

ECONOMIC AND SOCIAL COUNCIL

**Nineteenth United Nations Regional Cartographic
Conference for Asia and the Pacific**

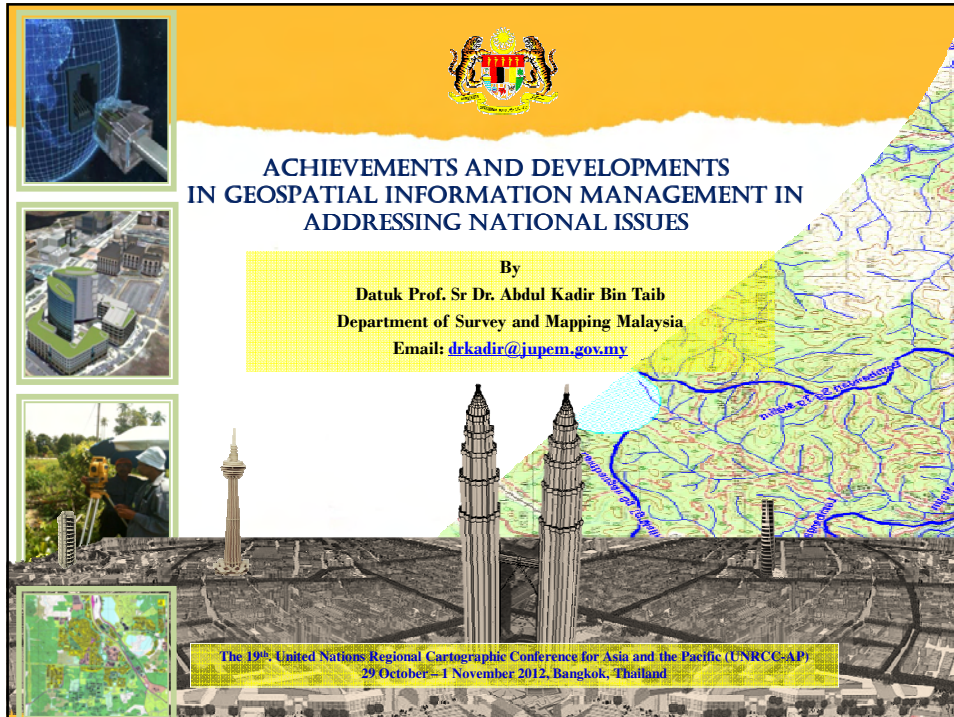
Bangkok, 29 October – 1 November 2012


Item 6(b) of the provisional agenda

**Conference papers: Invited papers on achievements and developments in
Geographical information management in addressing national,
regional and global issues.**

**Achievements and Developments in Geospatial Information
Management in Addressing National Issues***

* Prepared by Datuk Prof. Sr Dr. Abdul Kadir Bin Taib, Director General of Survey and Mapping, Department of Survey and Mapping Malaysia (JUPEM)




**ACHIEVEMENTS AND DEVELOPMENTS
IN GEOSPATIAL INFORMATION MANAGEMENT IN
ADDRESSING NATIONAL ISSUES**
 By
 Datuk Prof. Sr Dr. Abdul Kadir Bin Taib
 Department of Survey and Mapping Malaysia
 Email: drkadir@jupem.gov.my

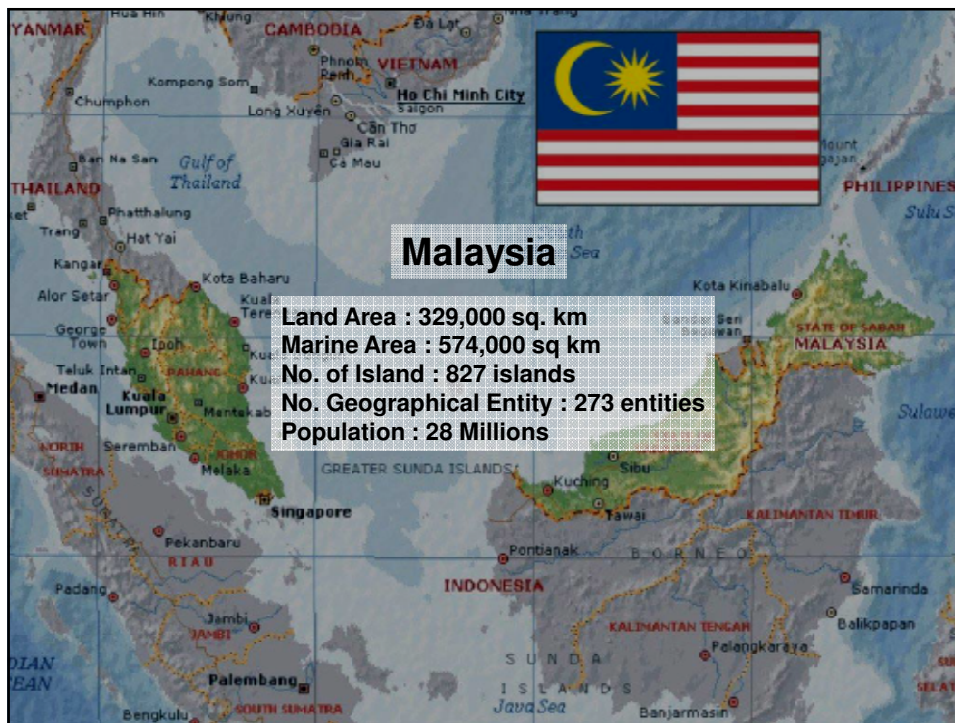
The 19th United Nations Regional Cartographic Conference for Asia and the Pacific (UNRCC-AP)
 29 October – 1 November 2012, Bangkok, Thailand

