Keynote Address :

SYMPOSIUM ON LOW CARBON ASIA RESEARCH PROJECTS

4th July 2011 PERSADA, Puteri Pacific Hotel, Johor Bahru

by :

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(Ministry of Housing and Local Government)

JABATAN PERANCANGAN BANDAR DAN DESA
SEMENANJUNG MALAYSIA

Vietnam
Philippines
Thailand
Sulu Sea
Kota Bharu
Kudat
Penang
Mt Kinabulu
Kota Kinabalu
Sepilok Sanctuary
Georgetown
Taman Negara NP
Sandakan
Malaysia
South China Sea
Malaysia State of Sabah
Cameron Highlands
Brunei
Tawau
Port Kelang
Kuantan
Miri
KUALA LUMPUR
Straits of Melaka
Celebes Sea
Bintulu
Tioman Island
Malaysia State of Sarawak
Keluang
Sibu
Johor Bahru
BORNEO ISLAND
Singapore
Kuching
Indonesia [Sumatera]
Indonesia [Kalimantan]

COP 15

“I would like to announce here in Copenhagen that Malaysia is adopting an indicator of a voluntary reduction of up to 40 per cent in terms of emissions intensity of GDP by the year 2020 compared to 2005 levels”

SUSTAINABILITY

Social Sustainability

- Community Place Making
- Access to health
- Education opportunities
- Safer environment

Ecological Sustainability

- Protection of natural resources
- Adoption of low impact development
- Energy efficiency

Economic Sustainability

- Green economy to improve social equity and human well-being

MALAYSIA TRANSFORMATION PILLAR

VISION 2020

1 Malaysia	**Government Transformation Programme (GTP)**	**Economic Transformation Programme**	**10th. Malaysia Plan**
People First, Performance Now	Six Key Priority Areas Known As The National Key Results Areas (NKRAs)	8 Strategic Reform Initiatives	Optimistic Macroeconomic Growth Targets
April 2009	**January 2010**	**March 2010**	**June 2010**

LOW CARBON & SUSTAINABLE DEVELOPMENT AGENDA

10th Malaysia Plan

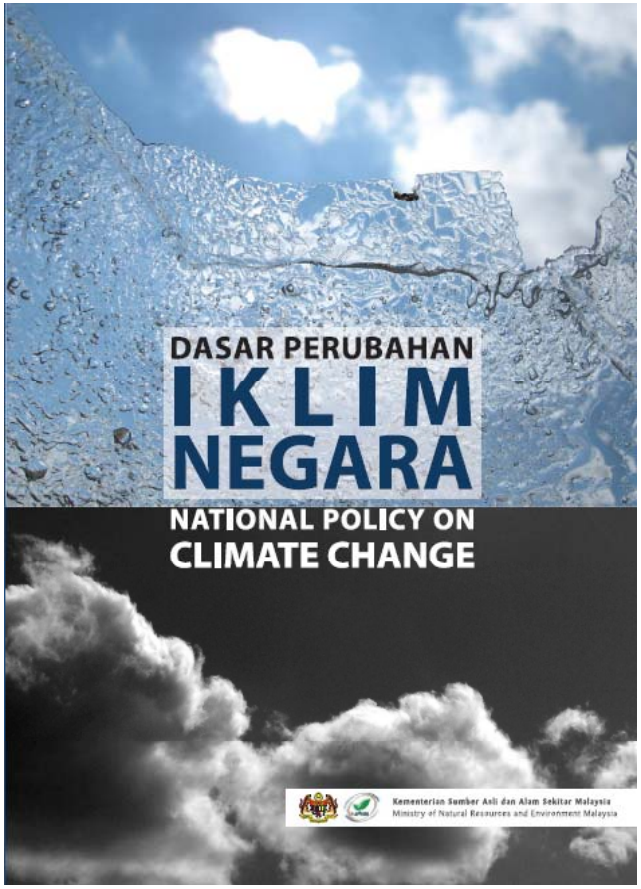
- **Adaptation & Mitigation strategies in CC**
- **Programmes To Reduce Greenhouse Gas Emission.**
- **Protecting Environment While Reaping Economic Value.**

