



PLANMalaysia
Perancangan Melangkaui Kelaziman
Planning : Beyond Conventional



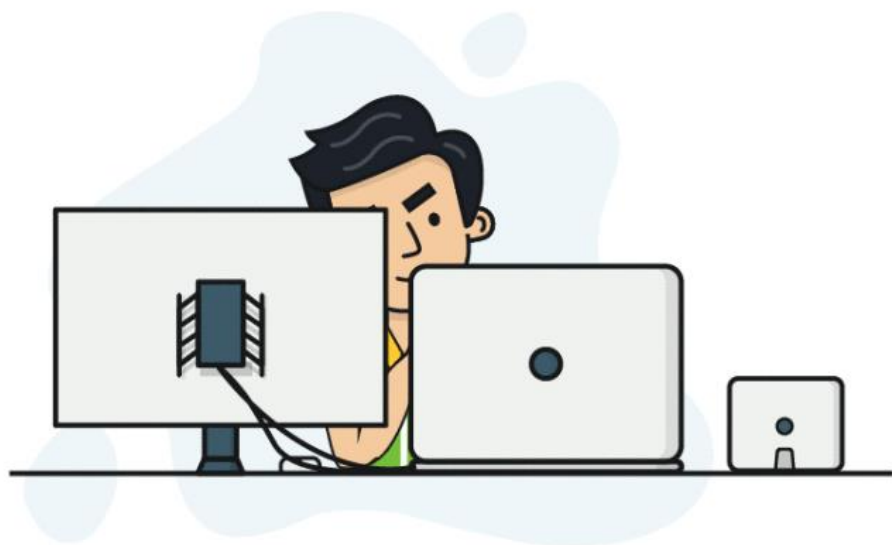
Malaysia Low Carbon Cities Conference 2021 (MyL3C)
Low Carbon Cities Policy And Urban Planning – Potential And Future Prospects

ROLE OF **PLAN**Malaysia TOWARDS SPURRING LOW CARBON CITY IN MALAYSIA

13th July 2021

Datuk TPr Mohd Faidzal bin Hamzah
Deputy Director General (Planning)
PLANMalaysia

CONTENT



- **Overview of Land Use and Spatial Planning in Malaysia.**
- **PLANMalaysia Commitment in Low Carbon City Development.**
- **Way Forward of Low Carbon City Planning in Malaysia.**

