



# Rancangan Selangor Pertama

2021-2025

**A Smart, Liveable and Prosperous State**

**Mid-Term Review**

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# Rancangan Selangor Pertama (RS-1)

A SMART, LIVEABLE AND PROSPEROUS STATE

## Mid-Term Review

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# Foreword by YAB Dato' Menteri Besar Selangor



We have observed a change in the global macroeconomic landscape since the beginning of *Rancangan Selangor Pertama* (RS-1) in 2021. The global economy has begun to revive after COVID-19 but the recovery remains fragile. The war in Ukraine contributed to a slowdown in global growth, triggering a series of food and energy crises which amplified existing issues of inflation, high cost-of-living, trade wars, and climate-related disasters. The escalating tension in the Middle East region poses a new threat and uncertainty to global economic growth. Without taking into account the ongoing recent situation, the Global Economic Prospect by World Bank (June 2023), Organisation for Economic Co-operation and Development (OECD) Economic Outlook Interim Report (September 2023) and International Monetary Fund (IMF) World Economic Outlook (October 2023) projected a slow economic growth in 2024 (2.7% to 2.9%).

Malaysia, and ultimately Selangor are not insulated from these global factors, given the degree of openness in our economy and trade. Amid the slowdown, Economic Outlook 2024 by the Ministry of Finance expected the Malaysian economy to expand at approximately 4% in 2023 and projected a growth rate of 4% to 5% in 2024, anchored by the *Ekonomi MADANI: Memperkasa Rakyat* framework.

In the past year, the Federal Government has announced a few key policies, including the Twelfth Malaysia Plan Mid-Term Review, the National Energy Transition Roadmap (NETR), and the New Industrial Master Plan 2030 (NIMP 2030), aiming to drive the nation's economy, enhance the wellbeing of the *rakyat* while benefiting all segments of society, and facilitate a just energy transition. It is imperative for Selangor to align our efforts with these Federal policies to ensure that the *rakyat* can reap the full intended benefits.

The RS-1 was envisioned to address the State's near-term needs and serves as a steady foundation for sustainable, long-term State development. The Mid-Term Review then realigns the State's priorities, targets and the

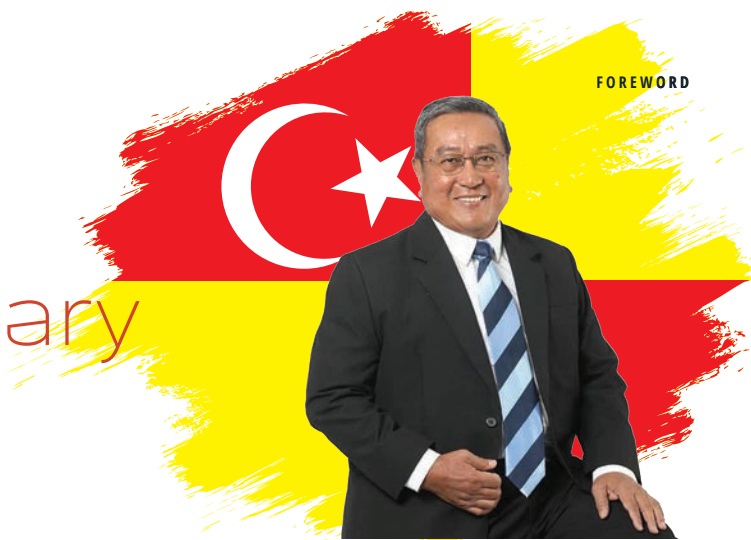
implementation of the ongoing and newly introduced initiatives. The socio-economic wellbeing of the *rakyat* remains at the forefront of the RS-1 agenda. Raising household income and targeted poverty reduction are among the State's key targets, which also align with the priority at the Federal level. We aspire for the *rakyat* of Selangor to be happier and have a better quality of life (as indicated by the Malaysia Happiness Index).

The State strives for economic growth that takes into account social inclusivity and environmental sustainability. Food security, cleaner energy generation, water quality and availability, as well as digital adoption, amongst many other priorities, are emphasised in the Mid-Term Review of RS-1. The announced regional development areas signal the State Government's intention to intensify efforts to reduce imbalances and close the regional disparities gap across the entire State. There is no doubt that good governance, agile public workforce and efficient government service delivery underpin the envisioned State development through increased public trust and business-friendly environment.

As we have crossed the halfway mark of the RS-1 implementation period, let me take this opportunity to express my sincere appreciation and gratitude to the past and current Selangor State Executive Council (EXCO), agencies under the Selangor State Government, initiative implementers, all stakeholders and the *rakyat* of Selangor who cooperated and supported the implementation of RS-1 in the past three years. I hope with everyone's continuous dedication and support, we shall pave the way towards achieving our aspiration to be a Smart Liveable, and Prosperous State by 2025. Together, we can secure a brighter, lasting future for our beloved Selangor. #KitaSelangor Maju Bersama

YANG AMAT BERHORMAT  
DATO' SERI AMIRUDIN BIN SHARI

# Foreword by YB State Secretary of Selangor



The *Rancangan Selangor Pertama* (RS-1) has set the strategic direction and priorities for Selangor to remain on a growth trajectory, as one of the leading states in Malaysia. The Mid-Term Review of RS-1 reiterates the State Government's unwavering commitment towards facilitating the implementation of the plan for the benefit of the people and businesses. This is vital for Selangor to achieve its aspiration to be a Smart, Liveable and Prosperous State by 2025.

During the review period (2021-2023), Selangor has experienced remarkable economic growth against a backdrop of post-pandemic economic recovery. Selangor remains attractive to foreign and domestic investors. *Rakyat* Selangor from different walks of life have also benefited from the various RS-1 social programmes which encompass social welfare, entrepreneur support, healthcare schemes and incentives, affordable housing schemes, and education programmes. Youth, senior citizens, persons with disabilities and indigenous population were not left behind. RS-1 initiatives to propel environmental sustainability surrounding disaster mitigation and preparedness, water quality and availability, greenhouse gas emissions, waste management and biodiversity conservation have been progressing well. The digitalisation of government service delivery to increase efficiency and responsiveness to the citizens' needs are well underway with 82% share of end-to-end digital government services reported in 2023.

In the remaining RS-1 period, Selangor will continue to focus on strengthening the State's overall economy, enhancing social wellbeing of the people while advancing inclusive and sustainable development, enabled by a smart and effective public service delivery. In pursuing a balanced regional development across the rural and urban areas, the State Government has earmarked three main regional development areas, namely Sabak Bernam Development Area (SABDA), *Zon Pembangunan Ekonomi* Selangor Maritime Gateway (ZPE SMG) and Integrated Development Region in South Selangor (IDRISS). The

development of these areas will leverage the existing unique strengths and explore potential opportunities.

Consistent with our commitment in RS-1, Selangor will continue to channel its resources towards impactful and inclusive development. Together with the local authorities, the State Government strives to embrace a forward-looking, data-driven and open governance approach in our policy making and service delivery. In driving an effective implementation of RS-1, Selangor Implementation and Performance Monitoring Unit (SIAP) plays an important role in ensuring accountability and monitoring performance.

As we move forward, all parties including the public sector, private sector, civil society organisations and the people need to work together towards our shared vision of making Selangor a Smart, Liveable and Prosperous State by 2025. With the spirit of shared responsibility and a whole-of-state mindset, together we can achieve our aspirations.

YANG BERTHORMAT  
DATO' SETIA HAJI HARIS BIN KASIM

# Preface by the Director of Selangor State Economic Planning Unit (UPEN)



The Mid-Term Review of *Rancangan Selangor Pertama* (RS-1) reflects the State Government's commitment towards monitoring the implementation of Selangor's inaugural five-year development plan while acknowledging the need to periodically review the State's priorities amidst the changing world. The Mid-Term Review adopted a systematic approach in assessing progress and identifying challenges in the first phase of the RS-1 implementation (2021-2023), and made necessary adjustments. This is to ensure that RS-1 achieves the intended outcomes, remains relevant and creates meaningful impact for the *rakyat* of Selangor. The Mid-Term Review aligned RS-1 initiatives with the latest national policy direction, including the Twelfth Malaysia Plan Mid-Term Review, *Ekonomi MADANI: Memperkasa Rakyat*, the National Energy Transition Roadmap (NETR), and the New Industrial Master Plan 2030 (NIMP 2030). Additionally, RS-1 initiatives were also aligned with other Selangor policies and plans, such as *5 Tekad Untuk 5 Tahun*, *Rancangan Struktur Negeri Selangor 2035* and *Iltizam Selangor Penyayang*.

Over 120 public and private stakeholders were engaged through eleven workshops and various one-on-one discussions throughout the Mid-Term Review. This consultative approach was adopted to ensure findings were validated with the right sources and future plans were syndicated with the relevant stakeholders to obtain buy-ins and support. Furthermore, several validation sessions were conducted with the State EXCOs, State administration and agencies, all district and land offices, all local authorities as well as infrastructure-related agencies to ensure a well-rounded review of RS-1. In addition, performance and suitability of RS-1's macro indicators have been assessed, ensuring that the measurement of impact is practical, relevant and meaningful.

Selangor is committed to fostering regional and district development that is equitable and balanced across the entire State. Hence, the Mid-Term Review includes

a dedicated chapter, "Pursuing balanced regional development and localising impacts". This chapter outlines the future emphases and priorities across all nine districts and twelve local authorities in the State, providing strategic direction for the districts' growth.

As we look ahead into the future, the remaining RS-1 implementation will unfold against the backdrop of global economic pressures, supply chain disruptions, trade restrictions, accelerated digitalisation and mounting challenges of climate change impacts. These factors add a layer of complexity to the landscape, in which RS-1 is set to make a transformative impact. With a concerted effort and utmost dedication, we are hopeful that we can realise our vision in making Selangor a Smart, Liveable, and Prosperous State.

My heartfelt appreciation goes to all parties who have contributed to the progress of RS-1 thus far. The dedication to driving the RS-1 projects and initiatives forward is truly commendable. Let's continue to give our all towards making a substantial and lasting positive impact for Selangor and its *rakyat*.

YANG BERBAHAGIA  
DATO' JOHARY BIN ANUAR





# 01

## OVERVIEW

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The *Rancangan Selangor Pertama, 2021 - 2025 (RS-1)* is a comprehensive five-year plan with the vision of making Selangor a Smart, Liveable, and Prosperous State by 2025, charting the strategic direction of the State over the five years.

**SMART** - Empowering the people, public and private sectors through the optimal use of digital technology in their daily lives.

**LIVEABLE** - High economic growth to drive inclusive development; the development of a society who is capable, enlightened and with integrity, as well as sustainable development through environmental care and conservation.

**PROSPEROUS** - Sustainable and equitable wealth throughout the State and its districts; a society that is educated and diverse; with harmonious and fulfilling lives.

## The RS-1 Framework

ASPIRATION >

STRATEGIC THEMES >

### A Smart, Liveable

#### 1 Strengthening the Economy

- Align **development and investment strategies** in focus sectors to **attract world class companies and emerging unicorns**
- Drive **catalytic projects** by key focus sectors that **leverage on the State's strengths to create job opportunities** and to boost the economy post-pandemic and beyond

#### 2 Enhancing Social Inclusivity and Wellbeing

- Provide opportunities for **income generation** across all segments of society
- Targeted **social intervention** for urban poor and rural communities
- Ensure an **inclusive society that is enabled by technology**

#### 9 Focus Sectors

- |                     |  |
|---------------------|--|
| Ports and Logistics | Electrical & Electronics and Machinery & Equipment |
| Tourism             | Halal  |
| Digital Economy     | Agritech   |
| Life Sciences       | Automotive   |
| Aerospace           |  |

#### 6 Focus Areas

- Income Generation and Social Welfare
- Special Focus on Target Groups
- Women, Family and Community
- Affordable Housing
- Public Health
- Education

KEY ENABLERS >

IMPLEMENTATION ACTIONS >

Public Infrastructure, Human Capital Development, Small and Medium Enterprises (SME)

Projects, Programmes

**93 PPIs**

**98 PPIs**

The Mid-Term Review (MTR) of the RS-1 assesses the progress in the first phase of the RS-1 implementation (2021 - 2023), identifies gaps and priorities and the way forward. RS-1 is implemented through 282 Projects, Programmes and Initiatives (PPIs), including 20 game changer and catalytic projects.






## and Prosperous State

### 3 Advancing Sustainability



- Provide **smart and sustainable public infrastructure** services and solutions
- Enhance social wellbeing while prioritising **environmental sustainability** through urban green infrastructure and natural resource conservation
- Anchor the success with commitment towards a **low carbon state**

#### 5 Focus Areas

-  Resilience and Disaster Management
-  Water Management
-  Low Carbon State
-  Waste Management
-  Biodiversity and Natural Resources

### 4 S.M.A.R.T. and Effective Governance



- Build a **S.M.A.R.T. government** that is aligned, productive, agile, and accountable in delivering its mandate
- Embrace a **people-centric** approach
- Diversify **revenue sources** and adopt **technological transformation** to drive public service delivery

#### 5 Focus Areas

-  Strategic Alignment of Goals and Policies
-  Managing Performance and Accountability
-  Agile Public Workforce
-  Revenue Sustainability
-  Technological Transformation

Development, Digitalisation, Policy Enhancement, Access to Financing and Geographical Development

and Initiatives (PPI)

**39 PPIs**

**52 PPIs**

# 1.1

## A Snapshot of the RS-1 Mid-Term Review

### RS-1 Performance, 2021 - 2023

The RS-1 implementation is generally on track to meet the targets. The economic performance signals positive post-COVID recovery. Most macro targets are progressing according to plan. However, three of the macro targets related to social and sustainability performance may not be achieved if implementation is not accelerated. For example, better waste management is vital to significantly increase waste recycling rate. Recognising this, the State Government and local authorities are making efforts through better recycling facilities, awareness programmes and enforcements at the local levels.


Some of the macro-indicators have been reviewed and updated to enhance practicality and better reflect the performance by benchmarking with national standards. For example, the reduction of greenhouse gases (GHG) emissions intensity has been updated to the average concentration of PM2.5 (particulate matter 2.5 micrograms per cubic metre,  $\mu\text{g}/\text{m}^3$ ) levels due to the lack of credible baseline data for GHG emissions. The State Government and the local authorities are enhancing their capability and efforts in developing the GHG inventory, with some local authorities focusing on measuring carbon emissions as a start. An indicator related to air pollution is introduced as many of the projects. e.g., low-emission mobility and tree planting, will demonstrate a positive impact on air quality, recognising the co-benefits in addressing both climate change and environmental quality.


While Selangor has achieved success in “raising the ceiling”, the State Government needs to intensify efforts in “raising the floor” in the context of *Ekonomi MADANI*. Selangor’s unemployment rate is lower than the national average since 2015, while median household income has increased significantly, even surpassing the Twelfth Malaysia Plan (12MP) target for the Central region. Although the hardcore poverty in Selangor has reached 0% in 2022, the absolute poverty incidence has seen a marginal reduction by 0.2% from 2020 to 2022 and is still higher than that in 2019. Whilst relative poverty incidence has increased from 13.9% (2020) to 14.2% (2022), there is a slight improvement from 2019 (15.3%). More targeted and concerted efforts could further address the urban and rural poverty to meet the RS-1 targets. The 2025 absolute poverty target has been revised from 0.7% to 0.5%, showing Selangor’s commitment to strengthen targeted poverty reduction. The increasingly ageing society in the State is also a key concern for Selangor. In addition to state healthcare programmes benefiting senior citizens, it is important to address other aspects of their wellbeing, such as income sufficiency and quality of life.











In 2022, the Department of Statistics Malaysia (DOSM) published the first Malaysia Happiness Index at state-level, which serves as the baseline data to measure wellbeing and happiness of the people in Selangor. The baseline Happiness Index for Selangor is at 5.74 in 2021. The top three happiness components for Selangor are family (6.53), religion and spirituality (6.27) and time use (6.04) while the bottom three components are housing and environment (5.50), public safety (5.35) and emotional experience (5.32). The index also indicated that urban dwellers are less happy than their rural counterparts (5.73 for urban and 5.86 for rural).



TABLE 1.1: RS-1 macro-indicator progress status

 On target or almost on target

 Trajectory heading in right direction but target may be missed

 Trajectory heading in the wrong direction

Strategic themes	Macro-indicators	RS-1 targets	Latest achievement	Progress status	RS-1 MTR commentary
 <p><b>#1</b> Strengthening the Economy</p>	<b>1</b> GDP growth	6.5-7.0% (2021-2025 average)	8.5% (2021-2022 average) <sup>1</sup>		New investments post-pandemic propelled growth and the lockdown during pandemic also means that the percentage began from a lower base (2020: RM326.8 billion). The GDP value in 2022 is 11.6% above the 2019 pre-pandemic level (2019: RM345.0 billion, 2022: RM384.9 billion)
	<b>2</b> Approved investment value in priority and high-complexity sectors	RM23-35 billion (2021-2025 average)	RM39.4 billion (2021-2023 average) <sup>2</sup>		On track
	<b>3</b> Employment	3.5-3.8 million persons (2021-2025 average)	3.7 million persons (2021-2022 average) <sup>3</sup>		On track
	<b>4</b> Fixed broadband penetration	70% (by 2025)	61.6% (2023) <sup>4</sup>		On track
 <p><b>#2</b> Enhancing Social Inclusivity and Wellbeing</p>	<b>5</b> Median household income	RM9,290/month (by 2025)	RM9,983/month (2022) <sup>5</sup>		On track
	<b>6</b> Absolute poverty	0.5% (by 2025)	1.5% (2022) <sup>6</sup>		Selangor has enhanced the absolute poverty target from 0.7% to 0.5% showing its commitment to strengthen targeted poverty reduction. Incidence of hardcore poverty in Selangor is 0% (2022)
	<b>7</b> Relative poverty	11.0% (by 2025)	14.2% (2022) <sup>7</sup>		
	<b>8</b> Malaysia Happiness Index (Selangor State)	7.00 (by 2025)	5.74 (2021 Msia Happiness Index for Selangor State) <sup>8</sup>		Updated from Family Wellbeing index to Malaysia Happiness Index to align with the national benchmark

Strategic themes	Macro-indicators	RS-1 targets	Latest achievement	Progress status	RS-1 MTR commentary
 <p><b>#3 Advancing Sustainability</b></p>	<b>9</b> Annual Average PM2.5 levels ( $\mu\text{g}/\text{m}^3$ )	15 $\mu\text{g}/\text{m}^3$ (2021-2025 average)	20.38 $\mu\text{g}/\text{m}^3$ (2021-2022 average) <sup>9</sup>	↑	Updated the GHG emissions intensity indicator due to the lack of data as Selangor is studying the GHG emissions baseline. The ambient air quality is used as a benchmark as it relates to public health and urban liveability
	<b>10</b> Hourly availability of clean water per day	24 hours (2021-2025)	24 hours (2023)	↑	Continue to maintain the service level
	<b>11</b> Waste recycling rate	15% (by 2025)	8.24% (2023)	→	The local authorities are strengthening implementation to meet the target. The 2024 Selangor Budget announced the Selangor Recycle Surge programme with an allocation of RM3 million
	<b>12</b> Maintain Permanent Reserve Forest coverage	31% (2025)	31.7% (2023)	↑	New macro-indicator proposed, aligned with the forest conservation target
 <p><b>#4 S.M.A.R.T. and Effective Governance</b></p>	<b>13</b> Progress of RS-1 game changer projects	100% (by 2025)	49% (2023)	→	On track to complete based on project milestones
	<b>14</b> National ranking for local authorities	All local authorities to achieve the Star Rating System (SSR) percentage score of 95% and above	10 local authorities (2022)	↑	The target is reviewed from "Top 10 (all local authorities)" to SSR 95% and above. Although all local authorities achieve 5-star rating (>90%), only 10 local authorities have achieved more than 95% so there is room for improvement and a realistic target and indicator
	<b>15</b> Share of end-to-end digital government services	85% (by 2025)	82.32% (2023) <sup>10</sup>	↑	On track
	<b>16</b> Resident satisfaction level towards local authority services	85% (by 2025)	89.84% (2023)	↑	Continue to maintain the service level

<sup>1</sup> DOSM 2023. GDP by State

<sup>2</sup> MIDA 2023. Approved investments in Selangor (2021 - 2023)

<sup>3</sup> DOSM 2023. Poket Stats Negeri Selangor ST2 2023

<sup>4</sup> MCMC 2023. Communications and Multimedia Facts & Figures

<sup>5</sup> DOSM 2023. Household Income Survey Report

<sup>6</sup> DOSM 2023. Incidence Of Absolute Poverty By Strata, Ethnic & State

<sup>7</sup> DOSM 2023. Incidence Of Relative Poverty By Strata, Ethnic & State

<sup>8</sup> DOSM 2023. Malaysia Happiness Index 2021

<sup>9</sup> Department of Environment (2022). Annual average concentration based on air pollutants in Malaysia (2018 - 2022)

<sup>10</sup> Unit Pemodenan Tadbiran dan Perancangan Pengurusan Malaysia (MAMPU) Jabatan Perdana Menteri December 2023. Pengesanan Maklumat Perkhidmatan End-To-End (E2E) Sehingga December 2023.

## Review of RS-1 Strategic Themes

### Strategic themes

### Key observations/reflections



#### #1 Strengthening the Economy

**Strategic Theme 1 gears towards fostering sustainable economic development in Selangor, propelled by catalytic or game changer projects, digitisation initiatives, talent development and technology advancement programmes.**

The game changer projects are concentrated in priority and high-complexity sectors as well as strategic regional development to capitalise the State's competitive advantages. These will help create additional job opportunities and spur stronger economic activity, particularly supporting the micro, small and medium enterprises (MSMEs).

Progress under this theme is broadly on track, with completed initiatives primarily in the Digital Economy sector, focusing on efforts to support MSMEs digitalisation amid the post-COVID recovery. Since 2021, MSMEs have undergone training in setting up online presence and web stores as well as cloud utilisation. Approximately 44,000 entrepreneurs have registered their businesses on online platforms through the Selangor e-Bazaar Campaign in 2021 and 1,047 MSMEs received grants under the Selangor SME Digitalisation Matching Grant programme. These digitalisation efforts empowered MSMEs by enhancing their online visibility, expanding market reach and improving operational efficiency.

The major infrastructure and industrial projects in the Geographical Developments as well as Ports and Logistics sector are ongoing, driven by both the public and private sectors. Given the extensive nature and scale of these projects, they are primarily at design and approval stages with project completion dates extending beyond the RS-1 timeline. The primary economic benefits between 2021 and 2025 will stem from construction investments, while value addition is expected in subsequent phases, through increased private sector investment, higher incomes and higher private consumption. Although the overall progress is on track, catalytic projects often necessitate approvals at the State-level. There is a strong need for inter-agency coordination (e.g., land, water supply, design approvals), making it imperative to expedite project implementation and realise its aspirations.

Progress in core industries are on track, such as the Tourism, Electrical and Electronics (E&E) and Machinery and Equipment (M&E), Aerospace and Halal sectors. The early signs of impact in these sectors are notable. The targeted domestic and international tourist arrivals have been successfully achieved, indicating that tourist arrivals are on track. Efforts to support human capital development and research and development (R&D) facilities are progressing, expected to attract investments in E&E and M&E and Life Sciences. The ongoing improvement in aerospace capabilities and the growth in Halal industry through digitalisation, human capital development and promotion activity contributes to the overall economic vibrancy and resilience of the State.

Aligning with the Social theme, Selangor has made significant efforts to ensure balanced economic development and wealth distribution through the development of strategic regions. Agriculture and agritech development not only safeguard food security of the State but also uplift the incomes and productivity of food producers. To advance the Sustainability theme's objectives, E&E and M&E talent development programmes encompass renewable energy initiatives. The agritech projects are designed to minimise soil and water pollution while ecotourism is promoted in both the Tourism sector and through projects in the Geographical Developments.



#### #2 Enhancing Social Inclusivity and Wellbeing

**Strategic Theme 2 focuses on enhancing social inclusivity across the State of Selangor, covering all segments of the community and improving the wellbeing of the rakyat.**

Strategic Theme 2 not only looks at improving household income and providing social welfare and support to the B40 families, but also aims to create a socially-inclusive State with targeted efforts on women, children, special-needs and people with disabilities (PWD). While there are various programmes addressing these target groups, the reach is limited because the programmes rely heavily on budget availability.

Looking at the macro-indicators, the Median Household Income in Selangor has increased from RM7,300 in 2020 to RM9,983 in 2022, surpassing the target set in the 12MP for the Central Region (RM9,290 target in 2025) as well as the pre-pandemic level (RM8,210 in 2019). The relative poverty incidence, which is an increasingly important indicator in the modern economy, appears to have declined from 13.9% in 2020 to 14.2% in 2022 but has slightly improved in comparison to 15.3% in 2019. This is potentially due to the lower income threshold for relative poverty in 2020 (based on half of median household income) and the post-pandemic recovery. However, the absolute poverty incidence which only decreased from 1.7% in 2020 to 1.5% in 2022 is still higher than the absolute poverty incidence recorded pre-pandemic (1.2% in 2019). Even though incidence of hardcore poverty in Selangor has reached 0% in 2022, more targeted efforts and interventions are needed to address absolute and relative poverty to support the *Ekonomi MADANI: Memperkasa Rakyat* ("Ekonomi MADANI") vision of ending hardcore poverty in the country and "lifting the floor" for the general population.

RS-1 implementation progress in this strategic theme is on track, with the majority of the PPIs in the implementation phase. Since most of these programmes started implementation in 2021 or 2022, the impact of these social programmes on the macro-indicators may be reflected in 2023 onwards.

## Strategic themes

### Key observations/ reflections

To ensure the full impact of these programmes on high-level outcomes, such as poverty level and happiness index, it is crucial for the programmes to reach a larger number of targeted beneficiaries and have a greater impact on the *rakyat* Selangor. Given the high number of social programmes in the State, there is room for better resource optimisation to achieve the desired impact. Prioritising the most effective programmes for each focus area or target groups can lead to more tangible improvements in social indicators.

One flagship programme, *Itizam Selangor Penyayang*, addresses various spheres of society and areas of concerns, including healthcare, transportation, entrepreneurship and childcare. While complementing the Federal government's efforts in enhancing healthcare and education systems, Selangor provides more targeted support to specific target groups. In terms of healthcare, the focus is on reducing the costs of obtaining medical treatment at private healthcare facilities and promoting regular health screening to improve early detection of diseases. More can be done in terms of preventive care and cultivating healthier lifestyles, such as educating and encouraging the public to adopt healthy diet and practices as well as designing healthier urban environments.

In the field of education, a wide range of initiatives are being implemented, including providing financial assistance, offering extra tuition classes, promoting research and development, developing Technical and Vocational Education and Training (TVET) modules and implementing various student empowerment programmes. The main objective for these education-related initiatives is to uplift families from poverty through education and lifelong learning. Achieving the aspirations of RS-1 and beyond requires systemic change and careful planning.



### #3 Advancing Sustainability

**Strategic Theme 3 focuses on sustainability to steer green economic growth and address present challenges related to climate change, natural disasters, water management, carbon emissions, waste management and maintaining forest cover and biodiversity.**

The State Government is taking proactive steps to confront and address these challenges, including the establishment of District Disaster Operations Centre (DDOC), Rasau Water Supply Scheme, Pulau Indah power plant, Waste-to-Energy (WTE) plants and the Selangor Royal Heritage Forest.

As a whole, the Sustainability theme is making progress in driving sustainable development in Selangor, with the majority of its initiatives on track to achieve the set targets by 2025. One of the state's top priorities is to enhance resilience by building flood mitigation structures and upgrading public infrastructure to reduce flooding risks. Aside from the physical infrastructure, disaster risk response is also coordinated through *Skwad Pantas*, National Disaster Management Agency (NADMA) and the Selangor State Disaster Management Unit (*Unit Pengurusan Bencana Negeri*, UPBN).

Regarding water management, Selangor has taken concrete steps to increase its water reserve margins from 13.8% (2023) to 15.6% by 2025. This includes the development of new water supply schemes, most notably the Rasau Water Supply Scheme. Complaints about water disruption are being addressed by initiatives such as non-revenue water reduction programmes, which aim to reduce the number of burst pipes and replace old pipes in Selangor.

Waste management and recycling pose significant challenges for Selangor, particularly in reducing illegal dumping, increasing the recycling rate and managing end-of-life waste. Selangor achieved a waste recycling rate of 8.24% (2023), but doubling it to the 15% target requires more efforts to enhance waste management capabilities and promote behavioural change within the community. To achieve this, all local authorities in Selangor have introduced waste recycling programmes or facilities in their districts to encourage higher recycling rates.

Large-scale initiatives, such as the establishment of WTE plants and development of materials recovery and collection facilities (MRCF), are being undertaken to reduce waste sent to landfills and improve waste management processes. For example, the 2024 Selangor Budget highlighted plans by KDEB Waste Management (KDEBWM) in developing the Sultan Idris Shah Green Energy Plant (SISGEP) as well as the Selangor Recycle Surge to expedite MRCF efforts.

Selangor has also made commendable efforts in maintaining permanent reserve forest (PRF) and increasing tree cover, aligning with its aspiration to become a low-carbon State. The recently gazetted Selangor Royal Heritage Forest and Central Forest Spine Selangor reflect Selangor's commitments in maintaining PRF coverage, which currently stands at 31.7%, while creating more recreational space for the public. Local authorities are actively planting trees, with the aim to plant one million trees as announced in the 2024 Selangor Budget. Additionally, the State is currently developing a GHG inventory system for Selangor to establish a better baseline for tracking and managing emissions.



## Strategic themes

### Key observations/ reflections

As one of the most developed states in Malaysia, Selangor is well-positioned to establish the necessary infrastructure for sustainable development and green growth, accompanied by fair and inclusive economic distribution across different income and demographic groups. The State witnessed significant progress in investments by domestic and foreign investors in green initiatives and will further accelerate efforts to stimulate demand, enabling Selangor to contribute to Malaysia's net-zero 2050 goal.

Moving forward, Selangor aspires to increase revenue from green sectors, driving behavioural change among communities and supporting the local authorities to expedite implementation of initiatives and programmes, ensuring balanced urban and rural development. Since the implementation of RS-1, there have been more concerted efforts to align systems and initiatives across the local authorities, allowing for better horizontal collaboration and vertical integration of policies and systems.



#### #4 S.M.A.R.T. and Effective Governance

**Strategic Theme 4 aims to modernise the public sector by transforming the government to be more accountable, effective, efficient and rakyat-centric in delivering public service through a whole-of-government approach. The focus on digitalisation and enhancing work-relevant skills and competencies within Selangor agencies is integral for better productivity and reducing bureaucratic redundancies.**

RS-1 delivery is paramount to Selangor. Therefore, the Selangor Implementation and Performance Monitoring Unit (SIAP) plays a critical role in monitoring the RS-1 implementation status and ensuring stakeholder accountability across all implementing agencies and local authorities. The RS-1 governance has been largely effective in resolving issues and tracking progress in a timely manner to ensure that the PPIs implemented are aligned with the macro targets and focus areas. As of 2023, 49% of RS-1 game changers are on track, halfway mark of the target.

In enhancing public trust through effective communication and transparency, focus is given on active and regular engagement with the *rakyat* through various mediums and platforms. This includes participatory budgeting where industry groups are involved in town halls or focus groups during the preparation of Selangor's annual budget.

Meanwhile, to transform its public workforce, the State continuously supports its civil servants in their career development through various training programmes and employee engagement sessions. This includes digital capacity building, the Mentor-Mentee Programme and a statewide employee engagement and exchange forum on public service remuneration system and human resource management.

Bouncing back from the COVID-19 crisis, Selangor's focus is on boosting its revenue generation and creating an ecosystem to attract priority and high-complexity investments through good governance mechanisms and implementation. The State has benefited part of the RM40 million dividend payment from the State Government-Linked Companies (GLCs). Through its diversification strategy of building a market-based Resilient Investment Model, the State's investment portfolio has increased by 5.2%, reaching RM989.41 million.

