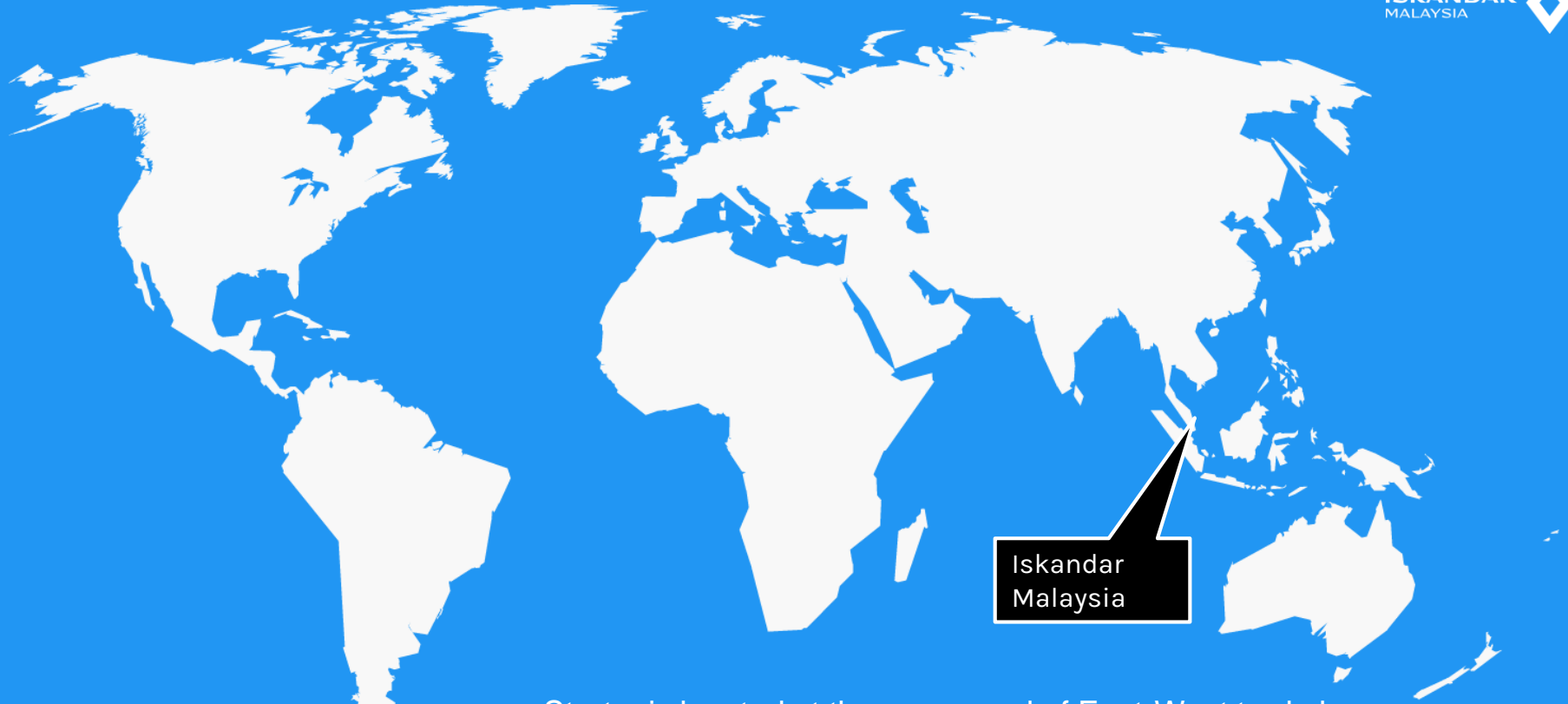


ISKANDAR MALAYSIA
URBAN OBSERVATORY (IMUO):
THE IMPORTANCE OF GEOSPATIAL
INFORMATION

ISKANDAR MALAYSIA REGIONAL DEVELOPMENT AUTHORITY

7th NATIONAL GIS SYMPOSIUM
PUTRAJAYA
8 AUGUST 2016



Iskandar
Malaysia

- Strategic located at the cross road of East-West trade lanes
- Centrally located in heart of South East Asia

Geographical Coverage



Iskandar Malaysia encompasses 3 districts in Southern Johor:

- Johor Bahru
- Kulai
- Part of Pontian

There are 5 Local Authorities

Region	Area (km ²)	Population (mill)
Iskandar Malaysia	2,217	1.6
Singapore	690	4.1
Dubai	3,885	1.2
Hong Kong	1,095	6.9

The Review of Comprehensive Development Plan 2 (CDPii) 2014 to 2025: New Directions

Existing CDP 2006 – 2012:

Focus: Economic Growth

2013 – onwards:

- Focus: **Resilient eco-system** – creates wealth creation and sharing to be equitably shared among communities.
- **Wealth Creation**; balanced with harnessing ecological assets to enhance quality of life and further sets IM as a leading global region.
- **Spatial management** and governance system structured to achieve the vision and goals of IM