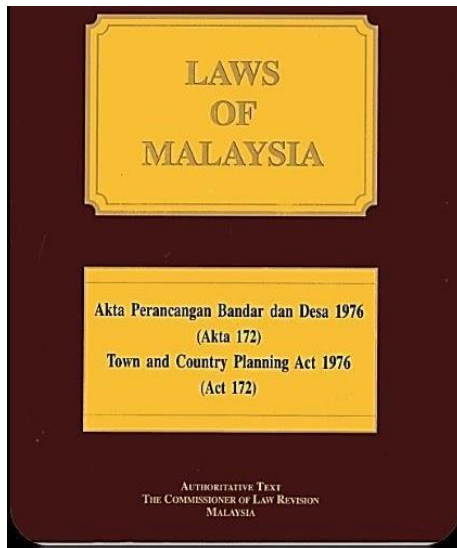


Overview of Land Use and Spatial Planning in Malaysia

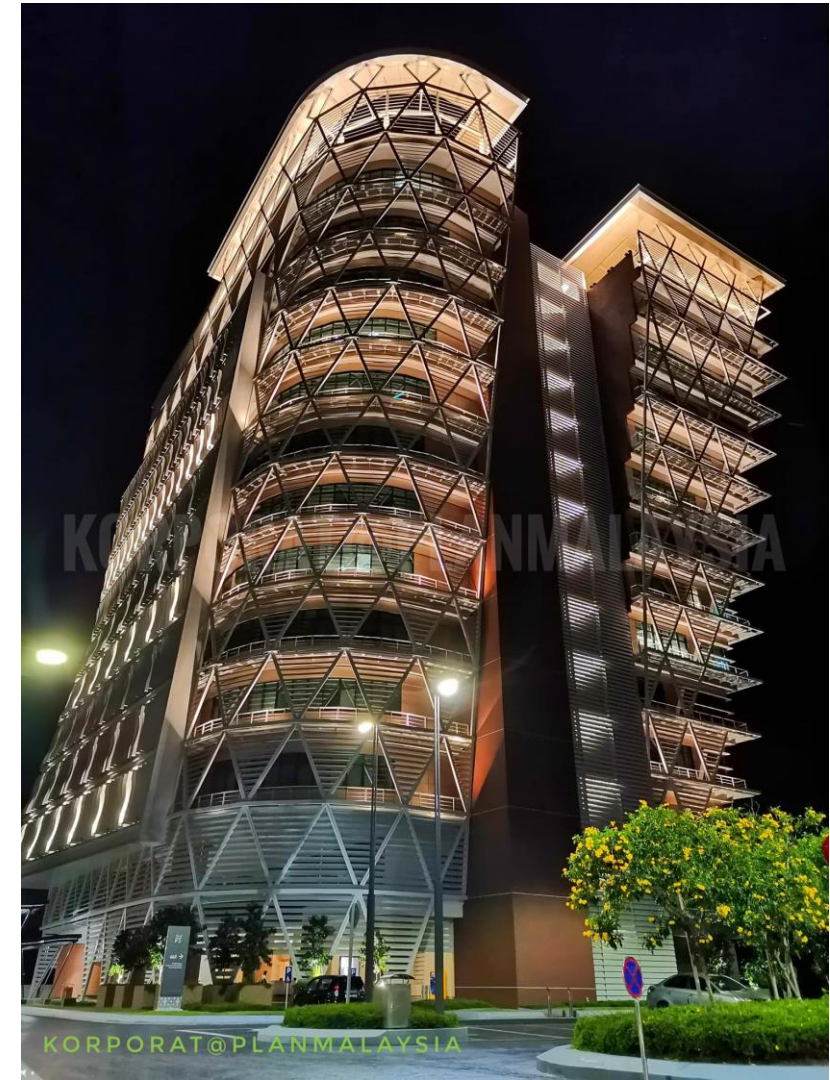


PLAN Malaysia in BRIEF

- **PLAN**Malaysia (Dept. of Town and Country Planning) is under Ministry of Housing and Local Government.
- A leading agency in spearheading spatial and land use planning matters and practices.
- Plays a role through its functions at three levels of the government: federal, state and local.

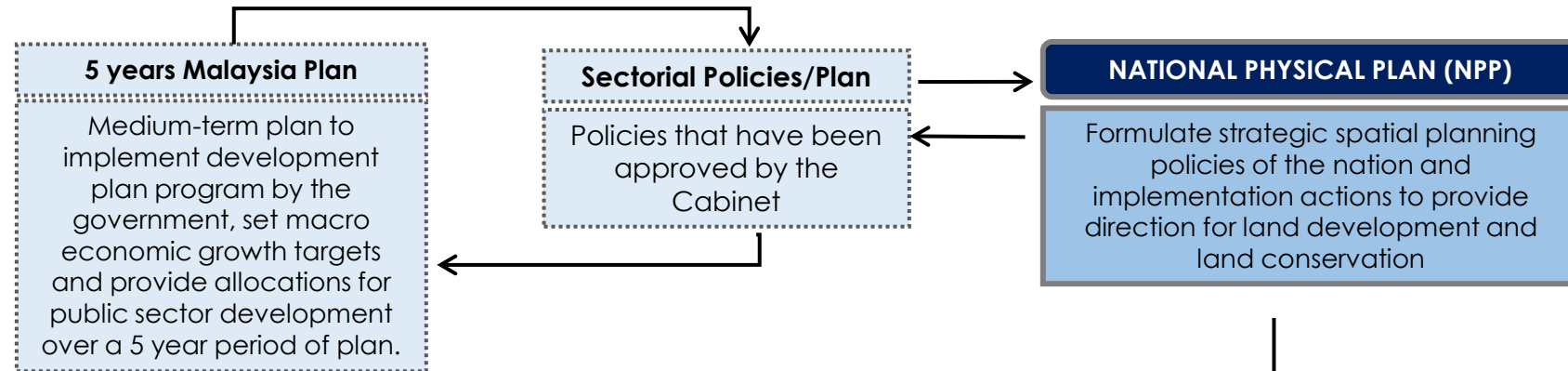


- Town & Country Planning Act, 1976 (Act 172) – ensure uniformity of laws and regulations relating to urban planning in Peninsular Malaysia.