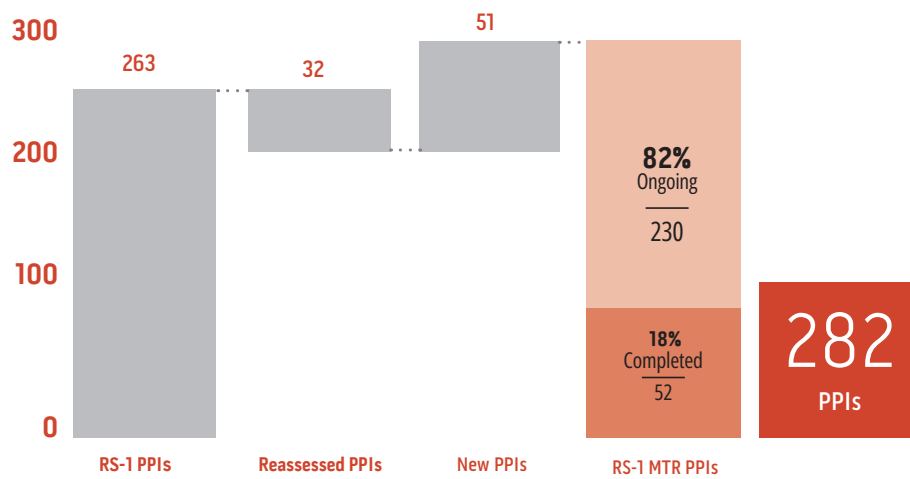
In driving forward-looking public service delivery, Selangor has strengthened its commitment to the *rakyat*-centric digital transformation to empower its *rakyat*, economy and public service delivery system. Public access and interaction with digital government services are maximised through the implementation of CEPat, a centralised payment platform for paid government services, and *Sistem e-Tanah*, a Single Point of Contact (SPOC) for land-related transactions. Selangor is also leveraging a multifaceted cloud computing, namely MySUKSELCloud, and enhancing digital infrastructure, such as Selangor Gigabit Network (SeGNet) and Smart Selangor Data Centre (SSDC) across State agencies to strengthen digital adoption in the public sector and integrate data and technology in policymaking. As of 2023, the share of end-to-end digital government services has increased to 82.32%, approaching the 85% target in 2025.

While Selangor is poised to lead the digitalisation adoption in Malaysia, efforts need to be reprioritised in obtaining commitment or buy-in from initiative owners and stakeholders to adopt the digital initiatives developed by the State Government. As these initiatives typically involve various stakeholders and the implementation spans across multiple agencies, it is important for the State to address the lack of inter-agency coordination and cooperation using a clear top-down directive that needs to be cascaded throughout the entire government structure.

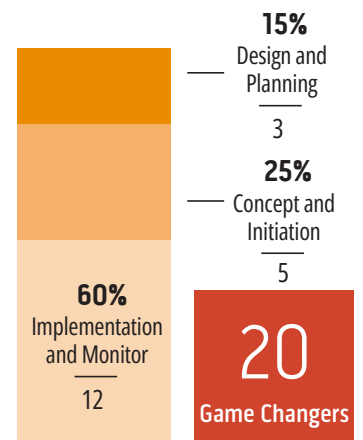
## RS-1 MTR in numbers



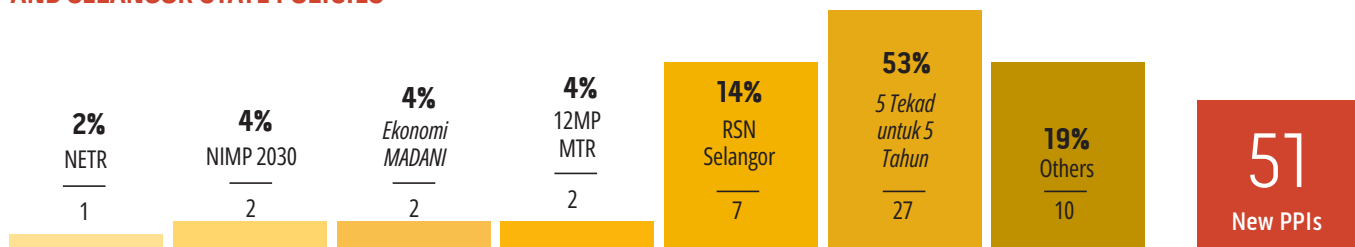
### RS-1 MTR PPIs IN NUMBERS



### GAME CHANGERS IMPLEMENTATION



### NEW PPIs LINKAGES TO FEDERAL AND SELANGOR STATE POLICIES



## 1.2

# Highlights of New Priorities and Emphases, 2024 - 2025

The key strategies are adjusted to take into account new developments in Selangor and Malaysia, introducing new initiatives to complement the RS-1.

### 1. Strengthening infrastructure for balanced urban and rural development and economic expansion

Infrastructure investments lay the foundation for sustained economic growth and enhanced quality of life. Selangor seeks to strengthen physical connectivity through rail, logistics and public transport as cornerstones for regional economic development and better integration into the global supply chain. RS-1 has been focusing on large-scale investments in transport, digital and energy infrastructure, aligning with the increasing demand for such assets and connecting more communities into Malaysia's economic expansion and global markets with strategic regional development areas such as SABDA, IDRIS, ZPE SMG and Carey Island third port development. All of these initiatives have been targeted to increase the development along the west coast of Selangor.

To achieve a balance between urban and rural development and create new economic opportunities on the west coast of Selangor, the State has allocated a budget to explore the feasibility of developing the *Jajaran Rel Kita Selangor* from Klang to Kuala Selangor, Tanjong Karang and Sabak Bernam. Additionally, expansion plans for the existing network from Kuang to Kuala Selangor are being considered. The west-coast network has the potential to develop areas such as Kapar, Jeram, Kuala Selangor, Sekinchan and Sabak Bernam, extending all the way to the Perak state borders. This will complement the East Coast Rail Link (ECRL) which connects Selangor and the eastern part of Malaysia. In addition to the inter-city rail network, Selangor supports the federal government's efforts to expand the light rapid transit (LRT) system through the LRT-3 project and aims to improve last-mile connectivity through bus services.

In addition to infrastructure development, Selangor will establish Kuala Selangor and Hulu Selangor Development Zone which will focus on enhancing agriculture, aquaculture and ecotourism to stimulate rural agriculture development. Furthermore, Selangor Greater Klang Valley will be formed as a metropolitan model to strengthen economic and physical connectivity between the four local authorities: Petaling Jaya, Shah Alam, Subang Jaya and Klang. The Selangor Greater Klang Valley will benefit from improved digital infrastructure and serve as a testbed for high-speed internet technology and fully digital government services.

### Infrastructure development in Selangor: Enhancing connectivity, resilience, and trade opportunities

Selangor has made significant investments in infrastructure development across various sectors. The State Government has allocated RM145 million for road projects between districts, aimed at improving connectivity and accessibility. Additionally, RM9 million has been allocated to upgrade infrastructure for higher education institutions, ensuring a conducive learning environment.

In terms of flood mitigation, the Department of Irrigation and Drainage (DID) has received a State Development Allocation of RM615.06 million to implement 73 flood mitigation projects. Another RM41.4 million has been allocated under the *Akaun Amanah Caruman Parit* for eight projects by the same department. Furthermore, the State Government has set aside RM33.85 million for the implementation of two flood mitigation projects in the Kuala Langat district.

Selangor's strategic location and world-class infrastructure, particularly Port Klang, have positioned Malaysia as a hub for inbound and outbound logistics. The accessibility and efficiency of Port Klang have made it a preferred gateway for regional trade, contributing to the State's infrastructure development. This has also played a crucial role in supporting the New Global Distribution Centre (GDC) project which aims to enhance connectivity and trade opportunities.

In addition to these developments, Selangor has also focused on infrastructure for education and other functional buildings. Investments have been made to ensure the construction and improvement of educational facilities, creating conducive spaces for learning and development.

Overall, Selangor's infrastructure development efforts encompass rural infrastructure for enhanced access and connectivity, flood and disaster infrastructure for mitigation and resilience, port and logistics infrastructure for trade facilitation and investments in education and functional buildings to support various sectors in the State.

## 2. Accelerate energy transition in the State in response to the net-zero agenda

Green growth is a national strategy to remain competitive and unlock new cleantech investments into the country while introducing new growth sectors and positioning Selangor as an attractive hub for clean energy investments in the State. The introduction of Malaysia's NETR and NIMP 2030 will further accelerate the transition as Selangor pivots towards green growth and high-value manufacturing sectors. Selangor gives the greenlight to large-scale solar farm projects on agricultural land, expanding beyond industrial land. The SISGEP in Rawang, which includes a WTE plant, is expected to generate approximately 58 megawatts from processing 2,400 tonnes of garbage daily. Furthermore, Selangor aims to develop its Net Zero Energy Vision 2040 to generate 1 gigawatts of renewable energy by 2030.

Recognising the need for differentiated competencies and talent in the green transition, the Solar Photovoltaic (PV) Centre of Excellence has been renamed to the Centre of Excellence for Sustainable Energy, reflecting a broader commitment to advancing expertise and innovation in the renewable energy sector. Strong policy signals have attracted domestic and foreign investors to Selangor, resulting in public-private partnerships and investments in energy transition projects, including the expansion of electric vehicle (EV) charging infrastructure.

## 3. Safeguard food security and self-sufficiency

Global supply chain disruptions has impacted Malaysia directly through trade restrictions, making food security a priority for Selangor. Selangor is impacted indirectly through the passthrough effects of higher cost of energy and fertilisers, raising concerns about food security, purchasing power and the cost of living despite price controls and government subsidies. Therefore, food security became a state priority with an allocation of RM40 million announced in the 2024 Selangor Budget. While food security is a wider topic, Selangor's main concern and efforts lie in achieving greater self-sufficiency to adapt to supply-chain challenges. This is achieved by positioning Selangor to be a major producer of high value agriculture products, focusing on increasing production yield and quality of key food crops and livestock through modern farming techniques and technologies, given the limited land availability of a highly urbanised Selangor.

The new initiatives are underpinned by modernising and localising the agritech economic focus sector through the regional development strategy (e.g., SABDA). This includes initiatives related to improving the quality of seeds for agriculture production and breeds for livestock production with reduced environmental impacts. The Selangor Agritech

Accelerator Programme introduces several projects that adopt advanced food production technology such as compost technology, hydroponics, fertigation, geographic information systems and controller systems. Apart from projects, policies on food production (aquaculture and chicken production) are also being reviewed to support modernisation for higher yields and cleaner production.

From a geographical development perspective, new initiatives under SABDA are the Selangor Smart Agro Park (SSAP) and Selangor Smart Agro Farm (SSAF) in Sungai Air Tawar, Jelutong Jati, Changkat Menteri and Sungai Panjang, focusing on fruits, vegetables and meat production. Furthermore, Selangor intends to develop Kuala Selangor and Hulu Selangor as modern aquaculture hubs and develops a strong agricultural value chain. From a wider State level, Selangor will initiate crop clusters and support downstream activity in each region.

Finally, the State Government through *Perbadanan Kemajuan Pertanian Selangor* (PKPS) will safeguard food stock availability, particularly supply of rice, fish and meat to better respond to future disruptions arising from climate change and geopolitical crises.

## 4. Drive digital momentum in governance and economy

Digitalisation is rapidly progressing globally with a strong push by the Malaysian government, transforming economies and impacted communities. There is a stronger demand from the citizens for enhanced efficiency and convenience through digitalisation. Hence, additional digitalisation initiatives aim to transform government administration and services while building a digital economy. The second phase of RS-1 seeks to streamline and align platforms and applications for ease of use in local communities, such as CEPat and Selangor Super App. Furthermore, there are new initiatives related to the digital transformation of government administration in Islamic matters, including the *e-Masjid* and *Smart Masjid* initiatives to improve mosque management in Selangor as well as *e-Tauliah* to facilitate the application for Islamic teaching licence in Selangor. The digital economy focus sector introduces the Selangor Centre for Artificial Intelligence as a keystone initiative to attract new investments and talent. Additionally, the Smart Selangor GigaBit network (SeGnet) is expected to improve the delivery of government services through better connectivity.

### 5. Increase efforts in poverty eradication and catalysing care economy

Despite having multiple social programmes aimed at increasing household income and tackling unemployment, there has been limited improvement in the macro-indicator on absolute poverty and relative poverty from 2020 to 2022. The following phase of RS-1 aims to reprioritise and increase efforts in poverty eradication through the expansion of social programmes such as *Program Bantuan Blueprint Pembasmian Kemiskinan Negeri Selangor* and *Dana Usahawan Madani Selangor (DUMS)*. These programmes aim to benefit more recipients and study their effectiveness to ensure sustainable income growth. Catalysing care economy in the state is also a new focus, to ensure sufficient support services as well as infrastructure, to address wellbeing of children, senior citizens, persons with disabilities and other vulnerable groups. Additionally, poverty eradication in rural areas is addressed through a location-based approach. For example, SABDA and KUSDEZ economic zones are established to stimulate economic activity in the northwestern areas of Selangor while strengthening urban-rural linkages through agricultural development and diversification.

### 6. Enhance access to financing

Access to financing has been identified as a crucial enabler during the RS-1 MTR to ensure the successful implementation of the PPIs and to scale their impact. The development of various infrastructure projects, geographical development plans and socio-economic initiatives requires sustainable financial resources. Selangor is exploring sustainable financing mechanisms to scale finances beyond public funding to support different projects and needs, including public-private partnerships (PPP). Furthermore, different forms of economic instruments are also being explored such as imposing a pollution fee for discharge into the drainage system as a means to incentivize environmentally responsible practices. Such efforts are critical to ensure the long-term sustainability of the projects.

## 1.3 Key Messages on RS-1 Implementation

The RS-1 MTR key messages to guide Selangor through the next phase of the RS-1 journey.

### Key message 1: Good progress has been made but more needs to be done

Selangor has made significant progress in achieving the goals of RS-1 since 2021. However, there is a need to intensify efforts in the game changer projects, focusing on quality delivery and accelerating implementation (currently progressing at 49%). The RS-1 MTR process has merged or reprioritised the PPIs to strengthen and align implementation without negatively impacting the macro-indicators. Structural changes are necessary to achieve the aspirations of a liveable and smart Selangor. This requires a paradigm shift in the planning process itself, going beyond technology, programmes and infrastructure solutions. For example, despite the positive signs from investing in electric vehicle charging infrastructure in Selangor, resolving traffic congestion requires a fundamental shift in how cities and mobility systems are planned. Similarly, there is a call to action for better waste management practices by promoting sustainable consumption and production, other than technological solutions like WTE plants.

## Key message 2: Strong governance and leadership has been pivotal in consistent RS-1 implementation

Strong governance and leadership is the backbone in ensuring the consistent and effective implementation of RS-1. Since RS-1 was introduced, the State's budget announced are noticeably more aligned with the long-term development plans. The robust oversight provided by the RS-1 governance team has fostered accountability and collaboration by streamlining decision-making processes, with frequent monitoring and tracking by SIAP. Furthermore, Selangor is constantly adapting to new development trends and policies as the RS-1 implementation process catalysed the consolidation and streamlining of efforts and policies, with clearer roles and responsibilities as well as understanding of the cross-cutting impacts and issues.

## Key message 3: Public-private partnership to mobilise financing

The adoption of public-private partnerships has been crucial for mobilising finance and ensuring the successful progression and completion of the RS-1 projects, programmes or initiatives. PPP leverages the financial strength of the private sector and harnesses its agility and innovation and promotes a synergistic relationship that aligns the interests of both public and private stakeholders. Menteri Besar Selangor Incorporated (MBI) and its group of companies play a pivotal role in structuring partnerships in many of the economic and geographic development projects. Moving forward, the State aims to explore sustainable financing mechanisms to scale finances to be channelled to RS-1 implementation.

## Key message 4: The localisation agenda through integrated spatial planning and economic strategies

Integrating spatial planning and economic development is instrumental in ensuring that RS-1 policies and impacts benefit local communities and foster consistent and location-based implementation. Harmonising spatial planning with economic development goals emphasises the continuous development of urban and rural areas. The ongoing gazettement of local plans (*Rancangan*

*Tempatan*) captures the economic clusters, while addressing social and infrastructural needs. Elevating Klang Royal City Council (*Majlis Bandaraya Diraja Klang, MBDK*) to a city status, as announced in the 2024 Selangor Budget, supports conurbation of the Selangor Greater Klang Valley, aligning spatial expansion with targeted economic activities and addressing the unique needs of different communities. Integrated planning and development will play a pivotal role in nurturing equitable prosperity, enhancing quality of life, and strengthening urban-rural linkages as RS-1 progresses.

## Key message 5: Strengthening poverty eradication and promoting care economy

While Selangor has achieved success in "raising the ceiling", the State Government needs to intensify efforts in "raising the floor" in the context of *Ekonomi MADANI*. Selangor's unemployment rate is lower than the national average since 2015, while median household income has increased significantly, even surpassing the 12MP target for the central region. Absolute poverty has seen a reduction by 0.2% from 2020 to 2022, whilst relative poverty increased from 13.9% to 14.2% from 2020 to 2022. More targeted and concerted efforts could further address the urban and rural poverty to meet the RS-1 targets. The increasingly ageing society in the State is also a key concern for Selangor. In addition to state healthcare programmes benefiting senior citizens, it is important to address other aspects of their wellbeing, such as income sufficiency and quality of life.

Furthermore, in a pioneering move, Selangor is introducing the Selangor Care Economy Action Framework 2024-2028, accompanied by the establishment of the Selangor Care Economy Action Council, led by the YAB Dato' Menteri Besar Selangor. This initiative positions Selangor as the first state in Malaysia to take a proactive role in strategic planning and monitoring to address the challenges associated with unpaid or underpaid caregiving services. The State Government's priority towards care economy creates a more inclusive and equitable society, recognising the contributions of caregivers and ensuring their wellbeing.

# 02

## Selangor in a Changing World

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## 2.1 The Macroeconomic Landscape

The recent economic landscape has been characterised by a continuous State of flux, presenting a spectrum of challenges and opportunities. In 2021, the world marked the return to a “new normal” following the COVID-19 pandemic but was quickly disrupted by the war in Ukraine, triggering a series of food and energy crises which amplified existing issues of inflation, high cost-of-living, trade wars and climate-related disasters, amongst many others.

### What has changed in Malaysia since the RS-1 was released in 2021?

**Malaysia is not insulated from global economic pressures but has its own unique success and challenges in balancing socio-economic growth.**

Global economic growth has slowed, narrowly falling into recession as advanced economies' growth fell from 5.3% in 2021 to 2.5% in 2022 and 1.6% in 2023, the fourth fastest deceleration in the past 50 years. However, Malaysia's growth bucked the global trend in 2022 and is the highest relative to our regional peers (e.g., Vietnam (13.9%), Philippines (7.6%) and Singapore (4.1%) as the economy expanded at 14% (YoY). Despite that, Malaysia's GDP growth normalised to 3.7% in 2023 mainly due to slower global trade, the global tech downcycle, geopolitical tensions and tighter monetary policies. The impact will cascade particularly to the vulnerable segments of the society, economic sectors and supply chain.

**Global supply chain disruptions have impacted Malaysia directly through trade restrictions and indirectly through the passthrough effects of higher cost of energy and fertilisers.**

This raises concerns about food security, purchasing power and the cost of living despite price controls and government subsidies. Inflation has been a contributing factor to higher food, housing and utility costs although it began to moderate in 2023. Malaysia Budget 2024 mentioned the need to enhance food security while rationalising government subsidies. A World Bank survey (2023) revealed that economic rebound remains uneven. Nearly 70% of the lower-income households report inadequate financial resources to meet monthly basic needs and more than 60% have no household savings<sup>11</sup>.

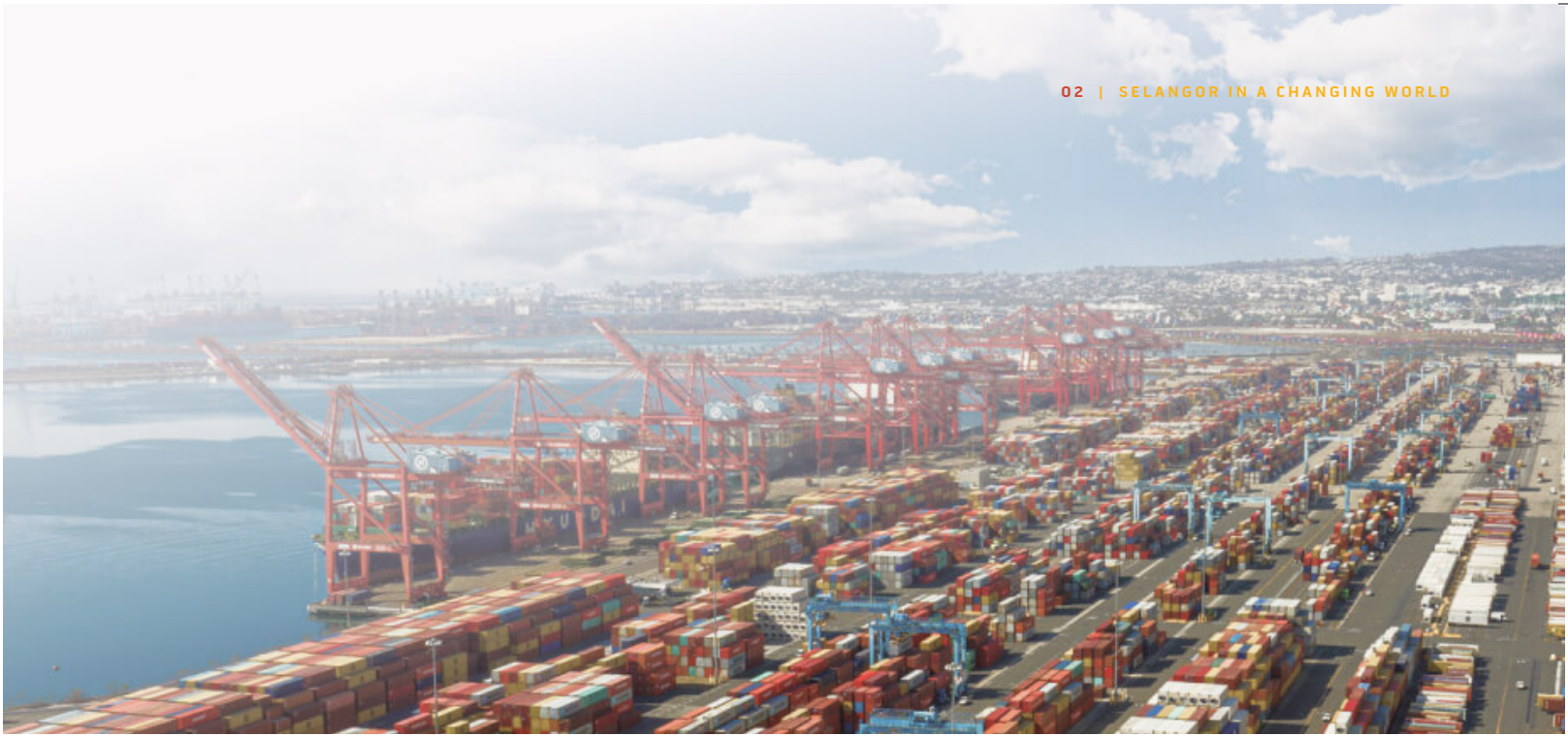
**The COVID-19 pandemic has accelerated digitalisation in Malaysia across the different sectors, government and private services.**

The adoption of digital platforms, payments, financial services and collaborative platforms has increased. At the Federal level, between 70% and 90% of their services are end-to-end or fully digitalised in 2022. In comparison, Selangor has achieved 82.32% of end-to-end digital government services. While progress has been made, there are still gaps and challenges, particularly amongst the rural residents and MSMEs. The Malaysia Digital Economy Blueprint aims to support the states and firms in building digital literacy and infrastructure to steer Malaysia towards becoming a digitally-driven, high-income nation and a regional leader in the digital economy.

**Aside from digital connectivity, strengthening physical infrastructure connectivity through rail, logistics and public transport has been pivotal for regional development and integration into the global supply chain.**

The ECRL connects from Port Klang to Malaysia's east coast region, leveraging rail infrastructure as the new impetus for growth, reducing regional disparity and maximising development opportunities. Strengthening port infrastructure and connectivity is essential as Malaysia's maritime industry contributes to 40% of the GDP and more than 90% of Malaysia's trade is seaborne. The expansion of port capacity such as Port Klang will further enhance trade capabilities as the annual capacity will be increased by 60% to 32 million twenty-foot equivalent units (TEUs) by 2040<sup>12</sup>. Within Selangor, investments in public transport systems and low-carbon mobility, including EV charging infrastructure, are being supported by the State and local authorities, complementing the Federal government efforts.





**Given the growing pressure of climate change impacts and a shrinking window to transition to a 1.5°C world**, the world has seen a drastic rise in net-zero commitments in national legislation and policies in the last two and a half (2.5) years, increasing from 10% to 75%. Remarkably, 65% of the world's largest 2,000 companies have net-zero targets, with pressure to move from commitments to implementation<sup>13</sup>. Similarly, Malaysia revised its Nationally Determined Contribution (NDC) in 2021 to unconditionally reduce GHG emissions by 45% in 2030 compared to 2005 levels (originally 35% of conditional reduction) and announced the commitment to achieve net-zero emissions as early as 2050. Green growth, biodiversity and natural resources protection as well as energy transition are no longer theories, rather a national strategy to remain competitive and unlock new cleantech investments into the country while igniting Selangor's manufacturing sectors. PETRONAS, Malaysia's national oil and gas company, even made a landmark announcement to achieve net-zero by 2050 while transitioning into a new energy sector. This will not only impact the companies along its supply chain but also signals the future growth trajectory of Malaysia. At the state level, Selangor has announced the development of its Net Zero Energy Vision 2040 through its subsidiary, Air Selangor, which will generate 1 gigawatts of renewable energy by 2030 as well as expedite its sustainable development and positioning the State as an attractive hub for clean energy investments.

**Ensuring inclusive social and economic growth opportunities that leaves no one behind**, the notion of just transition "underscores the essential interplay surrounding nation building, climate mitigation and adaptation as well as social justice to forge a pathway towards a sustainable future that leaves no one behind", as enshrined in the Economic Outlook 2024 by the Ministry of Finance. This also highlights the need to upskill and reskill Selangor's human capital and workforce with future skills. In the Malaysia Budget 2024 announcement, subsidy rationalisation will be implemented in a targeted manner, such as removing diesel subsidies except for logistics companies to manage inflation.



<sup>11</sup> World Bank. February 2023. Malaysia Economic Monitor. Expanding Malaysia's Digital Frontier.

<sup>12</sup> MIDA 2022 Malaysia's top ports to boost capacity to support trade growth.

<sup>13</sup> Net Zero Tracker 2023. Net-Zero Stocktake Report.

## 2.2

# Selangor Macro-Landscape: Opportunities and Challenges

Selangor's contribution to the national development agenda is significant, driven by its status as the most populous and developed state in Malaysia. The State Government plays a crucial role in driving economic growth and attracting foreign direct investment (FDI) through its strategic positioning and resilience. Selangor's commitment to economic growth and providing a stable and supportive environment for businesses, particularly MSMEs, has contributed to its success. The strategic positioning and resilience is fortified by strong fundamentals - good governance, innovation, inclusivity, better infrastructure and a competitive workforce.

### **How has RS-1 supported Selangor's economic, social and sustainable development? What are the key areas for improvement?**

***Selangor's impressive recovery from the pandemic shows the State's resilience, with a recorded GDP growth of 11.9% in 2022 but efforts must be strengthened to attract investments from high-complexity sectors.***

In addition, Selangor's contribution to Malaysia's GDP in 2022 was 25.5%, surpassing the initial target of 23.6% set for 2025 in the 12MP. The 12MP MTR has since been adjusted to anticipate the economic expansion of other Malaysian states with Selangor's contribution projected to be 25.1% by 2025. RS-1's efforts on accelerating sectoral reforms to boost priority and high-complexity sectors has made positive progress. Selangor recorded RM55.3 billion of approved investment in 2023, accounting for 17% of the total approved investment in Malaysia. Notably, 97.8% of the approved investment value, RM53.9 billion, comes from the priority and high-complexity sectors.

Selangor has become a manufacturing hub for various industries, including logistics, electrical and electronics. The State's mature value chain ecosystem has contributed to the growth of local companies and MSMEs. RS-1's priority is to enhance economic activities in the less-developed northern and western regions of Selangor by improving infrastructure and connectivity. This will lead to increased trade activities and significant socio-economic contributions to the logistics and agriculture sectors, with spillover effects in tourism. These efforts will help narrow the growth disparity within the different districts in Selangor and improve overall wellbeing.

***While Selangor has the third lowest absolute poverty rate amongst the Malaysian states (1.5% in 2022), relative poverty remains a challenge to inclusive growth.***

The pandemic has exacerbated this challenge, particularly for unskilled workers. RS-1 focuses on providing income-generating economic opportunities and social interventions for the urban and rural poor as well as different social groups, leveraging technological advancement. Selangor is the first state in Malaysia to introduce a holistic social safety net programme under *Itizam Selangor Penyayang*, comprising 46 initiatives. The state will continue to play a central role in promoting affordable housing and improving access to healthcare services. Efforts to address poverty will transition to a multidimensional perspective, addressing inequality and cost of living to uplift the income and standard of living of the poor and vulnerable groups.

**Selangor's green growth agenda aligns with Malaysia's climate mitigation and resilience goals. The State aims to enhance land use productivity, energy and water sustainability and accelerate the implementation of green growth initiatives.** As the most urbanised state in Malaysia, Selangor plays a pivotal role in supporting the country's NDC and net-zero target by 2050. Selangor has also set a target to reduce carbon emissions intensity of GDP but faces challenges in developing a credible baseline. The State takes a localised approach to the climate agenda, working with local authorities to address climate and environmental sustainability issues. Selangor is set to contribute up to 1.5 gigawatt of renewable energy by 2025, as part of Malaysia's ambitious target of providing 13 gigawatt of renewable energy by the same year. Another strategic initiative is to expand the EV sectors with plans to install another 1,000 charging station units throughout Selangor's local authorities with 500 being installed in 2024 and another 500 in 2025. This contributes to Malaysia's goal of installing 10,000 EV charging stations under the Low

Carbon Mobility Blueprint 2021-2030. Selangor has also established the DDOC to monitor disaster-related data, strengthening local climate resilience. The remaining period of RS-1 aims to further integrate efforts to improve urban resilience and infrastructure through leveraging data for better decision making.