Iskandar Malaysia Circle Of Sustainability

Targeted Economic Indicators, Iskandar Malaysia 2025

3.0

Population (mil)

120,427

Gross Domestic Product (RM mil)
(2005 prices)

7-8%

Gross Domestic
Product Growth
rate

42,631

Gross Domestic Product Per Capita
(2005 prices)

Targeted Economic Indicators, Iskandar Malaysia 2025...con't

1.3

Employment (mil)

2.6%

Unemployment Rate

70%

Workforce Participant Rate

5 BIG MOVES



CDP Review reaffirms the importance of data, translating into CDPii's recommendation to setup the **IMUO**

CDP Review	CDP ii (2014- 2025)
<p>On liveability: <i>"...will require a follow-up that include the setting up of baseline indicators that will pave the way for a Quality of Life Indicators in Iskandar Malaysia. The indicators aim to ensure balanced development between the social, economic and environmental."</i></p> <p>On planning: <i>"Establishing baseline data to support development planning and to derive economic assumptions. New division on data collection, focus groups, perception surveys, public views and research via an online website to aid progress reporting."</i></p>	<p>Develop the Iskandar Malaysia Urban Observatory (IMUO) as the key project in Big Move 5</p> <p>Broad parameters in Chapter 7 - key aims and objectives, broad strategies and thinking, governance structure, strategic partnerships and capacity building</p>

Background of **IMUO** ...what?

- **A ‘single window’** – to keep and analyse data and resources in a smart city environment; and
- **A post sustainability platform** for easy access of analysing data and resources which translate knowledge into policy and informed decision making.

Background of **IMUO** ...why?

Lack of consistent and reliable data for:-

- Informed decision planning, and
- Measurement of city outcome and indexes

Background of **IMUO** ...benefits

- **Government** : revolutionised public sectors delivery services; transparency in nation decision making and outcome measurement;
- **Businesses** : effective and improve investments & business strategies and decision; and
- **Community** : smart and well informed community, better planning and judgement in daily tasks.

3 cross-cutting strategies to guide the development of the IMUO

With the situation analysis and prioritization of the IMUO functions, three cross-cutting strategies are identified as crucial to support the development of the IMUO

1

Develop the IMUO Business Plan

2

Develop the IMUO Data Centre, Systems and Application

3

Build co-ownership of the IMUO

Strategy 1: Develop the IMUO Business Plan



Strategy 2: Develop the IMUO Data Centre, Systems and Applications

Review of the data landscape for IM

Develop data management policy and system

Undertake preliminary data collection to establish IMUO data base

Establish the data centre and infrastructure

- Ad-hoc data collection/management
- Separate GIS-non-GIS data management.
- Tedious data collection process
- Data charges drive up costs
- Bound by external data policy
- No data sharing policy

Strategy 3: Build co-ownership of the IMUO



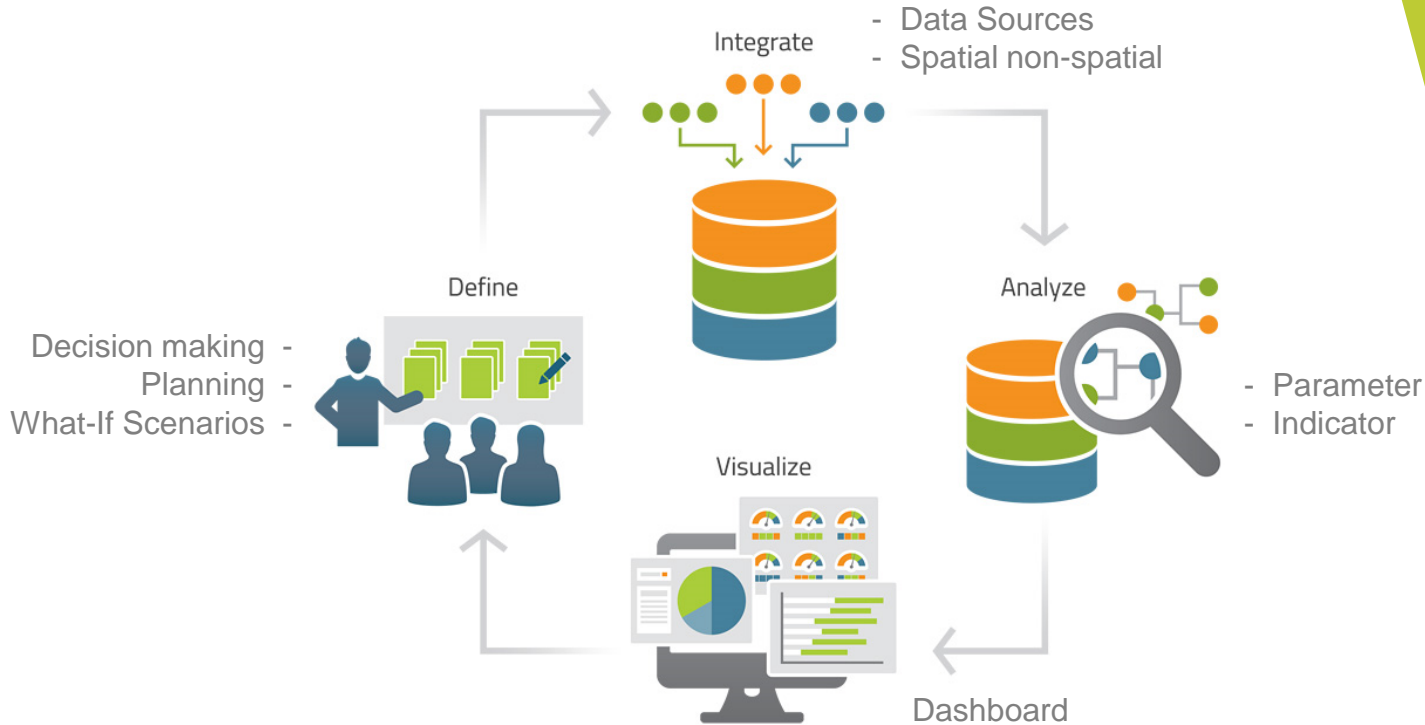
- Advances joint vision
- Obtain feedback on products and services
- Access a broader range of views and expertise

