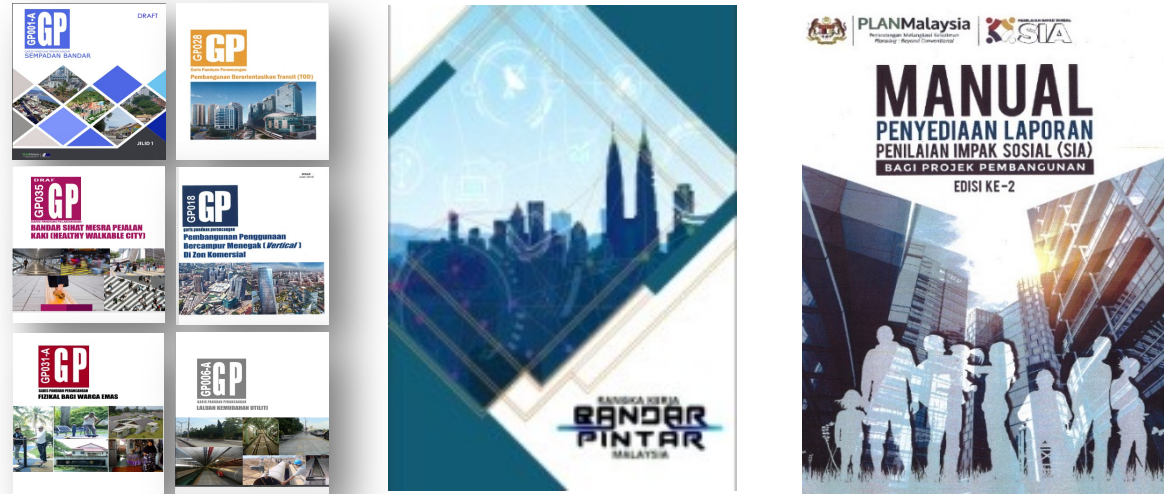
East Coast Rail Link (ECRL)
Integrated Land Use
Master Plan



Study on Land Use Planning
For National Food Production
Areas (PeGUMN)

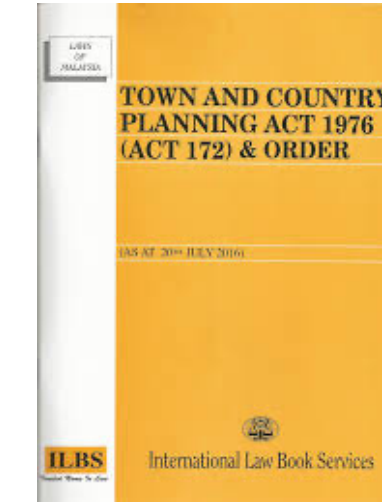
SPATIAL PLANNING INITIATIVES

Planning Research & Guidelines



- 35 Planning Guidelines published
- Smart City Framework
- Manual on Social Impact Assessment (2nd Edition)

Planning Legislations & Administration



- Act 172
- National Physical Planning Council (NPPC)
- State Planning Committee (SPC)
- Appeal Board

Planning Information System, Decision Support System Towards Big Data





terima kasih



PLANMalaysia
Perancangan Melangkaui Kelaziman
Planning : Beyond Conventional

