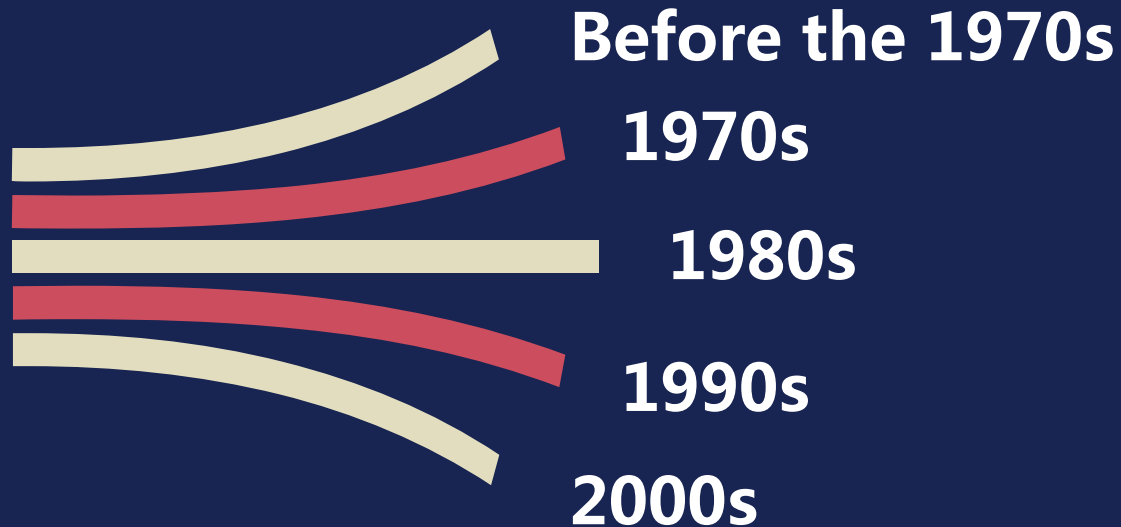


# EXPERIENCES IN DRIVING ITS FORWARD IN KUALA LUMPUR

En Mahfix Omar

Former Director Department of Urban Transportation, DBKL

# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR





0

Before the 1970s

# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



**DIFFERENT MODES OF TRANSPORT**



# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



**DIFFERENT MODES OF TRANSPORT**

# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



**Mountbatten Road (Jalan Tun Perak) - 1964**



**Central Market – circa 1920s**



**Masjid Jamek – circa 1950s**



# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



**Mountbatten Road (Jalan Tun Perak) - 1957**

# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



**Jalan Kinabalu - circa 1960s**

# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



- **BICYCLE & TRISHAW (MOST COMMON)**
- MOTORBIKE
- AUTOMOBILE
- BUS
- LORRY
- RAIL
- BOAT

## MODES OF TRANSPORT



## TRAFFIC CONTROL

SELF REGULATED OR TRAFFIC WARDENS CONTROLLED

## SAFETY

- NO STREET LIGHTING YET, LIMITED DRIVING HOURS
- INITIAL ROAD SIGNAGES WITH ROAD MARKING





# 01

## The 1970s

# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR

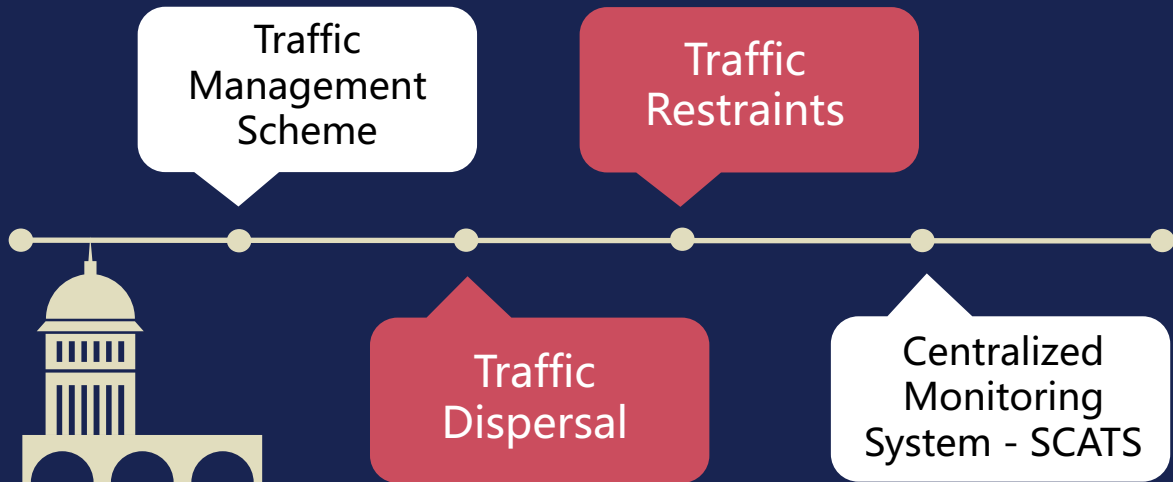


Signalized Traffic Intersections in the 1970s





The introduction of **Signalized Traffic Intersections** in Kuala Lumpur brought along the following initiatives...





## 2<sup>nd</sup> KL Urban Transportation study by World Bank (Wilbur Smith)

### Remove Roundabouts

- Middle Ring Road
- Connect missing links
- Central Area Circulation
- Traffic Junction Improvement

1

### New modes of Public Transport

- Mini buses

3

### Area Traffic Control

- Coordinated Intersections using SCATS

2

4

### Area Road Pricing



# 02

The 1980s



South Valley  
Klang Valley  
Expressway

SKVE Menghubungkan Komuniti  
hubungan masa depan ini

Menghubungkan destinasi utama di Lembah Klang  
dengan Pulau Indah di Klang



## JICA Klang Valley Study

Gave birth to SKVE, NKVE

# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



- Bus Amalgamation (8 stages > Intrakota)
- Aerobus



# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



KL – Seremban  
Highway, the  
main expressway  
in Malaysia  
starts operation  
in 1980s



# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



Introduction of Bus Lanes and High Occupancy Vehicle Lanes in Kuala Lumpur





03

The 1990s

# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR





- **JICA ITS STUDY**
- **SMURT**
- **ATC**





04

The 2000s

# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



01

DBKL launches the **Integrated Transport Information System (ITIS)** in 2006



02

**LRT3** began operations with **two integrated station design**



03

**MRT** launches with a total track length of 150km



04

**SCATS** is continually used, upgraded and manages most critical CBD intersections in Kuala Lumpur.



# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



**Integrated Transport Information System Center  
in Bukit Jalil**

# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



**SMART TUNNEL**



# EXPERIENCES THROUGH DIFFERENT ITS ERAS IN KUALA LUMPUR



**Improved Road  
Safety Devices**



**Smart Buses**

**e-Hailing  
Services**



**Micro mobility  
Solutions**

**GPS Navigation**



**Electric Vehicles**



**THANK YOU**