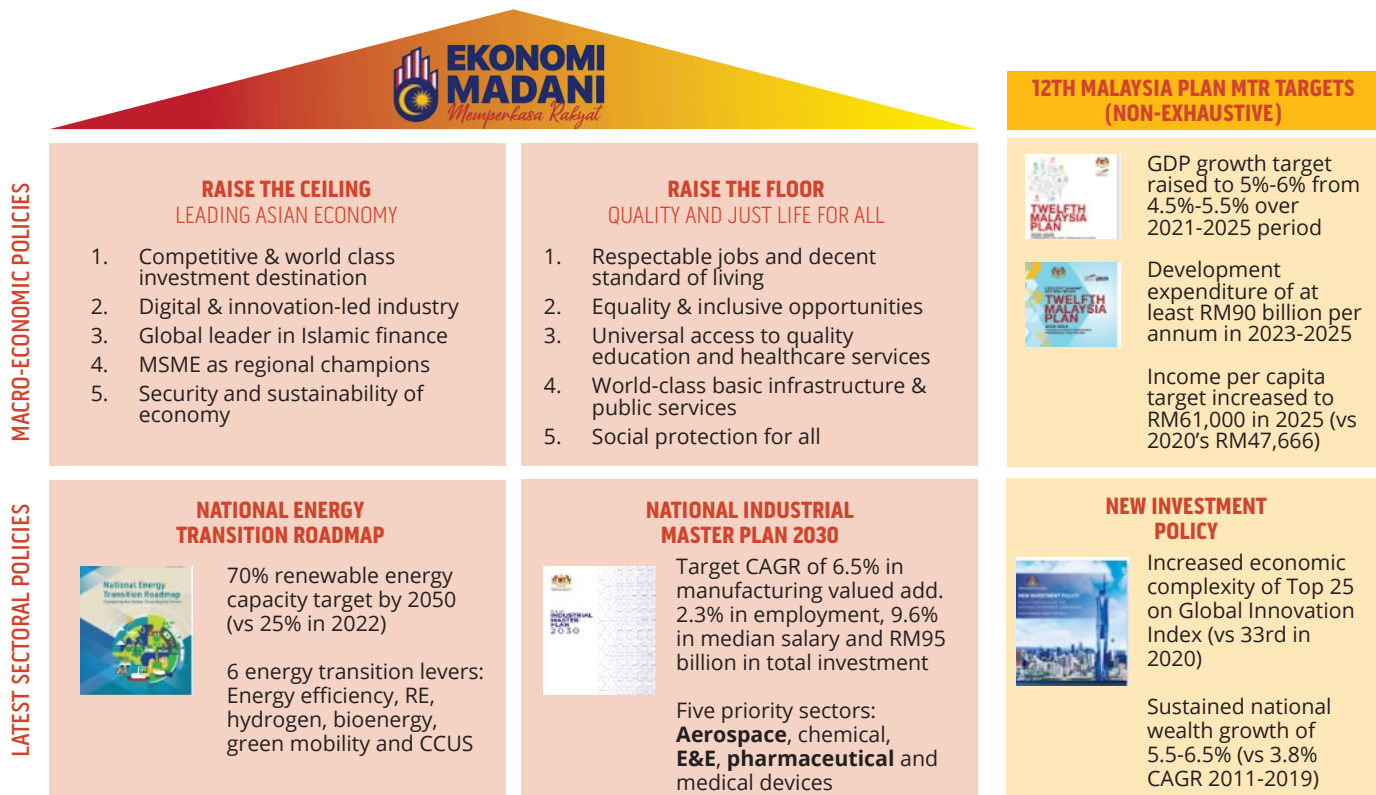
**Selangor enhances public service delivery through innovation to improve accountability, transparency and effectiveness.** During the RS-1 period, the State initiated a metropolitan governance model in Malaysia, the Selangor Greater Klang Valley initiative, integrating the administrative system of four local authorities. Additionally, the Selangor Government Data Exchange (SelGDX) portal was launched providing an integrated, data sharing platform across agencies and the public sector. This promotes data-driven decision-making, enhances efficiency and enables better policy formulation. It also facilitates business interaction with companies and potential investors.



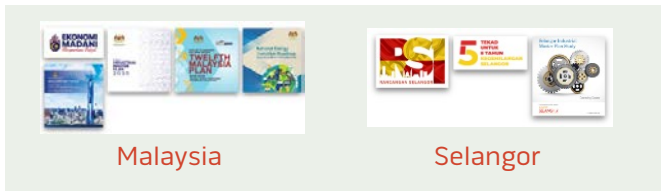
## 2.3 Selangor Policies

The philosophy and concept of RS-1 aimed to support the post-pandemic economic recovery, with a particular focus on the MSMEs service sector and medium skilled workers. The goal was to leverage new growth opportunities and strengthen strategic core industries and sectors to drive inclusive and sustainable growth. Since RS-1's implementation in 2021, there has been a drastic shift in the macro-economic and political landscape of Malaysia and Selangor. In response to these changes, **what prevailing themes have emerged as Selangor aligns itself with the national policies and adapts to the shifting macroeconomic environment?**

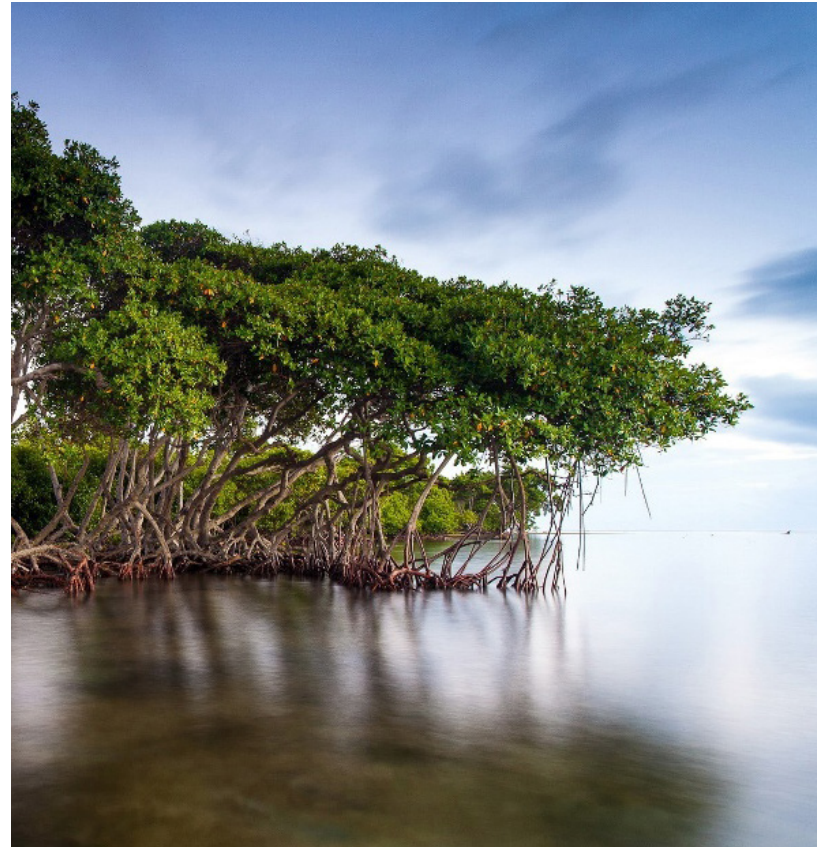
Figure 2.1: Snapshot of the landmark macroeconomic and sectoral policies announced in the past year (non-exhaustive)



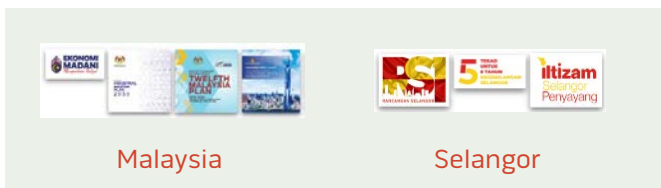
## 1: Nurturing higher economic complexity and spurring growth in high value economic sectors



Selangor's contribution to Malaysia's GDP in 2022 stands at 25.5%. Moving forward, the State aims to continuously stimulate growth in high-complexity sectors to advance economic complexity. Special attention is given to the high-impact and emerging growth sectors like electrical and electronics (E&E), electric mobility, aerospace, and pharmaceuticals. This aligns with the National Industrial Master Plan 2030 (NIMP 2030), which aims to cultivate high-value industries through technology and innovation to enhance Malaysia's industrial competitiveness. Selangor, as the host of the international airport, is particularly focused on aerospace development through projects like Selangor Aero Park (SAP), Selangor Drone Centre of Excellence (SDCOE), and the Selangor Skills Framework Platform. The State is also committed to green investments for long-term green growth, as demonstrated by the SISGEP in Rawang.

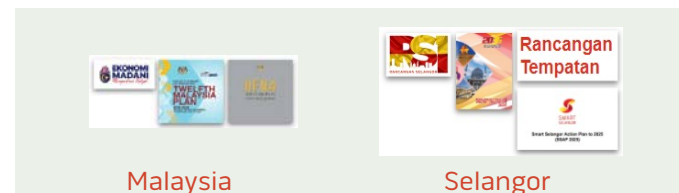


## 2: Enhancing inclusive development with emphasis on the vulnerable groups and MSMEs



Under the "raising-the-floor" pillar of *Ekonomi MADANI*, Selangor aims to provide inclusive opportunities and access to quality education and healthcare services for all with a focus on protecting the vulnerable groups, particularly for the urban poor and the rural districts. The flagship initiative, *Iltizam Selangor Penyayang*, addresses poverty alleviation, micro-entrepreneurship and social protection. Various incentives and programmes have been introduced to support the MSMEs and startups, including grants and funds such as the Selangor SME Digitalisation Matching Grant, Selangor e-Commerce Education, Selangor e-Commerce Onboarding Programme, *Jelajah Usahawan Digital Selangor* and Selangor Innovation Fund. Efforts to ensure equal access to digital infrastructure are also underway with improvements in digital infrastructure readiness in key economic areas and less-populated rural areas through initiatives like JALIN, Wifi Smart Selangor and 5G network facilitation.

## 3: Pursuing balanced regional development



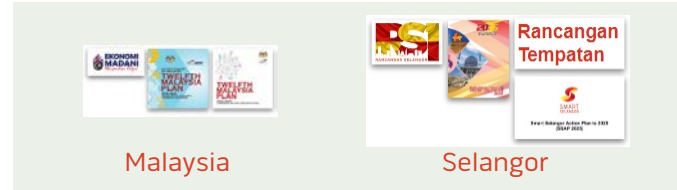
Geographical development plays an instrumental role in RS-1, driving regional and local development for economic growth and sustainable development. Initiatives like the NCT Smart Industrial Park and the ZPE SMG development focus on attracting high-value and green investment. IDRIS houses the first certified managed industrial park in Selangor, while the ZPE SMG development centres around river rehabilitation, beautification, and the creation of a liveable mixed development to attract businesses and residents. Agriculture projects under SABDA, such as Selangor Smart Agro Park (SSAP), Selangor Smart Agro Farm (SSAF), *Industri Hilangan Hasil Laut dan Agro Makanan Sungai Lang* and *Kompleks Pendaratan Hasil Laut Sekinchan* support growth for the region. Local authorities are expected to play an active role in shaping policies and infrastructure for a balanced regional development, with efforts to localise RS-1 implementation.

#### 4: Tapping into new growth sectors and promoting climate resilience



Selangor is committed to green growth and climate resilience, aligning with the NETR. The State aims to tap into new growth sectors and increase renewable generation capacity. Progress has been made in adopting solar energy at public buildings and expanding EV charging stations but scaling up these initiatives requires more financing and private sector investments. Selangor also supports national efforts to develop carbon markets and policies through the piloting of the Selangor Carbon Programme which focuses on generating high-quality carbon credits such as mangrove restoration.

#### 5: Enhancing the enablers



Critical RS-1 enablers such as public infrastructure, human capital development, SME growth, digitalisation and effective policy and regulatory frameworks are pivotal for the success of RS-1 implementation and realisation of positive impacts in the State. As Selangor is a significant economic contributor with a substantial pool of human capital in Malaysia, its achievement of RS-1 objectives will serve as a catalyst for the nation's progress towards realising the *Ekonomi MADANI* vision. Selangor aims to deliver more responsive government services through various initiatives. For instance, the accelerated digital onboarding of local authorities onto SeGNet and SSDC accelerates the delivery of Smart Government services in line with the Smart Selangor Action Plan 2025. Additionally, the *Sistem e-Tanah Selangor* will streamline the process of quit rent and parcel rent payment to land and district offices, promoting tax compliance and preventing leakages. These efforts contribute to more efficient and effective government operations in Selangor.



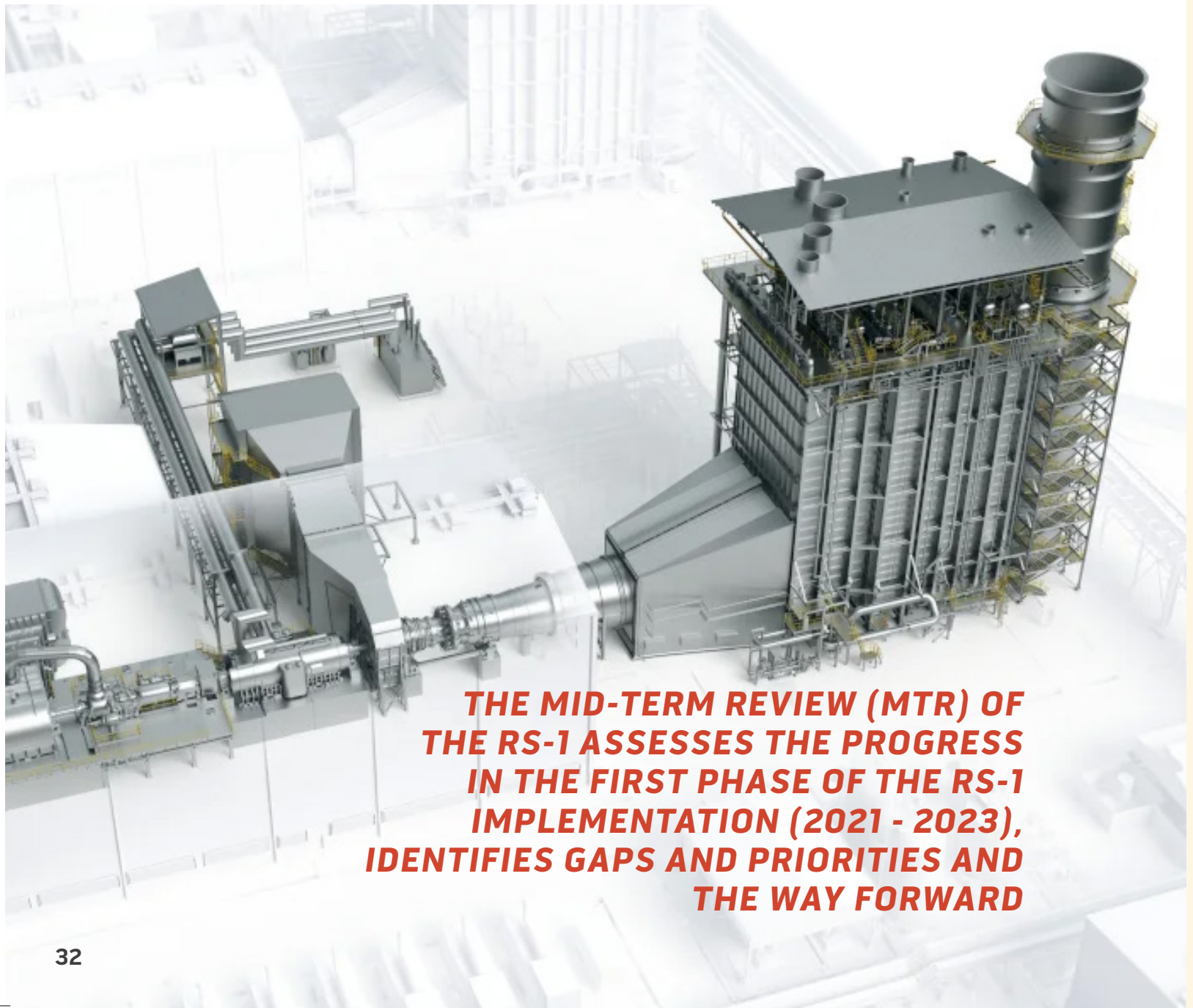
# 03

## Game Changers

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## 3.1 Introduction

The RS-1 identified 20 game changers across the four strategic themes to catalyse an inclusive and sustainable socio-economic development in Selangor. These catalytic initiatives include both public sector-led and private sector-led initiatives as well as public-private-civil partnerships. The MTR found that all game changers are progressing and the initiatives are ongoing at varying stages. Almost half of the game changers are already in the implementation stage while the rest are in early stages, i.e., concept, design, planning and obtaining approvals. This is within expectations for large-scale and long-term development projects.



**THE MID-TERM REVIEW (MTR) OF  
THE RS-1 ASSESSES THE PROGRESS  
IN THE FIRST PHASE OF THE RS-1  
IMPLEMENTATION (2021 - 2023),  
IDENTIFIES GAPS AND PRIORITIES AND  
THE WAY FORWARD**



## 3.2

# Key achievements and progress

### GAME CHANGER 1



#### CAREY SELANGOR (THIRD PORT)

##### DESCRIPTION

Carey Selangor is a proposed Special Economic Zone (SEZ) development in Pulau Carey for mixed development comprising industrial area, commercial, logistics, port and leisure. The development aims to boost and supplement the existing maritime economy ecosystem in Selangor, improve the availability of land for industrial development, enhance inland connectivity to support domestic consumption and foreign trade in the long run.

##### KEY ACHIEVEMENTS AND PROGRESS

- Both the port and SEZ developments are in the early stages of approval at the State and Federal level, aligned with the expected development timeline (2025-2026)
- Port development: Feasibility study for the Carey Selangor (Third Port) development was approved by the Ministry of Transport in 2022 and the Cabinet in November 2023. Subsequently, the business and operational model is slated to be finalised by 2025
- SEZ development: Carey Island Development Master Plan Study has been completed by PLANMalaysia @Selangor and approved by the *Majlis Mesyuarat Kerajaan Negeri Selangor* (MMKN) in December 2023

### GAME CHANGER 2



#### SHAH ALAM CONTEMPORARY AND MODERN ARTS (SAMA)

##### DESCRIPTION

Development of the SAMA complex, envisioned to not only operate as a gallery but also as a catalyst for the development of the country's visual arts industry.

##### KEY ACHIEVEMENTS AND PROGRESS

- Conceptualisation of SAMA is completed and in the midst of obtaining approval

### GAME CHANGER 3



#### JALUR LEBAR INDUSTRI SELANGOR (JALIN)

##### DESCRIPTION

Enhancement of internet connectivity in industrial areas to attract more FDI and domestic direct investment (DDI) into the State and strengthen the position of Selangor as a State of choice for local and foreign companies.

##### KEY ACHIEVEMENTS AND PROGRESS

- Ongoing efforts to identify greenfield and brownfield industrial zones as well as finalising agreements with developers, vendors and operators to construct telecommunication towers to serve the identified industrial zones

## GAME CHANGER 4



### SELANGOR AERO PARK (SAP)

**DESCRIPTION** Development of the first aerospace park in Sepang to realise Selangor's aspiration to position itself as a regional aerospace hub in ASEAN.

**KEY ACHIEVEMENTS AND PROGRESS**

- Feasibility study for Phase 1 completed in 2023
- Ongoing planning efforts for the master plan and development concept

## GAME CHANGER 5



### INTEGRATED DEVELOPMENT REGION OF SOUTH SELANGOR (IDRISS)

**DESCRIPTION** IDRISS is an integrated private investment development in Sepang and Kuala Langat districts, driven by the State Government and backed by Federal and State incentives.

**KEY ACHIEVEMENTS AND PROGRESS**

- A Task Force Committee was established as a facilitator and coordinator for implementation of identified projects
- NCT Smart Industrial Park is ready to start physical works in 2024
- Key mixed developments (Sepang Goldcoast Global Village and Amverton Cove Eco-Integrated Township) are at land and planning approvals stage
- Major projects, including Carey Selangor (Third Port) and Carey Island Special Economic Zone are in various approval and design stages

## GAME CHANGER 6



### SABAK BERNAM DEVELOPMENT AREA (SABDA)

**DESCRIPTION** SABDA aims to promote economic growth in the Sabak Bernam district through five core activities: (1) Adding high value commodities and increasing productivity by utilising latest agricultural technology; (2) Develop industrial chain growth as well as job and market creation; (3) Develop tourism products related to agrotourism and ecotourism; (4) Attract new investment to develop downstream industrial activities; and (5) Develop infrastructure and public facilities.

**KEY ACHIEVEMENTS AND PROGRESS**

- Sections of the West Coast Expressway, a key connectivity infrastructure linking to SABDA, was completed in 2022
- Other connectivity infrastructure, such as *Jambatan Sg Air Tawar – Hutan Melintang* and *R&R Air Manis @ Kompleks Agropolitan Sabak Bernam*, are in early planning stages
- Various agriculture projects, including Selangor Smart Agro Park and Selangor Smart Agro Farm projects, are generally in design and planning stages
- Ecotourism projects, for example, *Eko-Pelancongan Ban Canal*, generally have started operations with further improvements are in planning
- The Sabak Bernam Consultative Council was established as a facilitator and coordinator for implementation of identified projects

## GAME CHANGER 7



### ZON PEMBANGUNAN EKONOMI SELANGOR MARITIME GATEWAY (ZPE SMG)

#### DESCRIPTION

ZPE SMG is a new economic development corridor which will cover 27,960 hectares revolving around Sungai Klang. Two main development zones identified within the ZPE SMG: (A) Economic Development Zone of approximately 22,780 hectares recognised in MBDK's Local Plan 2035 and (B) Economic Development Zone to include three municipalities namely *Majlis Bandaraya Shah Alam (MBSA)*, *Majlis Bandaraya Subang Jaya (MBSJ)* and *Majlis Bandaraya Petaling Jaya (MBPJ)* with a total acreage of approximately 5,180 hectares.

#### KEY ACHIEVEMENTS AND PROGRESS

- Key riverfront developments in *Seksyen 24 Shah Alam* and *Tanjung Syawal, Klang* are obtaining planning approvals (e.g., application stage, conditional approval)
- Phase 1 development is expected to start in 2025

## GAME CHANGER 8



### ILTIZAM SELANGOR PENYAYANG (ISP)

#### DESCRIPTION

An umbrella of social programmes by the State Government encompassing social welfare, entrepreneur micro-financing and grants, healthcare schemes and incentives, affordable housing schemes, education programmes and various assistance programmes.

#### KEY ACHIEVEMENTS AND PROGRESS

The list of social programmes under ISP has expanded from 44 to 46 programmes. Key highlights of some of the programmes are as follows:

- Amongst the biggest programmes in ISP is BINGKAS which provides RM300 monthly assistance to 27,542 families
- From 2021 to 2023, a total of 251,380 recipients from B40 families have benefited from the *Itizam Selangor Sihat* RM500 medical coverage in obtaining medical treatment at private healthcare facilities in Selangor
- *Skim Hijrah Selangor* is another exemplary programme in ISP, benefitting more than 17,000 entrepreneurs in the past three years (2021 to 2023)
- *Program Tuisyen Rakyat Selangor (PTRS)* has grown from 177 participating schools in 2021 to 189 schools in 2022 and to 225 schools in 2023; 135,000 total students are registered on the PTRS portal, receiving access to learning materials, from 2021 to 2023
- As part of the affordable housing initiatives, 15,043 housing units were completed under the *Rumah Selangorku* Scheme while 1,146 units were offered under the *Smart Sewa* Scheme in 2022 and 422 additional *Smart Sewa* units were offered in 2023



## GAME CHANGER 9



### SELANGOR SILVER WORKFORCE EMPLOYMENT PROGRAMME

**DESCRIPTION** Development of an employment platform for the senior citizens in Selangor.

**KEY ACHIEVEMENTS AND PROGRESS**

- The initiative is in the concept planning stage with research of programmes through *Kolokium Kebajikan* and a benchmarking programme
- The development of the programme concept is expected by Quarter 4 2024 and launch of pilot programme is expected by 2025

## GAME CHANGER 10



### SELANGOR MARITIME GATEWAY (SMG) - SUNGAI KLANG CLEANING AND REHABILITATION

**DESCRIPTION** Deepening and widening of 56km of Sungai Klang through upgrading and installing infrastructure to increase the carrying capacity of Sungai Klang as a flood preventive measure as well as to enhance the river water quality.

**KEY ACHIEVEMENTS AND PROGRESS**

- 25% of detailed design throughout Block 1 to 4 has been completed in 2023
- Completion of the widening and deepening work in Package 1 and 2 of the Sungai Klang expected in 2025

## GAME CHANGER 11

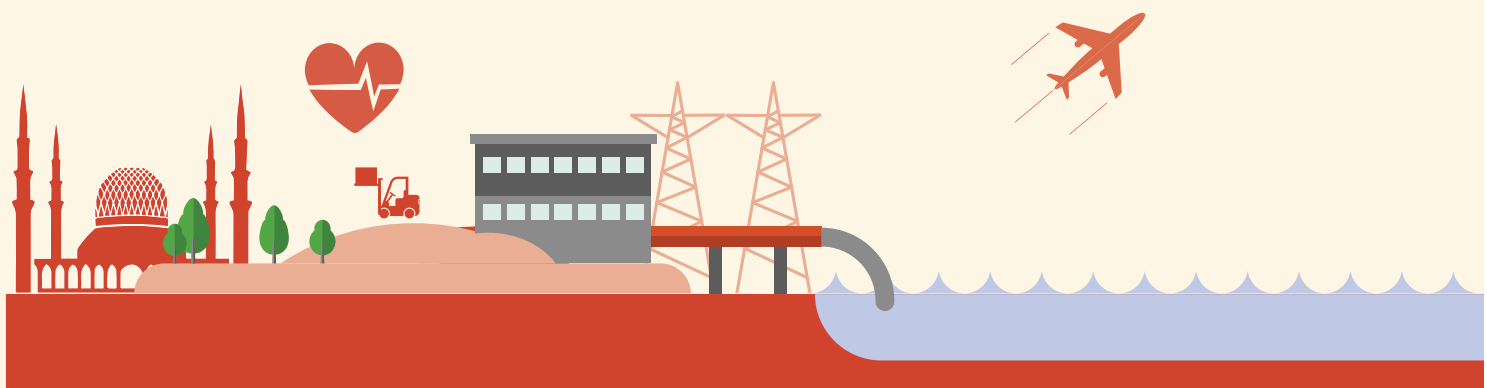


### RASAU WATER SUPPLY SCHEME

**DESCRIPTION** The development of the Rasau Water Treatment Plant (WTP), which is expected to produce 1,400 MLD of clean water once both stages are fully completed which will increase water capacity.

**KEY ACHIEVEMENTS AND PROGRESS**

- Rasau WTP Phase 1 development slated to complete and to operate in December 2025



## GAME CHANGER 12



### DEVELOPING GHG INVENTORY SYSTEM FOR SELANGOR

**DESCRIPTION** Development of a uniform GHG emission reporting mechanism to be adopted at the State and local authority level to allow for better low carbon planning at the local level.

**KEY ACHIEVEMENTS AND PROGRESS**

- Selangor is in the process of developing a GHG inventory system for every local authority which will adhere to the preferred Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC) standard
- Malaysian Green Technology and Climate Change Centre (MGTC) is supporting *Majlis Perbandaran Sepang* (MPSp) and *Majlis Perbandaran Selayang* (MPS) to conduct a low carbon study which includes evaluating the need to establish a GHG inventory system using the GPC standards

## GAME CHANGER 13



### DEVELOPMENT OF INTEGRATED SOLID WASTE MANAGEMENT CENTRE (ISWMC) WITH A WASTE-TO-ENERGY (WTE) TREATMENT PLANT

**DESCRIPTION** The ISWMC are envisioned to have modern facilities to process the municipal waste which includes Waste-to-Energy (WTE) Plant, Material Recovery Facilities (MRF), composting plant, anaerobic digester and landfill. All facilities will complement each other with WTE as the main component to the ISWMC. WTE plant is a facility to convert non-recyclable waste into usable forms of energy. Two WTE facilities will be located at ISWMC Jeram with the capability to process 3,000 tonnes per day of solid waste into electricity while one WTE facility is to be developed at Tanjung Duabelas with the capability to process 1,800 tonnes per day of solid waste.

**KEY ACHIEVEMENTS AND PROGRESS**

- Construction of WTEs in Jeram commenced on 1 August 2023 and the Ground Breaking Ceremony was launched on 17 October 2023

## GAME CHANGER 14



### CENTRAL RISK MANAGEMENT COMMITTEE (RMC)

**DESCRIPTION** Establish a core risk management committee to conduct risk planning, analysis and collaboration to manage macro risks and threats across the state, beyond disasters. Central visibility and coordination is critical to enable alignment in policy preparedness to mitigate risks and address implementation challenges for timely responses.

**KEY ACHIEVEMENTS AND PROGRESS**

- The RMC establishment is at the early concept and initiation stage. The RMC is planned to be established by 2024



## GAME CHANGER 15



### ESTABLISH A DEDICATED STATE INTELLIGENCE ANALYTICS UNIT (IAU)

**DESCRIPTION** Establish a team of technical experts to research, process, analyse and derive critical intelligence and insights from the wealth of state, open and big data to inform policy decisions and actions.

**KEY ACHIEVEMENTS AND PROGRESS**

- The State IAU has been established to oversee data analytics for a better and more informed policymaking process. Talents and in-house experts with the right competencies will be appointed to carry out the IAU functions

## GAME CHANGER 16



### PUBLIC-PRIVATE-CIVIL PARTNERSHIPS (PPCP)

**DESCRIPTION** Community-based projects that are ideated or initiated by the civil society, specifically *Program Sinergi Prihatin* which is a welfare-based collaboration programme between welfare associations and non-governmental organisations (NGOs) and the State Government.

**KEY ACHIEVEMENTS AND PROGRESS**

- Nine welfare associations and NGOs received a total of RM450,000 budget allocations for *Program Sinergi Prihatin* in 2023
- Welfare associations and NGOs are targeted to receive RM150,000 budget allocations for the implementation of the social welfare programmes in collaboration with NGOs in 2024

## GAME CHANGER 17

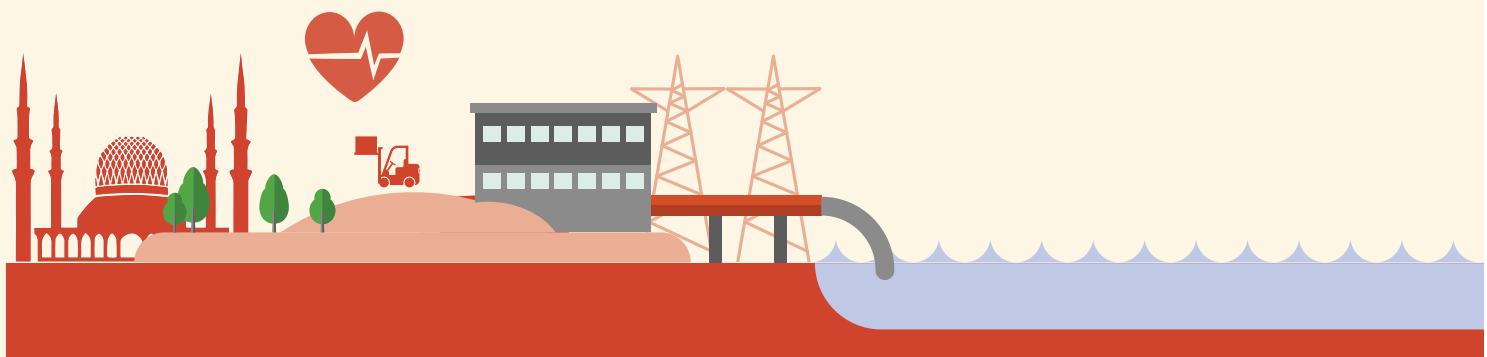


### SELANGOR GOVERNMENT DATA EXCHANGE (SeIGDX)

**DESCRIPTION** SeIGDX is a data sharing platform which provides data integration services across agencies to facilitate the provision of end-to-end online services. The implementation of SeIGDX allows information to be coordinated and shared more efficiently. Indirectly, agencies are able to reduce the cost of infrastructure provision and system integration.

**KEY ACHIEVEMENTS AND PROGRESS**

- SeIGDX that offers a data broker service for State departments and agencies went live on 13 October 2023
- 12 of the 30 targeted APIs have been integrated into the SeIGDX Platform as of 11 January 2024



## GAME CHANGER 18



### PULAU INDAH POWER PLANT (PIPP)

**DESCRIPTION** PIPP, a 1,200 megawatts natural gas-powered power plant in Pulau Indah, will support the increasing demand for cleaner electricity through a more efficient and cleaner process, reducing carbon output.

**KEY ACHIEVEMENTS AND PROGRESS**

- PIPP is now under testing and commissioning phase, Back Energisation achieved in October 2023 for Block 1 and February 2024 for Block 2
- PIPP is targeted to begin commercial operations by Quarter 4 2024

## GAME CHANGER 19



### DEVELOPMENT OF SHAH ALAM SPORTS COMPLEX (KSSA)

**DESCRIPTION** The development of KSSA as a world-class facility in Seksyen 13 Shah Alam is expected to enhance the activities and image of the sports sector in Selangor. Economic activity in the area will be sustained by various retail and community facilities which are supported by flood mitigation infrastructure.