LOW CARBON & SUSTAINABLE DEVELOPMENT AGENDA

Climate Change Policy, 2009

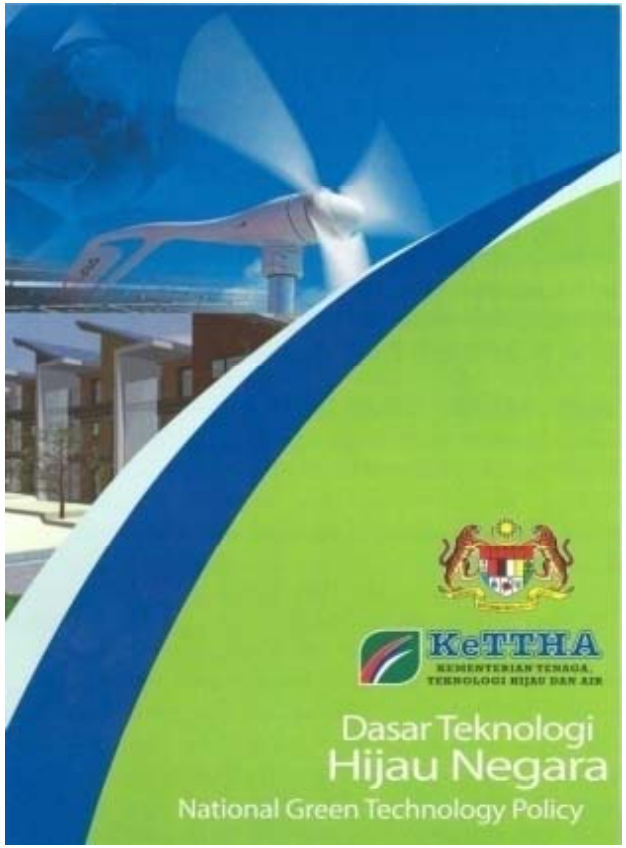
Ensure climate-resilient development to fulfill national aspirations for sustainability.

- **Mainstreaming climate change**
- **Adaptation & Mitigation**
- **Coordination**



LOW CARBON & SUSTAINABLE DEVELOPMENT AGENDA

National Green Technology Policy, 2009



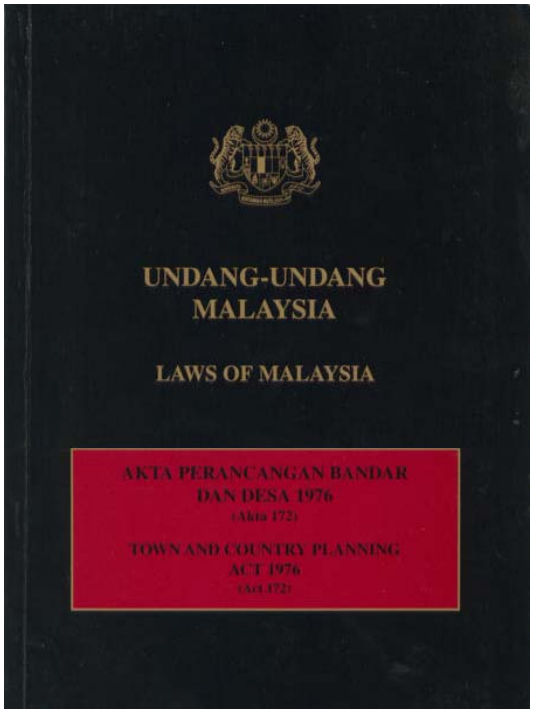
4 Pillars:

- **Energy**
- **Environment**
- **Economy**
- **Social**

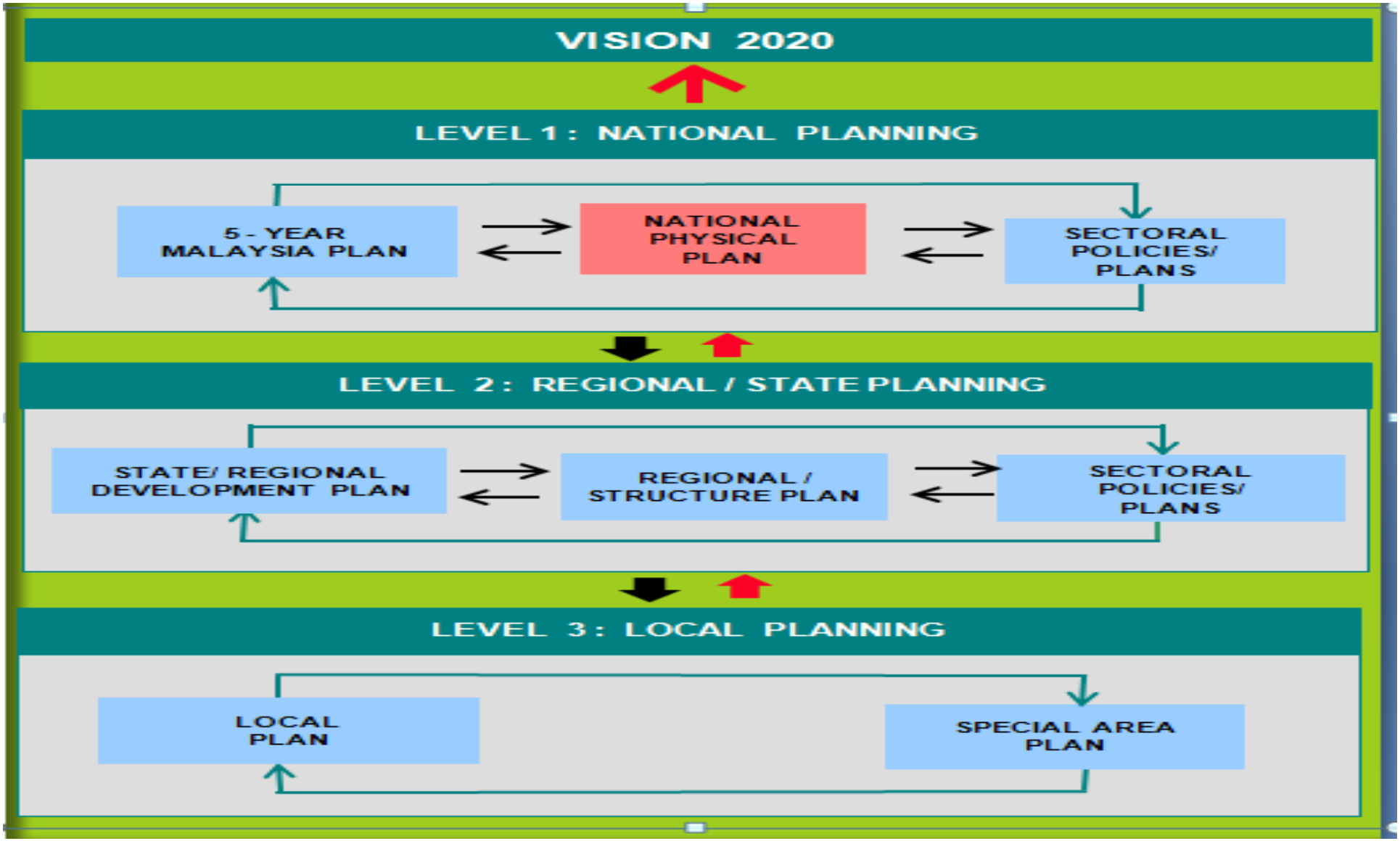
LOW CARBON & SUSTAINABLE DEVELOPMENT AGENDA

Town & Country Planning Act, 1976 (Act 172)

- **Development policies and implementation of existing planning documents.**
- **Protect and improve physical environment and social needs of the people.**



NATIONAL DEVELOPMENT PLANNING FRAMEWORK



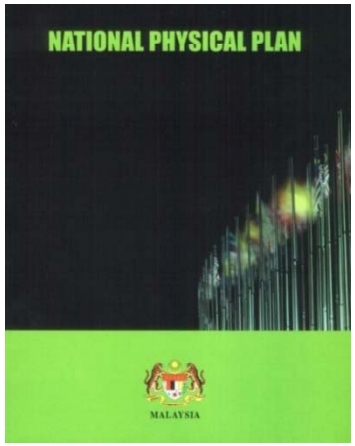
LOW CARBON & SUSTAINABLE DEVELOPMENT AGENDA

National Urbanisation Policy, 2006

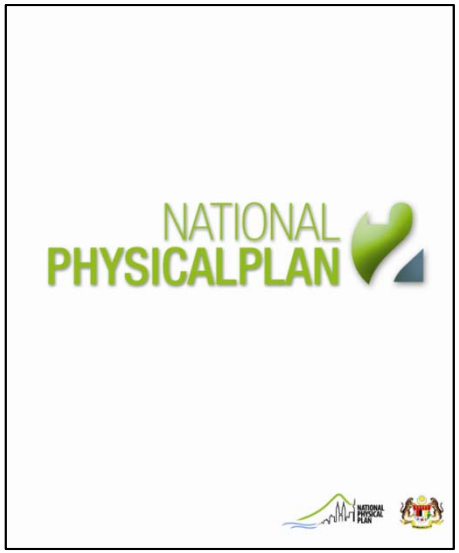
To create a visionary city with a peaceful community and living environment through sustainable urban development.