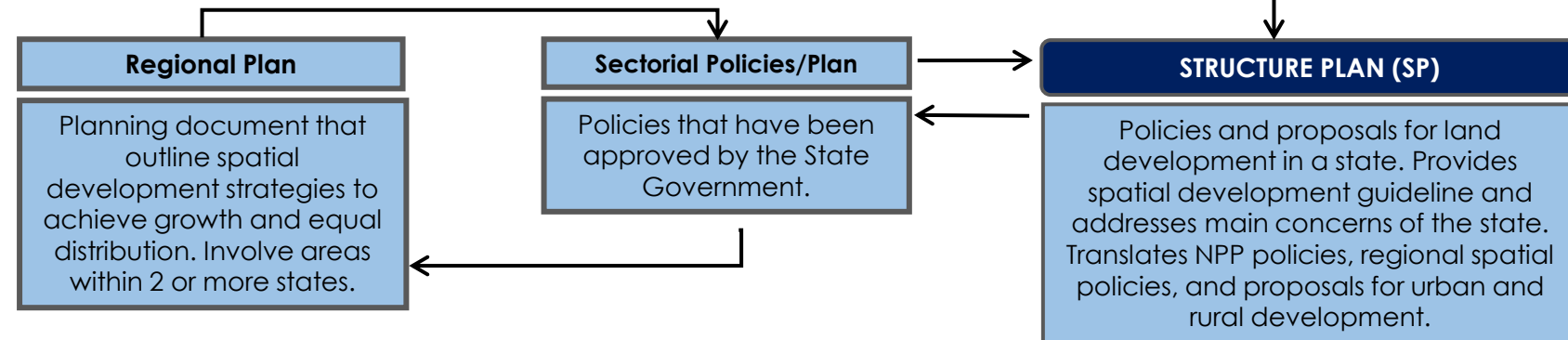


NATIONAL DEVELOPMENT PLAN FRAMEWORK

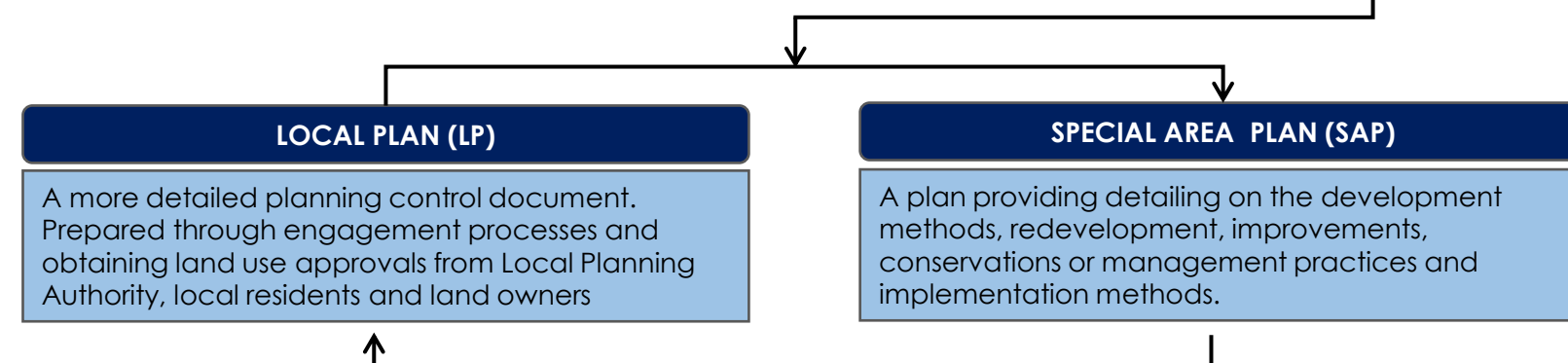
STAGE 1: NATIONAL PLANNING



STAGE 2: STATE LEVEL



STAGE 3: LOCAL LEVEL

