

Johor Bahru

About the City

Total Land Area	220 km ²
Population	1.5 million
Density	6,909 /km ²

Chief Smart City Officer



Name: Ms Maimunah Jaffar
Designation: Head, Planning & Compliance
Email: maimunah@irda.com.my

Smart City Action Plan

VISION

To develop Johor Bahru smart city into a strong and sustainable metropolis of international standing.

FOCUS AREAS

- **Good Governance**
 - o Improve decision-making in planning
 - o Improve government transparencies in tracking development progress, policies and targets
- **Quality Environment**
 - o Reduce consumption of energy which include electricity, gas and water (resource access & management)

STRATEGIC TARGETS

- By 2022: To increase the number of planning approvals using smart data assessment tools by 50%
- Increase water reserves by 15% - 20%



Smart City Project 1
Iskandar Malaysia Urban Observatory (IMUO) Tool For Decision Making, Stocktaking And Measurement

OVERVIEW

To ease decision-making in planning and to improve government transparencies in tracking development, policies and targets, Johor Bahru aims to improve its planning approval process via informed decision-making. Johor Bahru plans to develop a Central Data Centre, the Iskandar Malaysia Urban Observatory (IMUO) to collate, update, analyse, manage and disseminate data. IMUO will also function as a Knowledge Hub to improve regional urban knowledge, and as a Monitoring and Assessment Centre to monitor development progress. IMUO could also provide technical services that aid programme monitoring and capacity building for policy implementation at the city and regional level.

SUPPORT REQUIRED

- Funding support
- Technical Advisory Services and Advanced Analytics
- Enhanced Big Data Centre capabilities

Smart City Project 2
Integrated Urban Water Management Blueprint Which Include Sourcing Of New Water Solutions And Enhancement

OVERVIEW

In 2018, Johor Bahru’s water reserves could only meet 8% of the water demand, and is expected to decline to 5% in 2019. Through an Integrated Urban Water Management blueprint, Johor Bahru is determined to improve water sustainability practices to increase water reserves by 20% all year round and to source for new water sources through innovation and technology. Johor Bahru plans to upgrade existing water plants with advanced technology and smart water management systems.

SUPPORT REQUIRED

- Political support from the Federal and State water agencies to establish a framework on water resource management

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