**KEY ACHIEVEMENTS AND PROGRESS**

- KSSA development is in the pre-construction stage and in the midst of demolition works of existing infrastructure

## GAME CHANGER 20



### ESTABLISHMENT OF SELANGOR IMPLEMENTATION AND PERFORMANCE MONITORING UNIT (SIAP)

**DESCRIPTION** SIAP's roles and responsibilities include monitoring, evaluation and reporting of the implementation of key State's initiatives. SIAP also undertakes the role of advocating change management.

**KEY ACHIEVEMENTS AND PROGRESS**

- SIAP has been established as a dedicated unit in UPEN
- Currently, SIAP is monitoring key State initiatives, including RS-1 PPIs as well as High Impact Projects, among others
- RM1 million has been allocated in the Selangor State Budget 2024 to improve SIAP's functions and capacity



## 3.3 Reflections

Reflecting on the game changer PPIs in relation to the four strategic themes, several key insights emerge:



### Strengthening the Economy

The large-scale and long-term development projects are anticipated to spur economic growth, create job opportunities and promote balanced regional development. Currently, most of these physical projects are at the early stages of development. The key success factors to ensure implementation are access to financing, public-private partnerships, good project monitoring and governance structure, supported by long-term commitment and consistent policy direction. The State's effort can be seen through the establishment of relevant Task Forces that hold regular meetings and to monitor the progress of these projects. For a balanced economic development, the State also nurtures creative industry through the development of KSSA and SAMA.



### Advancing Sustainability

With urbanisation and population growth in Selangor, advancing sustainability is important to reduce emissions and utilise resources efficiently, creating a liveable state. While the public-private physical development projects are progressing well according to the planned timeline, their true impact will be only visible once they are completed (e.g., WTE plants). The State seeks to improve its policy and institutional governance related to climate mitigation, climate adaptation and sustainable urbanisation. However, challenges remain, particularly in dealing with technical complexity and data availability as well as achieving better horizontal and vertical integration in policy making and implementation process. Additionally, building internal capacity within the state and local authorities in Selangor is a key lever to this process.



### Enhancing Social Inclusivity and Wellbeing

The ISP spans across a wide range of areas and target groups, and the number of programmes has grown over the years. It is essential to evaluate the effectiveness of ISP programmes that have been operational for multiple years (i.e., five years and above) to prioritise programmes based on their effectiveness and current resource needs. This will ensure effective resource allocation and a targeted poverty alleviation approach. A comprehensive study will be conducted to understand the impact of the programmes on income uplift, skills development and the profitability of the entrepreneurs' businesses. Additionally, strategic fiscal and targeted social policies will be implemented, taking into account the specific needs of different income groups. Linking with the Federal Government's *Pangkalan Data Utama* (PADU) can strengthen the implementation of social programmes by providing a better understanding of their long-term impacts at the household level.



### S.M.A.R.T. and Effective Governance

In the ever-evolving landscape, it is crucial for the government to keep abreast of emerging trends and challenges, including technology advancements, changing risk landscapes and the growing influence of participatory society. Initiating systems, units and committees is only the beginning. To ensure success, the State still needs to effectively allocate sufficient resources with the right capabilities and competencies to deliver results. While digitalising government services and integrating data seek to foster collaboration, the real challenge lies in adopting a systems understanding and approach to address complex issues and avoid siloed policymaking. Another important aspect of delivering the game-changing infrastructure projects is establishing better public-private partnerships, such as setting up mini *Unit Kerjasama Awam Swasta* (UKAS) as a task force for specific issues. Finally, the ability to explore sustainable financing solutions is pivotal for Selangor's development and investment in infrastructure projects, social programmes and climate response efforts.





# 04

## Strategic Theme 1: Strengthening the Economy

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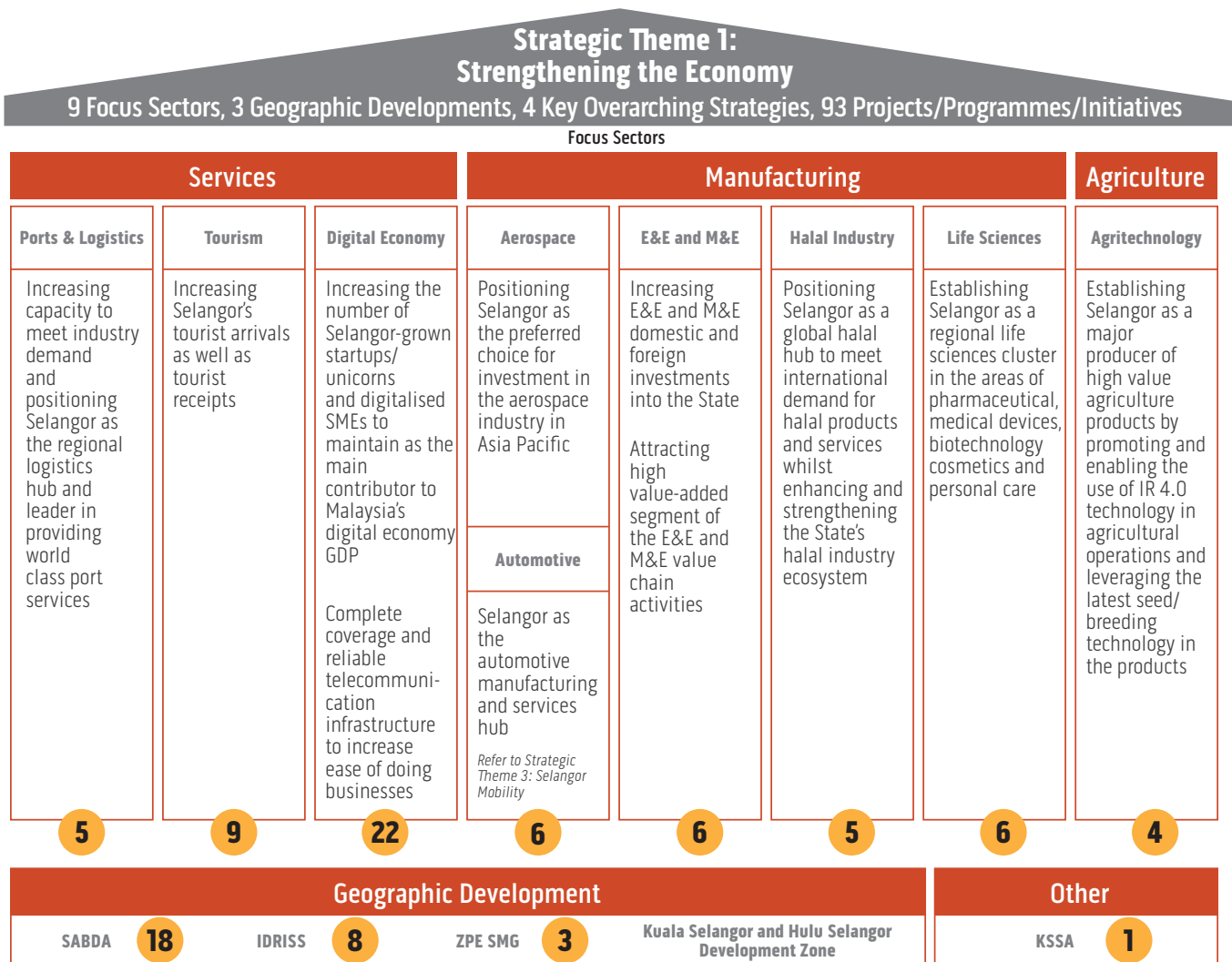


# 4.1 Introduction

The primary objective of the Strengthening the Economy Strategic Theme is to align Selangor’s growth development and investment strategies to attract world-class companies, including emerging unicorns and high-complexity economic activities. It also aims to drive catalytic projects in core economic and high-growth focus sectors, as well as nurturing economic growth in selected geographical areas that leverage the State’s competitive advantages. These initiatives will create exciting job

opportunities to achieve the aspirations of the *rakyat* in Selangor, with particular focus on supporting MSMEs. To achieve that, RS-1 identified nine focus sectors and three geographical development areas. The focus sectors will be underpinned by four overarching strategies: (1) facilitating the economic recovery post COVID-19, (2) strengthening strategic core industries, (3) catalysing development of new and emerging sectors and (4) enhancing the State’s competitiveness.

**Figure 4.1 Overview of the Strategic Theme 1**



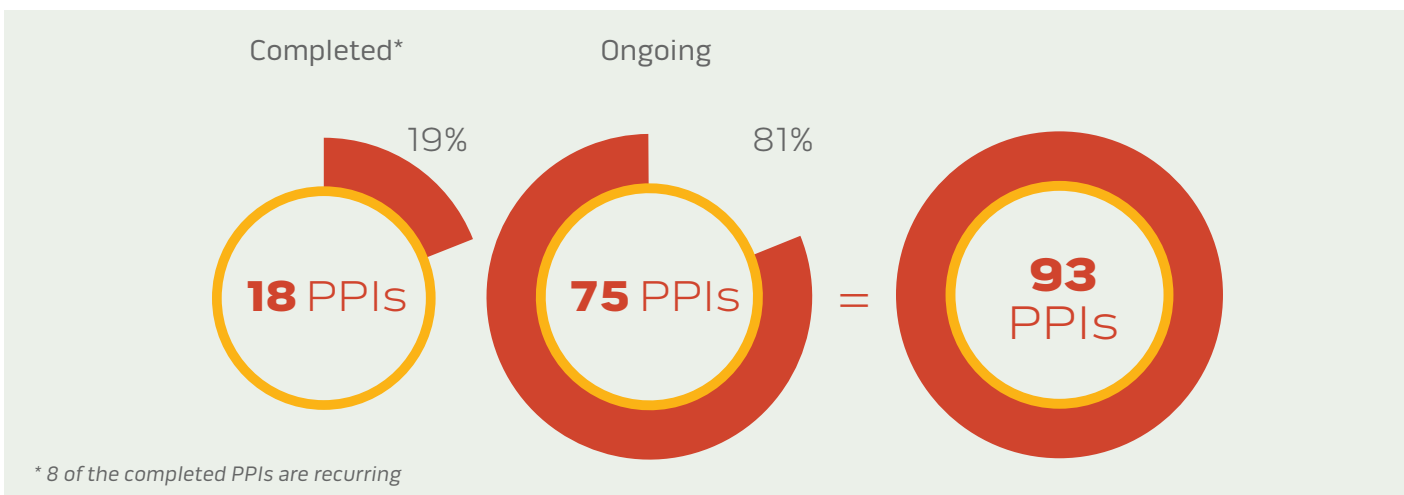
**93** Updated number of projects/programmes/initiatives identified as per Mid-Term Review

The MTR observed that implementation for all four key overarching strategies is progressing well since RS-1’s inception, with varying achievements across the focus sectors and the PPIs. The PPIs with a longer-term nature under the three Geographical Developments are

primarily at the concept and initiation phase, i.e. various stages of preliminary land-related approvals. The PPIs designed to support post-COVID-19 recovery are mostly completed, showing intentional support to businesses and efforts to translate plans into implementation.

## 4.2 Key Achievements and Progress

**Figure 4.2 Implementation status of Strategic Theme 1 PPIs**



### FOCUS SECTOR 1: PORTS AND LOGISTICS

The Ports & Logistics sector seeks to increase capacity to meet increasing industrial demand, and position Selangor as the regional logistics hub, providing world-class port services. Selangor, strategically located, is the biggest contributor to national GDP. Thus, it requires increased capacity on top of the existing infrastructure and strategic connectivity for its commercial and industrial activities.

Klang: The Prime Port City is an initiative to develop the area as a major logistics hub in the region as well as a premier international seafront for tourist destination. The PPIs under Klang: The Prime Port City include major logistics developments, such as the Westports 2 expansion, SBB Industrial Park and the Port Klang Cruise Terminal, which will support economic activities across the various key sectors.

The Westports 2 expansion is expected to almost double the current capacity, to 27 million Twenty-foot Equivalent Units (TEUs). The Port Klang Cruise Terminal will cater to both the cruise ship industry and the automotive shipping industry. The Sunway Pier project will feature a terminal complex building with a jetty head and approach bridge for ferries. The SBB Industrial Park, which is an ongoing development project in Pulau Indah, has been introduced during the RS-1 MTR, while Carey Selangor (Third Port) is now restructured to the Geographical Development: IDRIS as a landmark infrastructure project within IDRIS.



## SPOTLIGHT: SBB INDUSTRIAL PARK

SBB is the development of a prime industrial park in Pulau Indah, adjacent to the Westports. It is connected to the mainland via the Pulau Indah highway bridge, which is an extension of the KESAS highway and the South Klang Valley Expressway that links Pulau Indah to Pulau Carey to Teluk Panglima Garang. During the design phase, the development won several awards, namely the “The First Low Carbon Industrial Park” by the Malaysian Institute of Planners in 2018 and “Best Masterplan for Biotechnology Park” by the Property Insight Prestigious Developer’s Award in 2019.



Spanning across 1,000 acres of sea-fronting land, SBB Industrial Park is developed in three phases: Precinct 1, 2 and 3—over a 23-year period. The industrial development will cater to various sectors including (but not limited to) food and beverage, processing, logistics, warehousing, manufacturing, packaging, bio-industry and pharmaceuticals. Precinct 1A (industrial and commercial) has nearly completed infrastructure works and other development works are in progress.

Source: Central Spectrum website and social media, data reported during the MTR, Selangor Kini

**Table 4.1: Ongoing PPIs under Ports and Logistics focus sector**  
Ongoing

Westports 2 expansion	<ul style="list-style-type: none"> <li>Obtained Cabinet approval and signed concession agreement in December 2023</li> <li>Starting preliminary construction works</li> <li>To increase port capacity to 27 million TEUs</li> </ul>
Digital Port Community System (formerly known as Selangor Digital Port Initiative)	<ul style="list-style-type: none"> <li>Completed feasibility study in 2023</li> <li>Aligning system with Malaysia Maritime Single Window (MMSW)</li> <li>The completed system will support end-to-end process such as ship registration, ship clearance, track and trace</li> </ul>
Port Klang Cruise Terminal (PKCT)	<ul style="list-style-type: none"> <li>Obtaining government approvals to carry out Vehicle RoRo (Roll on-Roll off) Terminal activities</li> <li>Partial terminal building refurbishment in progress</li> <li>To support tourism activity, particularly cruise ships and to make PKCT the first dedicated automotive transshipment hub in Malaysia</li> </ul>
Sunway Pier	<ul style="list-style-type: none"> <li>The private sector-led project is in the process of obtaining planning approvals and starting demolition process of the existing structure</li> <li>On track for completion in 2026</li> </ul>

**Table 4.2: New PPI under Ports and Logistics focus sector**  
New

SBB Industrial Park	<ul style="list-style-type: none"> <li>Infrastructure work is nearing completion for Precinct 1A</li> <li>Constructing the second and third precincts</li> <li>The completed development will drive key industrial activities (e.g., manufacturing, pharmaceuticals, packaging, F&amp;B, processing and logistics), supported by close proximity to a major port</li> </ul>
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● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI



## FOCUS SECTOR 2: TOURISM

The Tourism sector PPIs aim to increase Selangor's tourist arrivals as well as tourist receipts. The PPIs range from various tourism promotional activities, support for MSMEs, Public-Private Partnerships (PPP) to drive new tourism products and services and obtain international recognition for selected tourism areas. The *Pusing Selangor Dulu* Campaign is projected to achieve targets

for both domestic and international tourist arrivals in 2023. One new PPI was added, the Gombak - Hulu Langat Geopark project, which aims to gain UNESCO Global Geopark recognition. The geopark has obtained National Geopark status and is currently working to meet UNESCO conditions in terms of improving geosite infrastructure and increasing research and promotional activities.

**Table 4.3: Completed and ongoing PPIs under tourism focus sector**  
**Completed**

Selangor Tourism e-Voucher	<ul style="list-style-type: none"> <li>PPI completed in 2022, with 10,000 e-Vouchers distributed with a total value of RM1 million. A total of RM1.8 million of tourism packages were sold.</li> <li>Supported the revenue and income of tourism operators, particularly during the post-COVID recovery period</li> </ul>
Digital Tourism Selangor - Training	<ul style="list-style-type: none"> <li>PPI completed in 2022, with 300 traders completed training to their efforts to increase digitalisation and online presence</li> <li>Through this programme, 100 traders registered new accounts on e-commerce platforms</li> <li>Supported the revenue and income of tourism operators through increased online marketplace presence, during the post-COVID recovery period and beyond</li> </ul>

### Ongoing

Selangor Tourism Public-Private Partnerships (PPP) Programme	<ul style="list-style-type: none"> <li>Several PPP agreements have been signed and products have been created under this programme (e.g., Go Selangor app, Hop-on Hop-Off Buses)</li> <li>New agreements and products are in progress</li> </ul>
Go Selangor App	<ul style="list-style-type: none"> <li>Launched the App in 2022</li> <li>Promotional activities to increase utilisation of the app is ongoing</li> </ul>
<i>Pusing Selangor Dulu</i> Campaign	<ul style="list-style-type: none"> <li>Surpassed 2023 tourism arrival targets which was 4.4 million domestic and 2.1 million international tourists</li> <li>Campaign is ongoing, through the introduction of vacation packages and promotional activity</li> </ul>
Selangor Ecotourism Master Plan	<ul style="list-style-type: none"> <li>Currently developing the State's tourism master plan</li> </ul>
Selangor Tourism Clusters	<ul style="list-style-type: none"> <li>Promotional activities in the key clusters are ongoing (cruise, sports, medical tourism)</li> </ul>
Selangor Community Host	<ul style="list-style-type: none"> <li>Skill development programmes for community hosts in 2024</li> </ul>

**Table 4.4: New PPI under tourism focus sector**  
**New**

Gombak - Hulu Langat Geopark	<ul style="list-style-type: none"> <li>National geopark status was obtained in 2022</li> <li>Currently preparing to obtain UNESCO Global Geopark status (geosites infrastructure, promotions, programmes and research)</li> <li>To develop 10 new geoparks by 2025</li> </ul>
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● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI



## FOCUS SECTOR 3: DIGITAL ECONOMY

The Digital Economy sector PPIs are planned to increase the number of Selangor-grown startups, unicorns and digitalised MSMEs to be the main contributor to Malaysia's digital economy GDP and to achieve complete coverage and reliable telecommunication infrastructure.

The completed PPIs are generally shorter-term interventions to support post-COVID recovery by supporting MSMEs to digitalise operations or increase online presence. Ongoing PPIs range from startup accelerator programmes, education and training initiatives, international business summit, improving connectivity in key industrial areas and reducing the digital divide.



### SPOTLIGHT: SELANGOR ACCELERATOR PROGRAMME AND PITCH@SELANGOR

In July 2023, the Selangor Information Technology and Digital Economy Corporation (Sidec) announced the launch of the sixth cohort of the Selangor Accelerator Programme 2023. This initiative is backed by the Selangor State Government and supported by Affin Bank Bhd as the main sponsor.

The programme focuses on the vertical elements of Artificial Intelligence (AI), Sustainability Impact, Healthtech, Agritech and Biotech. The Selangor Accelerator Programme 2023 offered a comprehensive range of support for selected startups, including:

- Three-month intensive and structured programme module comprising 11 workshops, three pitching clinics, five office-hour mentoring sessions, and a closed-door demo day
- Expert guidance and feedback from experienced mentors and industry leaders
- Networking opportunities and strategic partnerships with potential investors, customers, and collaborators cloud credits from Amazon Web Services (AWS), a strategic partner of the programme
- An exhibition booth at the prestigious 8<sup>th</sup> Selangor Smart City and Digital Economy Convention (SDEC) 2023
- Access to a dedicated co-working space at Selangor Sandbox for one year

The Selangor Accelerator Programme has been a launchpad for startups since its inception in 2018, nurturing over 150 startups, with 41% securing funding. Moreover, 70 startups have participated in overseas exposure and study trips. The Selangor Accelerator Programme 2023 edition worked with 40 startups, of which 40% were successful in receiving funding. In December 2023, Sidec led the 10 winning startups to participate in Meet Taipei, engaging with a global audience of investors and innovators. The Taipei working visit also included a session at Taiwan AI Labs, which showcased the power of Generative AI.

In the previous edition, Selangor Accelerator Programme 2022, the top five startup winners were from industries, such as fintech, biotech and health tech. Notably, four of these winners successfully secured funding within six months of completing the programme.



Source: Digital News Asia, Sidec website and social media, project owner data reported during the MTR



## SPOTLIGHT: SELANGOR INTERNATIONAL BUSINESS SUMMIT (SIBS)

The Selangor International Business Summit (SIBS) is a recurring annual initiative to attract domestic and international investments into Selangor and to position Selangor as the gateway to ASEAN. SIBS typically encompasses six major events, namely the Selangor International Expo Food and Beverage, Selangor Smart City and Digital Economy Convention, Selangor R&D and Innovation Expo, Selangor International Expo (Medic), Selangor Asean Business Conference and Selangor Industrial Park Expo.



The 2023 summit attracted a record-breaking of more than 57,000 visitors and more than RM6 billion in potential transactions in 2023, a marked increase from RM217 million in 2021 and RM4.5 billion in 2022. The summit also witnessed the signing of 34 memoranda of understanding, across various sub-sectors.

Following the highly successful SIBS 2023, the 2024 edition will likely be held in two parts to better cater to the needs of participants and attendees.

Source: SIBS website and social media, Selangor Journal

In addition, connectivity in the State was bolstered with nearly 1,700 Wifi Smart Selangor access points completed, targeting easily-accessible and more populated spots, such as education, health and religious institutions, community centres and low-cost housing areas. A similar PPI, *Rangkaian Sistem Perbadanan Perpustakaan Awam Selangor* (PPAS), extended network connectivity to 15 state libraries, thus improving network connectivity in rural areas.

Two new PPIs were introduced, namely Smart Selangor GigaBit network (SeGnet) and Smart Selangor Cashless Society. SeGnet aims to improve connectivity and support more efficient government services. The Smart Selangor Cashless Society PPI, which is now completed, aimed to increase utilisation of cashless transactions, in line with the Smart Economy objectives to promote a state-wide cashless digital economy, as well as to spur digitalisation amongst merchants to grow online presence and business.

Future focus areas for the Digital Economy include Artificial Intelligence (AI), in line with the NIMP 2030. The State announced plans to establish a Selangor Centre for AI to prepare talents in Selangor to seize the extensive opportunities in the industry. In addition, the State announced an RM6 million allocation for the IoT-Enabled Industrial Park (IEIP) to advance telecommunication infrastructure in key industrial areas. This initiative will complement an existing industrial connectivity initiative, JALIN.





**Table 4.5: Completed and ongoing PPIs under Digital Economy focus sector**  
Completed

Selangor e-Commerce Onboarding Programme	<ul style="list-style-type: none"> <li>Conducted in 2021 and 2022, this PPI facilitated the onboarding of 200 entrepreneurs onto the marketplace platforms in creating accounts and supporting 200 entrepreneurs in the establishment of webstores</li> <li>To propel business expansion, the PPI activities included providing entrepreneurs with a comprehensive e-commerce website inclusive of domain names, hosting, payment gateways, shopping carts, servers, and other e-commerce solutions</li> </ul>
Selangor e-Bazaar Campaign	<ul style="list-style-type: none"> <li>Completed in 2021, this PPI was a result of collaboration between the Selangor State Government and the e-commerce platforms Shopee and Lazada, in response to the COVID-19 pandemic</li> <li>The activities under this PPI aimed to assist affected traders in continuing their sales through online channels, and recorded 44,000 new registrations on participating platforms and RM100 million direct sales from the vouchers</li> </ul>
Selangor SME Digitalisation Matching Grant	<ul style="list-style-type: none"> <li>This PPI provided a 50% matching grant or up to RM5,000 to support digitalisation efforts of SMEs, particularly during the post-COVID recovery period</li> <li>Completed in 2021, 1,047 MSMEs received the matching grant and were supported by a panel of 150 suppliers offering digitalisation technology services</li> </ul>
Amazon Web Services Smart Selangor Cloud Accelerator Learning Programme (SCALE)	<ul style="list-style-type: none"> <li>Implemented to support the enhancement skills in the field of cloud computing to support digital-based economic activities by SMEs and startups</li> <li>In 2021, 42 SMEs participated in 108 training sessions, benefiting from exposure to AWS cloud computing and utilising cloud computing to support their business operation</li> </ul>
Smart Selangor SME Platform	<ul style="list-style-type: none"> <li>The data collected through the SME Platform will aid the State Government in monitoring SME growth and identifying their needs for planning targeted and effective assistance.</li> <li>As of 2021, 30,113 SMES have been registered on the platform and 113 SMEs have undergone training on digitalisation of their businesses</li> </ul>
Smart Selangor Cashless Society	<ul style="list-style-type: none"> <li>Completed in 2021, 4,000 traders were registered and 420 MSMEs participated in the <i>e-Souq</i> online bazaar, which was registered on the <i>Maybank Sama-Sama Lokal</i> platform.</li> </ul>

### Ongoing

Selangor e-Commerce Education	<ul style="list-style-type: none"> <li>Training on e-commerce education for companies, started in August 2023 and on track to achieve targets</li> <li>The PPI recorded participation by 30 companies, with 15 intensive trainings conducted</li> <li><b>The 2024 programme will start in June</b></li> </ul>
Selangor International Business Summit (SIBS)	<ul style="list-style-type: none"> <li>The 2023 summit generated RM6.12 billion potential transactions and attracted more than 57,000 visitors</li> <li><b>Ongoing planning for the 2024 summit is focused on attracting domestic and international investments into key industries in Selangor. The aim is to target industries with high value and impact, while positioning Selangor as the gateway to ASEAN. This strategic approach is intended to stimulate high-value and impactful investments in the region</b></li> </ul>
Wifi Smart Selangor	<ul style="list-style-type: none"> <li>1,693 Wifi access points provided as of 2023, including community centres, education and religious centres, low-cost housing areas, amongst others</li> </ul>
Selangor Advance	<ul style="list-style-type: none"> <li>Met targets in terms of rate of fund utilisation, to support SMEs through financing (e.g., invoice factoring)</li> <li><b>Ongoing efforts to increase financing assistance to SMEs</b></li> </ul>
Rangkaian Sistem Perbadanan Perpustakaan Awam Selangor (PPAS)	<ul style="list-style-type: none"> <li>As of 2023, a total of 15 new internet access points was completed, with an average annual utilisation rate of nearly 6,000 users per access point</li> <li><b>Ongoing efforts to increase number of access points through PPAS network</b></li> </ul>
Smart Selangor Centres of Excellence (CoE)	<ul style="list-style-type: none"> <li>The utilisation rate of the Wisma BSN CoE is 100% as of 2023</li> <li><b>Ongoing efforts include collaboration agreements on management of CoE</b></li> </ul>
Establishment of Cybersecurity Unit	<ul style="list-style-type: none"> <li><b>In the process of establishing and obtaining MMKN approval</b></li> </ul>
Platform Selangor - PLATS	<ul style="list-style-type: none"> <li>Around 27,000 businesses are registered on PLATS</li> <li><b>Ongoing efforts to register more local authorities and to continue training sessions on utilising PLATS</b></li> </ul>
Selangor Digital School	<ul style="list-style-type: none"> <li><b>Ongoing efforts to register qualified students and to finalise curriculum design (e.g., AI Digital Marketing, AI Prompt Engineering)</b></li> </ul>

## Ongoing

5G Network Facilitation in Selangor	<ul style="list-style-type: none"> <li>Ongoing efforts to build the pilot 5G transmission tower and to identify future locations of transmission towers, based on demand</li> </ul>
Selangor Innovation Fund	<ul style="list-style-type: none"> <li>Deal sourcing is progressing</li> </ul>
Jalur Lebar Industri Selangor (JALIN)	<ul style="list-style-type: none"> <li>Ongoing efforts to identify greenfield and brownfield industrial zones; as well as finalising agreements with developers, vendors and operators</li> </ul>
Malaysia Top e-Commerce Merchant Awards	<ul style="list-style-type: none"> <li>The number of shortlisted participants doubled from 181 companies in 2021 to 360 companies in 2023, while sales and orders increased from RM47 million to RM77.6 million within the same period</li> <li>The awards will be held annually, to increase recognition and elevate brand visibility for e-commerce merchants, while catalysing the e-commerce industry through promotional campaigns curated for shortlisted merchants</li> </ul>
Jelajah Usahawan Digital Selangor	<ul style="list-style-type: none"> <li>In 2021 and 2022, the outreach efforts included a total of 8 locations and 1,700 participants</li> <li>Planning for 2024 is ongoing, to support digitalisation and e-commerce efforts particularly in rural areas</li> </ul>
Selangor Accelerator Programme & Pitch@Selangor	<ul style="list-style-type: none"> <li>Between 2021 and 2023, a total of 120 companies underwent training. Among these companies, 34% to 41% companies successfully obtained investments, such as through equity crowdfunding</li> <li>The PPI will continue in 2024 to support companies through training and mentorships</li> </ul>

**Table 4.6: New PPI under Digital Economy focus sector**

## New

Smart Selangor GigaBit network (SeGnet)	<ul style="list-style-type: none"> <li>Ongoing efforts to increase the number of operational nodes in the gigabit network, to support more efficient government services</li> </ul>
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● Key achievement (2021-2023)    
 ● Implementation in progress (As of 2023)    
 ● Planned implementation (2024 onwards)    
 \*A Game Changer PPI





## FOCUS SECTOR 4: AEROSPACE

The Aerospace sector PPIs aims to support Selangor as the preferred choice of investment for the aerospace industry in Asia Pacific. The sector is also recognised as one of five priority sectors in the NIMP 2030. To achieve the national aspiration, Selangor's role is indispensable as the State houses over 67% of Malaysia's overall aerospace ecosystem, according to Invest Selangor Berhad. Some of the PPIs to improve competitiveness and increase activity in the sector include manufacturing and testing facilities, education and training-related initiatives as well as other promotional activities.

A key sub-sector focus is the drone industry, which encompasses two projects: Selangor Drone Centre of Excellence (SDCOE) and the initiative to position Selangor as the First Drone Port and Airwaze Friendly State in Malaysia. The SDCOE in Bestari Jaya will feature a dedicated area for comprehensive drone testing on land, water and air.

To enable the industry's growth, talent development is fundamental and this is facilitated through the Selangor Skills Framework Platform (SSFP). The SSFP has successfully achieved its initial targets in developing the skills framework and career pathway within the Aerospace sector. Going forward, the SSFP will expand beyond the Aerospace sector and serve as a reference point for key players, enabling training providers to better understand skills requirements.

Promotional activity for the sector includes the annual Selangor Aviation Show, which experienced significant growth since its inception in 2021 (almost 5,000 visitors) and 2022 (around 11,000 visitors). The show attracted more than 19,000 domestic and international visitors in 2023.

Additionally, Selangor Aero Park, the first green-concept aerospace industrial park, has been repositioned as a key project under the Geographical Development: IDRIS.