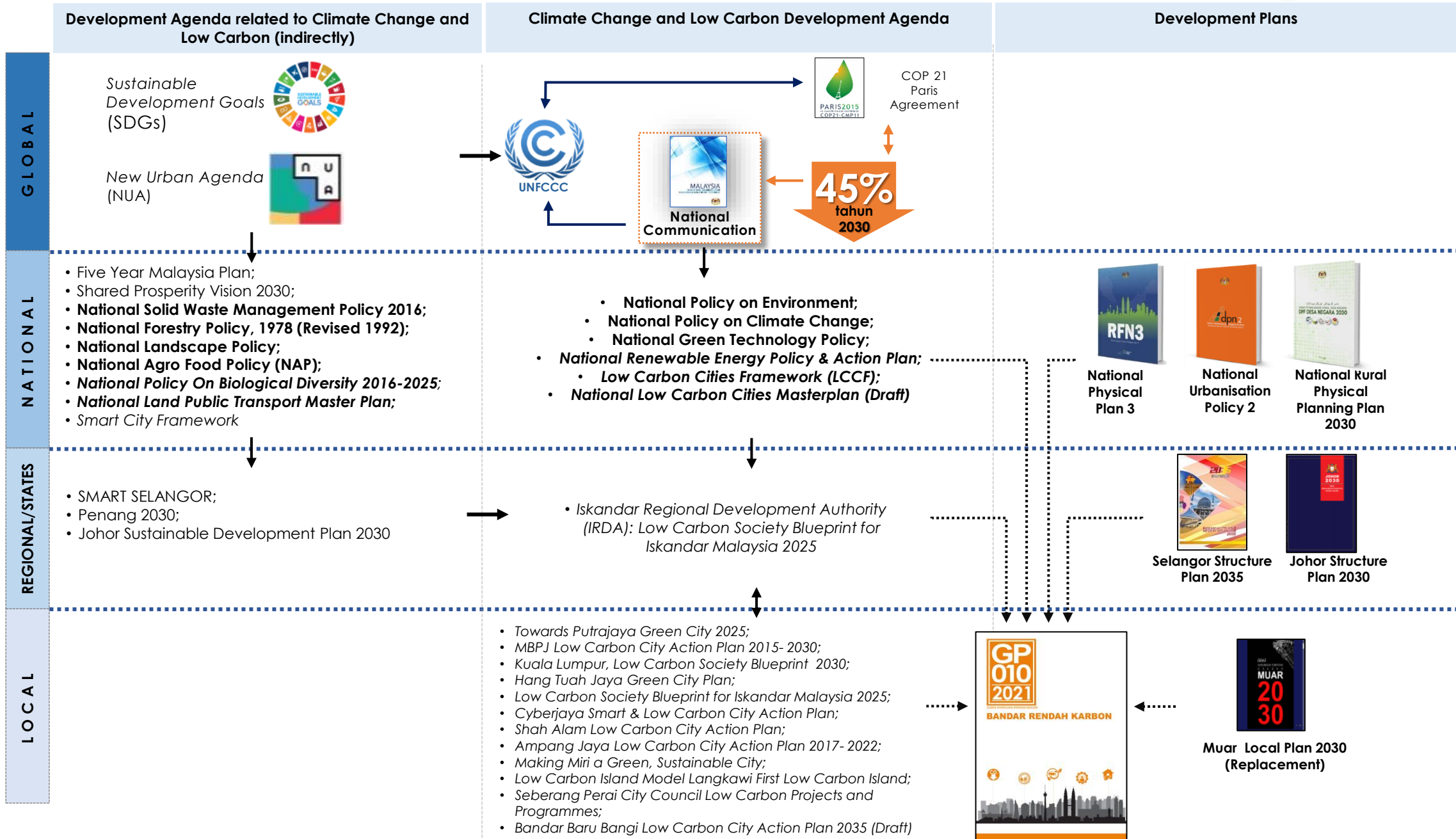




PLANMalaysia Commitment in the Development of the Low Carbon City



MALAYSIA COMMITMENT TOWARDS LOW CARBON CITIES



NATIONAL PHYSICAL PLAN



National Physical Plan 3 (NPP3)

