

MALAYSIAN INITIATIVE TOWARDS SUSTAINABLE FUTURE CITIES

ZALEHA SHAARI

Director, Research and Development
Division

Federal Department of Town And Country
Planning, Ministry Of Urban Wellbeing,
Housing and Local Government, Malaysia



URBAN ISSUES AND CHALLENGES



- Rapid rate of urbanisation (high population growth and urban sprawl)
- Degradation of environmental quality (urban heat island, flash flood, air pollution, carbon emission).
- Less competitive urban economy
- Inefficient transportation system
- Decline in quality of living for urban dwellers (increase of energy and water usage and ineffective waste management)
- Lack of emphasis on urban design and provision of quality public facilities
- Ineffective urban governance



TOWARDS SUSTAINABLE DEVELOPMENT

- Development fundamental and approach have shifted to planning for sustainability.
- Sustainable Development towards developed country seeks to **balance social, economic and environmental** objectives in order to secure the well-being of present and future generations.



NATIONAL LEVEL - Development Policy

✿ National Urbanisation Policy (2006)

- **An efficient and sustainable development.**
- **Development of urban economy that is resilient, dynamic and competitive.**
- **An integrated and efficient urban transportation system.**
- **Provision of urban services, infrastructure and utility of quality.**
- **Creation of a conducive liveable urban environment with identity.**
- **Effective urban governance.**

✿ Government Transformation Program

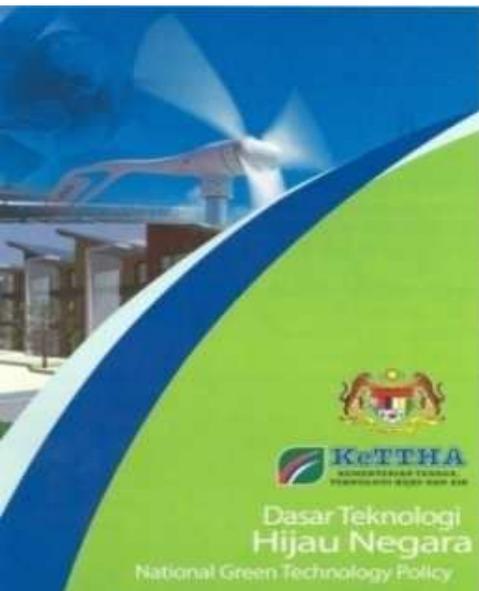
- National Key Result Area (NKRA) – improve living quality, public transport, crime rate and infrastructure standard.
- New Economic Model (NEM) – local economy productivity.
- Key Result Area (KRA) – Community and Urban Wellbeing.



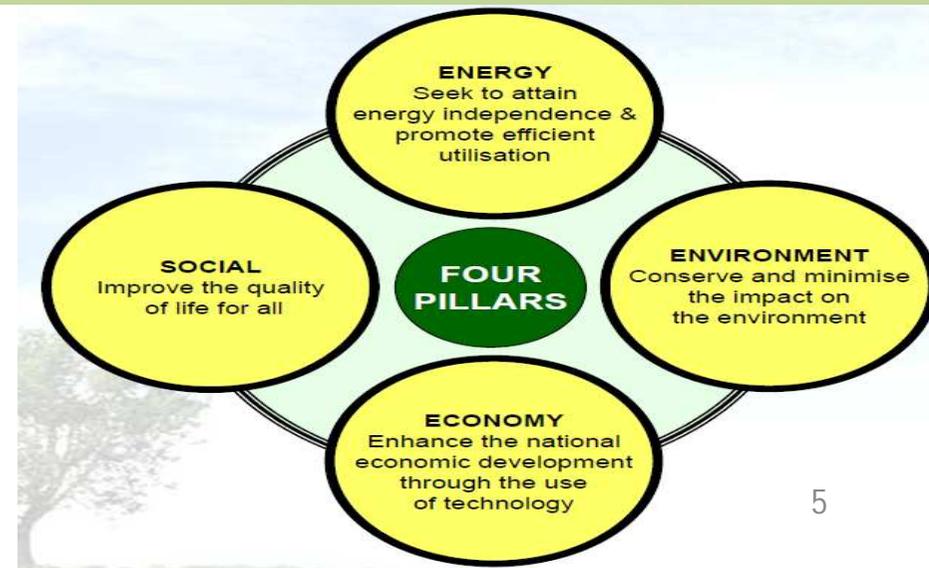
NATIONAL LEVEL - Development Policy

❁ National Climate Change Policy (2009)

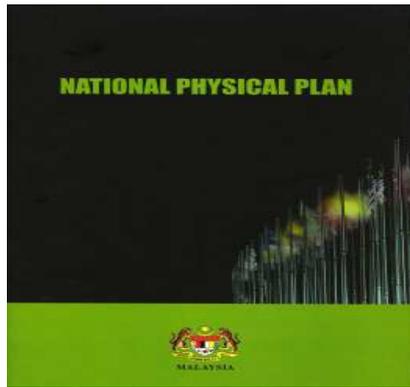
- Mainstreaming climate change through wise management of resources and enhanced environmental conservation;
- Integration of responses into national policies, plans and program to strengthen the resilience of development; and
- Strengthening of institutional and implementation capacity to better harness opportunities to reduce negative impacts of climate change.