**Table 4.7: Ongoing PPIs under Aerospace focus sector**

### Ongoing

Selangor Aviation Show	<ul style="list-style-type: none"> <li>Over 19,000 visitors in 2023, up from around 5,000 in 2021</li> <li>Potential transactions of RM823 million reported in 2023 (2021: RM100 million)</li> </ul>
Selangor Skills Framework Platform	<ul style="list-style-type: none"> <li>Completed the Platform in 2022 and mapped the career pathways for aerospace industry in 2023</li> <li>Ongoing expansion and enhancement of platform to include other key sectors, supported by collaborations with HRD Corp and integration with existing skills frameworks (e.g., Malaysian Qualification Framework, MQF)</li> </ul>
Selangor Drone Centre of Excellence (SDCOE)	<ul style="list-style-type: none"> <li>UNISEL has agreed and appointed SELATI as a collaborative partner for drone development in Selangor and Malaysia</li> <li>The collaboration program with the CAAM drone players has agreed on the implementation of SDCOE at UNISEL</li> </ul>
Bernam River Airfield	<ul style="list-style-type: none"> <li>In the process of agreement with the operator Melljets &amp; Helicopters Sdn Bhd (letter of agreement on October 2023, vacant possession on November 2023)</li> </ul>
Positioning Selangor as the First Drone Port, Drone Manufacturing Hub and Airwaze Friendly State in Malaysia	<ul style="list-style-type: none"> <li>The project is still in the discussion phase</li> </ul>
Apprenticeship 4.0: World-class Engineering Workforce And Aerospace Training	<ul style="list-style-type: none"> <li>47 apprentices are undergoing training under the Selangor Aerospace Apprenticeship Programme by GE Engine Services Malaysia Sdn.Bhd.</li> </ul>

● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI



## FOCUS SECTOR 5: AUTOMOTIVE

Selangor is a key hub for the automotive industry in Malaysia, hosting more than half of the country's automotive suppliers. In alignment with the NIMP 2030, the future trajectory of the automotive industry emphasises the integration of the mobility and E&E sectors, as well as expanding energy efficient vehicle (EEV) technology and infrastructure to foster a high-value,

green mobility industry. The PPIs within this focus sector are interconnected with other focus sectors and strategic themes. For example, initiatives under the Selangor Government Incentives, IKTISASS and the expansion of EV infrastructure contribute to the automotive industry from socio-economic and green growth perspectives.

**Table 4.8: Ongoing PPIs under Automotive focus sector**

### Ongoing

<p>Selangor Mobility Programme (formerly Adoption of the national Low Carbon Mobility Blueprint for Statewide implementation)* <i>(refer to Chapter 6 Low Carbon State)</i></p>	<ul style="list-style-type: none"> <li>194 EV charging stations have been installed by the State Government throughout Selangor</li> <li>Selangor will install 1,000 EV charging stations by 2025 and 4,000 stations by 2030</li> </ul>
<p>Improving energy efficiency of government transport fleets <i>(refer to Chapter 6 Cross-cutting PPI)</i></p>	<ul style="list-style-type: none"> <li>The State has successfully replaced 10% of its transport fleets with either energy efficient vehicles (EEV), EV, hybrid electric vehicles (HEV) or plug-in hybrid electric vehicles (PHEV) as per the 2024 Selangor Budget</li> <li>The State achieved 10% of its target of installing one EV charging station at each of the local authorities and the district and land offices</li> <li>Moving forward, government transport fleets that are phased out will be replaced by EVs</li> </ul>
<p>Malaysian Smart Factory 4.0 - Expansion for Centre of Emerging Technologies (MSF4.0 - CET)* <i>(refer to Chapter 4 E&amp;E and M&amp;E)</i></p>	<ul style="list-style-type: none"> <li>Achieved 2023 targets in terms of the number of Proof of Value (POV) project implemented (ten projects), number of Open Source Technology projects (five projects) and number of trained and certified Technologists in the field of Smart Factory and Emerging Technologies in 2023 (264 students)</li> <li>Focus for 2024 and 2025 is to increase the number of POV, Open Source Technology Projects and certified technologists</li> </ul>
<p>IKTISASS - Pembangunan Kurikulum TVET Industri* <i>(refer to Chapter 4 E&amp;E and M&amp;E)</i></p>	<ul style="list-style-type: none"> <li>Achieved 2023 targets in terms of number of TVET courses that were upgraded (three courses), number of students enrolled (300 students) and the share of students employed within six months of course completion (70%)</li> <li>Focus for 2024 and 2025 is to increase the number of upgraded courses and student enrolments</li> </ul>
<p>IKTISASS - Penawaran Persijilan Profesional yang Diiktiraf oleh Industri* <i>(refer to Chapter 4 E&amp;E and M&amp;E)</i></p>	<ul style="list-style-type: none"> <li>Broadly achieved the targets in terms of number of Memorandum of Agreements (MoA) signed with companies for module development (one agreement) and number of students obtaining certificates in fields of advanced manufacturing, application development, creative content and 3D simulation (444 students)</li> <li>To continue efforts on MoAs and students certified in 2024 and 2025</li> </ul>
<p>Selangor International Business Summit (SIBS)* <i>(refer to Chapter 4 Digital Economy)</i></p>	<ul style="list-style-type: none"> <li>The 2023 summit generated RM6.12 billion potential transactions and attracted more than 57,000 visitors</li> <li>Ongoing planning for the 2024 summit is focused on attracting domestic and international investments into key industries in Selangor. The aim is to target industries with high value and impact, while positioning Selangor as the gateway to ASEAN. This strategic approach is intended to stimulate high-value and impactful investments in the region</li> </ul>
<p>Selangor Government Incentives (SGI)* <i>(refer to Chapter 4 E&amp;E and M&amp;E)</i></p>	<ul style="list-style-type: none"> <li>State approval obtained in 2022</li> <li>Dissemination process of the official circular is ongoing</li> <li>To support developments under IDRIS and other Managed Industrial Parks (MIP) in Selangor</li> </ul>

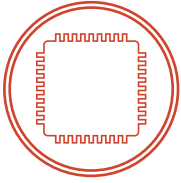
● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI





## FOCUS SECTOR 6: E&E AND M&E

The E&E and M&E sector PPIs in Selangor aims to attract domestic and foreign investments, particularly in the high value-added segment of the value chain activities. Broadly, the PPIs are closely aligned with the NIMP 2030, with a focus on mission-based projects like the transformation of smart factories and generative AI.

Several key PPIs are dedicated to enhancing human capital supply in Selangor, which in turn supports investment. These initiatives encompass both Technical and Vocational Education and Training (TVET) as well as professional education. For instance, the Malaysian Smart Factory 4.0 - Expansion for Centre of Emerging Technologies has successfully trained and certified 264 technologists in the field of AI dan Smart Factory.

Under the IKTISASS programme, efforts are being made to upgrade the TVET curriculum in consultation with industry players. Additionally, modules for professional certification are being developed in areas such as advanced manufacturing, application development, creative content, and three-dimensional (3D) simulations. Notably, around 70% of students who completed TVET training at the Selangor Technical Skills Development Centre (STDC) secure employment within six months of course completion. Finally, to align with the NETR, the Solar PV Centre of Excellence PPI has been renamed as the Centre of Excellence for Sustainable Energy. This centre offers courses that go beyond solar energy.



**Table 4.9: Ongoing PPIs under E&E and M&E focus sector****Ongoing**

Selangor Government Incentives (SGI)	<ul style="list-style-type: none"> <li>State approval obtained in 2022</li> <li>Dissemination process of the official circular is ongoing</li> <li>To support developments under IDRIS and other Managed Industrial Parks (MIP) in Selangor</li> </ul>
Centre of Excellence for Sustainable Energy (formerly Solar PV Centre of Excellence)	<ul style="list-style-type: none"> <li>Renovations completed and some courses commenced, mainly in the design and planning phase</li> <li>Ongoing efforts to install facilities required for Off-Grid Photovoltaic (OGPV) Systems training, EV chargers training, Battery Energy Storage System (BESS) training, Energy Management &amp; Energy Efficiency (EM &amp; EE) training, drone monitoring training, working at height and safety training, green hydrogen training.</li> </ul>
Malaysian Smart Factory 4.0 - Expansion for Centre of Emerging Technologies (MSF4.0 - CET)	<ul style="list-style-type: none"> <li>Achieved 2023 targets in terms of the number of Proof of Value (POV) project implemented (ten projects), number of Open Source Technology projects (five projects) and number of trained and certified Technologists in the field of Smart Factory and Emerging Technologies in 2023 (264 students)</li> <li>Focus for 2024 and 2025 is to increase the number of POV, Open Source Technology Projects and certified technologists</li> </ul>
IKTISASS - Pembangunan Kurikulum TVET Industri	<ul style="list-style-type: none"> <li>Achieved 2023 targets in terms of number of TVET courses that were upgraded (three courses), number of students enrolled (300 students) and the share of students employed within six months of course completion (70%)</li> <li>Focus for 2024 and 2025 is to increase the number of upgraded courses and student enrolments</li> </ul>
IKTISASS - Penawaran Persijilan Profesional yang Diiktiraf oleh Industri	<ul style="list-style-type: none"> <li>Broadly achieved the targets in terms of number of Memorandum of Agreements (MoA) signed with companies for module development (one agreement) and number of students obtaining certificates in fields of advanced manufacturing, application development, creative content and 3D simulation (444 students)</li> <li>To continue efforts on MoAs and students certified in 2024 and 2025</li> </ul>

**Table 4.10: New PPI under E&E and M&E focus sector****New**

Malaysia Semiconductor Accelerator and Integrated Circuit (IC) Design Park: Selangor Hub	<ul style="list-style-type: none"> <li>At the final planning stages - soft landing centre and company onboarding to start in 2024</li> </ul>
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● Key achievement (2021-2023)
 ● Implementation in progress (As of 2023)
 ● Planned implementation (2024 onwards)
 \*A Game Changer PPI

**SPOTLIGHT: SELANGOR GOVERNMENT INCENTIVES (SGI)**

In November 2021, Selangor released guidelines for the Managed Industrial Park (MIP), a standard-setting document that charts the way for high technology industrial parks with green features certification and Environmental, Social, Governance (ESG) adoption. Amongst the features for MIPs are to include Smart City and low carbon elements, plus mandatory Electric Vehicle (EV) charging stations.

To support economic activities and investments within the MIP Conceptual Industrial Park that will be developed, State Government Incentives (SGI) have been approved. The incentives offered include a Special Premium Scheme, Installment for Development Charges Payment with Zero Interest, Exemption on Development of Low Cost Factory, Quota of Foreign Ownership, Long-Term Leases, Quit Rent, and Assessment Fee. The SGI also encompass commitments to investors for expediting the approval process, assessment fee incentives, and exemption on business license fees.



Source: Project owner data reported during the MTR, PLANMalaysia website, The Edge Property



## FOCUS SECTOR 7: HALAL

The Halal sector PPIs have the objective of positioning Selangor as a global Halal hub to meet the increasing demand for Halal product worldwide. The PPIs focus on developing the Halal industry in Selangor and are expected to facilitate growth in the sector through digital innovation, capacity building programmes, promotional efforts and halal supply chain solutions. A key component of the digitalisation initiatives is a one-stop centre, Halal Central Information Platform (CIP). Halal Central Information Platform (CIP) integrates several applications onto one platform for ease of business. The platform comprises an online application for self-assessment on Halal Certificate Readiness Assessment (CRA), e-Learning Halal (ELH), Halal Integrated Trade and Trace System (HITS), International Muslim Friendly Affiliated Network (IMFAN) and database of Micro Small and Medium Enterprises (MSME).

The Selangor Halal Supply Chain Solutions initiative is dedicated to facilitate a seamless connectivity across the entire halal supply chain, thereby upholding the integrity of halal practices within the halal ecosystem. This comprehensive endeavor encompasses the incubator facilities, procurement of raw materials, manufacturing processes, product processing, production, halal services and timely delivery. By establishing the resilient halal supply chain ecosystem, stakeholders within the industry stand to capitalise on market expansion opportunities for both domestic and international. In concurrent, this initiative persist in forging strategic alliances with logistics and warehousing service providers, further fortifying the initiative's commitment to ensure the integrity and efficiency of the halal supply chain.

**Table 4.11: Ongoing PPIs under Halal focus sector**

### Ongoing

Selangor Halal Capacity Development	<ul style="list-style-type: none"> <li>Nearly 3000 individuals trained on Sijil Pengesahan Halal Malaysia (SPHM) between 2021 and 2023</li> <li>Provide training and advisory support for more than 300 companies including SMEs, on obtaining SPHM</li> </ul>
Halal Selangor Promotion	<ul style="list-style-type: none"> <li>Various promotional efforts conducted in 2023, including Selangor International Halal Convention (SELHAC), which achieved a total of potential business matching value of RM55 million</li> </ul>
Selangor Halal Supply Chain Solutions (formerly Selangor Halal Economic Zone)	<ul style="list-style-type: none"> <li>Authorised HIS Operator (AHO) launched 13 June 2023</li> <li>Ongoing efforts to establish partnerships in logistics and warehousing</li> </ul>
Central Information Platform (CIP)	<ul style="list-style-type: none"> <li>Ongoing efforts to integrate several key portals related to various aspects of the industry (e.g., halal certification, e-commerce, ingredients database, and e-learning) into one CIP</li> </ul>

**Table 4.12: New PPI under Halal focus sector**

### New

Certificate Readiness Assessment (CRA)	<ul style="list-style-type: none"> <li>Early stages of system development of the self-assessment system for halal certification</li> <li>To be integrated into CIP by 2025</li> </ul>
--	---

● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI





## FOCUS SECTOR 8: LIFE SCIENCES

The Life Sciences focus sector PPIs aim for Selangor to become a regional life sciences cluster in areas of pharmaceutical, medical devices, biotechnology and cosmetics, toiletries, and personal care. The PPIs range from accelerator or industry partnership programmes, to networking and promotion initiatives. Several initiatives in the sector are based on the Selangor Biotechnology Action Plan (SBAP) 2021-2030.

To support the initial phases of feasibility exploration and investment in Life Sciences, initiatives include an information portal and a soft landing centre. The Online Biotech Networking and Promotion Portal is on track for operations by 2024. Given the complex and interdisciplinary nature of biotechnology and life sciences, this portal will act as the primary reference hub accessible not only to biotechnology and life sciences-related companies in Selangor but also to

potential investors, collaborators, government entities, and the general public. In addition to providing information about biotechnology and life sciences development in Selangor, this portal will also feature a database and directory of experts and industry contacts to facilitate collaboration and help investors find potential partners.

The 'Soft Landing Centre' serves as an interim workspace for potential local and international investors and entrepreneurs interested in exploring opportunities and establishing businesses in Selangor. Prospective investors and entrepreneurs can access the facilities at this centre at reasonable rental rates, making it easier for them to secure workspace while conducting research in Selangor.

**Table 4.13: Completed and ongoing PPIs Life Sciences focus sector**

### Completed

S-BIOCO establishment	<ul style="list-style-type: none"> <li>Established S-BIOCO in 2022</li> </ul>
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### Ongoing

SELBIO Accelerate	<ul style="list-style-type: none"> <li>A total of 19 companies were selected for the bio-based programme in 2023</li> <li>Annual programme to continue in 2024 and 2025</li> </ul>
Soft Landing Centre	<ul style="list-style-type: none"> <li>Obtained approval at the MMKN</li> <li>Concept &amp; framework has been approved by BOD</li> <li>Planned start of operations (rental of space and facilities to investors) in 2024</li> </ul>
Lab partnership programmes with Institute of Higher Learning (IHLs) and Research Institute (RIs)	<ul style="list-style-type: none"> <li>Concept &amp; framework has been approved by BOD</li> <li>Obtained approval at the MMKN</li> <li>Several collaborations with IHLs have commenced</li> <li>Ongoing engagements with more IHL and RIs</li> </ul>
Online Biotech Networking and Promotion Portal	<ul style="list-style-type: none"> <li>Ongoing benchmarking exercise and proposal preparation for portal framework</li> <li>The portal launch is planned for 2024</li> </ul>

**Table 4.14: New PPI under Life Sciences focus sector**

### New

Implementation of Selangor Biotechnology Action Plan (SBAP) Initiatives (2021-2030)	<ul style="list-style-type: none"> <li>Achieved the SBAP target</li> <li>Eight action plans are being implemented with strategic cooperation from various stakeholders</li> </ul>
---	---

● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI



## FOCUS SECTOR 9: AGRITECHNOLOGY

The Agri Tech sector PPIs aim to propel Selangor as a leading producer of high-value agricultural products by promoting and enabling the use of Fourth Industrial Revolution (IR4.0) technology in agricultural operations. The sector also focuses on leveraging the latest seed and breeding technology to enhance the production and yield of key crops and livestock, with a particular emphasis on ensuring food security. These initiatives are supported by modernisation efforts, including improving seed quality for agriculture production, enhancing livestock breeds, and reducing environmental impact through the use of organic materials to minimise water pollution.

The range of PPIs in the Agri Tech sector includes policy documents to support modern and environmental-friendly production processes, programmes to enhance seed and breeding technology, and various technology accelerator programmes. A new PPI that has the potential to be considered in the Selangor Plan is related to food security which has been identified as a priority for the State Government when the State budget was presented in November 2023. Overall, the allocation announced in the State budget for food security is at a relatively large value of RM40 million.

**Table 4.15: Ongoing PPIs under Agritechology focus sector**

### Ongoing

Selangor Agriculture Modernisation and High Value Agriculture - Policy	<ul style="list-style-type: none"> <li>Ongoing efforts to obtain approvals for updated and modernised policies for aquaculture and chicken production</li> </ul>
Selangor Agriculture Modernisation and High Value Agriculture - Programmes	<ul style="list-style-type: none"> <li>Programmes are at early stages, for example Proof of Concept (POC) and feasibility studies, primarily related to improving food production through improved seed and breeding technology; as well as modern production technology</li> </ul>
Selangor Agri-Tech Accelerator Programme	<ul style="list-style-type: none"> <li>Eight programmes under this PPI are in progress, primarily related to food production technology</li> </ul>
Selangor Smart Agro Park & Selangor Smart Agro Farm	<ul style="list-style-type: none"> <li>Planting and production in progress, primarily related food production</li> </ul>

● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI





## GEOGRAPHICAL DEVELOPMENT 1: SABAK BERNAM DEVELOPMENT AREA (SABDA)

The SABDA development is the largest geographical development in RS-1 both by size and by number of PPIs (18 PPIs). The main economic activities in this area revolved around agriculture and ecotourism, with a focus on supporting food security in the State and strategically optimising existing tourist attractions through facilities improvement and promotional efforts. The PPIs under SABDA are expected to attract new investment for downstream agriculture activities and the development of infrastructure and public facilities.

Infrastructure projects aimed at enhancing connectivity include the West Coast Expressway, *Jambatan Sg Air Tawar – Hutan Melintang* and Rest and Refresh (R&R) *Air Manis @ Kompleks Agropolitan Sabak Bernam*. Parts of the expressway connected to SABDA are completed, which will strengthen connectivity from SABDA to the

south of Selangor (Banting) and north to Taiping, Perak. The *R&R Air Manis @ Kompleks Agropolitan Sabak Bernam* will be situated next to the agropolitan complex, promoting SABDA as an agriculture-driven region. The recent State budget also announced the *Jajaran Rel Kita Selangor*, a planned alignment of the railway line connecting Klang to Kuala Selangor, Tanjong Karang, and Sabak Bernam. Feasibility and planning studies for this railway alignment is expected to commence in 2024. These improved connectivity initiatives will support the future development of SABDA.

As most of the connectivity-related PPIs under SABDA are long-term and large-scale developments, they are currently in the early stages of approvals, including environmental, land, and planning considerations, as well as design phases.



### SPOTLIGHT: SABDA AND FOOD SECURITY

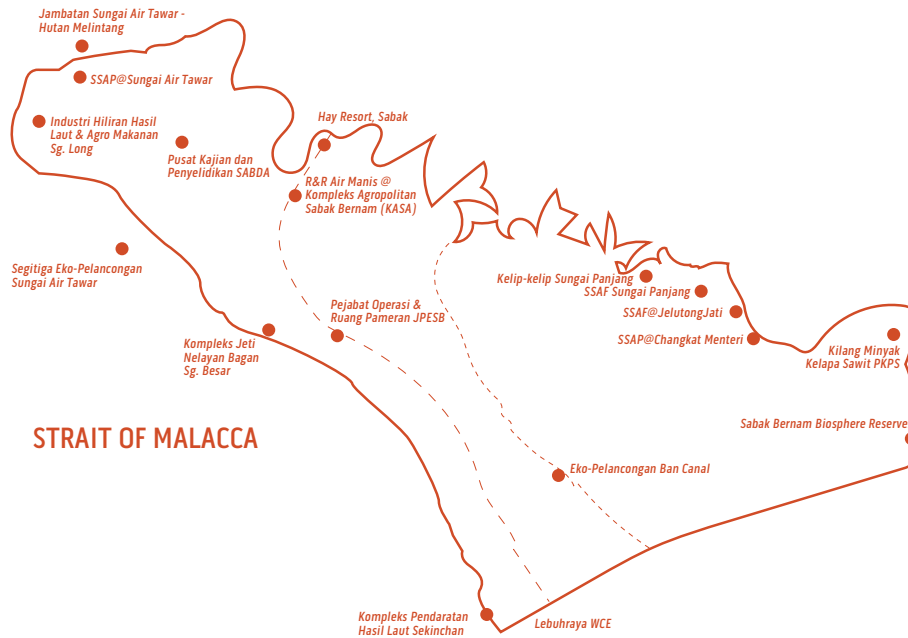
The new PPIs in SABDA aligns with the State's priority on food security, as announced in the 2024 Selangor Budget speech. The Selangor Smart Agro Parks and Selangor Smart Agro Farms are dedicated to high-technology agriculture development in locations such as Changkat Menteri, Jelutong Jati, Sungai Air Tawar and Sungai Air Panjang. These projects are currently at planning stages, with production of some key crops expected to start in 2024 or 2025. The key crops in the area are primarily fruits and vegetables, such as Yankee pineapples, MD2 pineapples, sweet corn, lemongrass and leafy vegetables. By cultivating these crops, Selangor aims to enhance self-sufficiency of the State and reduce dependency on imports.



Supporting these upstream developments are several downstream projects that contribute to a modernised, end-to-end supply chain in food production. The *Industri Hiliran Hasil Laut* and *Agro Makanan Sg Lang* project includes sustainable fish farms, a modern fish products processing plant, fertiliser and pet food processing, cold storage facilities, filleting machines and modern port facilities with European Union (EU) certifications. Highlights include the first tuna and deep-sea fish processing and packaging plant in Malaysia, and a land-based fish & crab farm that will create between 2,500 and 5,000 job opportunities. The project is at the design and planning phase, involving collaboration agreements with the operator and land gazette for aquaculture. Similarly, the *Kompleks Pendaratan Hasil Laut Sekinchan* project, also at the design and planning phase, encompasses seafood restaurants, fish and seafood markets, fish auction halls, cleaning and distribution areas, fishing docks, packaging warehouses, cold storage rooms, boat construction and repair workshops, and fishermen's boat parking areas. The port will be equipped with a comprehensive traceability system that tracks the origin, processing and distribution of every fish product in the facility.

In the recent State budget, RM40 million was allocated for food security initiatives, especially the supply of rice, fish and meat in anticipation of disruptions caused by climate change or geopolitical crises. These upcoming initiatives will likely benefit SABDA, as the region is well-suited to support food production and contribute to the State's food security goal.

Source: Information reported during the MTR



**Table 4.16: Completed and ongoing PPIs under SABDA geographical development**

**Completed**

Lebuhraya WCE* - Gerbang ke Wilayah Pembangunan SABDA	<ul style="list-style-type: none"> <li>Federal Road FR5 that connects SABDA to WCE was completed</li> </ul>
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**Ongoing**

Industri Hiliran Hasil Laut & Agro Makanan Sg Lang*	<ul style="list-style-type: none"> <li>Memorandum of Agreement (MoA) with key operator signed in 2023</li> <li>Land approvals in progress</li> </ul>
Pejabat Operasi & Ruang Pameran Jawatankuasa Pembangunan Ekonomi Sabak Bernam*	<ul style="list-style-type: none"> <li>Renovation of operations office and exhibition area completed in 2023</li> <li>Finalising exhibition items for display and database readiness for investors and local community</li> </ul>
Segitiga Eko-Pelancongan Sg Air Tawar*	<ul style="list-style-type: none"> <li>Renovation works in Kelong Paradise completed in 2022</li> <li>Ongoing efforts to finalise plans and secure investors, to increase ecotourism activities and tourist arrivals</li> </ul>
Kelip-Kelip Sg Panjang*	<ul style="list-style-type: none"> <li>Operations started in 2020</li> <li>Ongoing efforts to improve the facilities and promotion work, to increase tourist arrivals</li> </ul>
Eko-Pelancongan Ban Canal*	<ul style="list-style-type: none"> <li>The <i>Karnival Ban Canal</i> 2023 attracted 13,889 visitors</li> <li>Ongoing efforts to prepare a development plan for ban canal surrounding area, to better promote ecotourism around the river and forest reserve; and to attract investments</li> </ul>
R&R Air Manis @ Kompleks Agropolitan Sabak Bernam*	<ul style="list-style-type: none"> <li>Finalising design, and obtaining various land and planning approvals</li> </ul>
Kompleks Pendaratan Hasil Laut Sekinchan*	<ul style="list-style-type: none"> <li>Project is in its early stages of obtaining approvals for land transfer</li> </ul>
Jambatan Sg Air Tawar – Hutan Melintang*	<ul style="list-style-type: none"> <li>Project is in its early stages of obtaining environmental approvals and preparing design plan</li> </ul>
Kompleks Jeti Nelayan Bagan Sg Besar*	<ul style="list-style-type: none"> <li>Project is in its early stages of obtaining State approval</li> </ul>
Pelan Fiberisasi Sabak Bernam (TM)*	<ul style="list-style-type: none"> <li>Project is in its early stages of preparing fiberisation plan</li> </ul>
Pembangunan Semula Hay Resort*	<ul style="list-style-type: none"> <li>Project is in its early stages of planning</li> </ul>


**Table 4.17: New PPIs under SABDA geographical development**
**New**

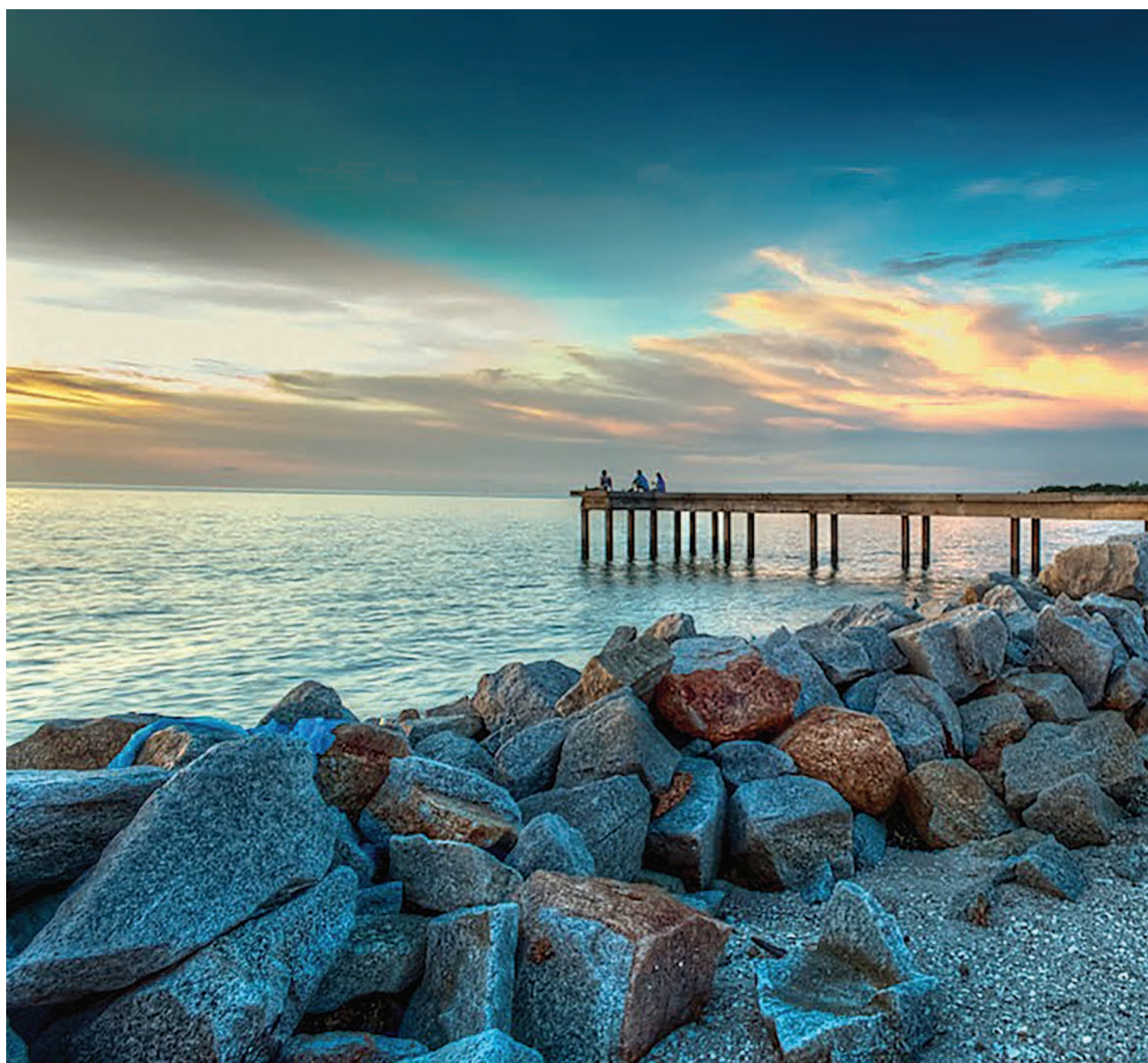
SSAF @Jelutong Jati*	<ul style="list-style-type: none"> <li>Operator selection completed in 2023</li> <li>Feasibility testing is ongoing (cattle or buffalo rearing)</li> <li>Operator to start field work in 2024</li> </ul>
SSAP @Sungai Air Tawar*	<ul style="list-style-type: none"> <li>Site preparations are ongoing</li> <li>First harvest expected in Quarter 1 2024</li> </ul>
SSAF @Sungai Panjang* [formerly SSAP @Sungai Panjang]	<ul style="list-style-type: none"> <li>Project is in its early stages where the operator will start site preparations in Quarter 3 2024</li> </ul>
SSAP @Changkat Menteri*	<ul style="list-style-type: none"> <li>Project is in its early stages. The environmental-related approvals and feasibility study for cultivable crops expected in Quarter 2 2024</li> </ul>
Sabak Bernam Biosphere Reserve*	<ul style="list-style-type: none"> <li>Preparation of proposal for restoration works in progress</li> </ul>
Pusat Kajian dan Penyelidikan SABDA*	<ul style="list-style-type: none"> <li>Project is at the design and planning stage</li> </ul>

● Key achievement  
(2021-2023)

● Implementation in progress  
(As of 2023)

● Planned implementation  
(2024 onwards)

\*A Game Changer PPI



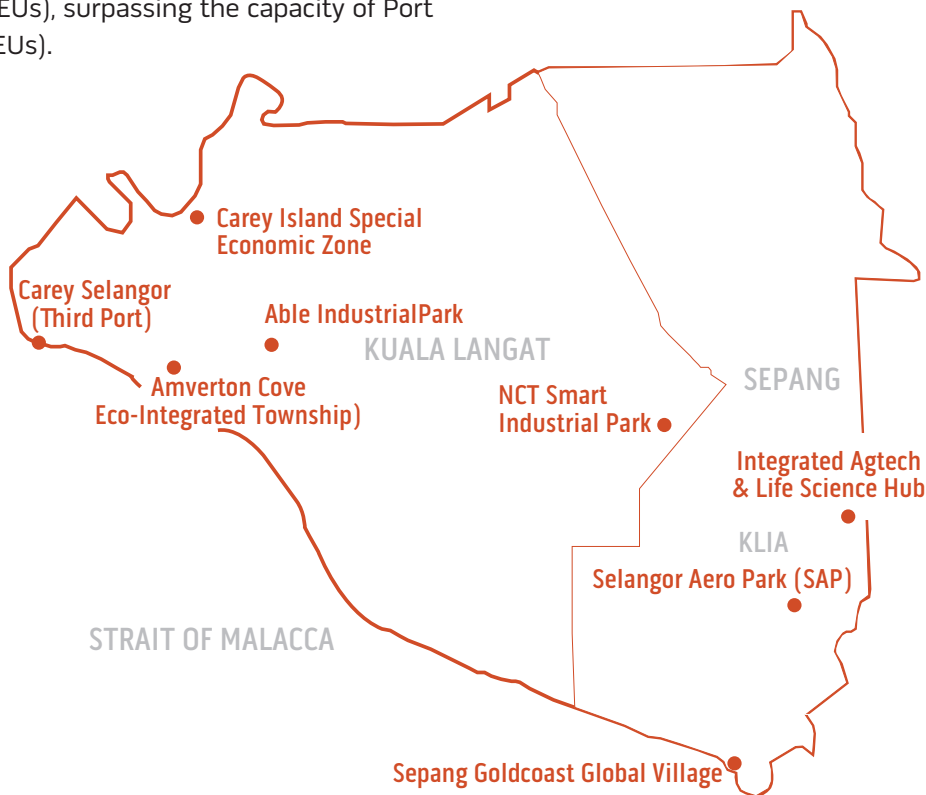


## GEOGRAPHICAL DEVELOPMENT 2: INTEGRATED DEVELOPMENT REGION IN SOUTH SELANGOR (IDRISS)

The IDRISS development focuses on promoting the State as an investment and trade hub in the region, driven primarily by high value-add industrial activity. The key objectives of this development include attracting high-impact and high-value investment and development activities in the Sepang and Kuala Langat districts, realising development proposals, ensuring that the development process is implemented sustainably and ensuring the welfare of residents and the surrounding area are protected.

