BUILDING SMART FUTURE CITY IN
ISKANDAR MALAYSIA

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ISKANDAR REGIONAL DEVELOPMENT AUTHORITY
PRESENTATION CONTENT

- ISKANDAR MALAYSIA BOUNDARY
- THE BUSINESS PLAN FOR ISKANDAR MALAYSIA ï CDPIi
- SMART CITY INTERVENTION TO ACCELERATE ISKANDAR MALAYSIA VISION
- IRDA - MBIP COLLABORATION TOWARDS A SMART AND FUTURE CITY OF ISKANDAR
Iskandar Malaysia covers 5 local planning authorities.
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 Move #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 Iskandar Malaysia Framework – 3 Focus Areas, 6 Dimensions & 28 Characteristics

**SMART ECONOMY**
1. Economic Growth And Value Creation
2. Equitable Wealth Distribution
3. Innovative Economic Growth
4. Entrepreneurship

**SMART ENVIRONMENT**
1. Clean Environment
2. Green Development
3. Smart Growth
4. Environment Protection
5. Green Infrastructure
6. Green Economy

**SMART MOBILITY**
1. Efficient Road Accessibility
2. Non-Motorized Accessibility
3. Availability of ICT Infrastructure
4. Efficient Public Transportation

**SMART GOVERNANCE**
1. Public-Private Partnership
2. Transparent Governance
3. Public Participation
4. Efficient Public And Social Services

**SMART LIVING**
1. Touristic / Recreational Attractiveness
2. Safety And Security
3. Housing Quality
4. Health Conditions
5. Low Carbon Lifestyle
6. Educational Quality
7. Cultural Facilities

**SMART PEOPLE**
1. Caring Community
2. Racial Harmony
3. Skilled And Talented Human Capital

**VISION: WHY SMART CITY?**
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 happenings

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 to 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 ISKANNDAR MALAYSIA: **WHERE WE ARE?**

**Smart Economy**

Key promoted sectors development are located within MBIP.

**Education**

- Newcastle University
- MDIS Malaysia
- NMIT Netherlands Management Institute Technology
- University of Reading Malaysia
- Raffles University
- Marlborough College Malaysia
- University of Southampton

**Creative**

- Imagination Malaysia Creative Industry Talent Development Program
- Film City
- Season G
- MagicX Media and Game Innovation Centre of Excellence

**Health care and Bio technology**

- Columbia Asia 21st Century Healthcare
- Afiniti Medini
- Cleneagles A Parkway Health Hospital
- Bio-xcell Malaysia

**Tourism**

- Legoland Malaysia
- Granada Hotel 190 Rooms
IRDA introduced Smart City Action Plan with PBT to realize Johor to become Digital Government

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

1 PBT – 1 pilot initiative

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In 2017, the GHG document was officially launched at COP23, Bonn, Germany.
Smart Living

Smart Healthy Lifestyle

MBIP ground as venue for major lifestyle activities

Medini City having the longest cycling lane in IM

Medini Cycling Path / Route

For illustration purposes only.
Iskandar Puteri will have the 1st line of IM BRT completed by 2021 and HSR station by year 2026

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.
THANK YOU

www.iskandarmalaysia.com.my