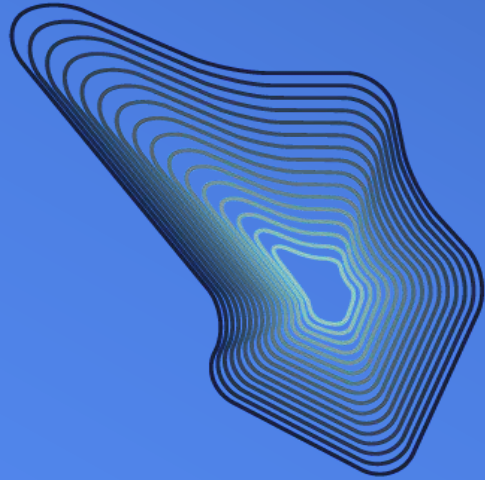




SMART
SELANGOR

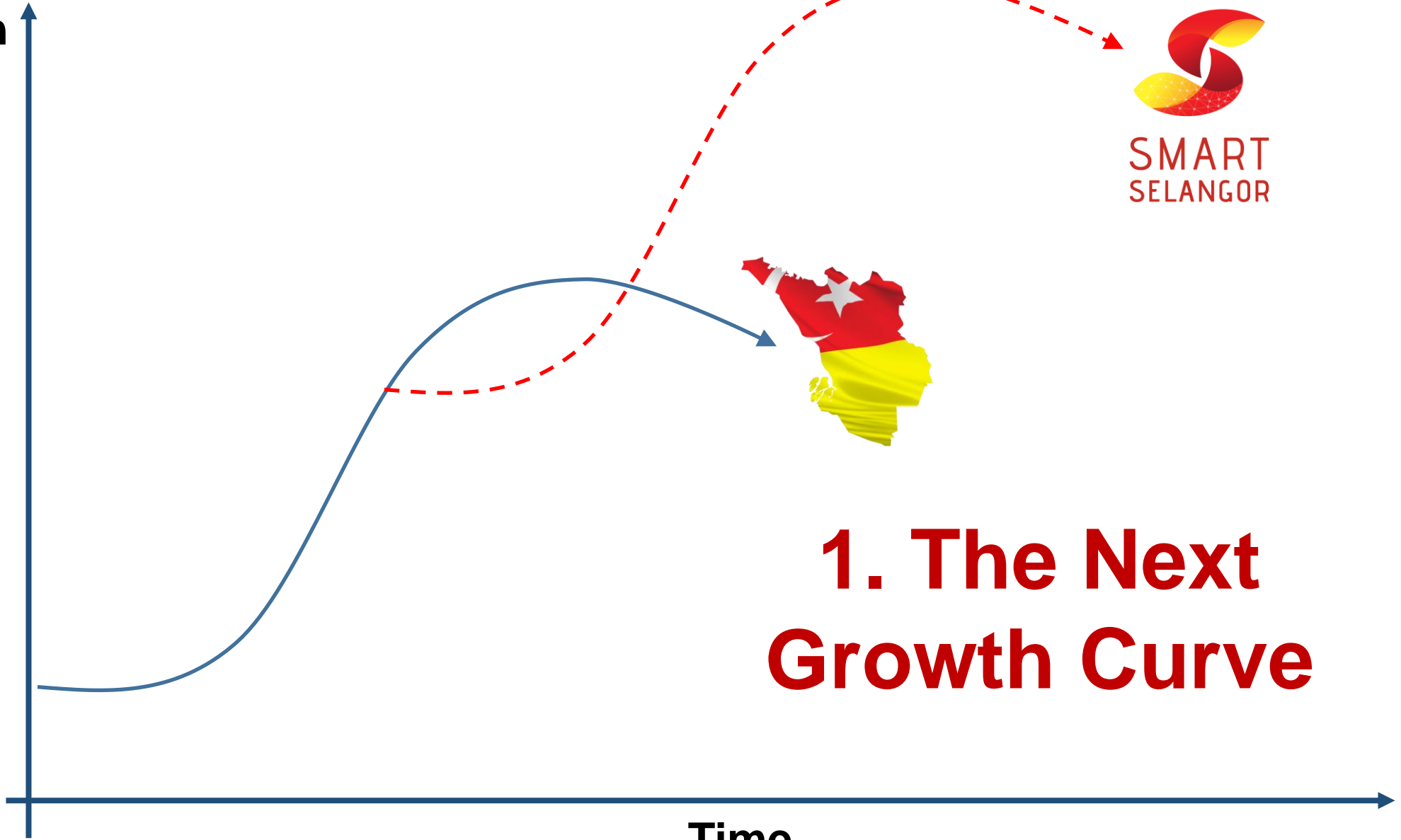


**SMART SELANGOR
DELIVERY UNIT**

100% state-owned GLC through Menteri Besar Selangor
Incorporated (MBI)

**Principal Designer &
Integrator of Smart
State Solutions**

**Economic
Growth**



1. The Next Growth Curve

Time

ASEAN

SMART CITIES NETWORK

Pilot Cities



TABLE OF CONTENTS

	Sections	Page
1.0	Introduction	5
2.0	Selangor the Golden State of Malaysia	5
2.1	Background	5
2.2	Selangor's Current Success	7
2.3	What Challenges Does Selangor Face Today?	8
2.4	What is Smart Selangor?	8
2.5	Why a Smart State?	9
2.6	What would a Smart State Look Like?	10
3.0	How do We Become a Smart State?	11
3.1	Smart Selangor Action Plan Implementation Framework	12
3.2	SSAP Addressing Citizen Needs	15
4.0	Smart Government: Catalyst for Change	17
4.1	What is Smart Government?	17
4.2	The Need for Smart Government	17
4.3	How Do We Become a Smart Government?	17
4.3.1	Become a Data-driven Government to Improve Service Responsiveness	17
4.3.2	Make it Easy to Deal With	18
4.3.3	Become Fit for Digital Age	18
4.4	Initiatives for Smart Government and Success Indicators	19
5.0	Smart Economy: Capturing Possibilities	21
5.1	What is Smart Economy?	21
5.2	Why We Need to Embrace Digital Economy?	21
5.3	How do We Make the Transformation into Digital Economy?	22
5.3.1	Digitalising Industries	22
5.3.2	Creating Ecosystems	23
5.3.3	Initiating Development of New Ecosystems	23
5.4	Initiative for Smart Economy and Success Indicators	24
6.0	Smart Communities: Better Living Through Technology	26
6.1	What is Smart Community?	26
6.2	Why Smart Community?	26
6.3	How do We Build Smart Community?	26
6.3.1	Access to Easy-to-Use Digital Tools	26
6.3.2	Getting Citizens to be Digitally Literate	27
6.3.3	Encourage Adoption to Create a Positive Impact	27
6.4	Initiatives for Smart Economy and Success Indicators	28
7.0	Smart Digital Infrastructure: Enabling The Smart State	30
7.1	What is Smart Digital Infrastructure?	30
7.2	How do We Build Our Smart Digital Infrastructure?	30
7.3	Initiatives for Digital Infrastructure and Success Indicators	31
8.0	Smart Selangor Action Plan Addresses Several RSNS 2035 Policies	33
9.0	Roadmap	46
10.0	Putting It All Together	50
10.1	SSAP Initiatives and Success Indicators	50
10.2	Mapping SSAP Initiatives Back to SSAP Objectives	52
11.0	Summary	53
12.0	Appendix	55
13.0	References	62