Among the major projects in IDRISS are Carey Selangor (Third Port) and Carey Island Special Economic Zone. These projects are currently in the concept and initiation phase as they require necessary approvals. Given the scale and duration of a 35-year development project, this is in-line with the expectations. Once completed, these landmark projects will cover 6,000 hectares, with a projected port capacity of 35 million twenty-foot equivalent units (TEUs), surpassing the capacity of Port Klang (20 million TEUs).

Other significant projects within IDRISS include Managed Industrial Parks (NCT Smart Industrial Park) as well as extensive mixed developments (Sepang Goldcoast Global Village and Amverton Cove Eco-Integrated Townships). The Sepang Goldcoast Global Village is an integrated coastal township spanning 800 acres, positioned as a world-class coastal tourism destination. Land reclamation works will commence in 2025. The IDRISS development also benefits from national and State incentives under the PPI known as Selangor Government Incentives (SGI), which were approved in 2022 and reported under the E&E and M&E sector. Similar to the developments in SABDA, most PPIs under IDRISS are at the early stages of approvals, including environmental, land, planning and design.





## SPOTLIGHT: NCT SMART INDUSTRIAL PARK

The NCT Smart Industrial Park will be the first MIP in Selangor, driven by ESG principles and offering 5G connectivity. The RM8 billion industrial park will be developed across three phases in ten years and is expected to create 50,000 jobs during construction, in addition to jobs created once completed.

NCT Smart Industrial Park is also a GreenRE certified development and will be equipped with solar-ready factories, rainwater harvesting systems, as well as water and waste management systems to reduce industrial and carbon footprint. To facilitate business operations, the Smart Global Centre will include a one-stop centre for business solutions such as the Investment Solution Centre, IOC Command Centre, Data Centre, 4IR Upskilling Centre, Business Accelerator Centre and Wellness Centre.

The project will commence physical works in 2024 and is on track to deliver vacant possession of Phase One in 2025. Phase One covers an area of 230 acres and consists of 101 units of semi-detached, detached and link-detached factories, as well as 27 industrial land plots of up to 50 acres.



Source NCT website, data reported during the MTR, The Edge

**Table 4.18: Ongoing PPIs under IDRIS geographical development**

### Ongoing

Carey Selangor (Third Port)*	<ul style="list-style-type: none"> <li>Feasibility study approved in 2022</li> <li>Obtained Cabinet approval to proceed with the project</li> <li>Business and operation model approval expected by Quarter 1 2025</li> </ul>
Carey Island Special Economic Zone	<ul style="list-style-type: none"> <li>The Carey Island master plan has been approved at the State level</li> </ul>
Selangor Aero Park (SAP)*	<ul style="list-style-type: none"> <li>Approval for the appointment of a consultant to conduct the feasibility study for SAP Phase 1 obtained on February 2023</li> <li>Approval for the implementation of the RFQ process for the appointment of the SAP development master planner obtained on January 2024</li> <li>Targeted to finalise the concept development by Quarter 4 2024</li> </ul>
NCT Smart Industrial Park	<ul style="list-style-type: none"> <li>Obtained development approval for phase 1</li> <li>Physical works to start in 2024 and phase 1 expected completion in 2025</li> </ul>
Selangor Goldcoast Global Village	<ul style="list-style-type: none"> <li>The development is in its early stages, planning approval expected in Quarter 3 of 2024</li> <li>Reclamation works expected to start in 2025</li> </ul>

**Table 4.19: New PPIs under IDRIS geographical development**

### New

Integrated AgTech and Life Science Hub	<ul style="list-style-type: none"> <li>Partnership agreements with industry players in progress</li> <li>Greenhouse construction in progress</li> </ul>
Amverton Cove Eco-Integrated Township	<ul style="list-style-type: none"> <li>Obtaining approvals related to land and planning works</li> </ul>
Able Industrial Park	<ul style="list-style-type: none"> <li>Planning approvals and change of land title in progress</li> </ul>

● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

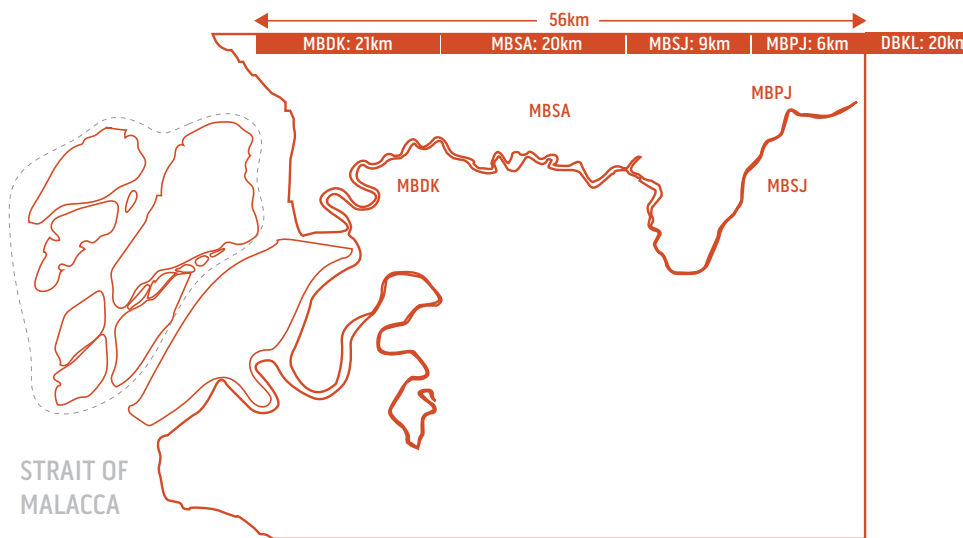
\*A Game Changer PPI



## GEOGRAPHICAL DEVELOPMENT 3: ZON PEMBANGUNAN EKONOMI SELANGOR MARITIME GATEWAY (ZPE SMG)

The ZPE SMG development encompasses infrastructure development aimed at improving river quality and enhancing mixed developments along the riverfront. Spanning over 27,900 hectares, the ZPE SMG extends from Mid Valley, Kuala Lumpur, to the river mouth and nearby islands of Port Klang. The primary purpose of the development is to drive economic growth in Selangor by

leveraging the waterway, which includes the strategic locations of two major ports – Westports and Northport. Given the long-term and large-scale nature of the PPIs under ZPE SMG, most of the PPIs are in the early stages of approvals, including environmental assessments, land considerations, planning and design processes.



In the State budget, *Jajaran Rel Kita Selangor* was announced, a planned alignment of the railway line connecting Klang to Kuala Selangor, Tanjong Karang and

Sabak Bernam. The feasibility and planning studies are expected to start in 2024. The improved connectivity will support ZPE SMG developments in the future.

**Table 4.20: Ongoing PPIs under ZPE SMG geographical development**  
Ongoing

ZPE SMG Development [formerly Integrated Water Resources Management (IWRM)]	<ul style="list-style-type: none"> <li>The Master Plan development is at the conceptualisation phase</li> </ul>
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**Table 4.21: New PPIs under ZPE SMG geographical development**  
New

Pembangunan Bercampur Berkonsepan Riverfront di Seksyen 24, Shah Alam	<ul style="list-style-type: none"> <li>Planning approvals are at various stages (e.g., application stage, conditional approval)</li> <li>Phase 1 development expected to start in 2025</li> </ul>
Pembangunan Bercampur Berkonsepan Riverfront di KLO8 Tanjung Syawal, Klang	<ul style="list-style-type: none"> <li>Planning approvals are at various stages (e.g., application stage, conditional approval)</li> <li>Phase 1 development expected to start in 2025</li> </ul>

● Key achievement (2021-2023)    ● Implementation in progress (As of 2023)    ● Planned implementation (2024 onwards)    \*A Game Changer PPI





## OTHERS: KOMPLEKS SUKAN SHAH ALAM (KSSA)

Kompleks Sukan Shah Alam (KSSA) was listed in RS-1 as a game changer. The redevelopment of Kompleks Sukan Shah Alam (KSSA) aims to make KSSA a vibrant and sustainable stadium, replete with sports facilities complete with the latest technological features to breath new life into the area.

The redevelopment will regenerate economic activities in the surrounding area, act as a flood mitigation measure and improve traffic flow through the development of LRT3. The redevelopment of KSSA is based of TOD, integrating the complex with the wider transport infrastructure.

**Table 4.22: Other new PPI**

**New**

Kompleks Sukan Shah Alam (KSSA)*	<ul style="list-style-type: none"> <li>Obtaining approval for demolition works of existing structure</li> </ul>
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- Key achievement (2021-2023)
- Implementation in progress (As of 2023)
- Planned implementation (2024 onwards)
- \*A Game Changer PPI



## 4.3

# Issues and Challenges

### Attracting high-value investments and building the right ecosystem are crucial for the success of RS-1

Investment serves as the foundation for economic growth and the transition to priority and high-value investments. However, there are several key challenges that need to be addressed, including intense regional competition, limitations in capital availability, skilled labour, product development capabilities, infrastructure and ecosystem connectivity. While physical infrastructure development is important, effective governance mechanisms that create a consistent and business-friendly environment are equally important. By addressing these challenges and fostering a conducive business environment, Selangor can attract and retain investments that drive economic growth and facilitate the transition to a more sustainable and resilient economy.

### Sustainable financing for infrastructure projects

Infrastructure development requires substantial financial resources and as many key infrastructure projects and geographical developments initiatives are in their early development stages, significant infrastructure spending is anticipated during the implementation phase. This is likely towards the end of the RS-1 timeline and beyond which means that there is a higher risk of increased capital due to inflation, increased global commodity prices and volatility of exchange rate. Selangor is exploring innovative financing mechanisms and leveraging public-private partnerships to ensure the availability of sustainable funding for infrastructure projects.

### Disruption in global supply chain and ESG readiness of local companies

As highlighted in Malaysia's 12MP MTR, the disruption in the global supply chain poses significant challenges for Malaysia as well as Selangor's economic development. Several factors contribute to this disruption, including slower exports growth and deeper fragmentation among economies.

Slower exports growth impacts Selangor's ability to expand its market reach and generate economic growth. As global trade faces uncertainties and disruptions, the demand for Selangor's exports may decrease, affecting the State's export-oriented industries. This slowdown in exports growth can hinder the State's economic progress and require innovative strategies to diversify markets and industries.

Furthermore, deeper fragmentation among economies adds complexity to the global supply chain. With increased protectionism and trade barriers, the integration of economies becomes more challenging. This is compounded by more stringent ESG requirements imposed by the European Union and certain countries. As countries implement stricter ESG regulations, businesses operating within the global supply chain must navigate a complex landscape of compliance and sustainability standards. Meeting these requirements often involves significant investments in sustainable practices, transparency and responsible sourcing, adding another layer of complexity to supply chain management and requiring businesses to adapt and adjust their operations accordingly.

Selangor, as a key player in the global supply chain, will need to navigate this fragmentation and find ways to maintain its competitiveness. This may involve strengthening regional partnerships, exploring new trade routes, and enhancing supply chain resilience.



## 4.4 Way Forward

Selangor's economic growth is expected to improve in 2024 with domestic demand expected to continue driving growth, supported by increasingly better household income prospects. This positive trajectory is reinforced by the State's improving unemployment rate, which has decreased from 4.3% in 2021 to 2.3% in Quarter 4 2023. Additionally, global goods demand is expected to be stronger, especially supported by the tighter monetary policies of advanced economies as they raised interest rates to control inflation. From a sectoral standpoint, the anticipated increase in growth is likely to be evident across all sectors, with a notable emphasis on manufacturing and services<sup>14</sup>.

Importantly, Selangor's anticipated economic growth aligns with its strategic role in advancing recent national economic agendas, with a strong focus to boost and harness economic complexity while performing in ESG standards. One of the key challenges to realise the aspiration is attracting human talent in sectors like the digital economy, E&E, M&E and aerospace. Bringing in the just energy transition perspective, the need to upskill and reskill the existing workforce is another challenge and opportunity. Whilst Selangor boasts of the most highly skilled workers amongst Malaysian states, there needs to be continued efforts to nurture potential and existing talents with new skills to remain competitive in the ASEAN region. This will be critical to retain the skilled workforce.

Strengthening the digital and physical infrastructure is a key enabler to achieve the goal. The focus is not only expanding the physical connectivity throughout the target groups and geographical areas, but also to enhance the efficiency, productivity and innovation of such services. Much effort has also been put into preparing the MSMEs to be more digitally savvy and competitive.

Furthermore, infrastructure readiness is particularly emphasised in the development of the three geographical developments, with the addition of the expansion of Westports and introduction of a new Carey Selangor (Third Port), introducing new industrial and business parks, infrastructure works to enhance connectivity and beautify the urban environment. Such efforts are critical to boost Selangor as a globally competitive investment destination, aligned with '*Ekonomi MADANI: Raise the Ceiling*'.

The Geographical Developments are expected to boost Selangor as a globally competitive investment destination as defined in *Ekonomi MADANI: Raise the Ceiling*, in particular IDRISS and its focus on high-complexity industrial developments such as the NCT Smart Industrial Park, Selangor Aero Park and Integrated AgTech and Life Science Hub. These industries are further supported by enabling infrastructure such as Carey Selangor (Third Port), Carey Island Special Economic Zone and the Selangor Government Incentives (SGI).

Concerted efforts and effective implementation of these strategies and initiatives will contribute to strengthening the economy as well as promoting balanced regional growth and development. Additionally, these efforts will provide ample job opportunities and economic participation avenues for *rakyat* Selangor, enabling them to achieve their aspirations and fulfil their potential.

<sup>14</sup> Laporan Ekonomi Negeri Selangor 2022/2023

# 05

## Strategic Theme 2: **Enhancing Social Inclusivity & Wellbeing**

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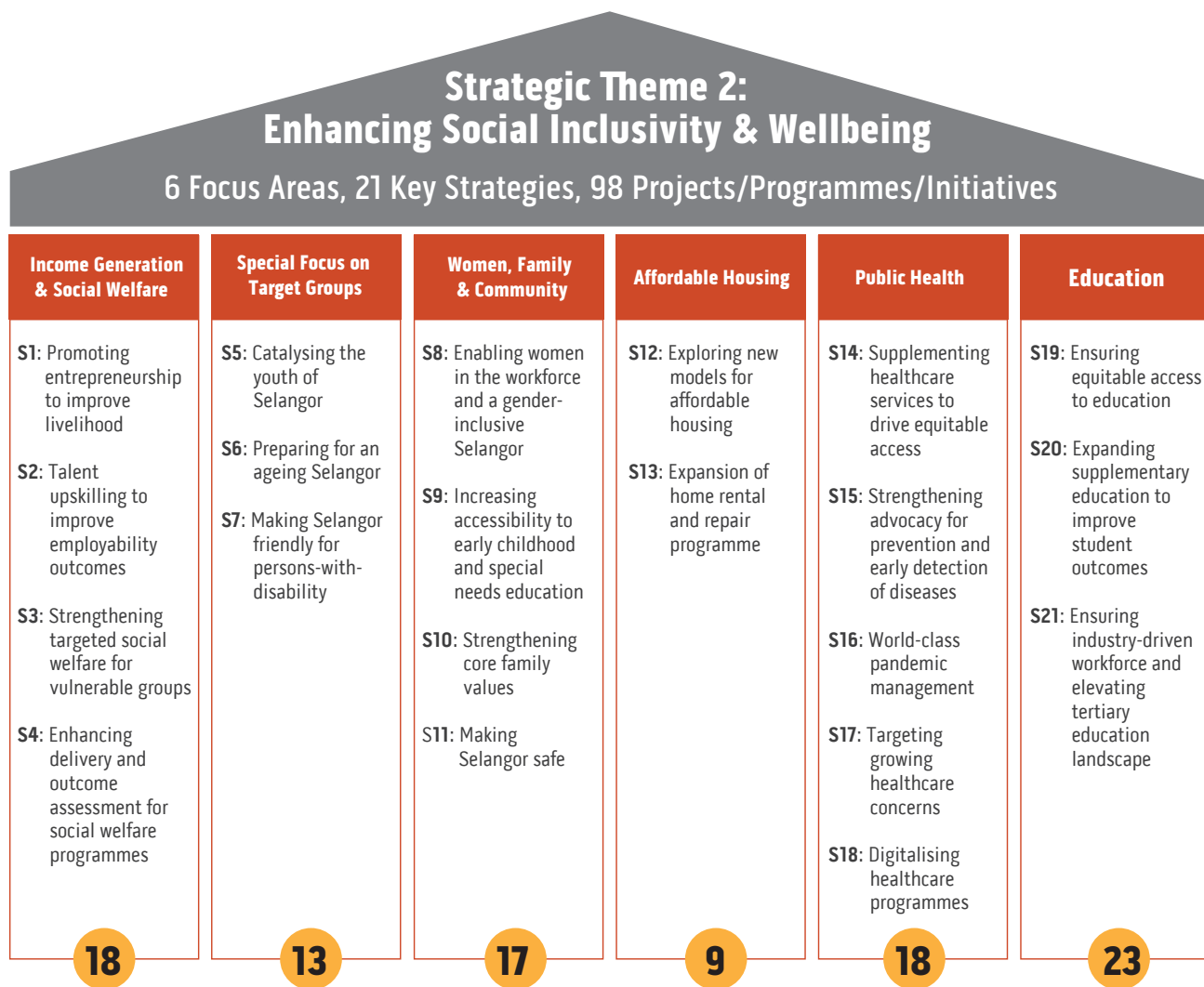


## 5.1 Introduction

Socio-economic development will not be holistic or balanced without ensuring inclusivity, particularly for the vulnerable communities. Strategic Theme 2 on enhancing social inclusivity and wellbeing of *rakyat* Selangor seeks to provide equal opportunities for income generation for all, introduce targeted

intervention for the urban poor and rural communities to ensure an inclusive society. This is addressed through the six focus areas which represent critical challenges that affect the residents of Selangor, benefitting the *rakyat* from different age groups, income levels and socio-economic status.

**Figure 5.1 Overview of the Strategic Theme 2**

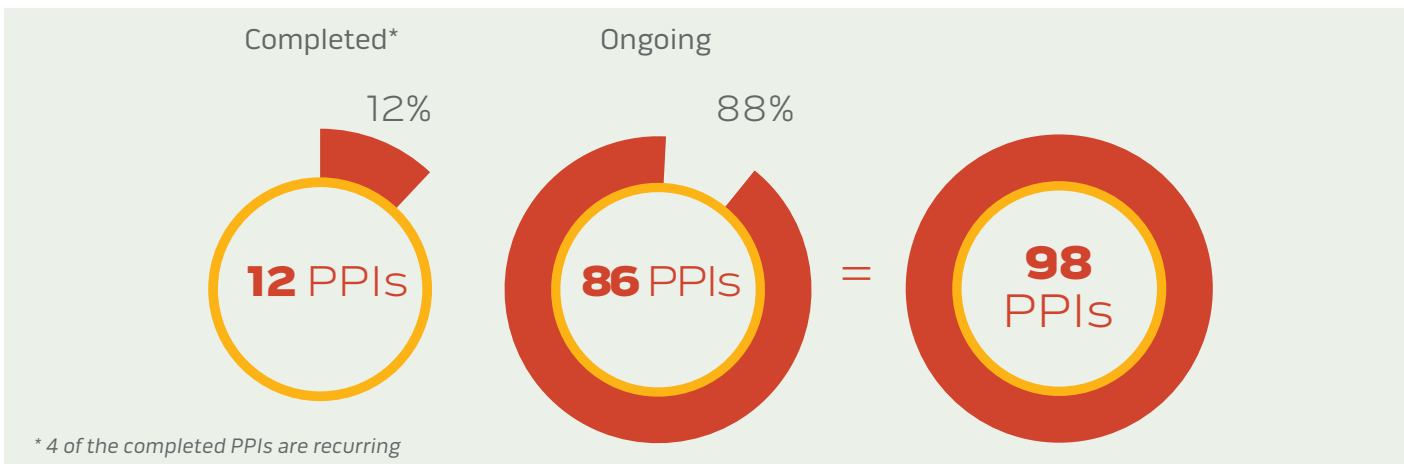


**98** Updated number of projects/programmes/initiatives identified as per Mid-Term Review

The MTR found that all 21 Key Strategies are being implemented, with varying progress based on each PPI.

## 5.2 Key Achievements and Progress

Figure 5.2 Implementation status of the Strategic Theme 2 PPIs



### FOCUS AREA 1: INCOME GENERATION AND SOCIAL WELFARE

The main aim of focus area 1 is to increase household income and reduce poverty. This includes assistance in providing micro-financing or micro-grants assistance to existing qualifying MSMEs and new entrepreneurs to increase income level. Apart from that, the State Government also provides support in employment in the gig economy as a stop-gap measure to tackle unemployment. Whilst income generating initiatives provide a sustainable way to uplift families out of poverty, immediate assistance in the form of social welfare programmes are also necessary to address immediate needs.

Most of the schemes or initiatives introduced such as the *Skim Hijrah Selangor*, *Program Bantuan Blueprint Pembasmian Kemiskinan Negeri Selangor* and *Dana Usahawan Madani Selangor* are long-term initiatives. The completed initiative, *Selangor Freelance Job Matching Platform*, was designed to support post-COVID recovery and address unemployment which has steadily declined following domestic economic activities. While most programmes provide direct assistance to the individual beneficiaries, programmes such as the *Program Sinergi Prihatin* enable the local organisations to assist the targeted communities.



## SPOTLIGHT: SKIM MIKRO KREDIT HIJRAH SELANGOR

*Skim Mikro Kredit Hijrah Selangor* provides micro-financing schemes to entrepreneurs in Selangor, ranging from RM1,000 to RM50,000 to assist new or existing businesses. There are various financing schemes offered by *Yayasan Hijrah Selangor* (YHS) such as *i-Bisnes*, *NaDI*, *Zero to Hero* and *Go-Digital*, each targeting specific business types and target groups.

*Skim Mikro Kredit Hijrah Selangor* started in 2015 and up to May 2024 has approved 89,700 loan applications for 59,916 entrepreneurs, with total disbursements of RM818,729,500. During the RS-1 implementation phase from 2021 – 2023, a total of 18,259 beneficiaries have received financing assistance from *Skim Mikro Kredit Hijrah Selangor* worth RM246,045,000.

Various process improvements have been done recently to implement a debt management programme to increase collections through YHS own tele collectors, debt collection agents, as well as collaboration with *Agensi Kaunseling dan Pengurusan Kredit* (AKPK) to assist with loan restructuring. Recently, YHS has restructured its financing schemes by consolidating all the previous schemes into *Skim i-Bisnes* for individual lending while *Skim NaDI* focuses on group lending.

In an effort to empower entrepreneurs, YHS is committed towards entrepreneur development by providing training through its internal programmes as well as collaboration with other institutions that are experts in areas such as financial education and digital marketing.

In the future, Selangor will track the impact of *Skim Mikro Kredit Hijrah Selangor* by monitoring the income level or total revenue/profits of the businesses assisted, in line with aspirations to increase the middle class group in the state of Selangor.

**Table 5.1: Completed and ongoing PPIs under Income Generation and Social Welfare focus area**

### Completed

Selangor Freelance Job Matching Platform	<ul style="list-style-type: none"> <li>5,000 registered participants completed the training and received incentives over the 6-month program in 2022</li> <li>This initiative aims to enhance the skills and employability of <i>rakyat</i> Selangor in the global digital freelancing arena</li> </ul>
A new wellbeing index for the State of Selangor	<ul style="list-style-type: none"> <li>DOSM has produced and published the Malaysia Happiness Index at State level, which can be used to monitor wellbeing of citizens</li> </ul>
<i>Pengecualian Fi Lesen Penjaja</i>	<ul style="list-style-type: none"> <li>A total of 87,044 street vendors and small vendors have benefitted in 2023</li> </ul>

### Ongoing

<i>Dana Usahawan Madani Selangor</i> (DUMS)	<ul style="list-style-type: none"> <li>A total of 326 individuals have benefited from equipment grants ranging between RM10,000 and RM30,000</li> </ul>
<i>Pusat Wanita Berdaya</i> (PWB)	<ul style="list-style-type: none"> <li>A total of 2,309 women empowerment programs have been implemented, involving 75,000 participants overall to encourage active income generation</li> </ul>
<i>Program Bantuan Blueprint Pembasmian Kemiskinan Negeri Selangor</i>	<ul style="list-style-type: none"> <li>A total of 1,139 small traders have benefited from equipment and business training assistance, with a maximum value of RM10,000</li> </ul>
Indian Selangor Empowerment and Entrepreneurs Development (i-SEED)	<ul style="list-style-type: none"> <li>A total of 640 beneficiaries have received equipment or machinery assistance based on their business/enterprise needs, with a maximum value of RM10,000</li> </ul>
<i>Bantuan Kehidupan Sejahtera Selangor</i> (BINGKAS) Cash Assistance Programme	<ul style="list-style-type: none"> <li>A provision of RM3,600 annually or RM300 monthly is given to each eligible family to support the purchase of basic necessities without cash at selected stores/supermarkets</li> <li>BINGKAS has benefited 27,542 beneficiaries as of 2023. The beneficiaries will continue to be registered in the programme for two years</li> </ul>
<i>Skim Mesra</i>	<ul style="list-style-type: none"> <li>The shopping voucher program provides RM150 and a death benefit of RM500 to senior citizens and disabled individuals</li> <li>570,604 beneficiaries of <i>Skim Mesra</i> have received the <i>Jom Shopping</i> voucher and 14,341 beneficiaries have received support for funeral expenses</li> </ul>

## Ongoing

Program Pusat Kebajikan Lestari	• A total of 121 welfare centers have benefited from the purchase of essential goods and requested equipment
Program Sinergi Prihatin	• A total of 29 NGOs and social organizations have benefited from this initiative to implement welfare-based programs
Monitoring framework for all social welfare programmes	• All RS-1 programmes are currently being monitored by the relevant departments, covering social welfare programmes
Skim Mikrokredit Hijrah Selangor	• Financing ranging from RM1,000 to RM50,000 is provided to entrepreneurs and aspiring entrepreneurs
Incentives and promotions for professional certifications	• A new incentive programme will be developed in 2024 (programme have not started and was under review in 2023)
Skim Air Darul Ehsan	• A total of 34,011 households benefited from this scheme in 2023
Jom Shopping Perayaan	• A total of 78,055 beneficiaries received this voucher in 2023
Jelajah Ehsan Rakyat	<ul style="list-style-type: none"> <li>• Sales of basic necessities such as chicken, eggs, beef, fish and cooking oil with reduced prices that are lower than market prices through expedition to nine districts in Selangor to reduce the pressures of rising cost of living</li> <li>• A total of 7,031,825 buyers benefited from this programme in 2023</li> </ul>

**Table 5.2: New PPI under Income Generation and Social Welfare focus area**

## New

BIKE-CARE programme	• Provide RM1,000 cash assistance to 200 beneficiaries in 2023 to purchase motorcycles to be e-hailing riders. Programme is still in progress.
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● Key achievement (2021-2023)    
 ● Implementation in progress (As of 2023)    
 ● Planned implementation (2024 onwards)    
 \*A Game Changer PPI



## SPOTLIGHT: BINGKAS (BANTUAN KEHIDUPAN SEJAHTERA SELANGOR)

BINGKAS provides assistance of RM300 per month via e-wallet for a duration of two years to purchase basic household necessities. BINGKAS recipients can purchase basic household items such as groceries, diapers, medication and school supplies from participant merchants across Selangor using the credit given on BINGKAS e-wallet. This initiative aims to help alleviate cost of living for families with household income less than RM3,000 per month. As of 2023, there are 27,542 total recipients of the BINGKAS programme.







## FOCUS AREA 2: SPECIAL FOCUS ON TARGET GROUPS

The special focus on target groups are meant for youth, senior citizens and persons with disability. The youth-related initiatives mostly prioritise improving employability as well as providing avenues for youth to participate in community programmes.

As Selangor is moving towards an ageing State, there is a need to address health, wellbeing and suitable economic opportunities for the senior citizens. Empowering senior citizens to generate income is essential in preventing poverty among the elderly as well as enhancing their quality of life through active participation in the community. A new programme,

namely the Silver Workforce Employment Programme will be introduced in 2025 to provide employment opportunities that are more flexible and less laborious for the senior citizens. Another new programme on providing training to caregivers for senior citizens will also be introduced to increase the supply of trained caregivers.

One of the milestone achievements to support people with reduced mobility is the establishment of the *Majlis Tindakan OKU Selangor (MTOS)* to oversee and develop the *Pelan Tindakan OKU Selangor*.

**Table 5.3: Ongoing PPIs under Special Focus on Target Groups focus area**

### Completed

Selangor Active Ageing Programme	<ul style="list-style-type: none"> <li>The Elderly Convention Seminar was conducted in 2022 and 2023. This program will be continued as a proactive measure to enhance the well-being of senior citizens in Selangor</li> </ul>
Selangor <i>Kerjaya</i> Job Matching Platform (by MBI)	<ul style="list-style-type: none"> <li>A total of 6,795 positions have been filled through 48,346 registrations on the provided platform</li> </ul>

### Ongoing

Implementation of <i>Dasar Belia Selangor</i>	<ul style="list-style-type: none"> <li>714 total programmes or events executed by <i>Penggerak Belia Selangor (PeBS)</i> based on domains in <i>Dasar Belia Selangor</i></li> </ul>
<i>Penggerak Belia Selangor (PeBS)</i> Volunteer Programme	<ul style="list-style-type: none"> <li>The program achieved 276 volunteers in 2021, 269 volunteers in 2022, and 280 volunteers in 2023. This initiative aims to drive comprehensive youth development programs and communicate government policies at the grassroots level</li> <li>Targeting 280 volunteers each year</li> </ul>
Sukarelawan Selangor/Selangor Volunteer (SERVE)	<ul style="list-style-type: none"> <li>A total of 6,286 volunteers were recruited to mobilize volunteers, particularly the younger generation, to assist communities through disaster humanitarian missions</li> </ul>
Selangor Mega Job Fair	<ul style="list-style-type: none"> <li>32,064 total participants in Selangor Mega Job Fair</li> <li>565 total employers participated in the events with total of more than 55,000 job vacancies available</li> </ul>
SAY LEAD Entrepreneurship Programme for PWDs	<ul style="list-style-type: none"> <li>About 70 entrepreneurs with disabilities have undergone training provided by Selangor Youth Community (SAY)</li> </ul>
Independent Living Support Centre (ILSC)	<ul style="list-style-type: none"> <li>This program provides learning and employment opportunities for youth with disabilities aged 17 to 25 years. In 2023, a total of 48 participants joined the program</li> </ul>
<i>Inisiatif Roda Darul Ehsan (RIDE)</i>	<ul style="list-style-type: none"> <li>A total of 9,000 individuals received this incentive, amounting to RM1.65 million in total, for the <i>rakyat Selangor</i> who are engaged in full-time P-Hailing</li> </ul>
Implementation of <i>Pelan Tindakan OKU Selangor</i>	<ul style="list-style-type: none"> <li>The refinement of the current OKU Policy and the Selangor OKU Action Plan is underway. Programs will be implemented based on the Selangor OKU Action Plan</li> </ul>

## Ongoing

Selangor Youth Excel Programme	<ul style="list-style-type: none"> <li>A new programme will be designed in 2024 to increase youth employability</li> </ul>
Selangor Silver Workforce Employment Platform	<ul style="list-style-type: none"> <li>A new programme will be developed in 2024 to provide employment opportunities (flexible, part-time and low-physical impact jobs) to senior citizens, under the Care Economy portfolio</li> </ul>
Establish retirement facilities and provision of caretaker training for senior citizens	<ul style="list-style-type: none"> <li>A new programme will be designed in 2024 for training of caretakers for senior citizens</li> <li>There are planned retirement facilities in construction by Selgate, and other retirement living facilities being constructed &amp; completed by other private sector players</li> </ul>

● Key achievement (2021-2023)    
 ● Implementation in progress (As of 2023)    
 ● Planned implementation (2024 onwards)    
 \*A Game Changer PPI



## FOCUS AREA 3: WOMEN, FAMILY AND COMMUNITY

This focus area aims at women, families and communities to enable safe and reliable childcare services and increase access to early childhood education to continuously improve the wellbeing of working mothers and maintain high levels of women participation in the workforce. The PPIs in this focus area subsidise costs for childcare and early childhood education and provide training for childminders to ensure inclusive education for all.