Scope of Presentation

- Introduction
- Issues and Challenges
- Current and Future Initiatives
- Achievements and Developments
in Geospatial Information Management
- Concluding Remarks



Introduction



Issues and Challenges

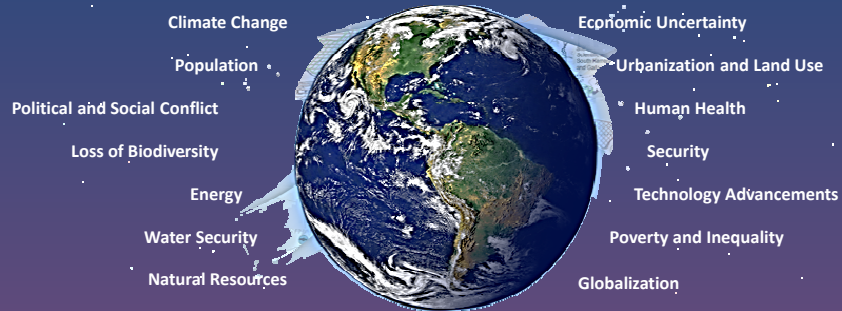
Issues and Challenges...

We are living in an increasingly complex and rapidly changing world....



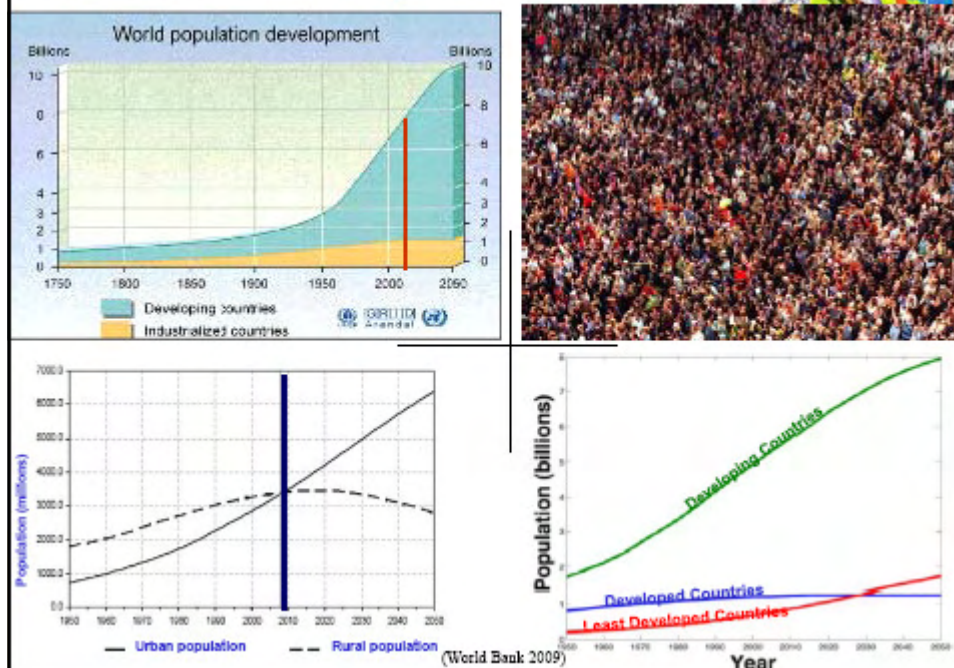
Our World Is Changing Rapidly

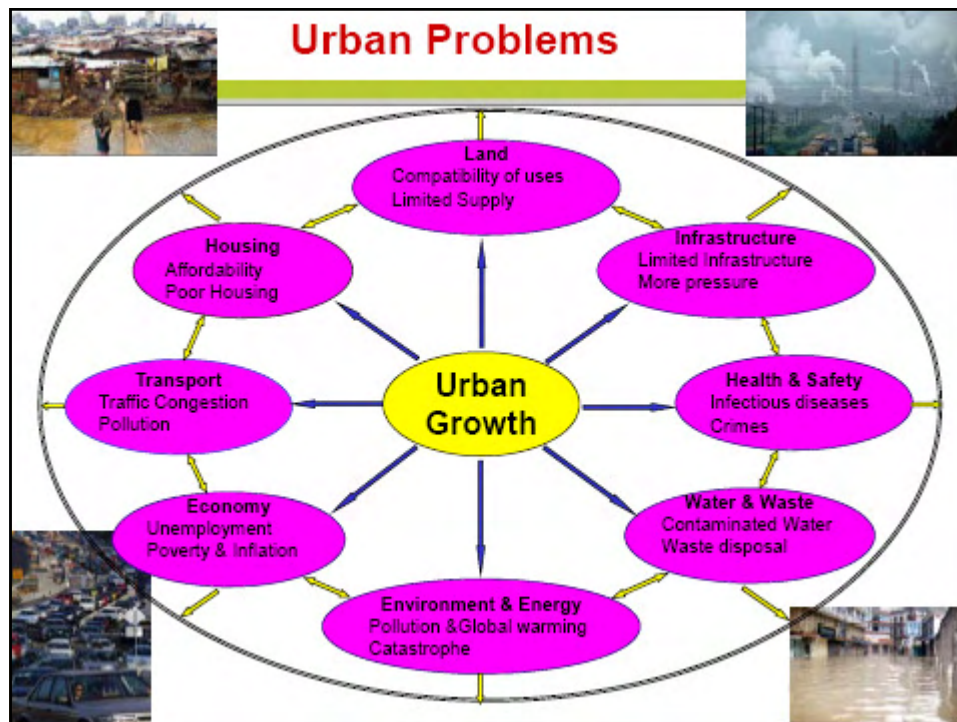
Creating Many Issues and Challenges For Our Country And Your Organizations