**SMART
SELANGOR**

Smart Selangor Action Plan 2025

www.smartselangor.com.my/publications

SMART SELANGOR ACTION PLAN 2025 SUMMARY

SMART SELANGOR VISION

SELANGOR AS A **LIVEABLE SMART STATE** IN ASEAN BY 2025

OBJECTIVES

ENABLING **LIVEABLE, ECONOMICALLY PRODUCTIVE, ENVIRONMENTALLY CONCIOUS** COMMUNITIES THROUGH ADOPTION OF DIGITAL TECHNOLOGIES

DOMAINS

SMART DIGITAL
INFRASTRUCTURE

SMART
GOVERNMENT

SMART
ECONOMY

SMART COMMUNITIES

BASES

1. SELANGOR STATE STRUCTURAL PLAN 2035
2. CITIZEN CHALLENGES SURVEY 2020 (51,515 respondents)
3. 2016 SMART SELANGOR BLUEPRINT

DELIVERABLES

60
INITIATIVES

10
OUTCOMES

60
SUCCESS
INDICATORS

23
INTERNATIONAL
INDICATORS USED

26
ADDRESSES LONG
TERM STATE RSNS
2035 POLICIES

SMART SELANGOR ACTION PLAN 2025 DOMAINS, OUTCOMES & WEIGHTAGES

SMART SELANGOR ENABLERS (60%)

Planning (15%)

Plan
(4%)

Budget
(7%)

Coordination
(2%)

Stakeholders
Awareness
(2%)

Policy & Legal Framework (5%)

Policy
(2%)

Legal
(3%)

Infrastructure (40%)

Physical
(5%)

SMART SELANGOR DOMAINS (40%)

Smart Government (20%)

Easy to Deal With
(10%)

Responsive
(5%)

Fit for Digital Age
(5%)

Smart Economy (10%)

Digitalise SMEs
(2%)

Develop SME
Ecosystems
(4%)

Initiate New Strategic
Ecosystems
(4%)

Smart Community (10%)

Liveable
(4%)

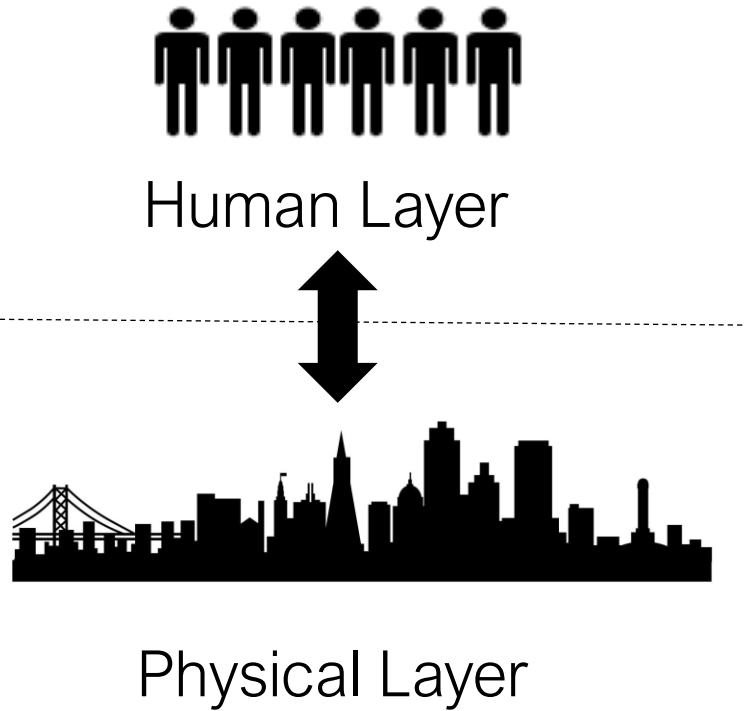
Digitally Literate
(3%)

Environmental
Sustainability
(3%)