NPP-3 emphasis on sustainable development and planning as a key principle in achieving a resilient and liveable nation in 2040. The physical and spatial planning will lead to the inclusion of the main focus of Growth, Resiliency, Liveability and Sustainability.

GOAL

Achieving a resilient and liveable nation

Thrust 2 : Spatial Sustainability And Climate Change Resiliency

SR3: Sustainable infrastructure and low carbon cities

- SR3.1 : Creating Cities and Low Carbon Development
- SR3.2 : Realizing the Use of Sustainable Energy Sources
- SR3.4 : Developing Low Carbon Mobility
- SR3.5 : Strengthen Integrated and Sustainable Solid Waste Management

NATIONAL URBANISATION POLICY

The NUP will guide and coordinate the planning and urban development of the country to be more efficient and systematic.

NUP-2 : Principle 5- Green Development

Objective 5.1:

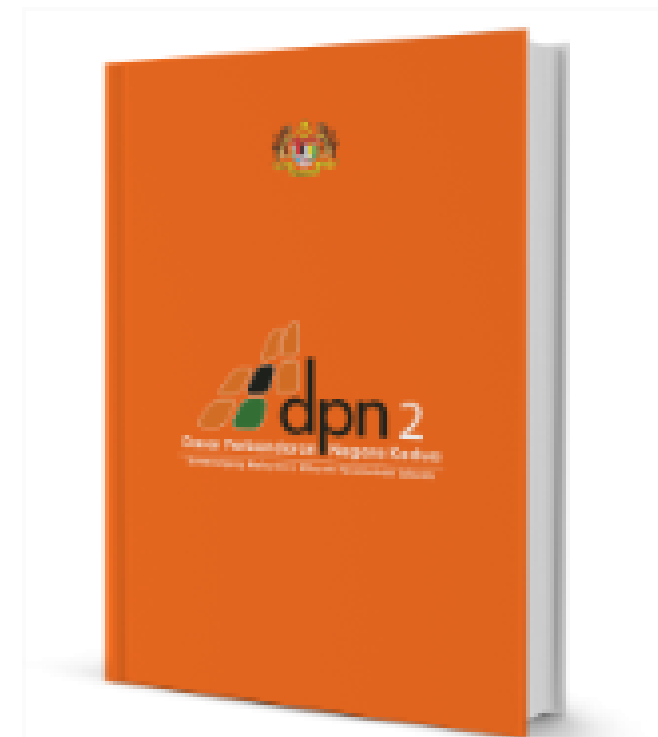
Application of green elements in urban development

Objective 5.2:

More efficient and sustainable use of energy

Objective 5.6:

Increase the size and quality of green areas

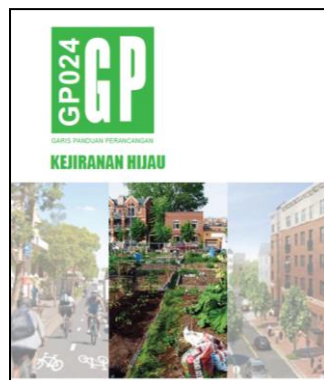


National Urbanisation Policy 2

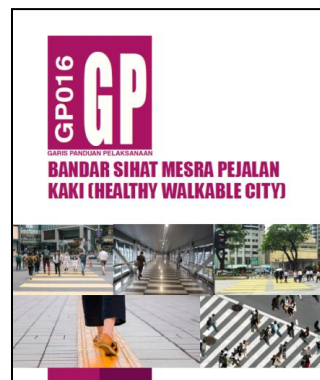
Milestone of PLANMalaysia's Involvement in Low Carbon City Development