... We Need Collective Intelligence and Understanding

World and Urban Population Growth












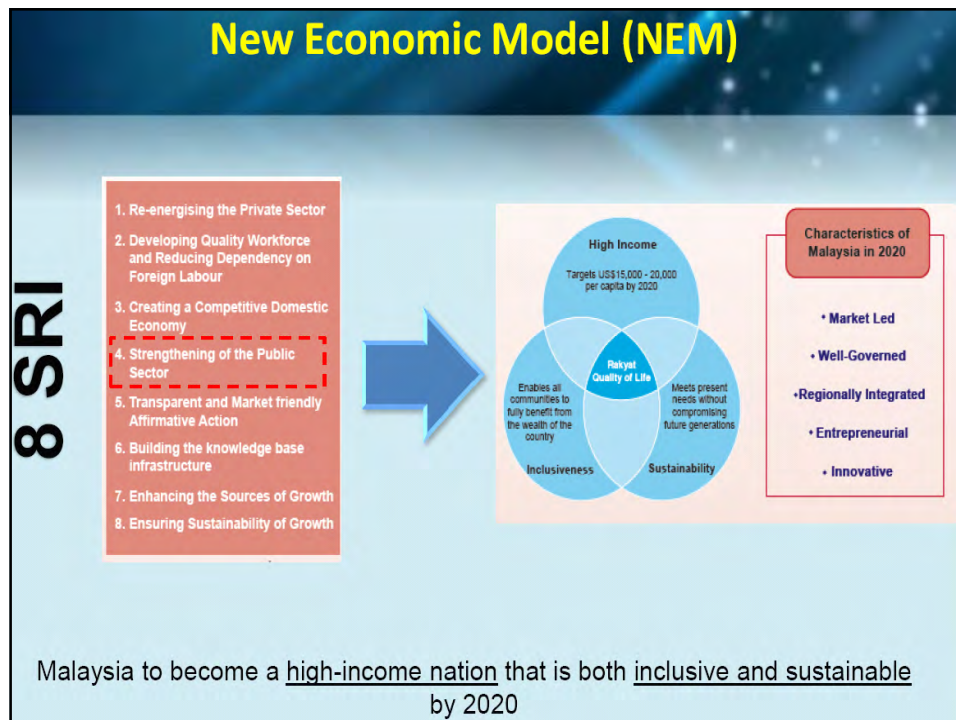


Current and Future Initiatives

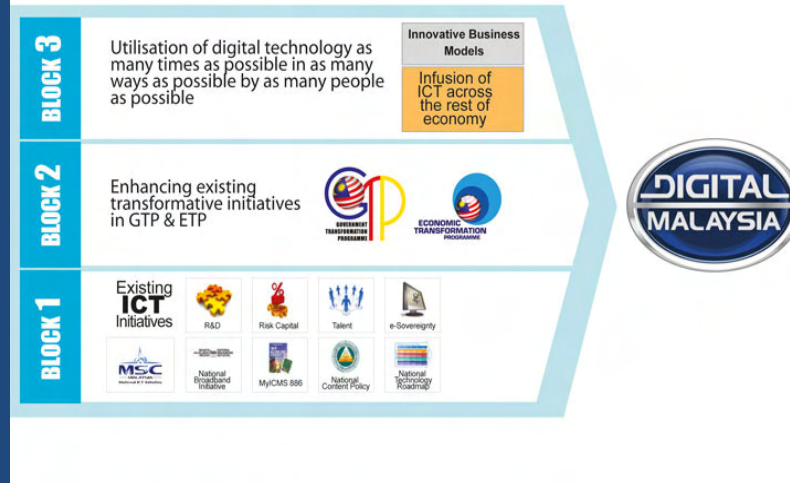


Government Initiatives



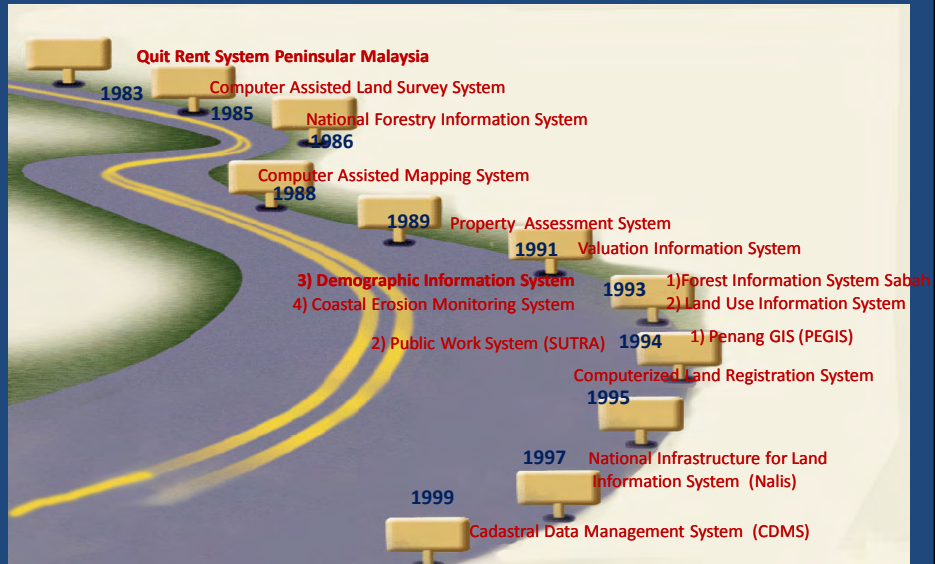


DIGITAL MALAYSIA



Geospatial Initiatives

Before Year 2000



After Year 2000



POLICY

Digital Signature Act 1997 (Act 562)

Communication and Multimedia Act 1998 (Act 588)

Consumer Protection Act 1999 (Act 599)

Electronic Commerce Act 2006 (Act 658)

Government Electronic Activities Act 2007 (Act 680)

Personal data Protection Bill 2009

National Geospatial Act ????



GEOSPATIAL INFORMATION STANDARDISATION

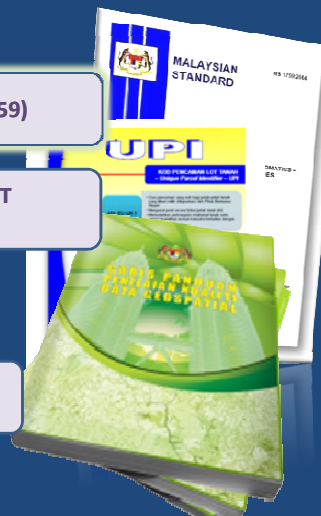
Unique Parcel Identifier (UPI)