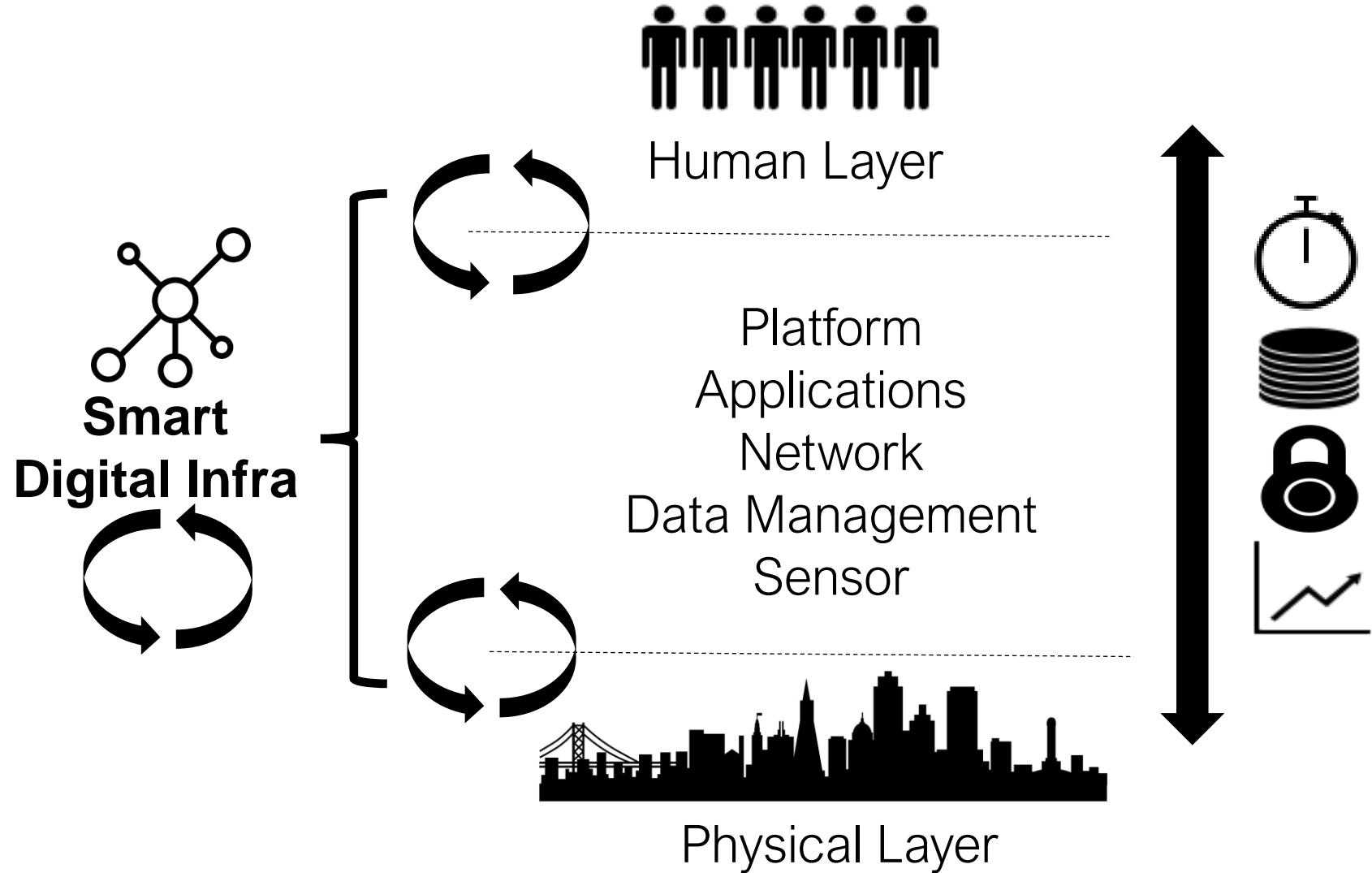
Smart Digital Infrastructure (35%)

Develop, Installed,
Operationalised
(35%)

Conventional



Smart



Conventional vs Smart

Users



Citizens



Industries & Corporations



Government, GLCs & State Agencies

Smart Apps / Use Cases



Analytics Dashboard



Transport Info



Citizen Platform



Waste Services



Potholes

Non-exhaustive list



Smart Application Development Platform



Big Data & Analytics Platform



Mobile App Platform

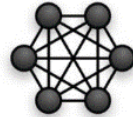


API Manager & Enterprise Service Bus

Infrastructure & Platforms



Sensors



IoT Mesh

Internet of Things (IoT) Platform



Data Centre



Integrated Network

Integrated Data Centre & Network Operations Centre



Command & Control Centre

SMART SELANGOR IMPACT BY 2025

LIVEABILITY

ECONOMIC PRODUCTIVITY

ENVIRONMENTAL

50%

**VIOLENT CRIME
REDUCTION**

30%

TO NATIONAL GDP

30%

ENERGY REDUCTION

50%

**INCREASE IN PUBLIC
TRANSPORT RIDERSHIP**

5%

**AGRI CONTRIBUTION
TO GDP**

30%

RECYCLING RATE

50%

**FASTER GOVERNMENT
RESPONSES/APPROVALS**

200,000

SME DIGITALISED

3

**NON-LANDFILL
TECHNOLOGIES
IMPLEMENTED**

0

**UNSCHEDULED WATER
SUPPLY INTERRUPTIONS**

15,000

**SMART FACTORY
ADOPTERS**

**Class
III**

**RIVER WATER
QUALITY**

ALL

**PUBLIC PARKS, WATERBODY
MONITORED & ACCESSIBLE**

200,000

**CITIZENS TRAINED FOR
DIGITAL ECONOMY**

ALL

**TRUSTED HEALTHCARE
INFO ACCESIBLE ONLINE**

50

**NEW MAJOR
APPLICATIONS**

ALL

**HOUSEHOLD WASTE
MANAGEMENT UNDER SMART
WASTE MANAGEMENT**

DOUBLE

TOURIST ARRIVALS

ALL

**KG TRADISI PREPARED
FOR DIGITAL ECONOMY**



**SMART
SELANGOR**

Smart Government

“Government that uses digital technologies to derive data-driven policies from multiple data sources, deliver more responsive and efficient services that will be delivered quickly, seamlessly and equitably based around citizen needs and life events, adequately skilled to deliver world class digital services”



