

BUILDING SMART FUTURE CITY IN ISKANDAR MALAYSIA

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PRESENTATION CONTENT



- ISKANDAR MALAYSIA BOUNDARY



- THE BUSINESS PLAN FOR ISKANDAR MALAYSIA .
CDPi



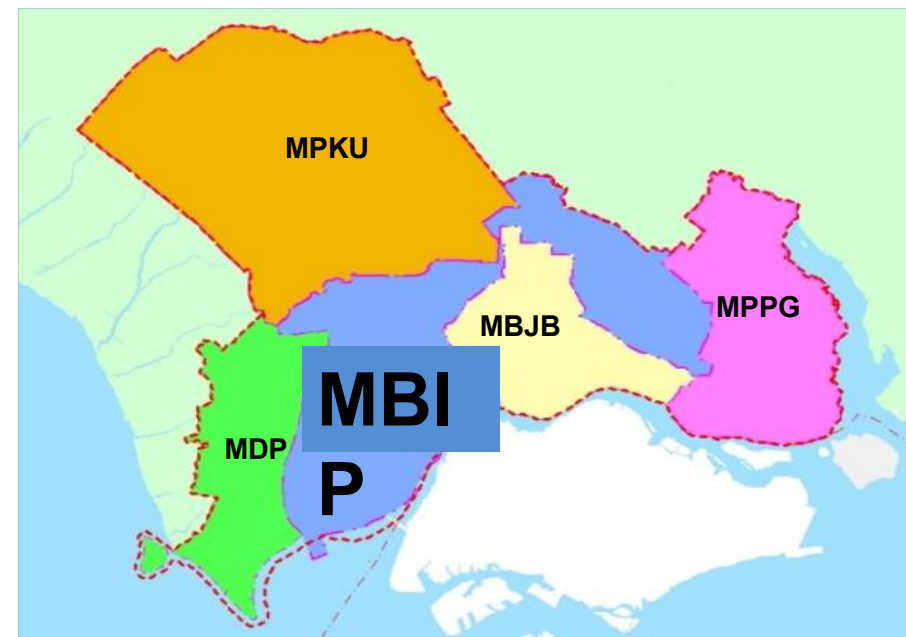
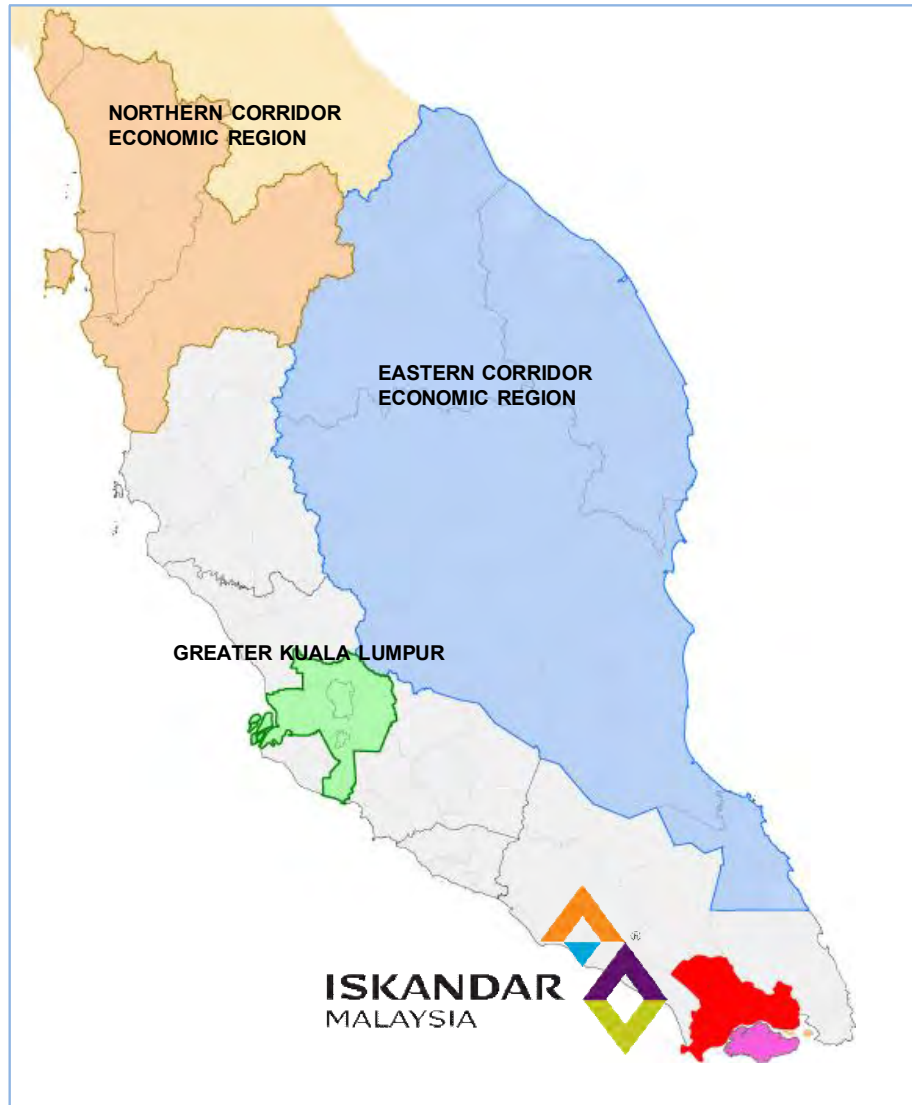
- SMART CITY INTERVENTION TO ACCELERATE
ISKANDAR MALAYSIA VISION