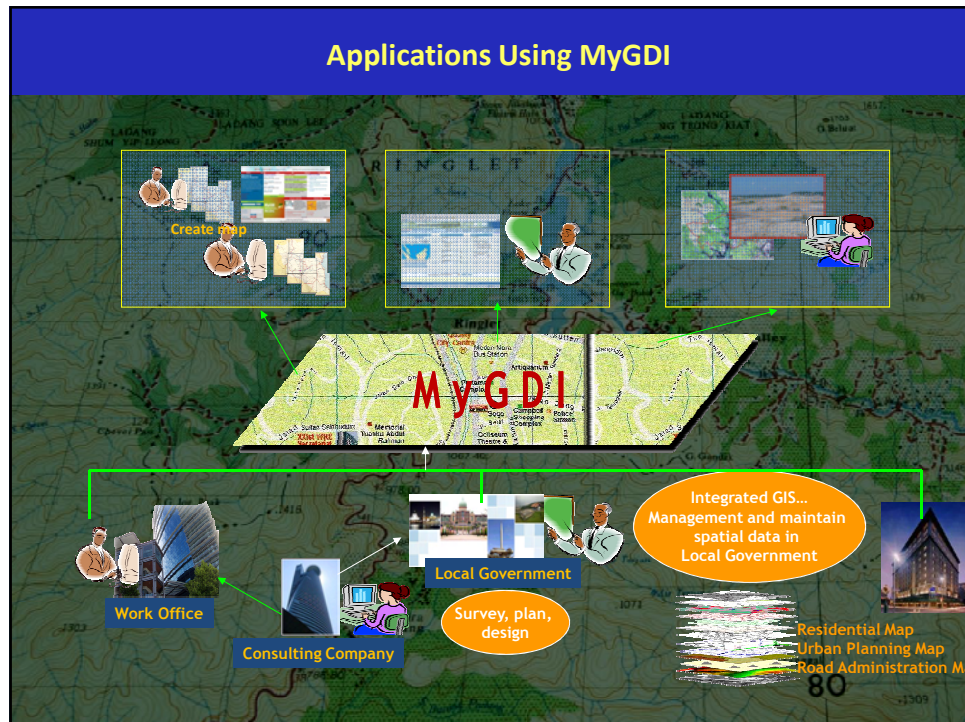
FEATURE AND ATTRIBUTE CODES 1759 (MS1759)

MyGDI METADATA STANDARD DEVELOPMENT
(MMS)

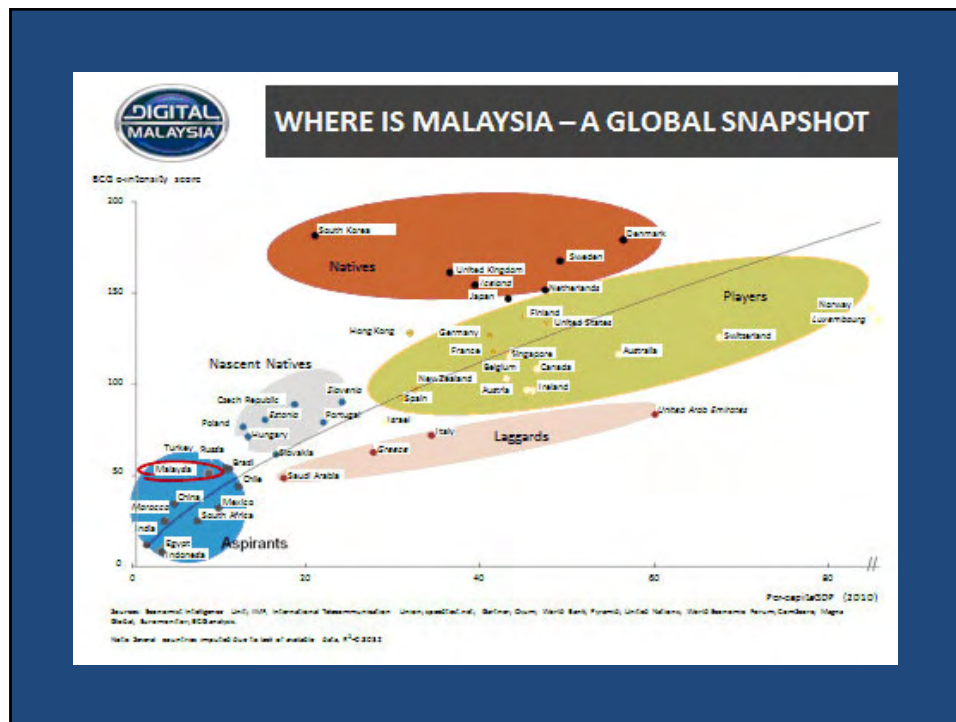
Dataset Quality for Geographic Information
(DQ)

Standardisation of Geographical Names (Geoname)