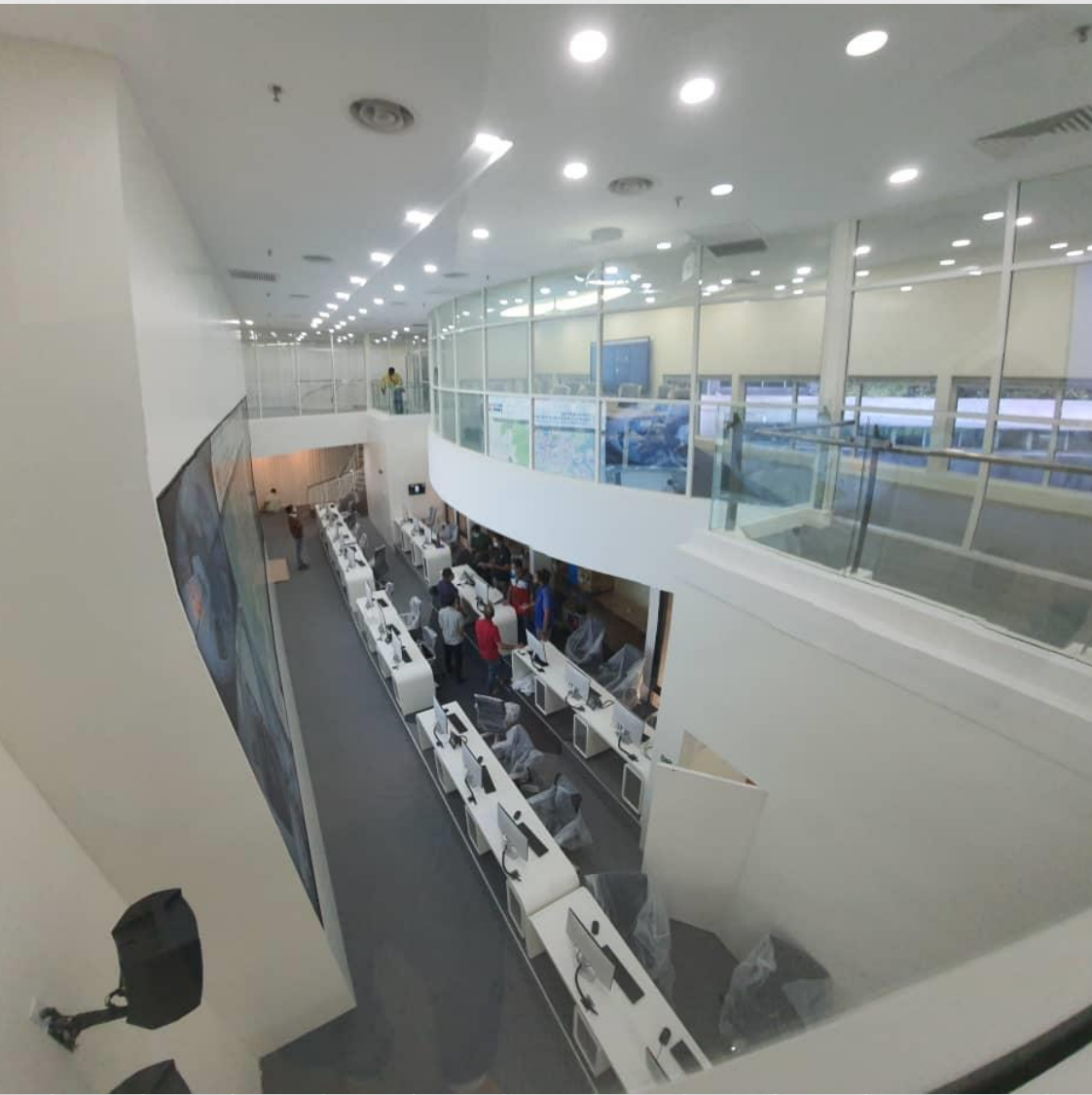
Smart Selangor Command Centre

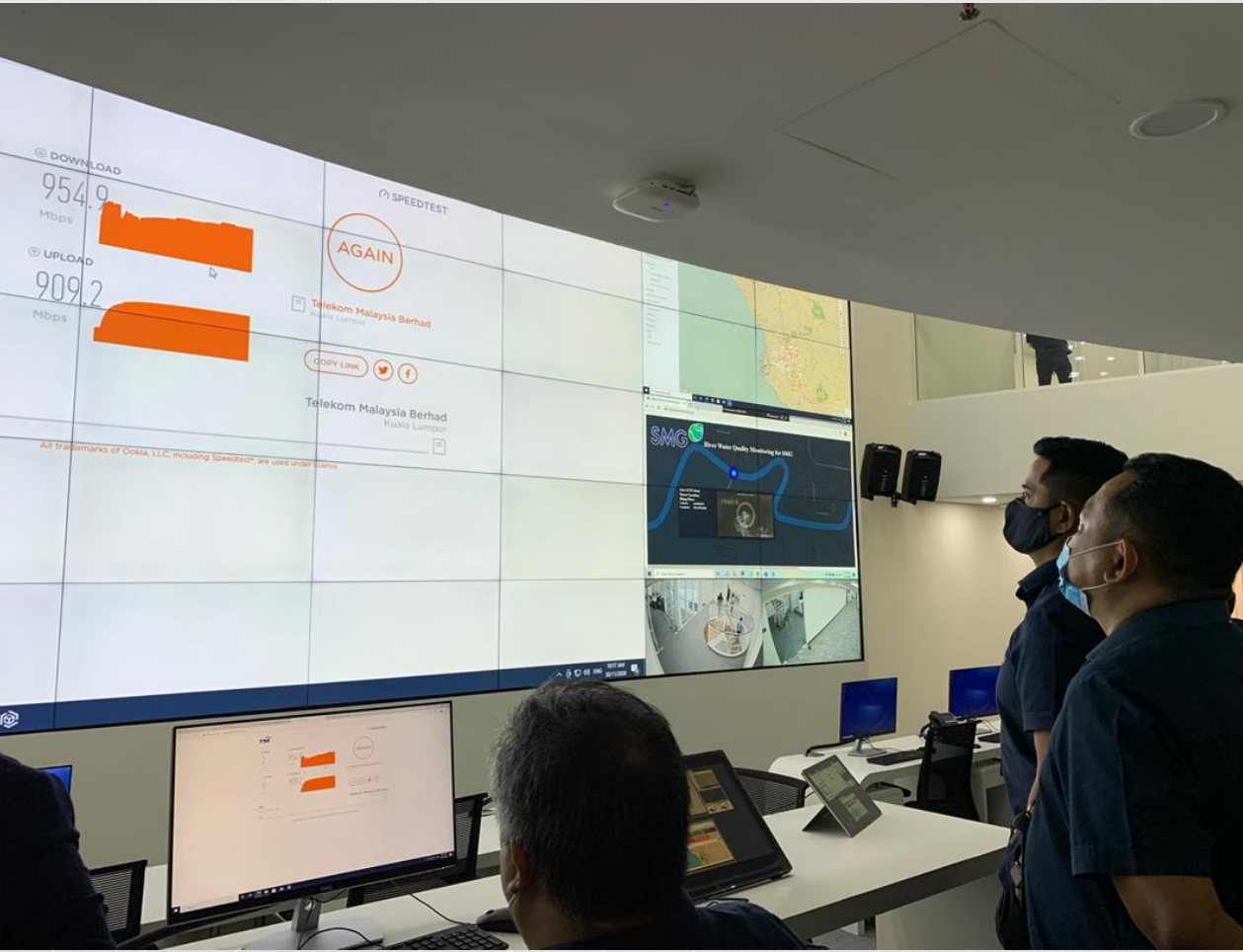
Operated by SSDU & Unit Pengurusan Bencana Negeri Selangor