- IRDA - MBIP COLLOBORATION TOWARDS A
SMART AND FUTURE CITY OF ISKANDAR



ISKANDAR MALAYSIA BOUNDARY : *WHERE IS THE BOUNDARY?*



Iskandar Malaysia covers **5** local planning authorities.



THE BUSINESS PLAN FOR ISKANDAR MALAYSIA – CDPii:

WHAT IS CDP?



CDPii is prepared under the provision of the IRDA Act 2007, Act 664.



Section 23 of the Act states that IRDA shall prepare the CDP to **provide overall frameworks, vision and objectives** for the development of Iskandar Malaysia from physical, economic and social perspectives.



Five(5) Big Moves to lead Iskandar Malaysia towards becoming a Sustainable Metropolis of International Standing.



Big

#1



Inclusive Iskandar Malaysia

Mainstream wealth sharing through spatial development to achieve a resilient and inclusive society in Iskandar Malaysia

Big

Move #2



Greening Iskandar Malaysia

Transforming Iskandar Malaysia into a green and low carbon region through urbanscape and protection of ecology

Big

Move #3



Destination Iskandar Malaysia

Leveraging on assets and resources of Iskandar Malaysia to create a fulfilling visiting experience that will further enhance the local tourism industry

Big

Move #4



Port Iskandar Malaysia

Positioning Iskandar Malaysia as a world class dynamic logistics and maritime hub in ASEAN and Asia Pacific

Big

Move #5



Iskandar Malaysia Urban Observatory

A single window that shall seamlessly link people to information data and resources that shall enhance service transparency and position Iskandar Malaysia as a competitive global region



SMART CITY INTERVENTION TO ACCELERATE ISKANDAR MALAYSIA

VISION : *WHY SMART CITY?*



As a tool to expedite Iskandar Malaysia vision and holistic ecosystem

Focusing on infrastructure strengthening to support economic expansion and quality of life.



Smart City Iskandar Malaysia
was endorsed by Malaysia Prime Minister,
on **1st November 2012**,
in the 2nd inter session GSIAC meeting in KL



