



# BANDAR SERI BEGAWAN



# Development of Smart City For Bandar Seri Begawan



- **Relevant to Brunei Vision 2035**
- **Relevant to BSB Development Master Plan in 2011**
  - ❖ **Expansion of Bandar Seri Begawan**
  - ❖ **( Capital City expansion on 1<sup>st</sup> August 2007)**  
**Expansion of Bandar Seri Begawan municipal boundary from 12.87 square kilometres (1,287 hectares) to 100.36 square kilometres (10,036.24**





# BRUNEI RIVER IN BANDAR SERI BEGAWAN TODAY

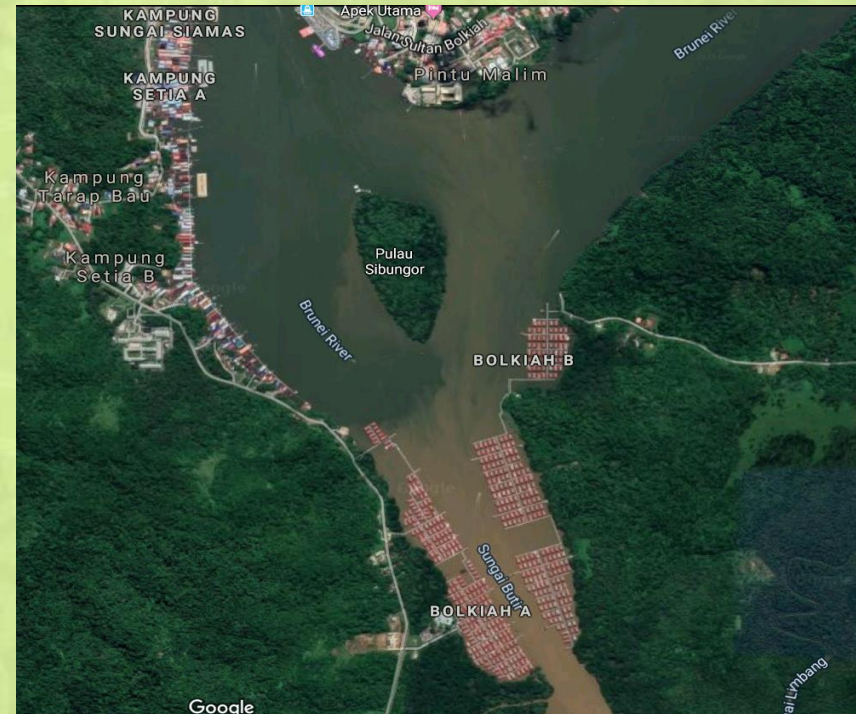
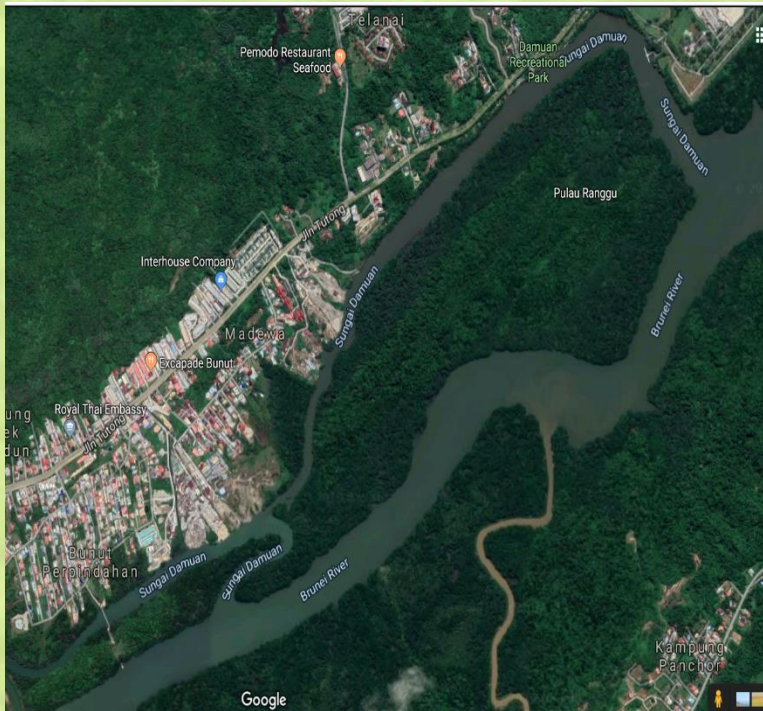






# Smart City Project :

## Clean River Management Project







## **PROBLEMS AND CHALLENGES ON WATER POLLUTION IN BRUNEI RIVER (WATER VILLAGE)**

- ☐ **Monitoring.** It is difficult to ensure consistent monitoring of it through conventional means
- ☐ **Seeking alternative funding other than government budgets**
- ☐ **Coordination mechanism**
- ☐ **Implementation and enforcement**

# STATUS OF EFFORTS (MITIGATION PROJECTS)

## DAILY HOUSE-TO-HOUSE WASTE COLLECTION

### Coverage Area



1,795 Houses



10 Mosques



12 Schools



8 Other  
Institutions





# STATUS OF EFFORTS (MITIGATION PROJECTS)

## DAILY HOUSE-TO-HOUSE WASTE COLLECTION





# STATUS OF EFFORTS (MITIGATION PROJECTS)

## COLLECTION OF WASTE UNDERNEATH HOUSES





# STATUS OF EFFORTS (MITIGATION PROJECTS)

## COLLECTION OF FLOATING WASTE





# STATUS OF EFFORTS (MITIGATION PROJECTS)

## INSTALLATION OF FLOATING DEBRIS BOOMS

Edinburgh Bridge



Kg Pengiran  
Bendahara Lama



Berakas River



Kianggeh River





# STATUS OF EFFORTS (MITIGATION PROJECTS)

## INSTALLATION OF FLOATING DEBRIS BOOMS

**Kg Pengiran  
Bendahara Lama**



**Kg Pintu Malim**



**Kg Saba Darat 'B'**



**Kg Saba Darat 'B'**







# Ways forwards

- need technical and technological support from professional expertise
- assistance in consultancy work for a feasibility study in implementation of solid waste management for Brunei River for a sustainable river management





# BANDAR SERI BEGAWAN



THANK YOU