Smart Selangor C5i Operations Centre

Dewan Jubli Perak SUK







Smart Waste Management

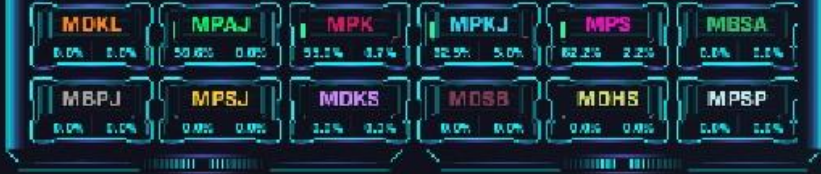
SMART WASTE MANAGEMENT DASHBOARD

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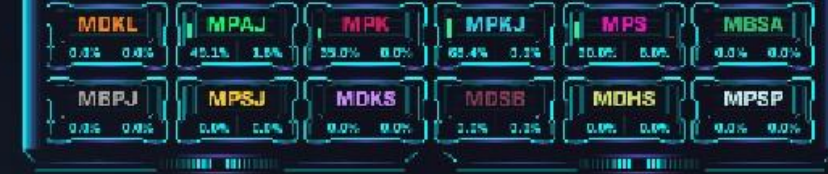
LORRY UTILIZATION (MTD)



DOMESTIC



PUBLIC



DOMESTIC MAP



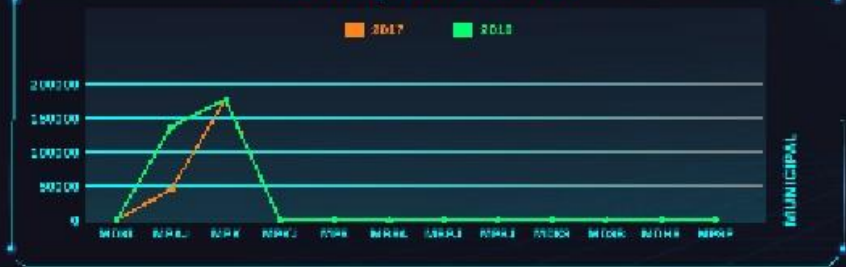
SATELLITE MAP



PUBLIC MAP



DOMESTIC YEAR TO DATE BY PBT



OUT OF ZONE FOR 26-02-2019

PLATE NUMBER	PBT	TIME IN ZONE (H)	ENGINE ON (H)
BPG8814	MPAJ	0.00	37.34
BPD6685	MPAJ	0.12	34.01
BK0381	MPAJ	0.00	35.03
BPD1440	MPAJ	0.00	33.27
BPD1038	MPAJ	0.00	3.83
BPF8470	MPAJ	0.00	33.02
BPH8194	MPAJ	0.00	30.92
BPF8108	MPAJ	0.28	37.88
BPF8854	MPAJ	0.00	30.81
BPD1412	MPAJ	0.00	7.00