HOW we focus, think and implement

Attract economy
through smart
investment

Smart governance
that focus on
'rakyat' needs

Manage
environment
through smart
collaboration

Provide smart
mobility and
connectivity

Produce smart
people and mindset

Provide smart living
quality

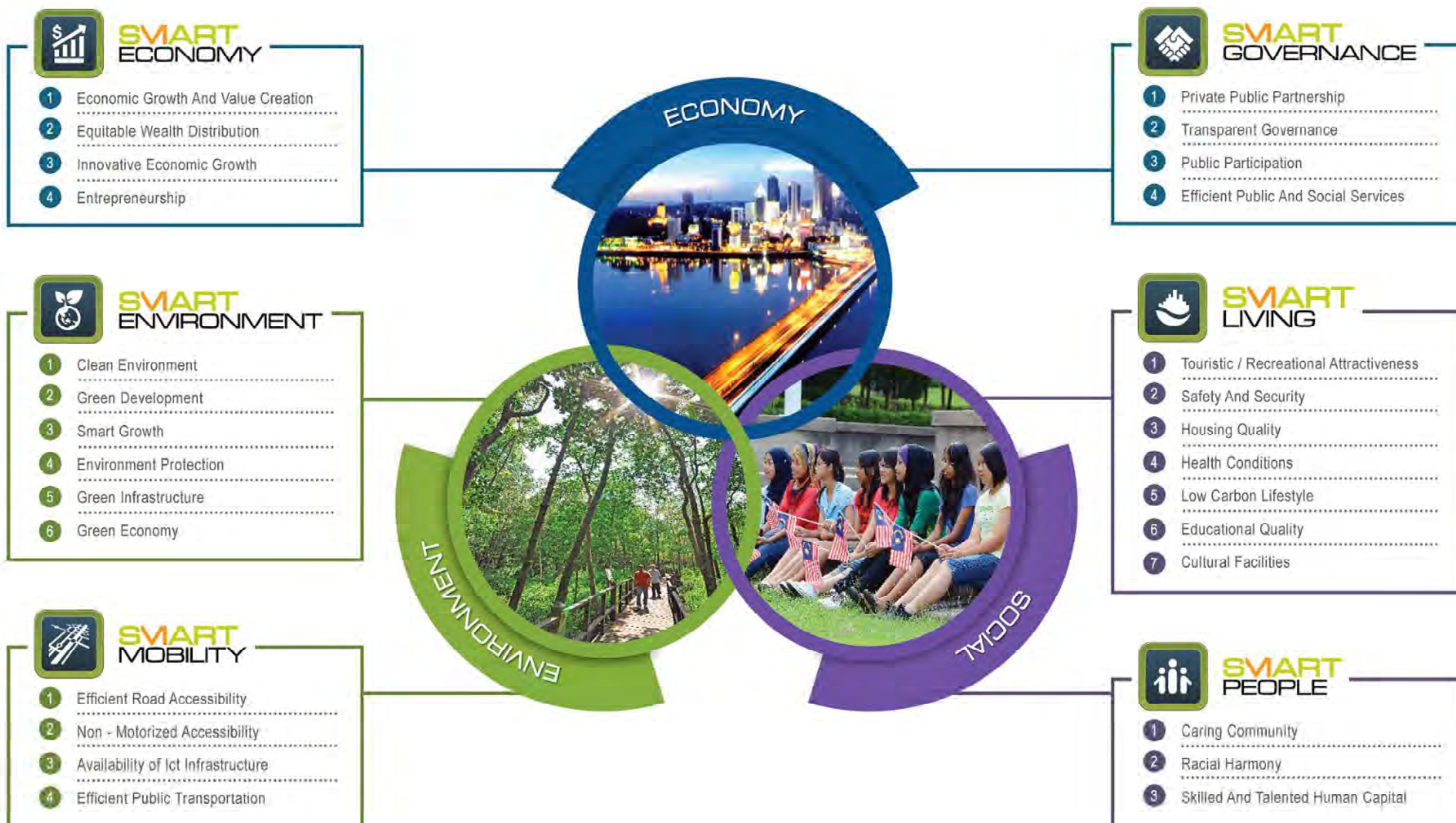


SMART CITY INTERVENTION TO ACCELERATE ISKANDAR MALAYSIA

VISION : *WHY SMART CITY?*



Smart City Iskandar Malaysia Framework – 3 Focus Areas, 6 Dimensions & 28 Characteristics





Smart City Iskandar Malaysia Progress Update



Completed Key Projects



Integrated Operations Centre (IOC) - Inneonusa



MaGICX

The anchor for games geared to be nucleus of IM Innovation Valley



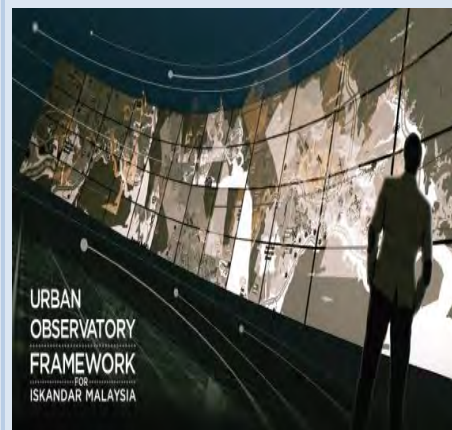
Sungai Segget Rejuvenation SCADA System



- ✓ 5 townships received recognitions
- ✓ 8 community events and happening

Smart Healthy City & Community

On-going Key Projects



IM Urban Observatory

IMBRT, Mobility Management System and Intelligent Transportation system



Global District Energy



Johor International Youth Hub Programs and engagement process



Stakeholders Updates and collaboration



Guidelines for Recognition

to show appreciation to stakeholders who support and embrace Smart City in their development.

