

Kuching

About the City

Total Land Area	2,031 km ²
Population	680,000
Density	336 / km ²

Chief Smart City Officer



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Smart City Action Plan

VISION

Kuching envisions to improve the quality of life and achieve smart city status through digital transformation.

FOCUS AREAS

- **Mobility**
 - o As Kuching city develops, traffic congestion has become one of the major challenges facing the city. Kuching city is known for car-dependent city. The study shows that in 1% growth of the population there is 2% growth in vehicle registration. The government is embarking on plan to improve the public transport system and ensure efficient mobility of the people.
- **Urban Resilience**
 - o Kuching city is a riverfront city, located in a low lying area. Kuching experienced occasional serious flooding problem especially during the rainy season. The government has implemented several flood mitigation projects to ensure fast flushing of overflow water to the sea.

STRATEGIC TARGETS

- To reduce commuting time by 15% to 30%
- To increase the number of digitally connected and managed traffic lights from 32 to 140 junctions.
- To Integrate smart technologies into flood management system
- To align Kuching's competitiveness with national and international agendas
- To provide a collaborative space between the stakeholders and strategic planners



- To improve the international standing of Kuching
- To enable stakeholders to address the urbanization issues through the smart city components developed, which thereby improves the well-being and quality of life

Smart City Project 1
Smart Mobility - Integrated Smart Traffic Light System

OVERVIEW

This project aims to ease the traffic congestion in Kuching city through smart management of the traffic flow using digital technology. Out of the 140 signalised junctions, only 32 have been digitally connected and managed as the pilot projects only cover 4 major routes. The government plans to expand the project to cover all major urban roads and signalised junctions in Kuching City so as to coordinate the traffic flow with better synchronised traffic lights and provide ‘real time’ traffic information.

SUPPORT REQUIRED

- Technical support
- Funding

Smart City Project 2
Integrated Flood Management and Response System

OVERVIEW

This project aims to better alert the response team or the Disaster Committee, to flooding events to ensure safety of the people and property. An efficient monitoring and response system will reduce the occurrence of flash floods and waterlogging in flood prone areas.

SUPPORT REQUIRED

- Technical support
- Funding

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