❁ National Green Technology Policy (2009)



PLANNING INITIATIVES ■ Development Plan



National Physical Plan (NPP)

- National blueprint for spatial planning in Peninsular Malaysia in tandem with 5-Year Malaysia Plan.
- Indicates future general directions and trends on development, use and conservation of land.



State Structure Plan (SSP)

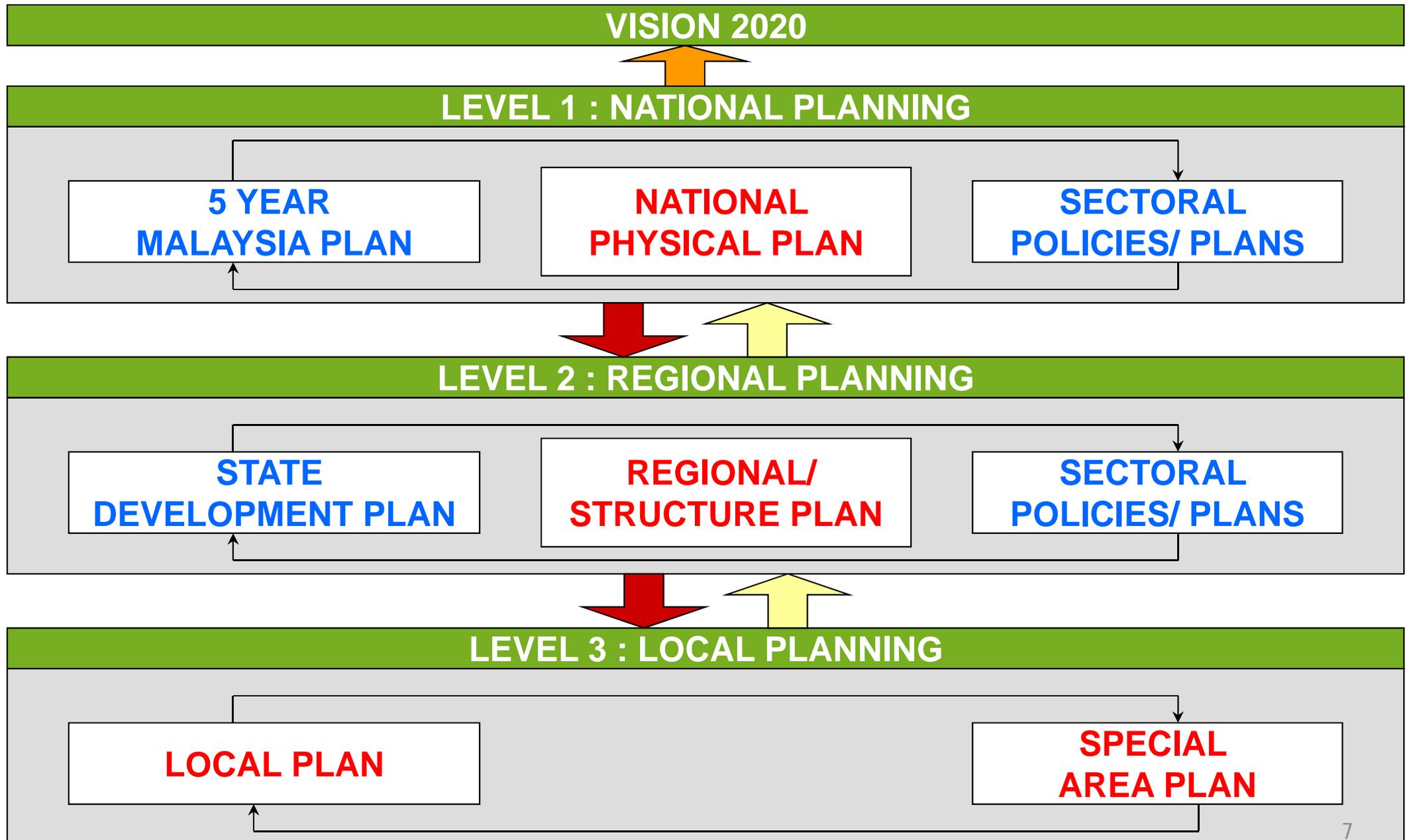
- Policies and general proposals for the development and use of land in the State.
- Allocation of natural resources for period of 10 – 15 years.



Local Plan (LP) and Special Area Plan (SAP)

- Translates SSP policies into specific land use proposals for implementation.
- Proposed map and specific development proposals.
- SAP - Contain proposals for special treatment by development, redevelopment, conservation or management practice.