Principal of **Data Sharing**

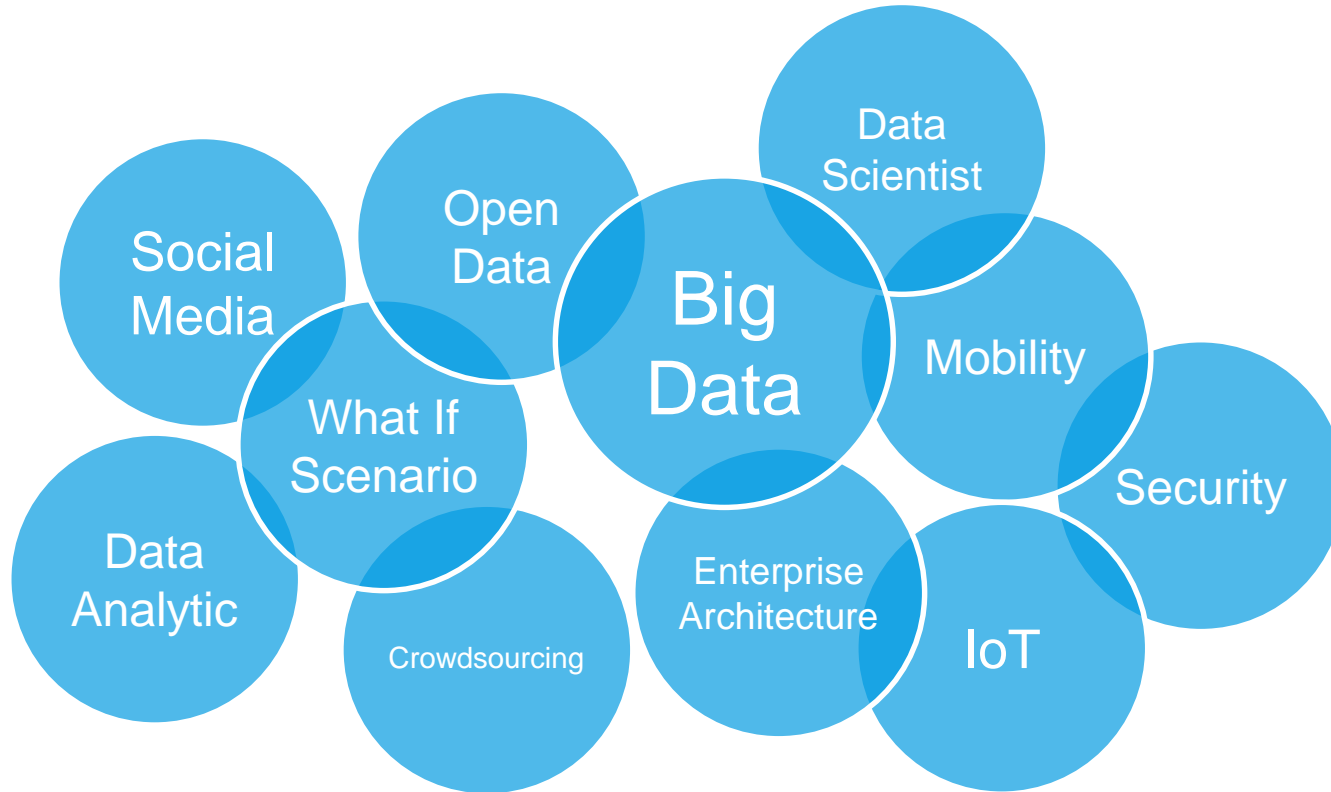
The following data sharing principles aim to guide the Government agencies' Open Data efforts.

- Data shall be as **raw** as possible
- Data shall be made **easily accessible**
- Data shall be made **available** for co-creation
- Data shall be released in a **timely manner**
- Data shall be shared in **machine-readable** format

IMUO Elements of Process



Technology Elements in IMUO





THANKS!

Any questions?

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