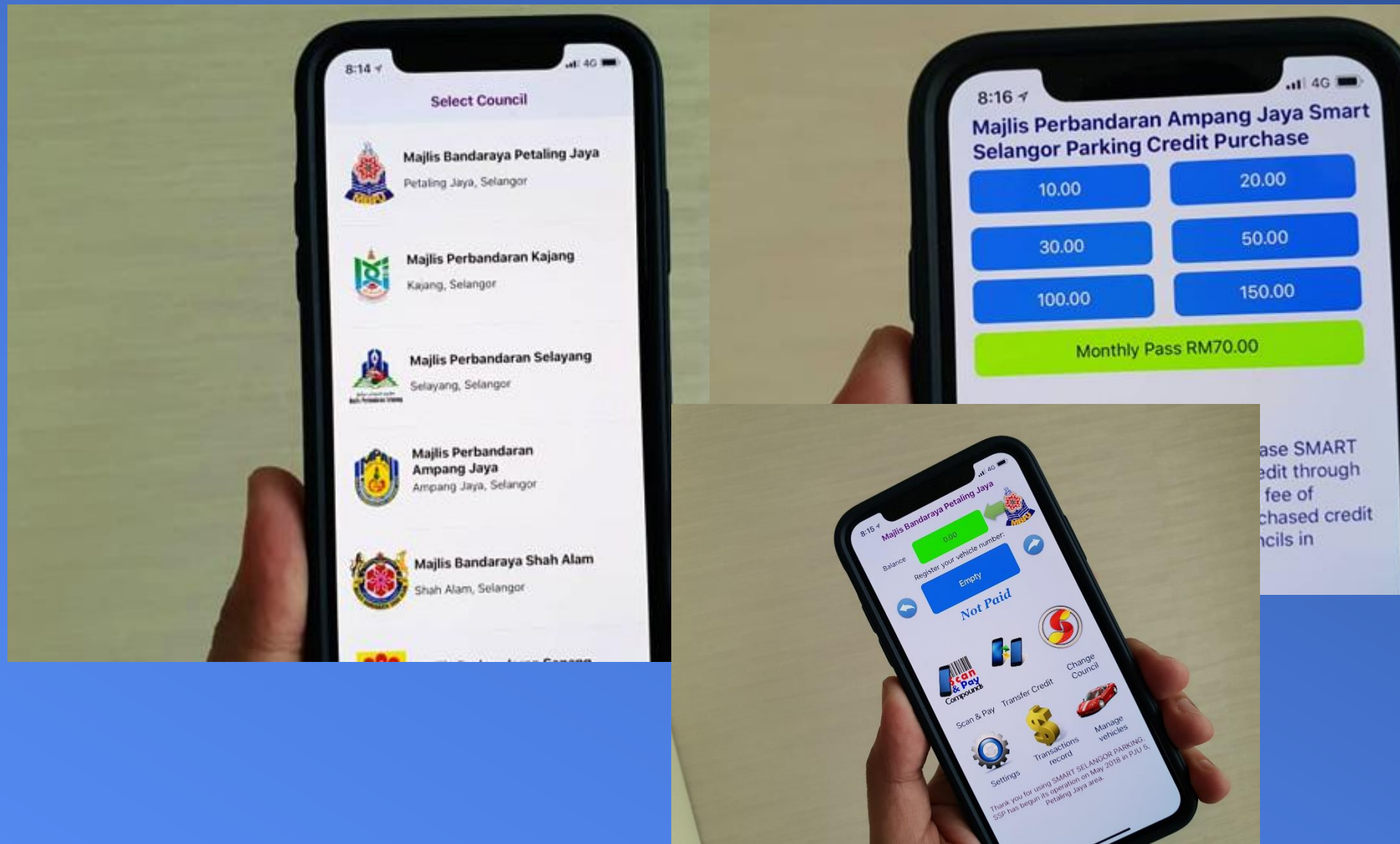
PUBLIC YEAR TO DATE BY PBT



Smart Selangor Parking



Improving your parking convenience



Smart Selangor Parking

1.3million Users, Annual transaction value: RM50 million



SSDU01

MAIN MENU

MAP

DASHBOARD

REPORTS

TRAFFIC FLOW

VEHICLES

ROUTES

CAMERAS

LIVE STREAM

TRAFFIC LIGHTS

WEATHER

LOGOUT

SUBANG JAYA

Map Satellite

HOME 144 TRAFFIC LIGHTS 41 CAMERAS 26 TRAFFIC FLOWS 9 ROUTES VEHICLE HEAT MAP GOOGLE TRAFFIC STATUS DARK MODE

TF15

Camera Info

Live Video Streaming

TF15 Psnr Kewajipan (Taipan LRT) SB

Status: Streaming

Charts

Intelligent Traffic Management

Pilot in MPSJ



**SMART
SELANGOR**

Smart Economy

“An economy based on digitalization of economic activities both in the digital and non-digital sectors using digitized information and knowledge as the key factor of production, modern information networks as an important economic driver and Information Communication Technology to drive productivity growth and optimize economic structures”



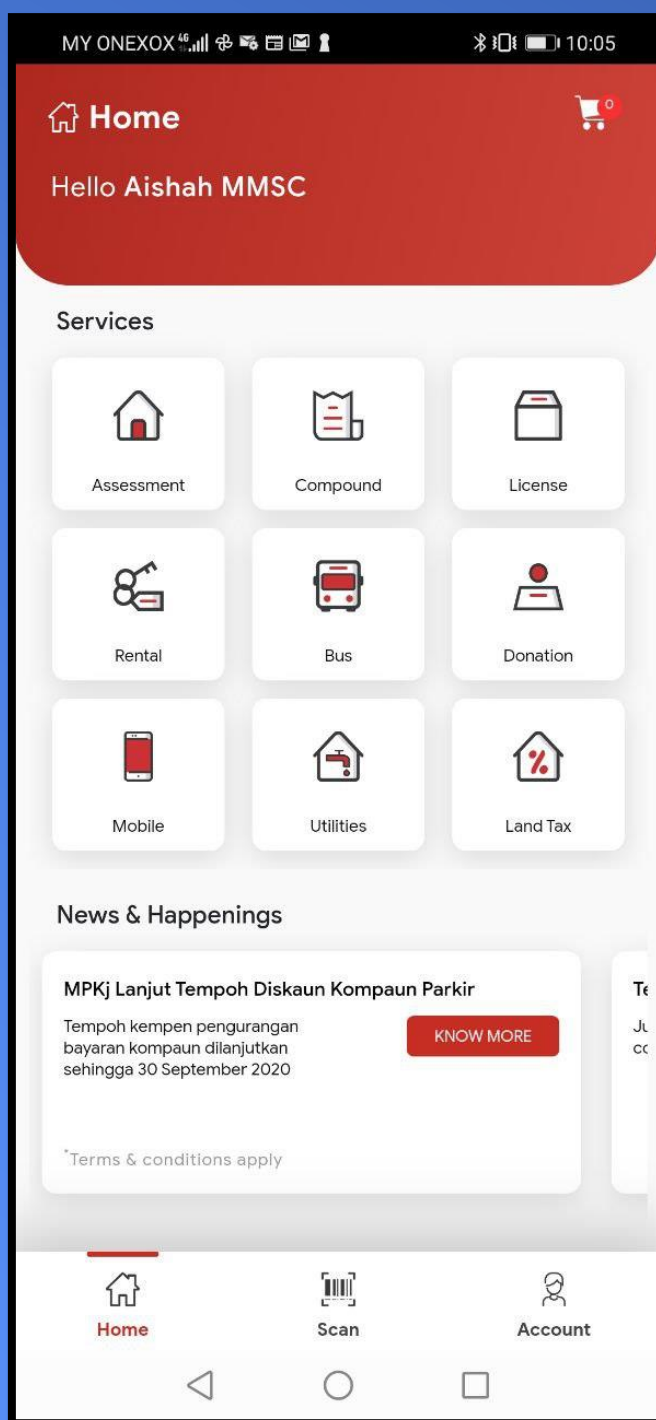
test@abc.com

••••••••

Remember me [Forgot password?](#)