INCORPORATING LOW CARBON STRATEGIES THROUGH PLANNING GUIDELINES



Green Neighbourhood Planning Guideline



Healthy Walkable City Planning Guideline



Transit Oriented Development Planning Guideline



Brownfield Redevelopment Planning Guideline



Conservation And Development Of Environmentally Sensitive Areas Planning Guideline



Disaster Resilient Cities in Malaysia Planning Guideline

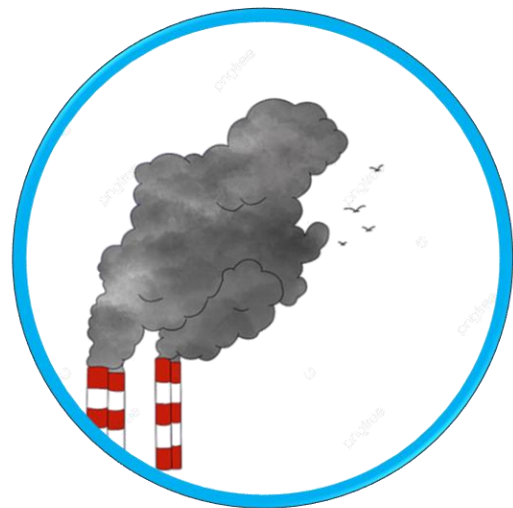


The Way Forward for Low Carbon City Planning in Malaysia.