LOW CARBON & SUSTAINABLE DEVELOPMENT AGENDA

National Physical Plan

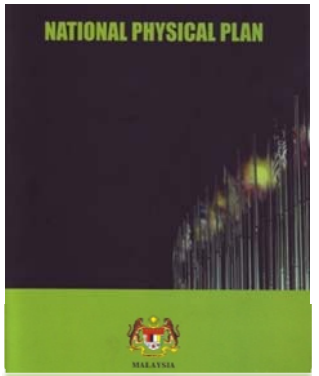


The Establishment Of An Efficient, Equitable And Sustainable National Spatial Framework To Guide The Overall Development Of The Country Towards Achieving Developed And High-income Nation Status By 2020.



NATIONAL PHYSICAL PLAN

A written statement which formulates strategic policies to identify development direction of overall physical land use and conservation of resources in Peninsular Malaysia.



Functions:

- To provide a physical dimension for socio-economic planning and other sectoral policies.
- Establish a framework for lower tier planning at regional, state and local levels.
- Prepare policies and physical planning guidelines.
- To optimize utilization of land and natural resources.
- To secure spatial and environmental quality.
- To promote balance regional development.
- To improve the social and environmental quality of human settlements and the living and working environments of the people.

NPP- REDUCTION OF CARBON EMISSION

- **Spatial planning framework incorporate mitigation and adaptation measures against the climate change.**
- **ESA shall be integrated in the planning and management of land use and natural resources.**
- **CFS is the backbone of the ESA network.**
- **TOD concept as the basis of urban land use planning.**
- **Integrated public transportation system shall be established.**