Achievements and Developments in Geospatial Information Management



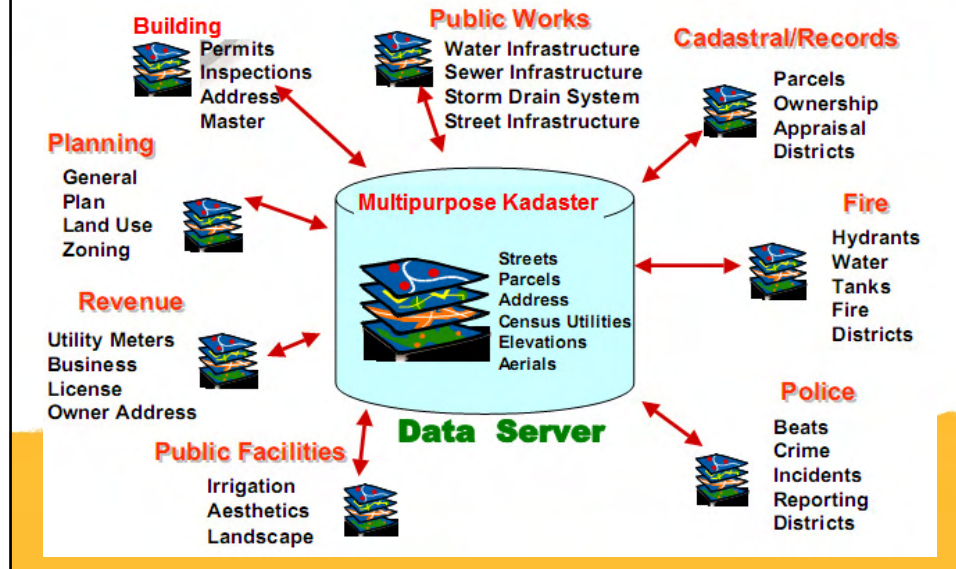
Government Transformation Programme

eKADASTER

- Expediting the B1 plan preparation from 2 years to just 2 months (Required for Final Title)



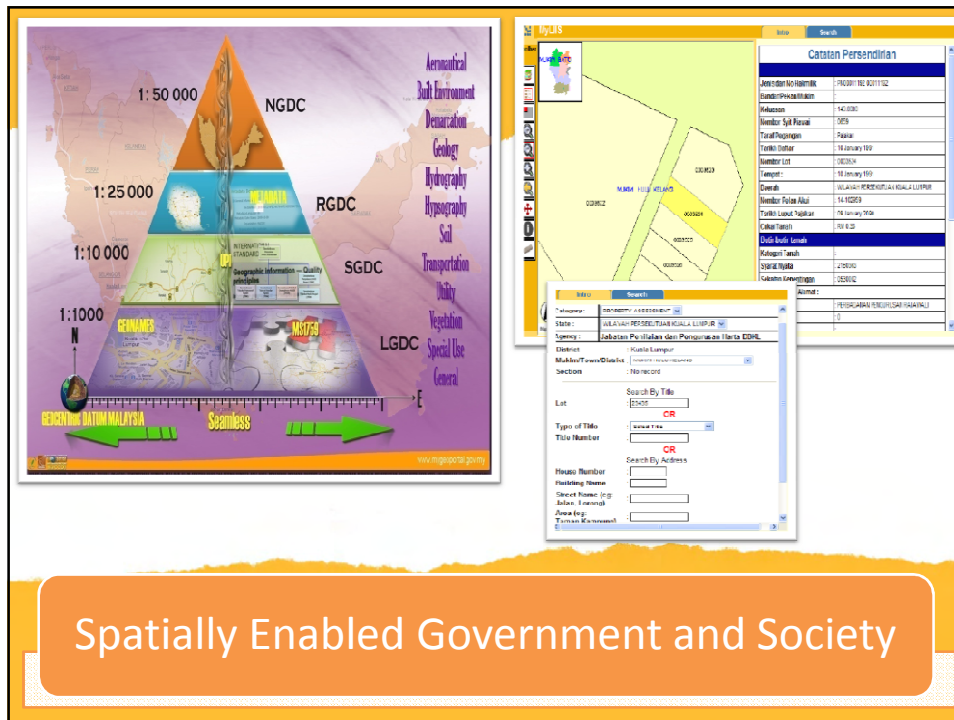
From Single Purpose eKadastre To Multipurpose Kadastre