The wellbeing of the people in Selangor is closely linked to family harmony and strong family values. This focus area also looks into initiatives to improve family practices which will serve as the foundation to improve the overall wellbeing of the State.

The new PPIs introduced during the MTR are focused on rural development initiatives, children-focus initiatives as well as cultural initiatives to include other areas that are being developed by the State Government to impact social wellbeing.



## SPOTLIGHT: ANAK ISTIMEWA SELANGOR (ANIS) PROGRAMMES

ANIS programmes aim to improve wellbeing and provide support to families with special-needs children. *Bantuan Khas ANIS* is a cash assistance programme that provides up to RM5,000 assistance to families with special-needs children below 18 years old with the aim of assisting the purchase of special equipment or machines or to support associated programme costs. The *Didik ANIS* is a programme that provides one-off cash assistance to education institutions that conduct early intervention programmes for special-needs children. From 2021-2023, there are a total of 2,020 total recipients of *Bantuan Khas ANIS* and *Didik ANIS*.

*Akademi ANIS* provides training programmes or seminars to parents, caregivers, teachers and volunteers to assist special-needs children, whilst the *Pusat ANIS* has been established to provide early intervention programmes for special-needs children. Since 2021, there are a total of 4,156 participants in ANIS institutions covering *Pusat Anis*, *Prasekolah ANIS* and *Akademi Anis*.




**Table 5.4: Completed and ongoing PPIs under Women, Family and Community focus area**
**Completed**

<i>Kursus Intensif Perkembangan Kanak Perkembangan (KIPK)</i>	<ul style="list-style-type: none"> <li>Total 155 childminders trained in 2021-2022</li> <li>Programme is discontinued in 2023 and has been replaced by a new childcare training programme for childminders (IMPAK)</li> </ul>
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**Ongoing**

<i>Skim Bantuan Asuhan Anakku Pintar (ASUH Pintar)</i>	<ul style="list-style-type: none"> <li>1,489 total beneficiaries received RM100 monthly fees assistance to subsidise childcare cost</li> </ul>
<i>Skim Bantuan Tadika Selangor (TUNAS)</i>	<ul style="list-style-type: none"> <li>6,039 total beneficiaries received RM50 monthly fees assistance to subsidise kindergarten cost</li> </ul>
<i>Anak Istimewa Selangor (ANIS)</i> programmes for Special Needs Children	<ul style="list-style-type: none"> <li>2,020 recipients received cash assistance, consisting of one-off cash assistance up to RM5,000 for families with PWD and one-off cash assistance for learning institutions to conduct Early Intervention Programmes for special needs children</li> <li>4,156 total participants and special-needs children enrolled in ANIS institutions, inclusive of <i>Pusat ANIS</i>, <i>Prasekolah ANIS</i> and <i>Akademi ANIS</i></li> </ul>
Implementation of smart city solutions for crime preventions by Smart Selangor Delivery Unit (SSDU)	<ul style="list-style-type: none"> <li>71 CCTVs has been installed and operationalised</li> </ul>
<i>Iltizam Anak Selangor</i>	<ul style="list-style-type: none"> <li>11,000 total beneficiaries (in 2023) of RM100 annual contribution (up to five years) for SSPN Prime education fund</li> </ul>
<i>Pusat Smart Desa</i>	<ul style="list-style-type: none"> <li>Establishment of two <i>Pusat Smart Desa</i> in 2023</li> <li>PlanMalaysia has identified the location to establish two <i>Pusat Smart Desa</i> in 2024</li> </ul>
Ensuring safe and reliable childcare and support services	<ul style="list-style-type: none"> <li>A new programme to increase safe and reliable child-care will be designed in 2024, for implementation in the future</li> </ul>
Encouraging private preschool operators to set up in underserved areas	<ul style="list-style-type: none"> <li>A study will be conducted in 2024 to assess the supply and demand of preschools in Selangor</li> </ul>
Advocacy of positive family practices and working arrangements	<ul style="list-style-type: none"> <li><i>Seminar Keluarga Negeri Selangor</i> was conducted in September 2023</li> <li>A new action plan for family wellbeing will be developed in 2024</li> </ul>
Implementation of <i>Dasar Pembangunan Kanak-Kanak Selangor</i>	<ul style="list-style-type: none"> <li><i>Dasar Pembangunan Kanak-Kanak Selangor</i> was approved in March 2023</li> <li>Programmes will be developed based on the thrusts identified in the policy</li> </ul>
Implement <i>Dasar Wanita Selangor</i> initiatives and programmes	<ul style="list-style-type: none"> <li>Programmes such as training and events will be conducted based on the pillars in <i>Dasar Wanita Selangor</i></li> </ul>
<i>Program pemeraksanaan pengasuh kanak-kanak dan pembangunan pengkalan data (IMPAK)</i>	<ul style="list-style-type: none"> <li>A childcare training programme for childminders to be implemented in 2024 onwards</li> </ul>
<i>PINTAS Insentif Yuran Pendaftaran Taska</i>	<ul style="list-style-type: none"> <li>Target of 5,000 total beneficiaries of one-off incentive with a value of RM100 to subsidise childcare registration fees for M40 families</li> </ul>
Shah Alam Contemporary and Modern Arts (SAMA)*	<ul style="list-style-type: none"> <li>Conceptualisation of SAMA is completed and in the midst of obtaining approval</li> </ul>
<i>Rumpun Selangor</i>	<ul style="list-style-type: none"> <li><i>Dasar Perpaduan Rumpun Selangor</i> will be developed</li> <li><i>Karnival Perpaduan</i> will be conducted in each district from 2024 onwards</li> </ul>
<i>Dana Bantuan Guaman Selangor</i>	<ul style="list-style-type: none"> <li>Provision of up to RM3,000 subsidy for legal services on family and employment cases</li> <li>A total of 22 beneficiaries has received assistance in the year 2023</li> </ul>

● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI



## FOCUS AREA 4: AFFORDABLE HOUSING

Affordable housing is a key livelihood concern for most urban communities. Hence, the PPIs are focused on exploring new models for affordable housing and expansion of home rental and repair programmes. Apart from the *Rumah Selangorku* initiative that focuses on increasing supply of affordable housing for purchase and

rental (rent-to-own programme), there are also initiatives to repair and upgrade existing homes that are in dire need of repairs to make it more livable. This focus area also includes an initiative to repair or build new housing units for the Orang Asli community.



### SPOTLIGHT: RUMAH SELANGORKU

*Rumah Selangorku* is an initiative by the State Government to provide affordable housing units of various specifications through partnership with private developers. The *Rumah Selangorku* policy mandates private developers to allocate a certain percentage of housing units for *Rumah Selangorku* categories, while the State, through *Lembaga Perumahan dan Hartanah Selangor* (LPHS), will manage applications and determine the eligible buyers for these affordable housing units based on the specific criteria.

*Rumah Selangorku* is targeted for first-time home-buyers in Selangor with no existing property in the State and household income of less than RM10,000 per month. Prices for *Rumah Selangorku* units range from RM42,000 up to RM250,000 based on five different types with varying sizes and specifications.

The overarching target for the *Rumah Selangorku* programme is to provide 60,000 units by 2025.

**Table 5.5: Completed and ongoing PPIs under Affordable Housing focus area**

#### Completed

Post-COVID-19 Affordable Home Construction Incentives	<ul style="list-style-type: none"> <li>Waiving of development fees (RM500) for all affordable housing projects in Selangor until 2023, and reduction of land premium deposit from 150% to 100% for Selangor</li> </ul>
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#### Ongoing

<i>Skim Ceria</i>	<ul style="list-style-type: none"> <li>40 total repair and upgrading projects completed at low-cost housing areas</li> </ul>
<i>Program Bina Baru dan Baikpulih Rumah Kerajaan Prihatin</i>	<ul style="list-style-type: none"> <li>109 total family assisted in building new or repairing existing houses for applicants that fulfilled the criteria</li> </ul>
Repair of homes in Orang Asli villages	<ul style="list-style-type: none"> <li>As many as 13 <i>Orang Asli</i> have received assistance in building new or repairing existing houses in 2023</li> </ul>
<i>Rumah Selangorku</i>	<ul style="list-style-type: none"> <li>15,043 total <i>Rumah Selangorku</i> housing units completed</li> <li>The programme will continue towards the ultimate target of 60,000 units by 2025</li> </ul>
<i>Skim Smart Sewa and Smart Sewa 2STAY</i>	<ul style="list-style-type: none"> <li>1,146 Smart Sewa units in 2022 and 422 additional Smart Sewa units in 2023</li> <li>Target purchase of 3,000 <i>Rumah Selangorku</i> units in 2025</li> </ul>
Exemption of assessment tax	<ul style="list-style-type: none"> <li>Exemption of assessment tax given to owners of homes in villages (<i>kampung</i>) and low cost housing</li> <li>A total of 426,656 beneficiaries have benefited from this exemption in 2023</li> </ul>
<i>Skim Selangorku To Ownership (S2-Own)</i>	<ul style="list-style-type: none"> <li>Construction on <i>Rumah Selangorku</i> Type A resolved the squatters issue for 249 residents in <i>Bandar Petaling Jaya Selatan</i></li> </ul>
Insurance for Low Cost Apartments	<ul style="list-style-type: none"> <li>Provision of insurance coverage for natural disasters and building damages for low cost apartments in Selangor</li> <li>A total of 39,367 households have benefited from this scheme in 2023</li> </ul>

● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI



## FOCUS AREA 5: HEALTHCARE

Health is one of the most significant factors impacting an individual's wellbeing. The role of the State government in public healthcare focuses on promoting healthy lifestyle to improve health

outcomes, encourage frequent health screenings for early detection as well as providing assistance to alleviate costs for obtaining medical treatment at private healthcare facilities.



### SPOTLIGHT: *ILTIZAM SELANGOR SIHAT*

*Itizam Selangor Sihat* aims to help alleviate the cost of obtaining medical treatment at private healthcare facilities in Selangor. The programme provides medical coverage up to RM500 to eligible *rakyat* Selangor from the B40 income group to subsidise the cost of basic medical treatment at private healthcare facilities or clinics. In addition to that, *Itizam Selangor Sihat* also provides a death benefit of RM1,000. For critical illness and accidents resulting in permanent disability, *Itizam Selangor Sihat* provides a benefit of RM5,000.

From 2021-2023, a total of 251,380 recipients from B40 families have benefited from *Itizam Selangor Sihat* RM500 medical coverage.



**Table 5.6: Completed and ongoing PPIs under Healthcare focus area**

#### Completed

Prevention of Outbreak at Ignition Sites (POIS)	<ul style="list-style-type: none"> <li>POIS was conducted to control COVID-19 infection at industrial areas during the pandemic</li> </ul>
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#### Ongoing

<i>Itizam Selangor Sihat</i>	<ul style="list-style-type: none"> <li>251,380 total beneficiaries from B40 income group, received up to RM500 coverage on medical costs at private healthcare facilities within the past three years</li> </ul>
<i>Bantuan Sihat Selangor Programme</i>	<ul style="list-style-type: none"> <li>7,461 total beneficiaries, received financial assistance to cover the cost of dialysis treatment, minor surgeries and cataract surgeries</li> </ul>
SELCAN Selangor Cancer Screening Programme	<ul style="list-style-type: none"> <li>10,077 total beneficiaries, received cancer screening service</li> </ul>
INSAN ( <i>Skim Insurans Am Negeri Selangor</i> )	<ul style="list-style-type: none"> <li>6,000,000 total persons insured by INSAN for a period of 12 months</li> </ul>
<i>Program Kawalan dan Pencegahan Denggi</i> to reduce dengue prevalence	<ul style="list-style-type: none"> <li>Four Dengue prevention campaigns were conducted in 2023</li> <li>Dengue prevalence rate has always been increasing in Selangor (with the exception of the reduction during pandemic MCOs). To reduce the rate of increase, more prevention campaigns will be conducted in 2024 onwards.</li> </ul>
<i>Program Selangor Saring Health Screening</i>	<ul style="list-style-type: none"> <li>19,888 total persons from 2022-2023 received free health screening, consisting of physical, urine and blood screening</li> </ul>

## Ongoing

Program Anak Selangor Anak Sihat	<ul style="list-style-type: none"> <li>1,520 total children from B40 families received food packs and multivitamin to reduce stunting and child wasting</li> <li>The programme will be expanded by collaborating with private sectors to secure sponsorships and benefit more children</li> </ul>
Program Mental Sihat Selangor	<ul style="list-style-type: none"> <li>97,223 total mental health screening conducted via the SELangkah app</li> <li>945 total users have benefited from <i>Talian SEHAT</i> service</li> <li>208 total recipients of subsidy on psychiatry or psychology consultation/treatment costs</li> </ul>
Program Slim Selangor	<ul style="list-style-type: none"> <li>2,136 total participants for the 4-week programme in 2022</li> <li>Programme was on-hold in 2023 and will be resumed in 2024</li> </ul>
Preparing for ageing healthcare	<ul style="list-style-type: none"> <li>Currently, majority of the State-funded healthcare programmes are already benefiting senior citizens (i.e. <i>Bantuan Sihat Selangor, Selangor Saring, SELCAN, Iltizam Sihat Selangor</i>)</li> <li>As Selangor continue to move towards an ageing state, a more holistic plan needs to be developed to prepare for the increase in senior citizen population that may strain existing healthcare system</li> </ul>
Consolidation and digitalisation of all State healthcare programmes in SELangkah app	<ul style="list-style-type: none"> <li>Currently, some state healthcare programmes are managed in the SELangkah app, with some programmes having their own website or portals</li> <li>In 2024, it is planned for SELangkah app to include HAYAT database (electronic medical record)</li> </ul>
SUKA Volunteer Programme	<ul style="list-style-type: none"> <li>A volunteer programme to get volunteers to conduct the State's public health programmes as well as increase advocacy on public health among the community</li> </ul>
Skim Rawatan Jantung	<ul style="list-style-type: none"> <li>Provides assistance for treatment of heart diseases, up to RM50,000 for households with less than RM8,000 monthly household income</li> </ul>
Skim Rawatan Tuberkulosis	<ul style="list-style-type: none"> <li>Provides assistance for treatment of tuberculosis of up to RM800</li> </ul>
Iltizam Selangor Sihat Penjawat Awam	<ul style="list-style-type: none"> <li><i>Skim Iltizam Selangor Sihat Penjawat Awam (ISSPA)</i> provides healthcare coverage for treatments at selected private clinics or hospitals for the State's civil service (Grade 44 and below). The healthcare treatment cost coverage is up to RM10,000 annually for in-patient treatment, with a limit of RM250 annually for outpatient treatments.</li> </ul>
Eye Health Screening (Pemeriksaan Kesihatan Mata)	<ul style="list-style-type: none"> <li>A total of 1,958 beneficiaries have received free eye health screening in 2023</li> </ul>
Women Health Screening Scheme (Skim Kesihatan Wanita Selangor) (MAMMOSEL)	<ul style="list-style-type: none"> <li>A total of 298 beneficiaries have received free women health screening inclusive of mammogram, ultrasound and biopsy in 2023</li> </ul>

● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI





## FOCUS AREA 6: EDUCATION

The focus area on Education complements the Ministry of Education's efforts from primary school to tertiary education. The State Government not only offers various financial assistance to encourage students to pursue higher education, such as convertible loans and scholarships, but also targets initiatives that could elevate the students' performance and overall development encompassing academic and non-academic aspects.

Selangor has three State-owned higher education institutions namely *Universiti Selangor* (UNISEL), *Universiti Islam Selangor* (UIS) and Selangor Technical Skills Development Centre (STDC). Some initiatives under this focus area seek to improve facilities, modules and programmes in these institutions.

**Table 5.7: Completed and ongoing PPIs under Education focus area**

### Completed

Covering education gaps from the lost generation (during pandemic)	<ul style="list-style-type: none"> <li>3,259 children participated at the <i>Pesta Buku Kanak-Kanak 2023's 3M Activity (Menulis, Membaca, Mengira)</i></li> </ul>
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### Ongoing

Selangor BITARA	<ul style="list-style-type: none"> <li>Three full scholarships awarded to <i>Anak Selangor's</i> top students to further their education at degree, masters or PhD level at the 100 top global university</li> </ul>
BITARA Programme	<ul style="list-style-type: none"> <li>47 <i>Anak Selangor</i> sponsored to attend <i>Kolej Yayasan Saad (KYS)</i> and <i>Maktab Rendah Sains MARA (MRSM)</i></li> <li>100% of sponsored students obtained CGPA of 3.0 and above</li> </ul>
<i>Pinjaman Pelajaran Yayasan Selangor</i>	<ul style="list-style-type: none"> <li>2,180 recipients of <i>Yayasan Selangor's</i> convertible loan to study at Selangor public or private higher education institutions</li> </ul>
<i>Hadiah Pengajian Institut Pengajian Tinggi (HPIPT)</i>	<ul style="list-style-type: none"> <li>8,146 total recipient of RM1,000 cash assistance to alleviate cost for students starting their tertiary education at higher education institutions</li> </ul>
<i>Program Sekolah Angkat Zakat Selangor (PROSAZ)</i>	<ul style="list-style-type: none"> <li>20 schools received up to RM25,000 funds in 2023 to implement programmes focusing on academic and non-academic aspects, benefitting 810 total students from '<i>asnaf</i>' (those who are eligible to receive <i>zakat</i>) families</li> </ul>
Form Six Sponsorship Programme (PTEYS)	<ul style="list-style-type: none"> <li>1,007 total students sponsored to pursue Form 6 in Selangor</li> </ul>
<i>Pinjaman Boleh Ubah Dalam Negara</i>	<ul style="list-style-type: none"> <li>443 Selangor students received convertible loans in 2023 to further their education in public or private higher education institutions in Malaysia</li> </ul>
<i>Program Tuisyen Rakyat Selangor (PTRS)</i>	<ul style="list-style-type: none"> <li>Total schools where PTRS is being implemented have grown from 177 in 2021 and 189 in 2022 to 225 in 2023</li> <li>135,000 total students registered on PTRS portal (receiving access to learning materials)</li> </ul>
High Potential Student Programme (HIPERS)	<ul style="list-style-type: none"> <li>3,409 total students selected to join HIPERS programme</li> <li>58% of HIPERS students obtained SPM results of 4As and above in 2022</li> </ul>
Language Discovery Programme @ Selangor Public Library	<ul style="list-style-type: none"> <li>5,102 total participants in the Language Discovery Programme</li> <li>3,345 total participants completing the full 12-weeks programme</li> </ul>
<i>Program Pembangunan Kemahiran STEM</i>	<ul style="list-style-type: none"> <li>Total schools participating in <i>Mini Teater STEM</i> (a STEM innovation competition) have grown from 15 in 2021 to 40 in 2023</li> <li>3,491 total participants in <i>Seminar Menjana Naratif Inovasi STEM</i> conducted in 2023</li> </ul>
<i>Inisiatif Kemahiran Teknikal dan Ikhtisas Smart Selangor (IKTISASS)</i>	<ul style="list-style-type: none"> <li>2,282 total students enrolled in TVET programmes in IKTISASS</li> <li>There are currently two IKTISASS TVET institutions, namely STDC Kuala Selangor and STDCx Shah Alam</li> </ul>

## Ongoing

Program Pemerkasaan Mahasiswa Selangor	<ul style="list-style-type: none"> <li>13 total student empowerment programmes and conventions conducted, involving a total of 3,205 students</li> </ul>
Program Pembangunan Gugusan Pendidikan	<ul style="list-style-type: none"> <li>This initiative covers student programmes in two State-owned institutions, namely UNISEL and UIS</li> <li>Three programmes conducted in 2022-2023, with a total of 620 participants</li> </ul>
Majlis Konsultasi Akademia-Industri Selangor	<ul style="list-style-type: none"> <li>Involves the development of training modules for STDC, through collaboration with Industry. For example, there have been modules developed through collaboration with Apple, Siemens and Festo, and have been rolled-out for training of 548 total students from 2022 to 2023</li> </ul>
Program Pembangunan & Penyelidikan Selangor	<ul style="list-style-type: none"> <li>A total of 30 research grants awarded in 2023 to encourage research and development activities</li> <li>The Selangor Research, Development and Innovation Expo has been conducted annually in 2022-2023, with total attendees of nearly 15,000 visitors (cumulative)</li> </ul>
Pemerkasaan Institusi Pengajian Tinggi di bawah Kerajaan Negeri	<ul style="list-style-type: none"> <li>Facilities physical upgrades for three State-owned institutions, namely UNISEL, UIS and STDC. The State provides funds for the institutions to carry out facilities repair or upgrading projects to ensure a conducive learning environment.</li> <li>In 2023, a total of RM9.99 million has been disbursed for upgrading works</li> </ul>
Program Pembangunan Remaja	<ul style="list-style-type: none"> <li><b>Seminar sessions will be conducted to educate teenagers on puberty and sexual safety</b></li> </ul>
Program Bantuan Sekolah Negeri Selangor	<ul style="list-style-type: none"> <li>A total 995 schools have received assistance to conduct repairs of school infrastructure in Selangor</li> </ul>
Bantuan Yuran Asas Universiti	<ul style="list-style-type: none"> <li>A special assistance to students in the State's Higher Education Institutions which includes UNISEL and UIS. The assistance amount is RM500 for each academic semester, with a maximum of 2 semesters a year.</li> <li>A total of 2,122 beneficiaries have received this assistance in 2023</li> </ul>
Iltizam Pendidikan Fardhu Ain	<ul style="list-style-type: none"> <li>A total of 22,226 students from B40 families have received monthly subsidy of RM30 for KAFA school fees</li> </ul>
Skim Pinjaman Teknologi Asas Selangor (SEPINTAS)	<ul style="list-style-type: none"> <li>A total of 958 students have received loans of refurbished computers to help those from low income families with home learning and studying</li> </ul>

Key achievement (2021-2023)
  Implementation in progress (As of 2023)
  Planned implementation (2024 onwards)
 \*A Game Changer PPI





## 5.3

# Issues and Challenges

### Poverty rate

Stronger efforts and focus are needed to address poverty and narrow inequality from a multidimensional perspective, end hardcore poverty, empower the B40 and support the M40 to achieve an inclusive society. Whilst median household income has seen a significant increase in Selangor, absolute poverty has shown a reduction from 1.7% in 2020 to 1.5% in 2022, whilst the relative poverty increased from 13.9% in 2020 to 14.2% in 2022. While pockets of urban poverty are observed in the urban areas, poverty is more prevalent in the rural regions. While the geographical development in these regions could uplift poverty through economic development in the long-term, efforts to educate and raise the income level in rural areas are still necessary. Furthermore, as Selangor moves towards an ageing state, with a growing percentage of the population aged 65 and above, there is a risk that poverty may worsen without a focused approach to address it comprehensively. This requires addressing income generation opportunities and social wellbeing, through catalysing care economy as well as providing sufficient support services and infrastructure necessary for the community. A proactive and multidimensional response is required to address poverty adequately as to not burden the next generation with increased financial responsibilities and the care of ageing parents.

### Performance in wellbeing and happiness

The Malaysia Happiness Index (MHI) published by DOSM in 2021 ranks the State across five scores and Selangor is ranked as moderately happy (5.74) compared to national average score (6.48). The two dimensions that challenges Selangor are public safety (5.35) and emotional experience (5.32). This index has only been published since 2021 and will need to be monitored in the future. Selangor will need to identify the root cause and explore ways to address the systemic issues.

### State-funded social programmes

While the State has a long list of social programmes, the size and numbers of beneficiaries are dependent on the allocated budget. To maximise the impact of these programmes on high-level outcomes such as poverty levels, it is crucial for Selangor to adopt a more targeted approach.

Selangor will undertake a comprehensive study on the effectiveness of the social programmes of the beneficiaries. By adopting a more comprehensive and evidence-based approach, the outcomes can ensure the sustainability and effectiveness of its social programmes in addressing poverty and social issues.

## 5.4 Way Forward

While the Economy theme aims to “raise the ceiling”, the Social theme is crucial to “lift the floor”. As Selangor aspires to be a high-income State, inclusive development and good wellbeing would mean enhancing high-quality income generation opportunities as well as safeguarding the basic needs for a family institution and an individual. Aside from the wider ecosystem development, the programmes undertaken needs to be more targeted and prioritised to move the needle on social parameters (e.g., increase in income, health and educational outcomes).

Ensuring inclusive development and wellbeing is a cross-cutting issue that requires strong economic performance and sustainable development led by good governance mechanisms. While Selangor’s household income has increased during the RS-1 period, bouncing back from post-COVID, there are still persisting pockets of absolute and relative poverty amongst the vulnerable groups

and multidimensional deprivation. Most of the efforts are operationalised programmes to ease the living costs across the basic needs in healthcare, childcare and education, as well as micro-financing schemes. The State agencies have been efficient in rolling out and implementing such programmes. Nonetheless, the State recognises that the impact is contingent on the budget allocation. This is exacerbated by increasing social programmes leading to thinning distribution of funds. Prioritising the most effective programmes for each focus area or target groups may be able to produce more tangible impact on the social indicators.

# 06

## Strategic Theme 3: Advancing Sustainability

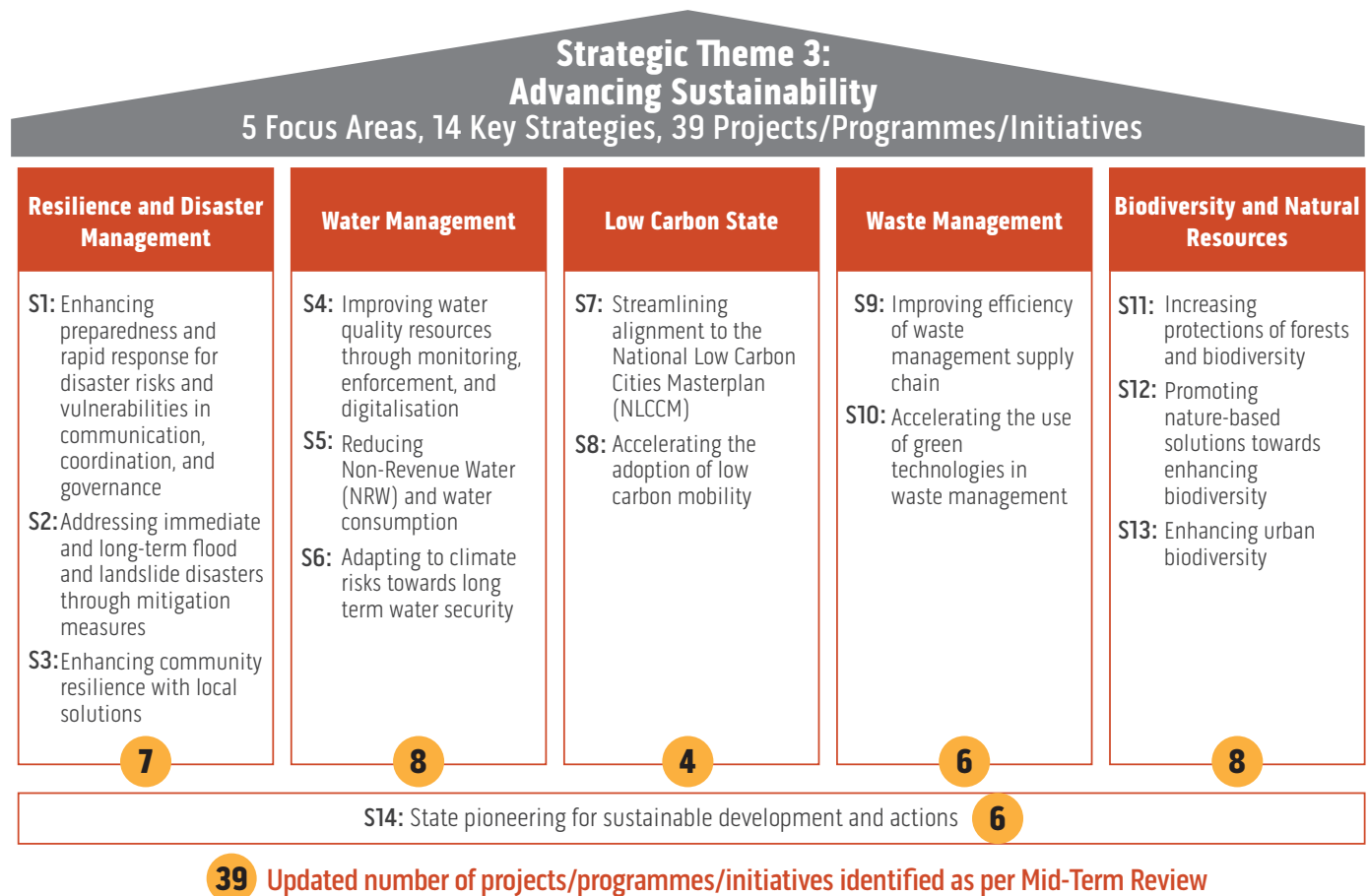
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# 6.1 Introduction

RS-1's Advancing Sustainability theme is designed to drive the State's sustainable development and resilience. The theme covers five focus areas to improve the State's overall sustainability by addressing

its concerns encompassing disaster preparedness and responsiveness, water quality and availability, GHG emissions, waste management and biodiversity conservation.