NATIONAL PHYSICAL PLAN

PLANNING GUIDELINES

low carbon city concept for sustainable development

Draft

DRAF

GP014-A GP
GARIS PANDUAN PERANCANGAN

ROOF TOP GARDEN

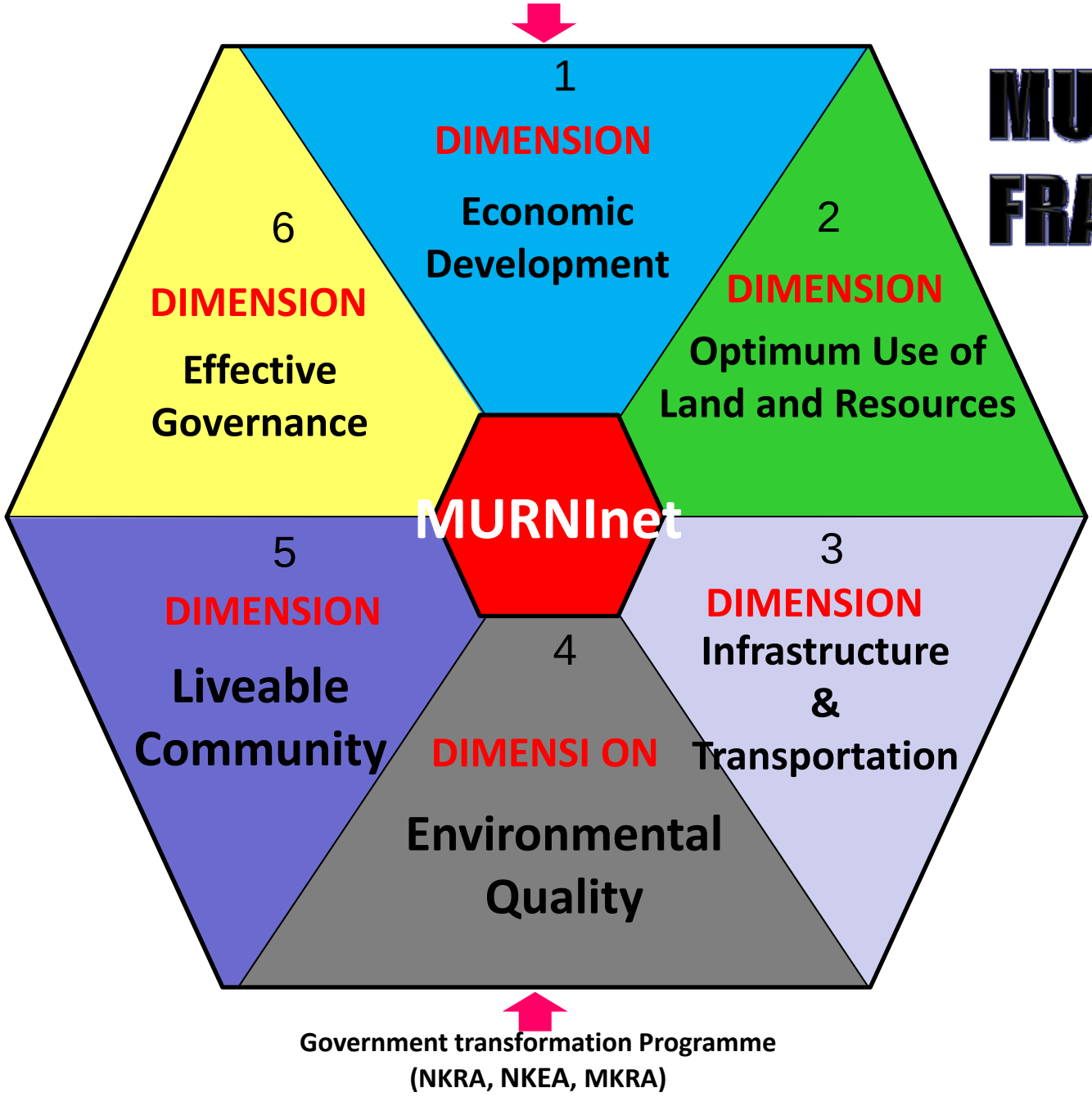
GP026 GP
GARIS PANDUAN PERANCANGAN