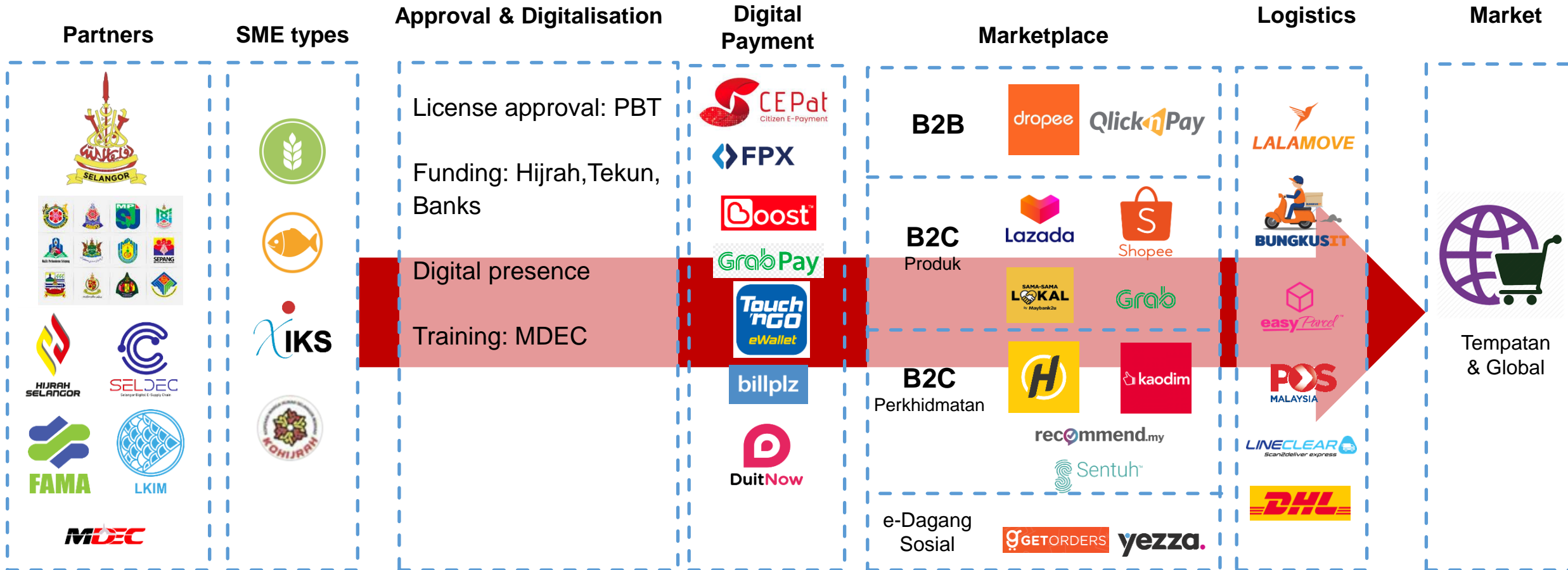
LOGIN

[Don't have an account? Signup here](#)



Cashless Initiative
Citizen E-Payment Services (CEPat)

SME Platform



Smart Selangor SME Platform

SME KPI Monitoring, Reporting, API Management

Dashboard: PBT

Dashboard: EXCO

Dashboard: SME

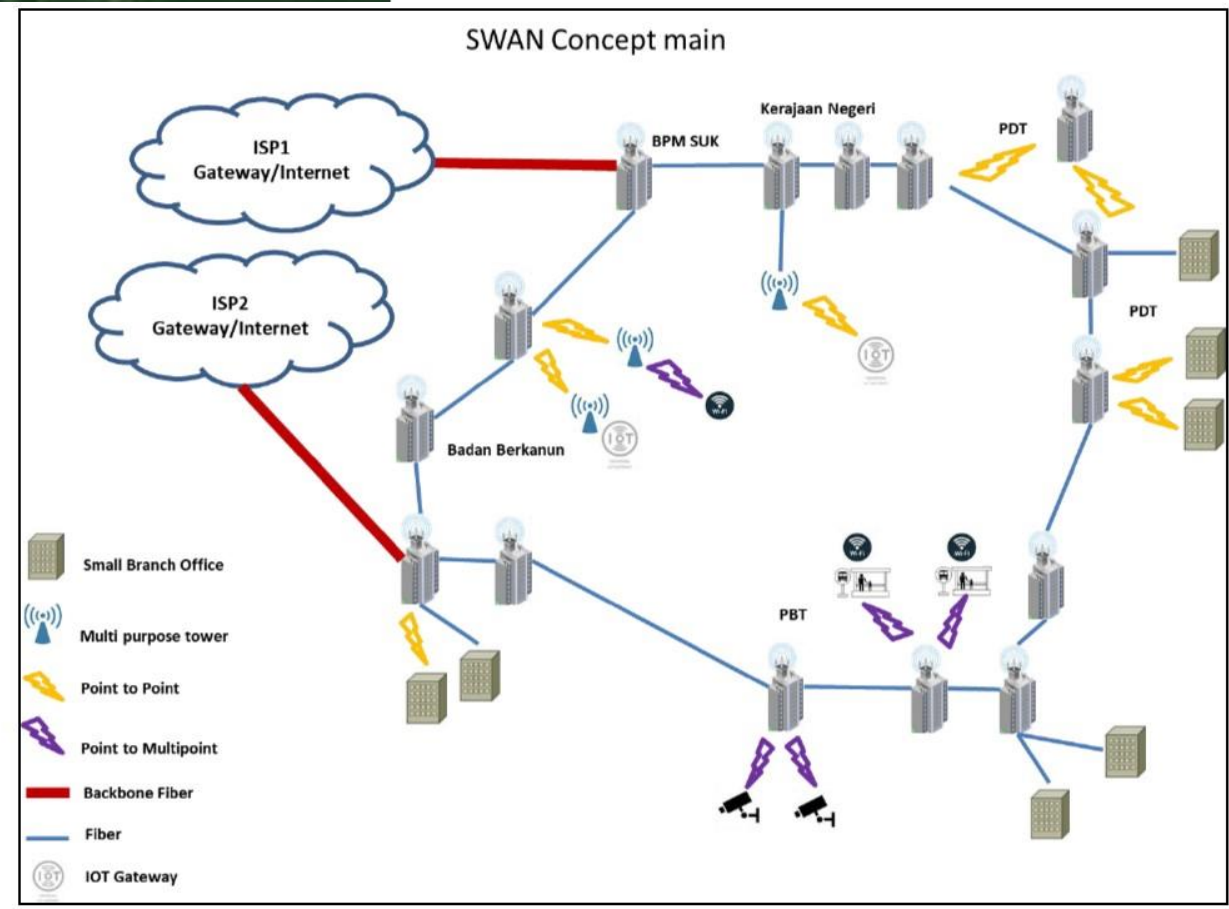
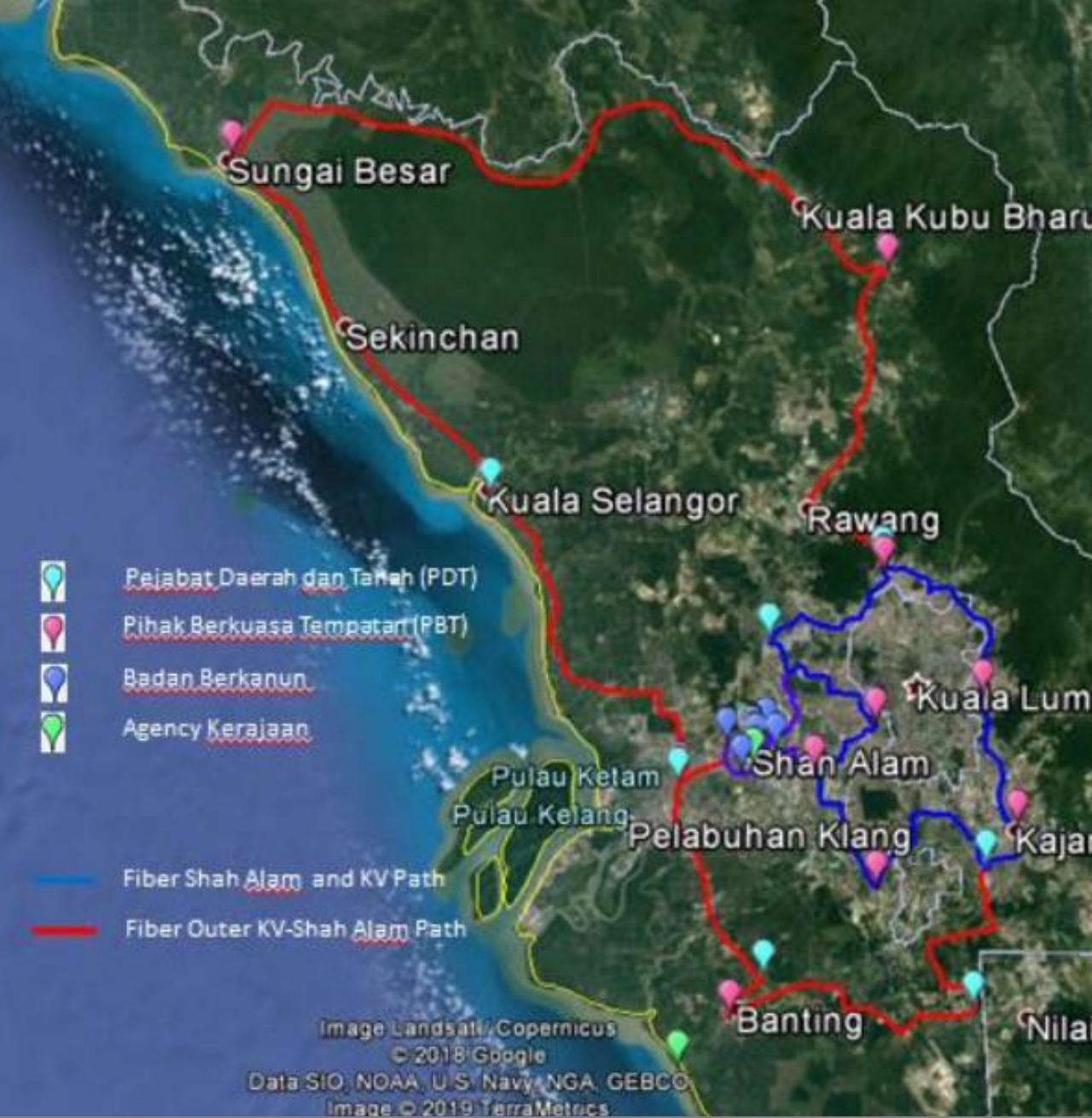
Dashboard: UPEN