- ✓ Collaboration with National IT Industry Promotion Agency, Korea (NIPA)
- ✓ **Study has completed**
- ✓ Currently testing stage with developer **Medini** and **UMLand**

Recognition Criteria

- Physical Space
- Green Infrastructure / Utilities
- Connectivity
- Integrated Operation Centre
- Smart Services

Collaboration with Federal Agency

KPKT has been given mandate to develop **Smart Urban Development in Malaysia 2018-2025**

A guide to ensure the implementation of a systematic smart city initiatives in Malaysia

- ✓ IRDA involved in preparing the draft to appoint consultant
- ✓ IRDA appointed as **Technical Committee** and **Working Group**
- ✓ Current status . obtain approval level to issue RFP to appoint consultant.

Futuristic Iskandar Malaysia Advisory Council



- ✓ To bring together all relevant and key stakeholders related to any **futuristic initiatives** within IM
- ✓ To be **proactive** and **pre-empt** our strategies to be aligned to whatever changes the future will bring.
- ✓ 3 meetings in 2017

Members of FIMAC

- 5 local authorities
- Professional bodies
- Academia
- Technology Partners
- Service provider
- Economic sectors
- Real estate



IRDA - MBIP COLLABORATION TOWARDS A SMART AND FUTURE CITY OF ISKANDAR MALAYSIA : *WHERE WE ARE?*



Smart Economy

Key promoted sectors development are located within MBIP.



Education



Creative



Health care and Bio technology



Tourism



Smart Governance



MBIP will have the 1st Integrated City Management in Iskandar Malaysia

IRDA introduced Smart City Action Plan with PBT to realize Johor to become Digital Government

Daily Operations and Services

Project Implementation

Benefits of Implementing smart initiatives

1. Enhance PBTs day-to-day operation via smart solution
2. Assist PBTs to manage urban challenges based on current trends
3. Supporting PBTs in planning based on facts and trends / scenario

PBT wide initiatives



Platform to manage complaint



Framework for integration of PBT inter-department

1 PBT – 1 pilot initiative

PBT	SMART SOLUTION
MBJB	Smart Traffic Management
MBIP	Integrated City Management
MPPG	Energy saving programs
MPKU	Integrated Sensor System
MDP	Capacity enhancement thru smart partnership

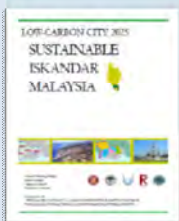


Smart Environment

Low Carbon Action Plan for MBIP

2009

* Preliminary Study: Brochure Low Carbon City 2025 Sustainable Iskandar Malaysia



2012

*Low Carbon Society Blueprint for Iskandar Malaysia 2025 - Summary for Policymakers



2013

*Low Carbon Society Blueprint for Iskandar Malaysia 2025 - Full Report
*A Roadmap towards Low Carbon Iskandar Malaysia 2025
*Iskandar Malaysia: Actions for a Low Carbon Future



2014

*Low Carbon Society Brochures for 5 Local Authorities
*Your Guide To Low Carbon Lifestyles in Iskandar Malaysia



2015

*Low Carbon Society Action Plan 2025 for 5 Local Authorities in Iskandar Malaysia (Johor Bahru, Johor Bahru Tengah, Pasir Gudang, Kulai & Pontian)



2016



2017

GHG document officially launched at COP23, Bonn, Germany





Smart Healthy Lifestyle

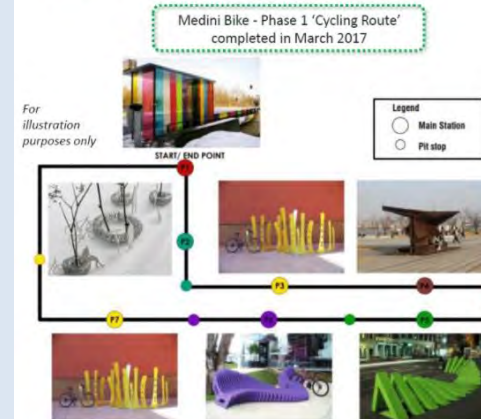
MBIP ground as venue for major lifestyle activities