PLANNING GREEN NEIGHBOURHOOD

GP005-A GP
GARIS PANDUAN PERANCANGAN

RECREATIONAL & PUBLIC OPEN SPACES

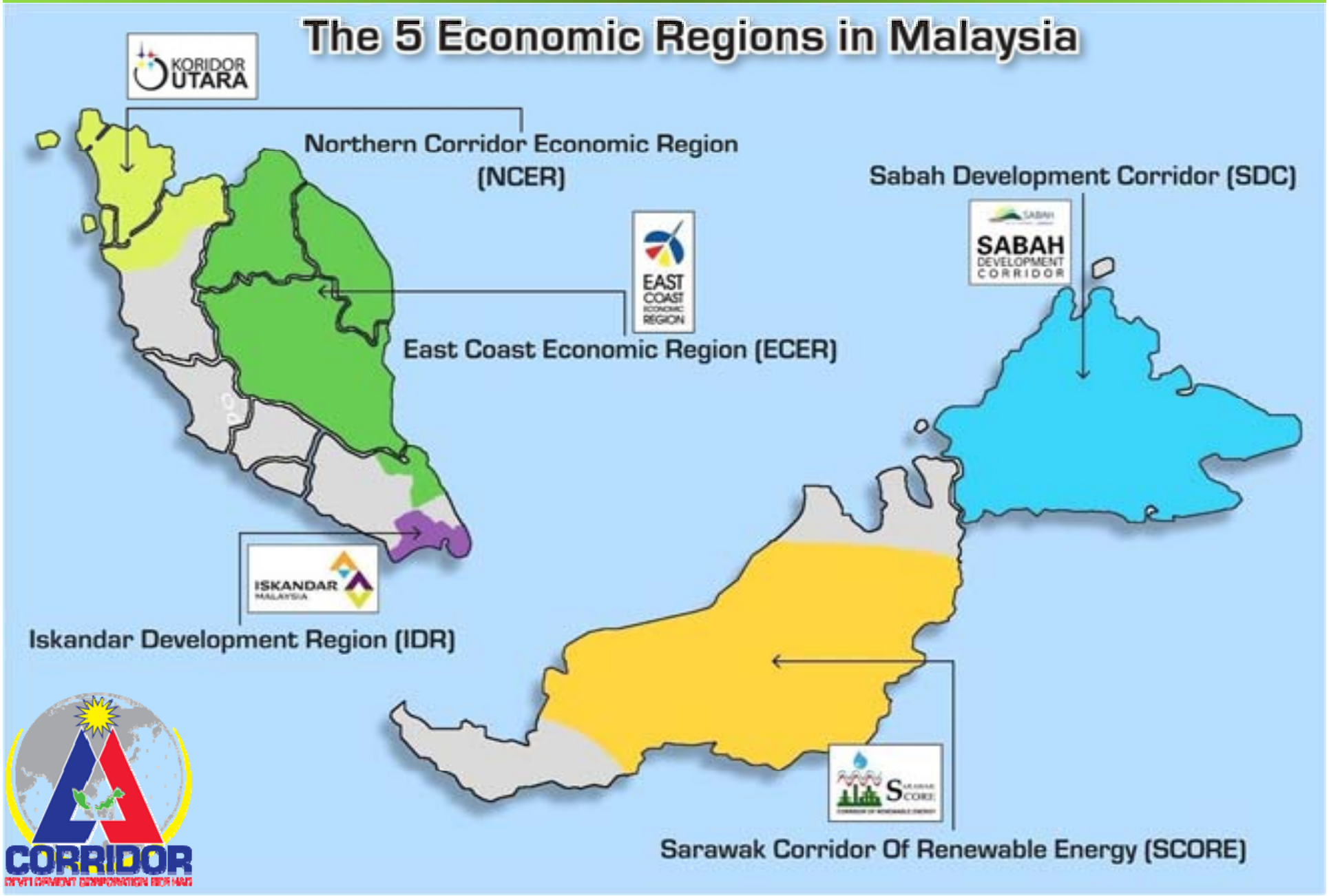
Vission 2020, New Economic Model, Five Year Malaysia Plan/ National Physical Plan
National Urbanisation Plan