Government Transformation Programme

Malaysia Geoportal & MyGDI Explorer

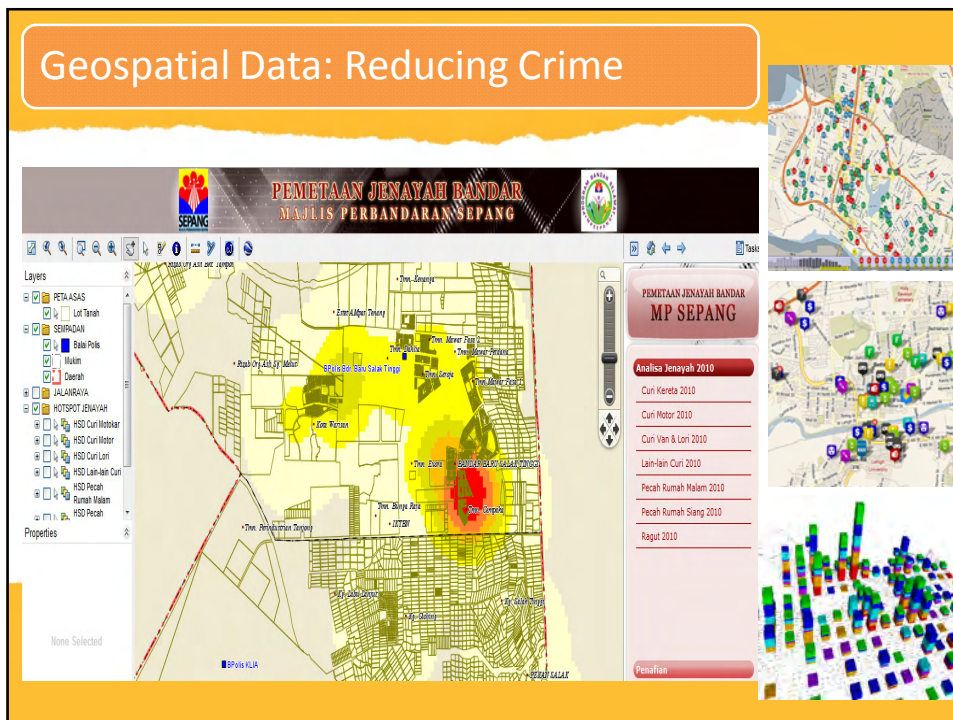




Examples of Spatially Enabled Government and Society



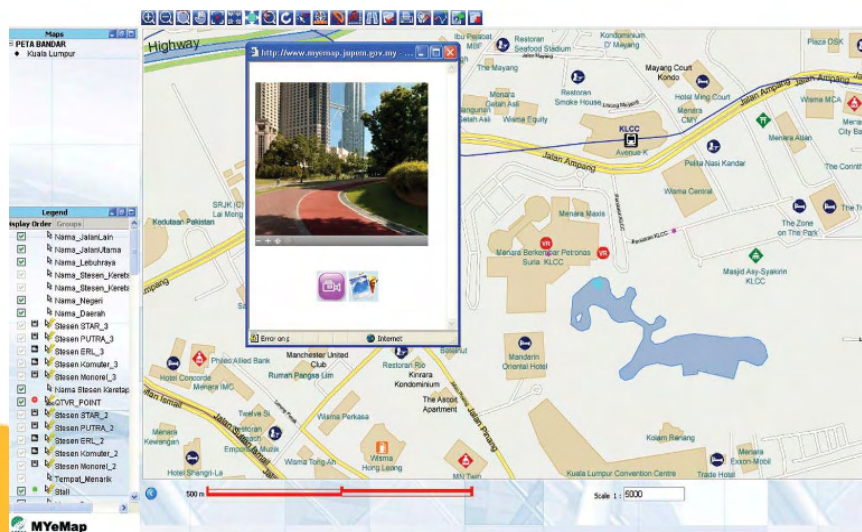
Geospatial Data: Reducing Crime



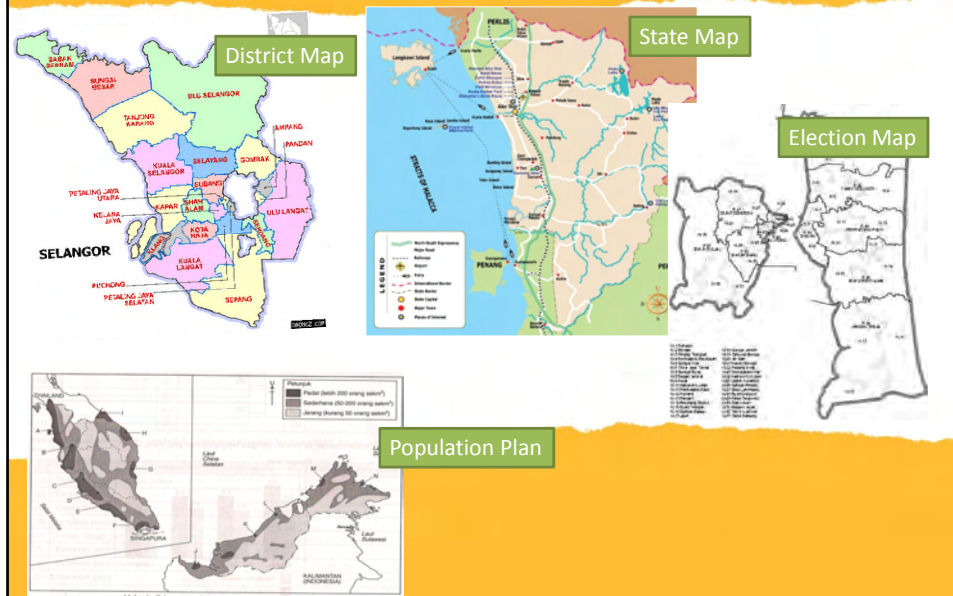
Geospatial Data: Urban Planning



Geospatial Data: Navigation



Mapping the nation



Improving Urban Public Transport: Foundation For Public Transport Infrastructure