RESOURCE PLANNING AND MANAGEMENT SYSTEM



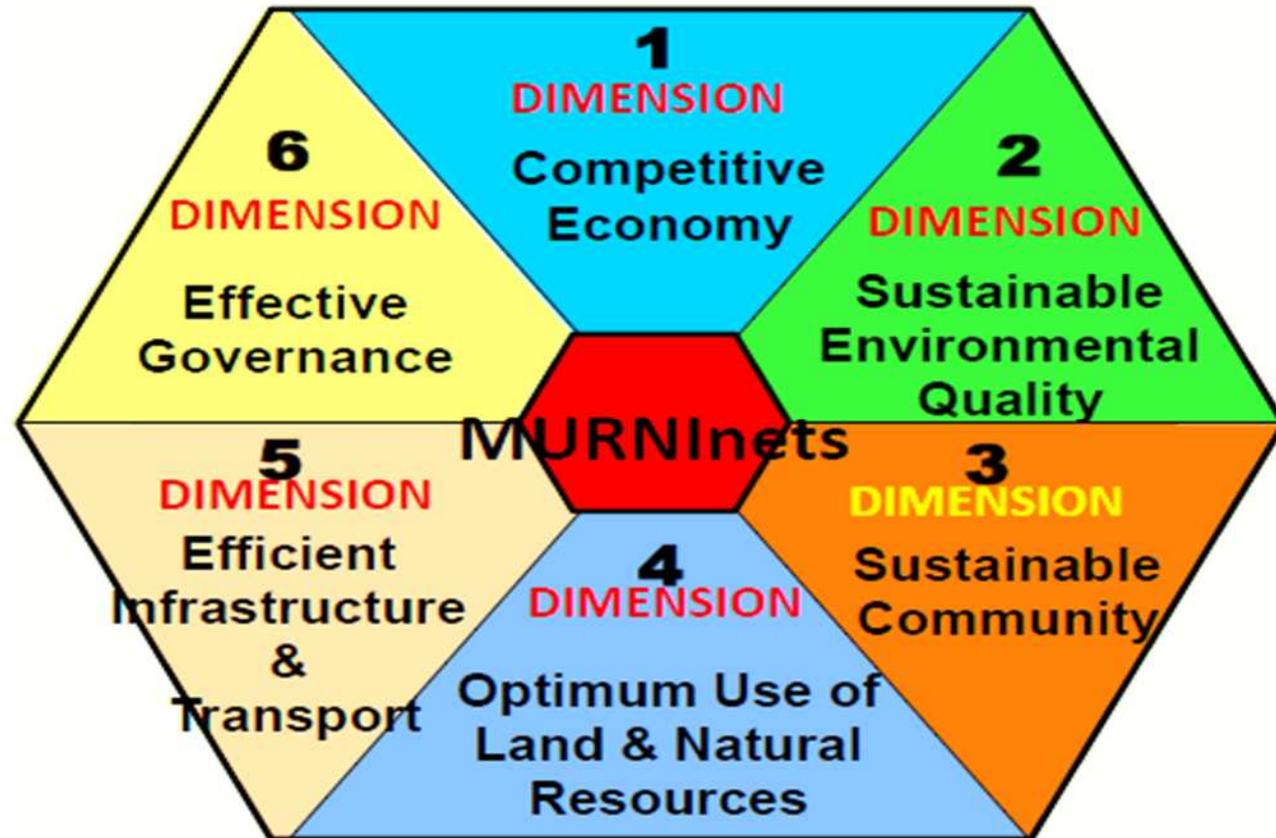
PLANNING INITIATIVE

- Urban Sustainability Assessment



Malaysian Urban-Rural-National Indicators Network on Sustainable Development (2011)

Vision 2020, New Economic Model,
5th Year Malaysia Plan / National Physical Plan,
National Urban Policy / Sectoral Policies



Government Transformation Programme
– GTP / ETP (NKRA, NKEA, MKRA)



FRAMEWORK FOR SUSTAINABLE FUTURE CITIES

SOCIAL INCLUSIVENESS

Unified Society



Safe Living

Caring and Interactive Community

Healthy and Happy Community

Elderly, Child and disabled friendly



Efficient urban governance

PRODUCTIVE ECONOMY

Resilient urban economy

Affordable and comfortable housing



Smart and green tech City



Transit Orientated Development (TOD)

Mixed-use Development



Low carbon city and society



Efficient energy (EE) and renewable energy (RE)

Efficient and prudence water usage

Efficient solid waste management (3R)

Pedestrian and cyclist friendly

Green transportation system

Food security

Green Neighbourhood

Green Lifestyles

Green Buildings and infrastructures



GREEN CITY ENVIRONMENT





THANK YOU



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Malaysia

www.townplan.gov.my

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