MURNInet FRAMEWORK

Government transformation Programme
(NKRA, NKEA, MKRA)

REGIONAL PLANNING



GREEN CITY IN MALAYSIA

Putrajaya

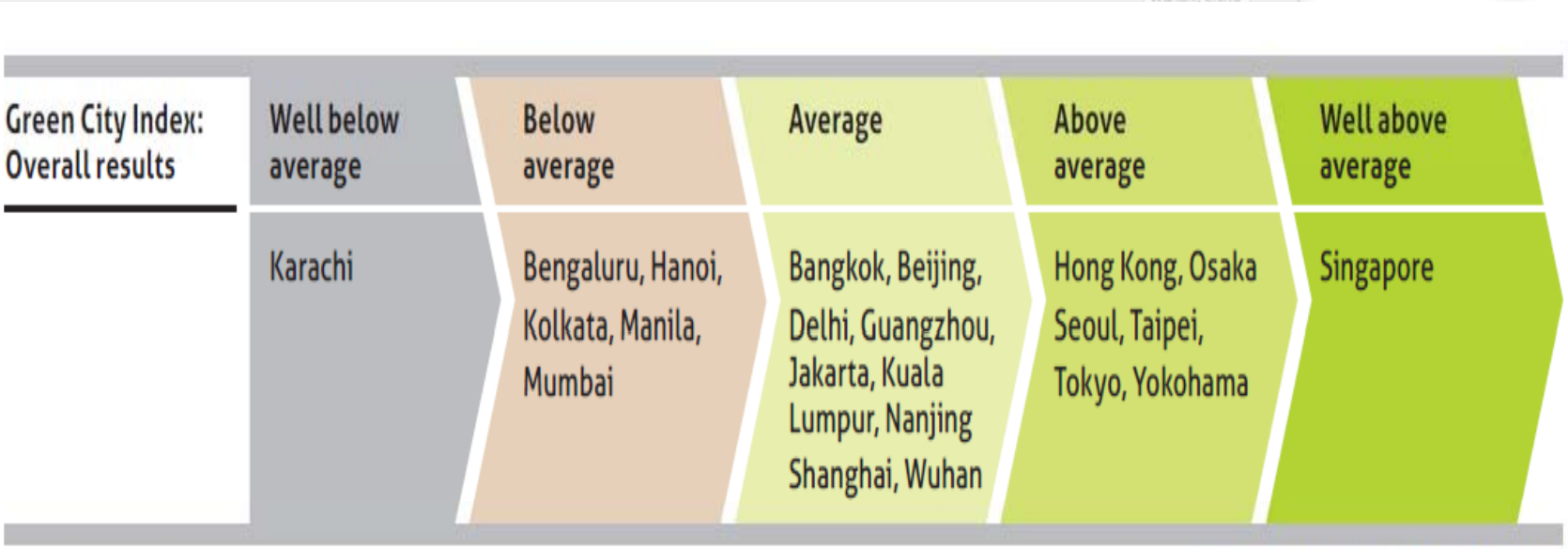
Cyberjaya

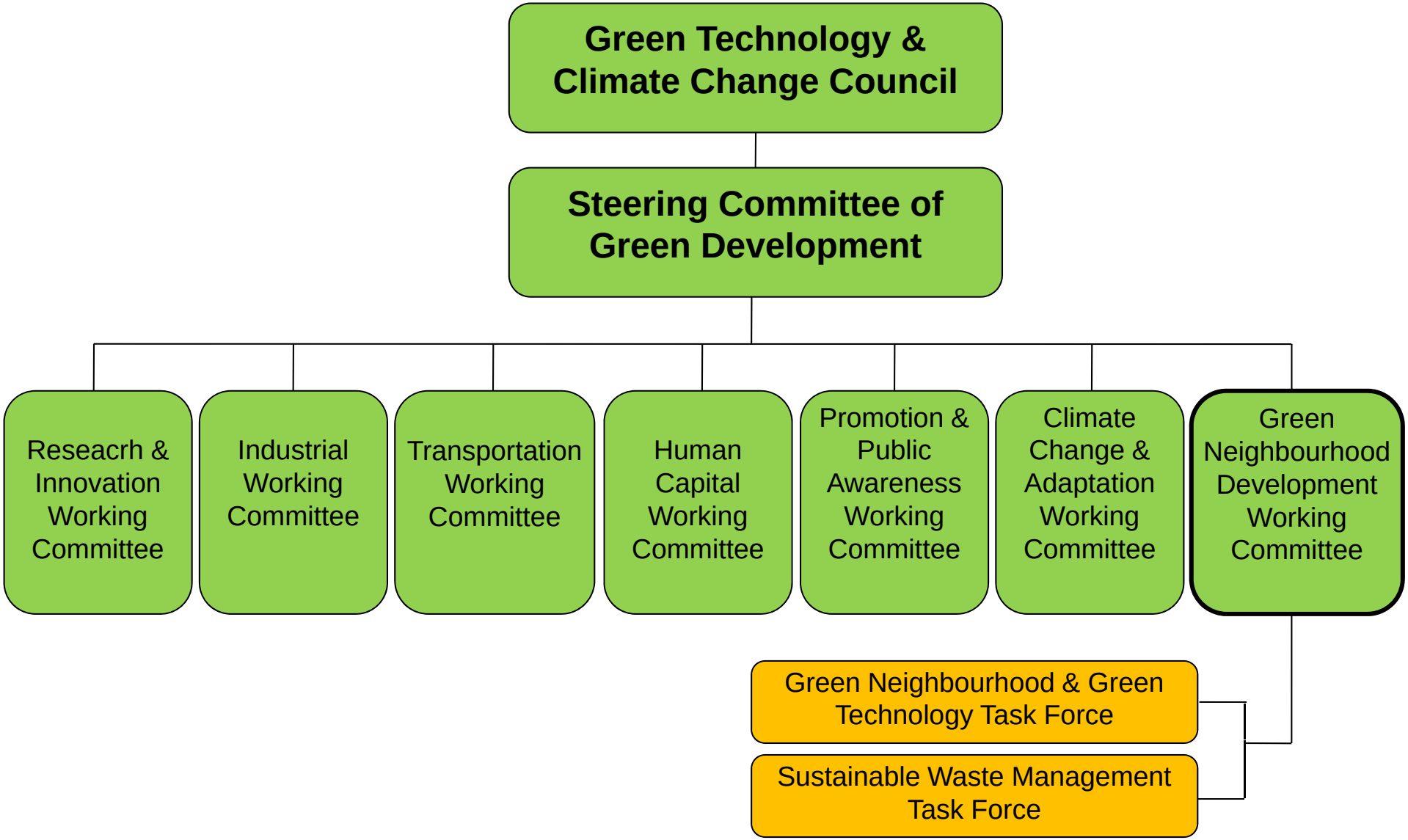
Wilayah Iskandar, Johor

Melaka

Miri, Sarawak

ASIAN GREEN CITY INDEX 2011



Source: Siemens Asian Green City Index 2011

Institutional Framework for Green Development