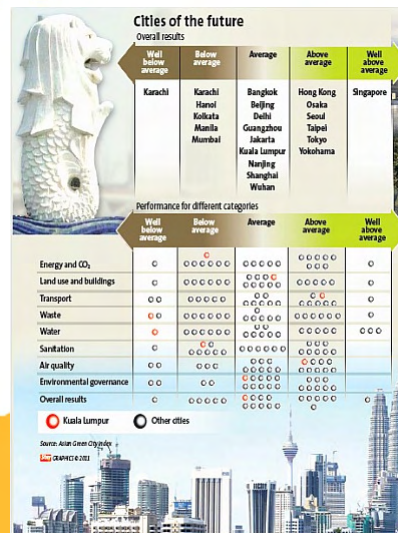
Roles of Geospatial Information Management in Economic Transformation Programme (ETP)



Regional Economic Development



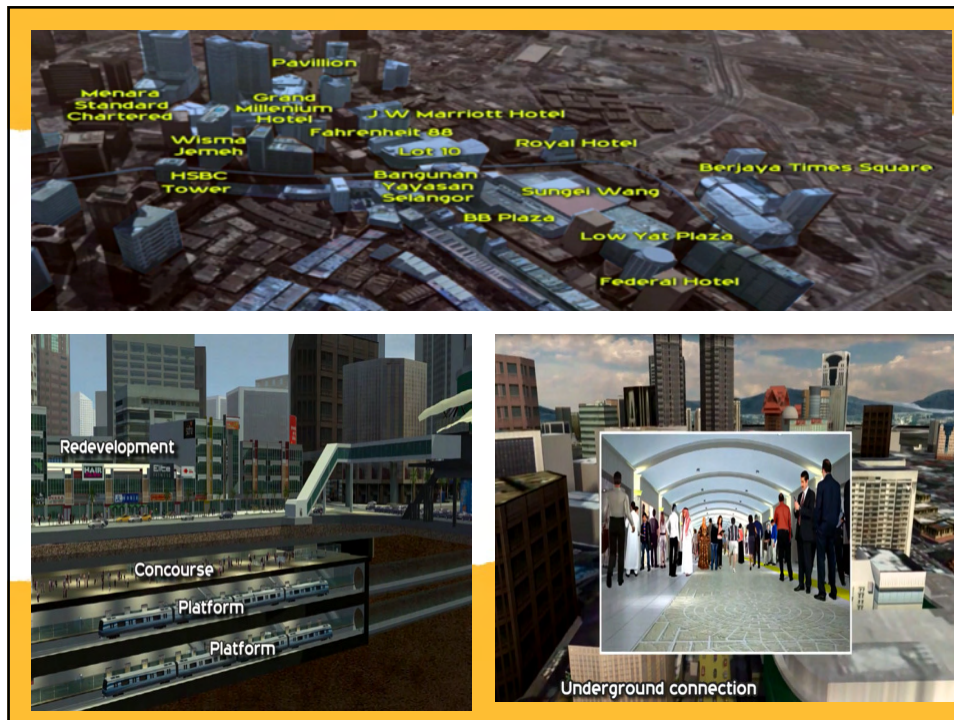
Kuala Lumpur Metropolis



The Star : Saturday February 26, 2011

Mass Rapid Transit System





The Use of Geospatial Information in Development Projects in Malaysia





The Penang Second Bridge