PLANNING: BEYOND COVENTIONAL

Strategies In Facing The Challenges Of Changing Climate



MITIGATION

Reduce **GHG** emission

keyword: low carbon



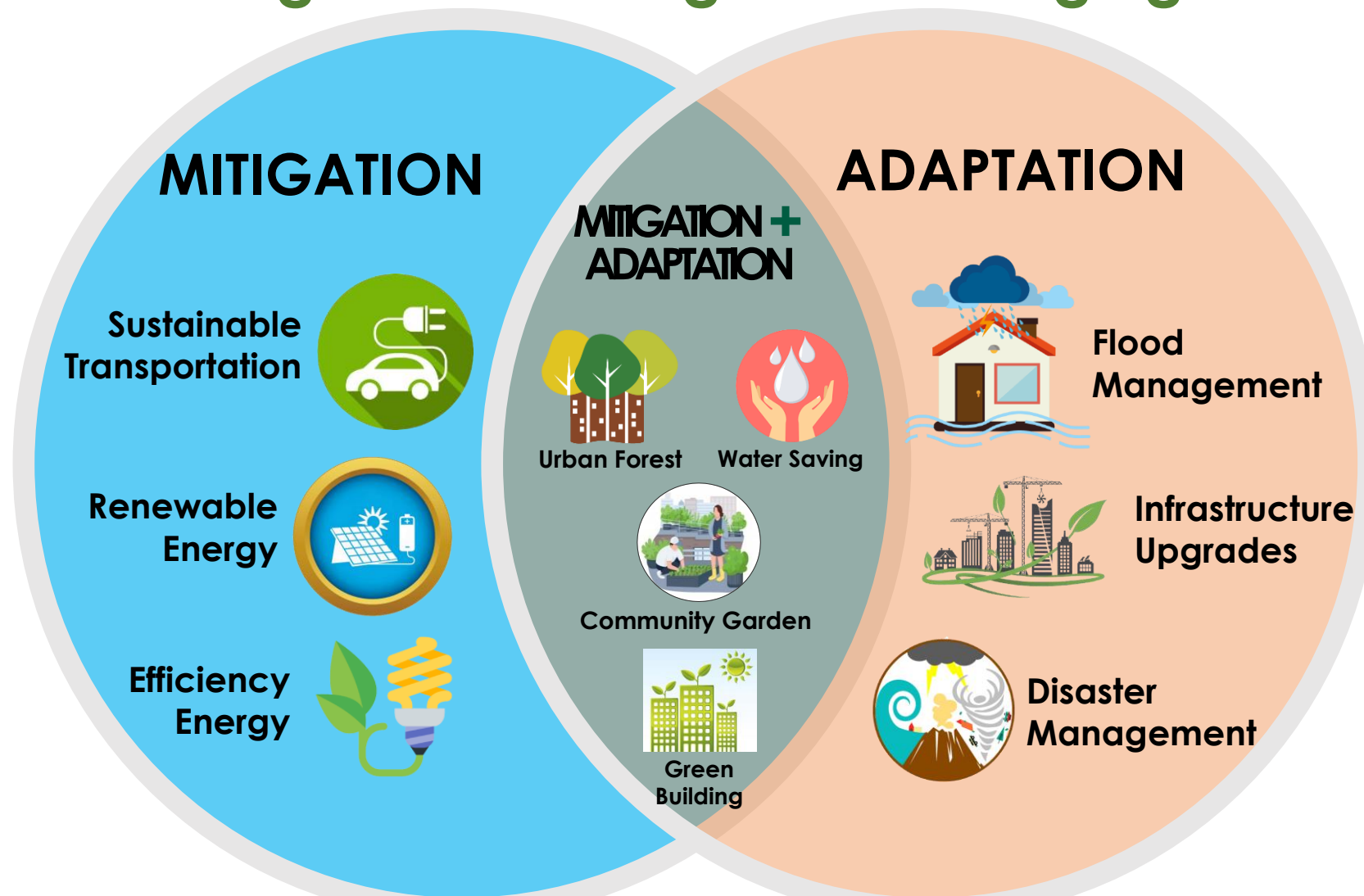
ADAPTATION

The process of adapting to climate change and climate impacts

keyword: climate resilience

PLANNING: BEYOND COVENTIONAL

Strategies In Facing The Challenges Of Changing Climate



EXAMPLES OF **MITIGATION** AND **ADAPTATION**

PLANNING: BEYOND COVENTIONAL SMART CITY INITIATIVE

SMART ENVIRONMENT



SMART ENVIRONMENT



SMART LIVING



SMART PEOPLE



SMART ECONOMY