**SMART
SELANGOR**

Smart Digital Infrastructure

“The Smart State enabling infrastructure that is made up of Platforms, Applications, High Speed Network, Hybrid Cloud Data Centre and Sensors or Devices that collects real-time data”



Selangor State Gigabit Network



SITS SELANGOR INTELLIGENT TRANSPORT SYSTEM 

MUAT TURUN SITS SEKARANG

Download on the  **Google play** or Get it on  **App Store**



-  Lokasi Bus
-  Hemion Bus Terdekat
-  Jangkauan Keluasan
-  Jadual Bus



Smart Selangor Bus Stop & SITS

CCTV, 4Mbps Free Wifi, Bus ETA & Routes, Panic Button, Information Kiosk



**SMART
SELANGOR**

Smart Communities

“Digitally connected communities that are equipped with skills to adopt digital tools confidently and empowered to produce more liveable communities and embrace environmental sustainability programmes in a significant way”



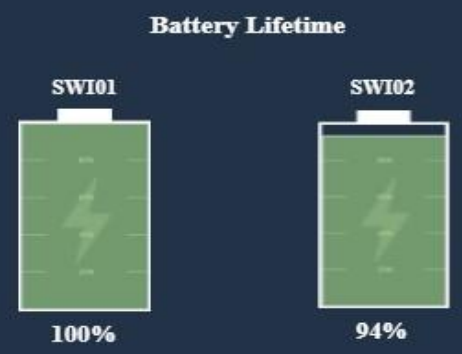
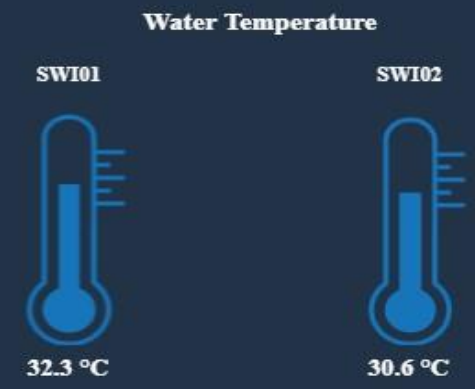
Smart Selangor Centre of Excellence












River Water Quality Monitoring for SMG



Live CCTV Feed
Sensor Location:
Klang River
 Latitude: 3.04535377
 Longitude: 101.48722551



Sensor	Last Value (Second)	Average Value (Today)	Percentage Difference (Daily)	Status	Last 30 Days
Battery	100 %	100 %	▲ +1.72%	Normal	
Dissolve Oxygen	118.173 %	13.328 %	▼ -55.16%	Not Normal	
Oxidation Reduction Potentiometer	-0.271 voltage	-0.240 voltage	▲ +89.92%	Not Normal	
Water Conductivity	68439144 uS/cm	68487943 uS/cm	▼ -0.15%	Normal	
Water Temperature	32.325 C	29.817 C	▲ +0.60%	Normal	
Water pH	8.300	8.350	▼ -2.03%	Normal	
Ammonium Ions	0.000 ppm	0.000 ppm	▼ -0.04%	Normal	
Battery	94 %	93 %	▼ -0.52%	Normal	
Water Temperature	30.608 C	28.808 C	▼ -1.01%	Normal	

Water Quality Monitoring

Sg Klang



PM 2.5 Monitoring

53 unit Air Quality Sensors



SMART
SELANGOR

www.smartselangor.com.my

 SmartSelangor

 @Smart_Selangor

 smartselangor