Medini City having the longest cycling lane in IM



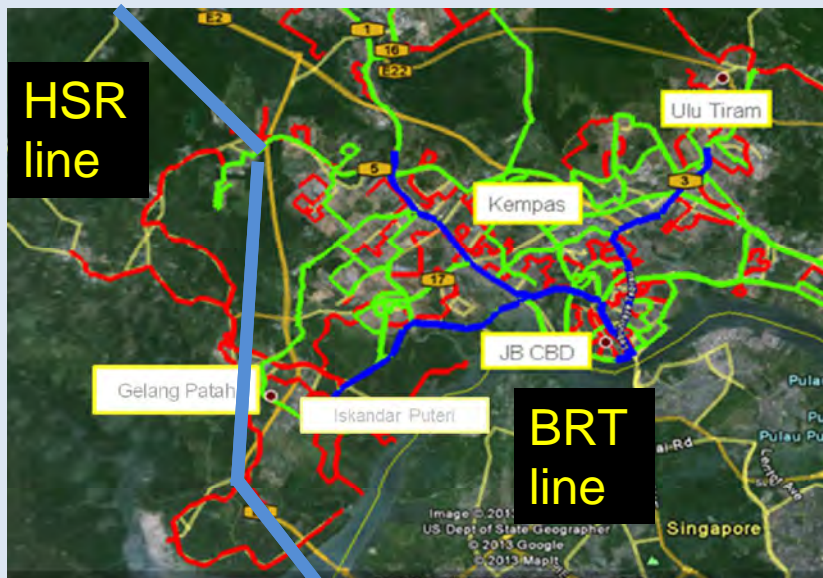
Medini Cycling Path / Route





Smart Mobility

Iskandar Puteri will have the 1st line of IM BRT completed by 2021 and HSR station by year 2026



Smart People

Kg Sungai Melayu is the 1st successful Kawan Iskandar Malaysia program





In summary:



**IRDA is looking forward to collaborate further with MBIP
towards making
MBIP as 1 of the PREMIER BANDARAYA in Malaysia**



**Smart
partnership**



**Strong support
State & Federal**



**Supportive
Communities**



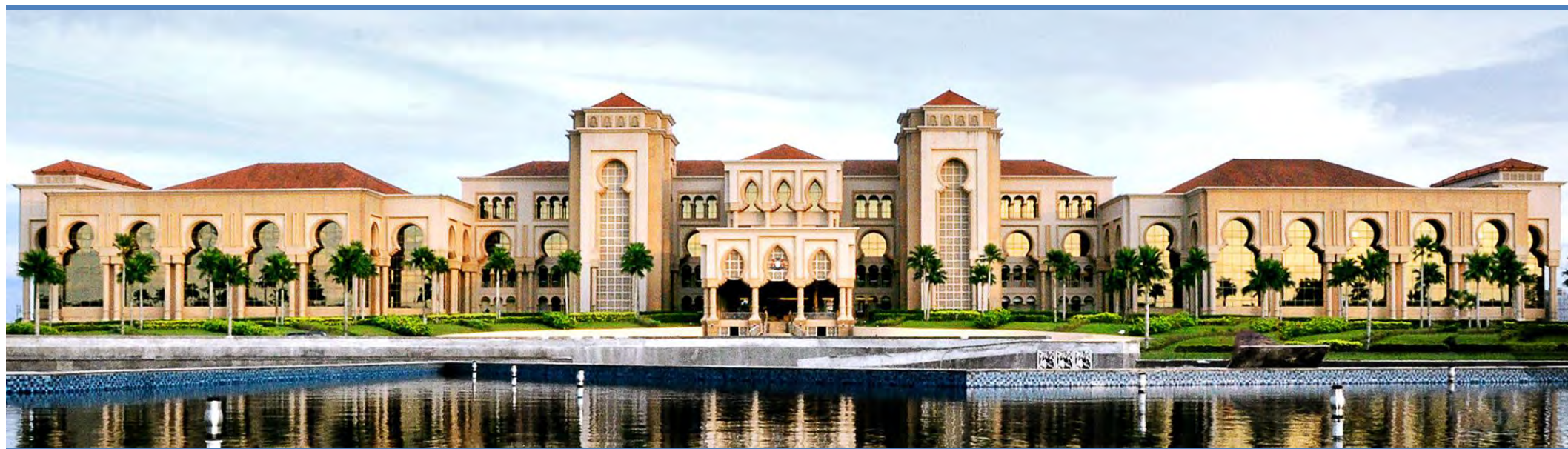
Fund / grants



**Promotion & public
awareness**



**Research /
Centre of Excellence**



THANK YOU



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