SMART DIGITAL INFRA

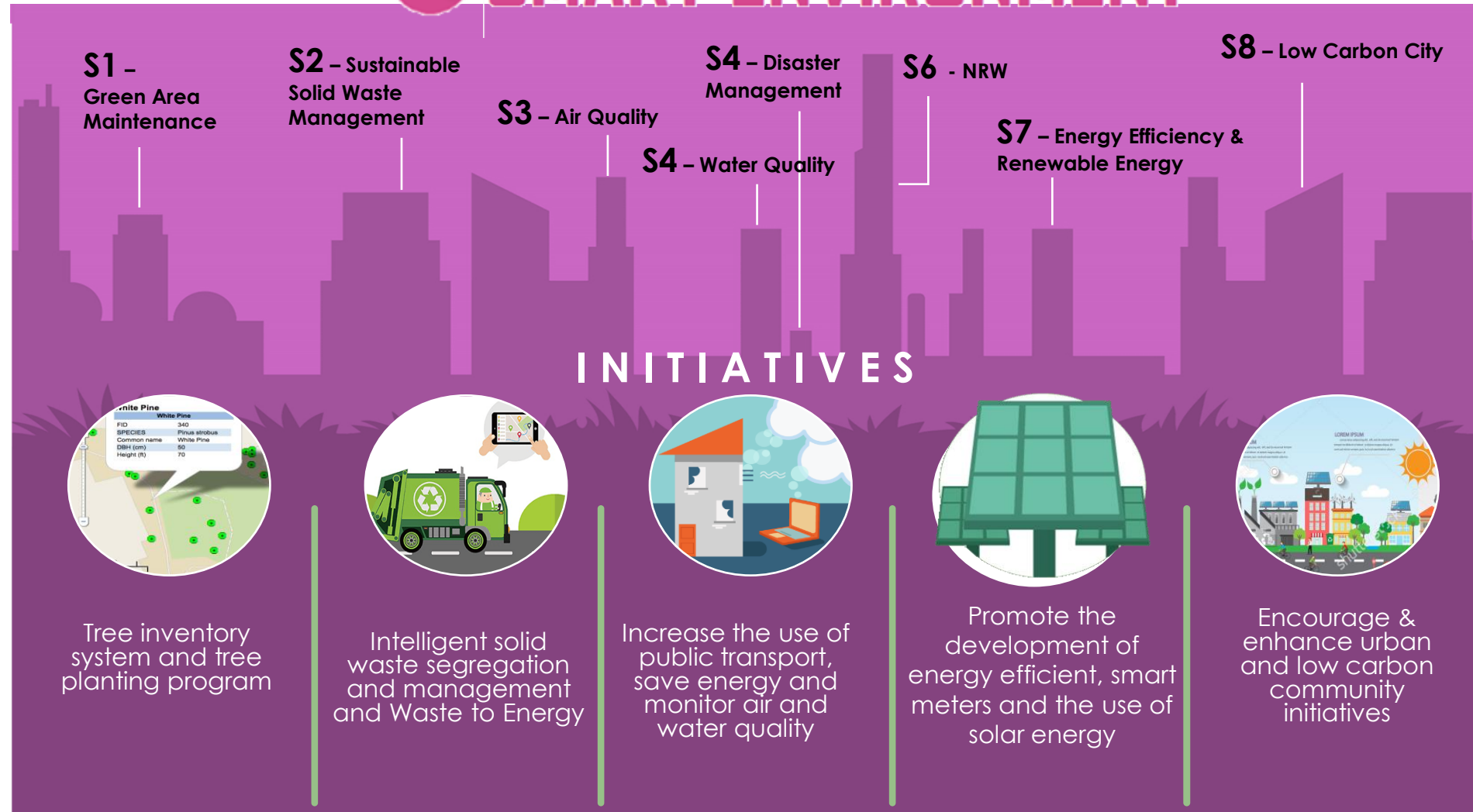


SMART MOBILITY



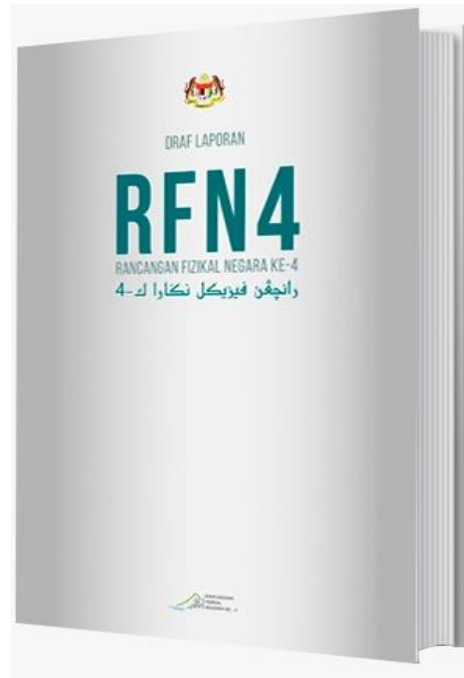
SMART GOVERNMENT

7 SMART CITY COMPONENTS

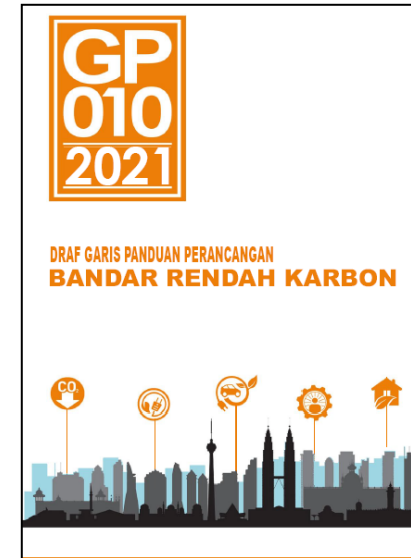


PLANNING: BEYOND COVENTIONAL

Continue to Strengthen the Role of Town Planning in Developing Low Carbon Cities



**National Physical
Plan 4**



**Low Carbon City
Planning Guideline**



**THANK YOU FOR YOUR
KIND ATTENTION**




PLANMalaysia
Perancangan Melangkaui Kelaziman
Planning - Beyond Conventional



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