**Figure 6.1 Overview of the Strategic Theme 3**



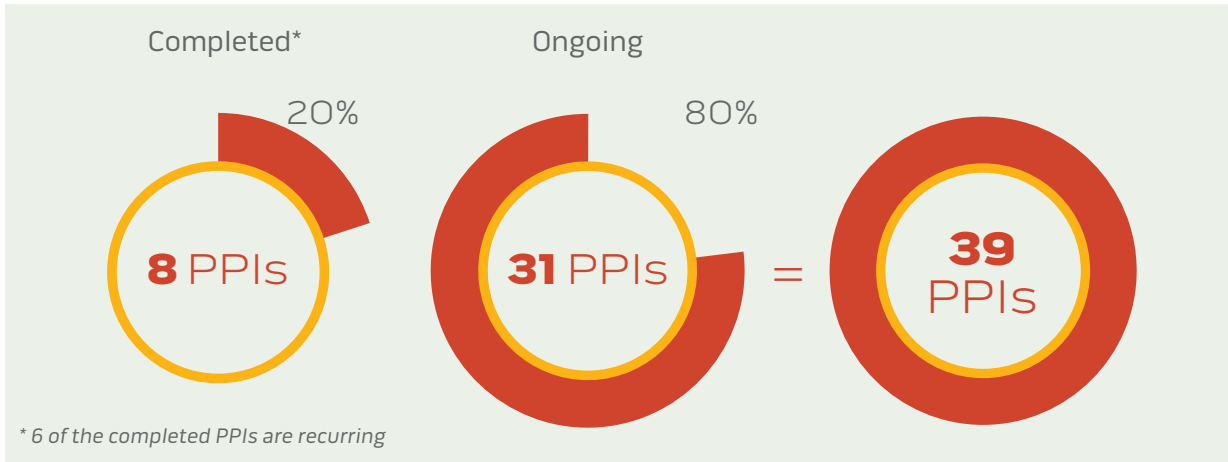
The MTR observed that all 14 strategies for the Sustainability Theme are progressing well with most of the PPIs primarily within the implementation phases. Despite some delays, PPIs implemented under each

strategy are broadly on track to meet their respective targets by the end of the RS-1 delivery period. However, some PPIs are still at the concept and initiation phase or design and planning phase.



## 6.2 Key Achievements and Progress

**Figure 6.2 Implementation status of Strategic Theme 3 PPIs**



### FOCUS AREA 1: RESILIENCE AND DISASTER MANAGEMENT

Resilience and disaster management is a critical focus area as Selangor is increasingly exposed to flooding risks, exacerbated by climate change. The 2022 flood costed Malaysia about RM622.4 million (equivalent to 0.3% of Malaysia GDP), including RM25.5 million in Selangor as the fourth-highest impacted state<sup>15</sup>. Therefore, the strategies in this focus area are to improve the capacity and capability in dealing with disasters at the state and local levels, establish sufficient mitigation measures to reduce the impact of disasters as well as to enhance the community preparedness.

The efforts in disaster risk reduction and disaster preparedness are addressed as a State in coordination with the local authorities by introducing disaster preparedness and awareness programmes, building new flood mitigation infrastructure and upgrading existing infrastructure. Most of the infrastructural works are still ongoing, particularly in Shah Alam and Klang. In 2024 alone, the State allocated RM68 million for the flood mitigation infrastructure works.

The State Government recently announced in the 2024 Selangor Budget has allocated RM1.4 million for the establishment of the District Disaster Operations Centre (DDOC) which will localise disaster mitigation planning and response in coordination with relevant agencies. Furthermore, the Selangor Climate Change Action Council (IKLIM SELANGOR) which was established in June 2022 is the main platform for policy setting and planning in relation to climate change as well as providing recommendations on issues and programs related to the environment in Selangor.

In order to ensure that mitigation and adaptation actions are carried out in a more orderly and strategic manner, the Climate Change Adaptation Center will be established as a center that supports the implementation of policies and programs/initiatives related to the environment and climate change as well as disaster management at the State level.

<sup>15</sup> DOSM 2023. Special report on the impact of floods in Malaysia in 2022.



## SPOTLIGHT: DISTRICT DISASTER OPERATIONS CENTRE (DDOC)

The first DDOC was launched on 2 November 2023 in the Petaling District and Land Office, working in conjunction with the Smart Selangor Operations Centre (SSOC).

The establishment of the DDOC is aimed to enhance the State's preparedness for future disasters, particularly during the monsoon season. Its operation will improve emergency response through real-time disaster related information gathering and dissemination to the community and relevant agencies.



The DDOC also utilises the SelGDX platform to obtain information from relevant agencies such as Malaysia's Department of Environment and the Malaysian Meteorological Department to swiftly gather data and plan ahead an appropriate response for any oncoming disasters.

In the next few years, the Selangor State Government also intends to establish more DDOCs in each district throughout Selangor. As disaster response is usually localised, the DDOC hopes to build community resilience and disaster preparedness.

Source: Selangor Journal

**Table 6.1: Ongoing PPIs under Resilience and Disaster Management focus area**

### Ongoing

Reassessment of existing drainage systems and catchment areas	<ul style="list-style-type: none"> <li>Three drainage systems and catchment areas upgrading projects completed</li> <li>Three projects are under construction and expected to be completed in 2024</li> <li>13 other identified projects will begin construction after 2023</li> </ul>
Implementation of flood mitigation infrastructure projects immediately	<ul style="list-style-type: none"> <li>23 flood mitigation projects completed</li> <li>Eight projects are under construction</li> <li>15 other identified projects will begin construction after 2023</li> <li>The State Government has also recently announced an allocation of RM65 million for flood mitigation through the employment of various programmes, developments and managements which highlights the State's commitments in reducing flood-related incidents in Selangor</li> </ul>
<i>Skuad Pantas Selangor</i>	<ul style="list-style-type: none"> <li>All 12 local authorities have established <i>Skuad Pantas</i> in line with the decision of the Selangor State Executive Council in 2013</li> <li>The "Guidelines for the Scope of Tasks of the <i>Skuad Pantas</i> at each Local Authority of the Selangor State" was distributed to each local authorities</li> <li>Improvements to the inter-agency communication system are planned to be implemented to expedite response times</li> </ul>
Establishment of District Disaster Operations Centre (DDOC)	<ul style="list-style-type: none"> <li>DDOC established in three districts (Petaling, Klang and Hulu Langat) in 2023</li> <li>Establishment of DDOC will be expanded to the other six districts by 2024</li> </ul>
Monitoring adherence of development projects to the <i>Manual Saliran Mesra Alam (MSMA)</i> for disaster mitigation	<ul style="list-style-type: none"> <li>About 2,500 proposed development project applications reviewed by <i>Jabatan Pengairan dan Saliran</i> in 2021-2023</li> <li>JPS will continue to review proposed development project applications guided by MSMA</li> </ul>
Disaster Preparedness and Awareness Programme	<ul style="list-style-type: none"> <li>Community-Based Disaster Risk Reduction Programme (CBDRR) modules developed in collaboration with Japan International Cooperation Agency (JICA) in 2022</li> <li>Training of Trainers conducted in 2022</li> <li>One pilot programme implemented in 2022</li> <li>CBDRR programme will be rolled out in all nine districts from 2024</li> </ul>
Disaster Management Action Plan development	<ul style="list-style-type: none"> <li>The State Government plans to develop the plan to serve as a supplementary guidance on the State's plans to better manage disasters</li> </ul>

● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI



## FOCUS AREA 2: WATER MANAGEMENT

Selangor is dedicated to ensuring good water quality, availability and security to reduce incidents of unscheduled water disruptions resulting from raw water pollution. Therefore, the strategies under the focus area were designed to improve the water quality, availability and sustainability by preventing pollution in the water source, reducing leakage through infrastructure enhancements and encouraging behavioural change in water usage and conservation.

Most of the PPIs are progressing well into the implementation phase and water management is one of the best performing focus areas, already yielding positive impacts. One of the most notable changes is the adoption of the polluters pay principle through the proposed gazette of the Discharge of Return Water, and Entry or Discharge of Waste and Pollutants (State of Selangor) Licensing Regulations 2024 which will impose fees to the pollutants. Selangor is one of the first states in Malaysia to introduce such legislation. Another closely associated PPI is the cleaning of polluted rivers in Selangor which is largely driven by the prevention of intrusive activities in water catchment forest areas under the biodiversity and natural resources

focus area. River cleaning and rehabilitation is another aspect, as seen in the SMG Integrated Water Resource Management initiative. Originally focusing primarily on river cleaning and rehabilitation, the scope expanded to include the sustainable management of water resources in the Sungai Klang basin to achieve Class 2 of the Water Quality Index (currently at Class 3 except for Sungai Udang Jetty which is at Class 1). At the same time, the infrastructure also works to increase the carrying capacity of the Sungai Klang to prevent flooding.

Increasing water reserve margin is an ongoing critical effort of Selangor to ensure water security. Once operational in Quarter 3 2025, the Rasau Water Supply Scheme will increase the water reserve margin for Selangor, Kuala Lumpur and Putrajaya to 15.6%. It will be an increase from the 13.8% as of October 2023. Besides that, other WTPs such as Langat 2 Phase 1 WTP's distribution of water supply works are ongoing. Finally, the State Government started to mainstream climate resilience through water security, beginning with the review of the Integrated River Basin Management Plan (IRBM) Sungai Langat and the Sungai Selangor (2022-2030).



### SPOTLIGHT: WATER RESOURCES ASSURANCE SCHEME (WARAS)

Selangor has resolved to implement both long-term and short-term measures to address the shutdown of water treatment plants (LRA) due to raw water source pollution incidents and to ensure water sustainability for users under the Water Resources Assurance Scheme (WARAS). The planning under WARAS comprises two phases: Phase 1 addresses water pollution issues in the Selangor River, and Phase 2 ensures the adequacy of raw water during the dry season.

WARAS Phase 1, scheduled to be fully completed by the end of 2024, will benefit the public by ensuring the continuous availability of water supply even if raw water source pollution occurs in the Selangor River and Langat River. The total cost of implementation is RM320 million.

As for WARAS Phase 2, the State Government focuses on a holistic Water Resource Management Program to ensure sufficient water reserves to meet demand at that time. The Selangor State Government will utilize all existing reservoirs and lakes in Selangor as alternative water sources during the dry season, in addition to the existing reservoirs under the Operation of Pumped Storage Ponds (OPAK).

**Table 6.2: Ongoing PPIs under Water Management focus area**

**Ongoing**

Digitalisation of Water Resource Monitoring	<ul style="list-style-type: none"> <li>Signing of a Memorandum of Understanding (MoU) on data sharing through the Integrated Water Resources Information Management System (IWRIMS) portal established between <i>Jabatan Pengairan dan Saliran (JPS)</i>, <i>Jabatan Alam Sekitar (JAS)</i>, <i>Landasan Lumayan Sdn Bhd</i>, <i>Air Selangor</i> and <i>Jabatan Meteorologi Malaysia</i></li> <li>Four telemetry stations developed as an early warning system for pollution accidents (two in Sungai Langat river basin and two in Sungai Selangor river basin) in 2023</li> <li>Ongoing testing and commissioning of the stations</li> <li>The telemetry station in Sungai Gong is in development</li> </ul>
Friends of River Selangor	<ul style="list-style-type: none"> <li>Supports 33 Friends of River communities which carries out preservation and restoration activities on 33 rivers and river streams on a voluntary basis</li> <li>Upgrading the web application to better record and update preservation and restoration activities</li> </ul>
Selangor Maritime Gateway (SMG) - Sungai Klang Cleaning and Rehabilitation*	<ul style="list-style-type: none"> <li>Completed Hydraulic and Hydrology design</li> <li>Package 1 of the Sungai Klang (Block 1 and 3) is undergoing widening and deepening along with structural work for slope strengthening and bund construction</li> <li>Widening and deepening of Package 2 of the Sungai Klang (Block 2 and 4) will begin post-2025</li> </ul>
Development of new water supply schemes and water treatment plants*	<ul style="list-style-type: none"> <li>Completed the construction of the Labohan Dagang Phase 1 WTP along with distribution pipes in December 2022 and is now operational</li> <li>Ongoing construction of the Langat 2 Phase 1 WTP and the Sungai Rasau Stage 1 WTP is slated to be completed and operational by Quarter 1 2024 and Quarter 4 2025 respectively</li> <li>The State will receive an allocation of RM1.8 billion from the federal government for the development of the sourceworks for the Sungai Rasau Stage 1 WTP. Air Selangor will also allocate about 3.4 billion for the project</li> <li>The development of the Sungai Rasau Stage 1 WTP is estimated to increase the water supply reserve margin for all of Selangor, Kuala Lumpur and Putrajaya to 15.6%</li> <li>Once completed, the Scheme will have the capacity of 1,400 litres of clean water per day through the nine dual-function Off-River Storage (ORS). The ponds will function as retention ponds for flood mitigation, as well as a vital source of raw water to the Rasau Water Supply Scheme</li> </ul>
Holistic integrated water resource management study for long-term water security with regards to climate change	<ul style="list-style-type: none"> <li><i>Lembaga Urus Air Selangor (LUAS)</i> prepared a review of the Integrated River Basin Management Plan (IRBM) for Sungai Langat and the Sungai Selangor (2022-2030) in March and April 2022 respectively</li> <li>The IRBM Plan for Sungai Klang (2023 - 2030) was also recently completed</li> <li>The activities under the IRBM Plan for Sungai Langat and Sungai Selangor are currently being carried out accordingly</li> <li>The activities under the IRBM Plan for Sungai Klang will be carried out starting 2024</li> </ul>
Non-revenue water (NRW) reduction programme	<ul style="list-style-type: none"> <li>Reduction of NRW from 28.53% (2020) to 27.75% (2023)</li> <li>Pipe Burst Index reduced from 8 number of cases/100km/year (2020) to 4.2 number of cases/100km/year (2023)</li> <li>183 km pipe length replaced between 2022 (112.35km) to 2023 (70.4km)</li> <li>Cumulatively, 440 km pipes to be replaced by 2025</li> <li>Achieve NRW reduction of 27.8% by the end of 2023 and 27.5% by 2025</li> </ul>
Water conservation programmes and initiatives	<ul style="list-style-type: none"> <li>100% of the planned campaigns for 2023 completed</li> <li>At least 20 water conservation programmes are planned to be carried out annually</li> </ul>
Implementation of the Polluter Pay Principle and Zero Discharge Policy	<ul style="list-style-type: none"> <li>The Polluter Pay Principle and Zero Discharge Policy will be implemented in collaboration with the local authorities following the gazettelement of the Discharge of Return Water, and Entry or Discharge of Waste and Pollutants (State of Selangor) Licensing Regulations 2024</li> </ul>

Key achievement (2021-2023)
  Implementation in progress (As of 2023)
  Planned implementation (2024 onwards)
 \*A Game Changer PPI





## FOCUS AREA 3: LOW CARBON STATE

Aligned with Malaysia's goal to be net-zero by 2050, Selangor announced its commitment to the aspiration. This is monumental and significant as Malaysia's achievement of the net-zero target will depend on how Selangor, as one of the most industrialised state, transitions its energy and economic structure.

During the review period, the focus has been on setting the right and solid foundation for the implementation of net-zero and green growth strategies. While the Economy theme focuses on creating green markets, the Sustainability theme aims to increase the renewable share in the energy generation mix, encouraging low-emission mobility and formulation of new policies and regulations to enable stronger and more cohesive implementation.

The low carbon state focus area demonstrates significant involvement of the local authorities at the district level through localised climate actions. For example, the establishment of the baseline GHG emissions is done with the local authorities. Therefore, streamlining and alignment becomes critical to develop a GHG inventory system. The adoption of low carbon mobility by introducing walkways, cycling lanes

and EV charging stations are within the agenda of the local authorities too. The expansion of the EV charging network involves multiple stakeholders, which MBI is actively coordinating and establishing collaboration with strategic partners. Such efforts do not just reduce GHG emissions but offer multiple co-benefits such as improving air quality. Hence, the macro-indicator introduced is related to air quality (reduction in PM2.5).

In support of the NETR, the State Government announced the Net Zero Energy Vision 2040 by one of its major subsidiaries, Air Selangor. The initiative was launched recently and aims to generate 1,460 gigawatt hours of green electricity annually by 2040. It is estimated that the initiative will avoid 138,800 tonnes of carbon emission as well as reduce the Corporate Energy Index for Air Selangor by 15% in 15 years. The signing of a Tripartite Memorandum of Understanding (MOU) between the State of Selangor with Tenaga Nasional Berhad is also seen as a strategic collaboration in exploring new energy towards achieving the net zero target. These activities will serve as a stepping stone towards transitioning Selangor into becoming a Low Carbon State and become the most advanced state in applying the green economy.

**Table 6.3: Ongoing PPIs under Low Carbon State focus area**

### Ongoing

Pulau Indah Power Plant (PIPP)*	<ul style="list-style-type: none"> <li>Overall, 98.34% completion on the construction of the PIPP has been achieved including a 500kV Transmission Line and Petronas Gas Metering Station</li> <li>Back Energisation was completed in October 2023 for Block 1 and February 2024 for Block 2</li> <li>PIPP is currently undergoing testing and commissioning and is targeted to begin commercial operation in Quarter 4 of 2024</li> </ul>
Developing GHG inventory system for Selangor*	<ul style="list-style-type: none"> <li>GHG (or at the minimum, carbon) emissions baseline established by seven local authorities based on the National Low Carbon Cities Framework (LCCF)</li> <li>Selangor is in the process of evaluating and reviewing technical details in terms of system capabilities, functions, storage, funds and the role of local authorities for the inventory system that will be developed</li> <li>MGTC is currently developing a GHG inventory system for <i>Majlis Perbandaran Sepang (MPSp)</i> and <i>Majlis Perbandaran Selangor (MPS)</i> based on the LCCF</li> <li><i>Seksyen Pihak Berkuasa Tempatan, Unit Perancang Ekonomi Negeri Selangor (SPBT, UPEN)</i> and <i>SSDU</i> are evaluating the suitability of a digital GHG inventory platform adopted at the State-level and adopted by the 12 local authorities for data and reporting standardisation</li> </ul>

## Ongoing

- |   |  |
|---|--|
| <p>Selangor Mobility Programme (formerly Adoption of the national Low Carbon Mobility Blueprint for Statewide implementation)</p> | <ul style="list-style-type: none"> <li>▪ 194 EV charging stations have been installed by the State Government throughout Selangor</li> <li>▪ 100 km of walking and cycling lanes is planned to be developed by 2025</li> <li>▪ The State will address first and last mile connectivity under the Selangor Mobility Programme. It is piloting the Demand Responsive Transit (DRT) through the proof-of-concept, complemented by enhancing the walkways. To implement these, the State has committed RM5 million towards the DRT pilot</li> <li>▪ Selangor will install 1,000 EV charging stations by 2025 and 4,000 stations by 2030</li> </ul> |
| <p>Net Zero Cities Selangor 2050</p>  | <ul style="list-style-type: none"> <li>▪ The development of the plan is expected to begin after the completion of the GHG inventory system</li> </ul>  |

- Key achievement (2021-2023)
  Implementation in progress (As of 2023)
  Planned implementation (2024 onwards)
 \*A Game Changer PPI



## FOCUS AREA 4: WASTE MANAGEMENT

Selangor has been intensifying its efforts in waste management from the regulatory and infrastructure perspectives, addressing issues such as waste reduction and better waste management. The daily solid waste generation in Selangor currently stands at about 7,700 tonnes per day.

One of the main approaches to divert solid wastes from the landfill is through the development of

Waste-to-Energy (WTE) plants to generate electricity. Currently, Selangor is on track to achieve commercial operations for two out of the three WTE plants in development by Worldwide Holdings. Another WTE plant will be developed by KDEB Waste Management (KDEBWM) which has the potential to generate 58 megawatts of electricity from 2,400 tonnes of solid waste daily.




**Table 6.4: Ongoing PPIs under Waste Management focus area**
**Ongoing**

Development of the Selangor Solid Waste and Public Cleansing Master Plan ( <i>Pelan Induk Sisa Pepejal dan Pembersihan Awam Negeri Selangor, PISPPANS</i> )	<ul style="list-style-type: none"> <li>• PISPPANS has been developed and serves as the State's master plan for improving solid waste management and public cleaning operations</li> </ul>
Centralise and coordinate scheduled, industrial and commercial waste collection	<ul style="list-style-type: none"> <li>• Currently in the process of obtaining approval from MMKN to allow a legal mandate of centralised and coordinated collection of scheduled, industrial and commercial waste</li> </ul>
Developing Material Recovery & Collection Facilities (MRCF) in every district	<ul style="list-style-type: none"> <li>• Currently three MRCFs, one Buy-Back Community Recycling Centre, three Drop-Off Recycling Centres and one Automatic Drive-Through Recycling Centre (ADTREC) amounting to eight Recycling Centres are operated by KDEB Waste Management (KDEBWM), amounting to 60 tonnes of collection capacity per day</li> <li>• KDEBWM is in the process of developing five other Recycling Centres, including two ADTRECs and three Buy-Back Community Recycling Centre or Drop-Off Recycling Centre</li> <li>• By 2025, Selangor aims to have 150,090 tonnes of collection capacity per day</li> </ul>
Prioritise efforts on separation at source and 3R (reduce, reuse, recycle) programmes	<ul style="list-style-type: none"> <li>• Selangor achieved a recycling rate of 8.24% for all types of waste with the primary contributors being MBSA and MBSJ</li> <li>• Selangor has actively conducted recycling awareness programmes having conducted a total of 623 programmes in 2023 across all its local authorities</li> <li>• The State intends to develop a recycling facility in every district through collaboration with KDEBWM</li> <li>• Selangor targets to achieve a 15% domestic solid waste recycling rate by 2025</li> </ul>
Development of Integrated Solid Waste Management Centre (ISWMC) with a Waste-to-Energy (WTE) treatment plant*	<ul style="list-style-type: none"> <li>• The construction of the WTE plant in Jeram commenced on 1 August 2023. A groundbreaking ceremony was also held on 17 October 2023.</li> <li>• The project is progressing accordingly and is expected to achieve commercial operations by 2025</li> </ul>
Sultan Idris Shah Green Energy Plant (SISGEP)	<ul style="list-style-type: none"> <li>• The State Government announced plans on establishing the SISGEP to be developed by KDEBWM employing WTE technology which will have the capacity to manage 2,400 tonnes of solid waste daily to generate 58 megawatts of energy</li> </ul>

● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI



## FOCUS AREA 5: BIODIVERSITY AND NATURAL RESOURCES

The biodiversity and natural resources focus area aims to maintain the permanent reserve forests and to increase biodiversity of flora and fauna as well as tree covers. This

can be strengthened through formulation and enforcement of regulations to prevent forest loss or intrusive activities as well as restoration of degraded forests.



### SPOTLIGHT: ROYAL SELANGOR HERITAGE FOREST



The establishment of the Royal Selangor Heritage Forest (RSHF), covering 108,000 hectares stems from DYMM Sultan Sharafuddin Idris Shah's unwavering commitment to environmental conservation, research, education, recreation and ecotourism. This significant initiative encompasses approximately 26 permanent forest reserves situated in Hulu Selangor, Batang Kali, Hulu Gombak and Hulu Langat.

Classified as a State Park under the protected forests category as per Section 10 of the Enactment (Application) of the Selangor State Forestry Act 1985, the RSHF is poised to play multifaceted roles. It is envisaged as a critical water catchment area, providing a habitat for diverse flora and fauna and acting as a natural solution for erosion and flood control. Additionally, it serves as a crucial carbon sink, contributing significantly to the region's efforts in combating climate change.

This initiative comes at a pivotal time as global concerns about environmental sustainability and climate change continue to escalate. The RSHF, with its expansive reach and comprehensive objectives, stands as a testament to Selangor's proactive stance in addressing these challenges and safeguarding the State's environmental legacy for future generations.



Source: Selangor Journal


**Table 6.5: Ongoing PPIs under Biodiversity and Natural Resources focus area**
**Ongoing**

Enhancing urban biodiversity through the development of urban green spaces	<ul style="list-style-type: none"> <li>Currently, Selangor has 77 urban green spaces established within the State with 160.7 hectares of the area gazetted.</li> </ul>
Control development on peatlands subject to its terms and conditions set by State and local authorities	<ul style="list-style-type: none"> <li>The State actively ensures that all development on peatlands abides by the Selangor Guidelines for Development in Peatland Areas and enforces it through their Technical Committee for Development of Environmentally Sensitive Areas (<i>Jawatankuasa Teknikal Pembangunan Kawasan Sensitif Alam Sekitar, JTPKSAS</i>)</li> <li><i>Jabatan Perhutanan Negeri Selangor (JPNS)</i> is developing the Integrated Management Plan for South Selangor Peat Swamp Forests (IMP-SSPSF) as well as reviewing the existing Integrated Management Plan for North Selangor Peat Swamp Forests (IMP-NSPSF)</li> </ul>
Prevent intrusive activities in water catchment forest areas	<ul style="list-style-type: none"> <li>The State continuously makes an effort to retain 44,606.78 hectares of water catchment areas through gazettelement, which has been completed under the enactment of the State Forestry Act (<i>Enakmen Akta Perhutanan Negeri, EAPN</i>) 1985</li> <li>The State agencies, namely JPNS and LUAS, routinely conducts enforcement patrols and activities within their respective jurisdiction</li> </ul>
Maintenance of at least 31% permanent forest reserve areas of total State land	<ul style="list-style-type: none"> <li>Currently, Selangor's permanent forest reserves account for 250,987.12 hectares (31.7%) of the State's land area</li> <li>The State intends to maintain a minimum 250,250.33 hectares of permanent forest reserve area until 2030 which is where it currently stands</li> </ul>
Selangor Central Forest Spine (CFS) Management Plan 2020 - 2029	<ul style="list-style-type: none"> <li>Selangor introduced the CFS Management Plan as well as the establishing implementation and steering committees to drive the plan's execution</li> <li>The committees are currently implementing the plan whereby 28% of the listed projects or KPIs has been completed and an achievement of 50% is targeted by 2025</li> </ul>
Gazettelement of environmentally -sensitive areas for government land according to its type	<ul style="list-style-type: none"> <li>Considering that there are four local authorities in Selangor which are within the Central Forest Spine (CFS) areas, the State has gazetted CFS areas in three out of the four local authorities, namely <i>Majlis Perbandaran Hulu Selangor (MPHS)</i>, <i>Majlis Perbandaran Kuala Selangor (MPKS)</i> and <i>Majlis Daerah Sabak Bernam (MDSB)</i>, through their respective Local Plans</li> <li>The State is in the process of gazetting one more of the CFS areas, <i>Majlis Perbandaran Kajang (MPKj)</i> through its Local Plan</li> <li>The State is planning to gazette the CFS areas through the development of Special Area Plan (<i>Rancangan Kawasan Khas</i>) which takes into consideration the CFS Ecological Framework</li> </ul>
Selangor Carbon Programme (formerly Leveraging existing voluntary carbon market (VCM) standards for Selangor's natural resources)	<ul style="list-style-type: none"> <li>LLSB developed and launched a framework for the Selangor Carbon Balance and Management Programme. This is a pilot project to demonstrate the feasibility of carbon credits generation through mangrove restoration</li> <li>The first phase of the pilot project will restore about 70 hectares of degraded mangrove forest within the SMG and certify the project for carbon credits. LLSB is identifying a consultant or a partner to assist in the assessment of available carbon stock in Selangor as well as to submit the project design document for certification and verification</li> <li>LLSB intends to scale the project with increased acreage depending on the outcomes of the pilot project</li> </ul>
Selangor Royal Heritage Forest	<ul style="list-style-type: none"> <li>The Selangor Royal Heritage Forest was recently declared open by the Sultan of Selangor, DYMM Sultan Sharafuddin Idris Shah</li> <li>The launch of the Master Plan for the Development of the Selangor Royal Heritage Forest was done concurrently during the opening of the forest</li> <li>The State plans to implement the development of the facilities listed in the master plan starting 2025 until 2030</li> </ul>

● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI



## CROSS-CUTTING PROJECTS, PROGRAMMES AND INITIATIVES

Cross-cutting PPIs cover sustainable development and actions pioneered by the State Government which cut across the five focus areas. Selangor released its first Voluntary Sub-National Review (VSR) Selangor to communicate how Selangor and its local agencies and authorities localised SDGs. Selangor also distributed Small Environmental Grants (*Geran Kecil Alam Sekitar*, GKAS) and Small Green Technology Grants (*Geran Kecil*

*Teknologi Hijau*, GKTH) annually since 2018 to increase the communities' awareness and understanding towards the importance of environmental conservation as well as encourage the use of green technologies to improve sustainability. One notable ambition is the commitment to plant 11 million trees throughout Selangor to enhance urban biodiversity.

**Table 6.6: Completed and ongoing PPIs under Cross-cutting Projects, Programmes and Initiatives focus area**

### Completed

Small Environmental Grants and Small Green Technology Grants	<ul style="list-style-type: none"> <li>Successfully disbursed a total of RM1.3 million to grant applicants for both GKAS and GKTH in an effort to progress the State's sustainability efforts</li> </ul>
Voluntary Sub-National Review (Selangor)	<ul style="list-style-type: none"> <li>The Selangor Voluntary Sub-National Report was published in 2022 and presented at the 11th World Urban Forum in Poland as well as at the High Level Political Forum (HLPF) in New York 2023</li> <li>Three local authorities have published their respective Voluntary Local Review (VLR), including MBSA, MBSJ and MPSP</li> <li>Seven additional local authorities are drafting their VLRS</li> </ul>

### Ongoing

Water efficiency programme at government and State-owned entities premises	<ul style="list-style-type: none"> <li>Selangor installed a total of 80 rainwater harvesting installations throughout its State-owned premises</li> <li>The State has been actively implementing water efficiency programmes throughout its 12 local authorities and will extend the programmes to be implemented by their nine district and land offices (<i>Pejabat Daerah dan Tanah</i>, PDT)</li> <li>The State aims to expand the number of rainwater harvesting system installations outside of their State-owned premises, targeting an annual installation of 1,000 systems</li> </ul>
Promoting green buildings to reduce operational and embodied carbon impacts in State-owned buildings	<ul style="list-style-type: none"> <li>Successfully installed 11 PV systems throughout its State-owned premises</li> <li>As part of its efforts to reduce its operational carbon, the State is establishing an electric usage baseline to better monitor and intervene to manage demand</li> <li>The State intends to install renewable energy infrastructures in its subsidiary company, Air Selangor, to reduce a total of 2 million tonnes of carbon emissions within 30 years</li> </ul>
Emphasise sustainable design principles to create safe and sustainable cities in Selangor	<ul style="list-style-type: none"> <li>The State installed a total of 722 closed-circuit television (CCTV) cameras to better ensure the safety of its citizens</li> <li>Together with the 12 local authorities, the State is coordinating implementation of the Safe City Programme to better improve its community's safety and sense of security through safer urban designs and infrastructure</li> <li>Selangor announced plans to plant 11 million trees with a budget allocation of RM500,000</li> </ul>
Improving energy efficiency of government transport fleets	<ul style="list-style-type: none"> <li>The State has successfully replaced 10% of its transport fleets with either energy efficient vehicles (EEV), EV, hybrid electric vehicles (HEV) or plug-in hybrid electric vehicles (PHEV) as per the 2024 Selangor Budget</li> <li>The State achieved 10% of its target of installing one EV charging station at each of the local authorities and the district and land offices</li> <li>Moving forward, government transport fleets that are phased out will be replaced by EVs</li> </ul>

● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI



## 6.3

# Issues and Challenges

### **Recurrent flooding and rapid urban development**

To mitigate disaster risks such as flooding, Selangor has made significant investments in disaster risk mitigation, for example, in constructing flood barriers. However, the increasing frequency of flooding requires further efforts from the State to prevent them. Existing buildings and development being located in flood-prone areas as well as drainage systems that are often clogged by wastes are among the challenges that need to be addressed.

The lack of manpower to enforce regulations and combat illegal waste disposal activities are one of the factors that hampers the State's efforts in tackling the illegal waste disposal sites issue. Aside from infrastructural upgrade as well as river widening and cleaning, Selangor needs to take actions to ensure urban development is done in a sustainable manner and appropriate measures are taken to avoid intrusion into water catchment areas.

### **Lack of a systems approach to address sustainability**

Selangor aims to address environmental sustainability issues from a siloed approach to a systems approach by addressing the root causes of sustainability challenges by developing comprehensive strategies. A systems approach in tackling carbon emissions will also benefit the public by improving air quality. Additionally, renewable energy generation will also aid in addressing carbon emission issues to create a more sustainable environment. Similarly, an integrated systems approach to waste management can reduce solid waste production, collection and disposal through activities such as waste recycling that contributes towards resource recovery.

### **Limited data and capacity in emerging climate issues**

As climate change continues to present new and complex challenges, there is a need for accurate and up-to-date data to understand and address these issues effectively. The availability of data is often limited, making it difficult to develop targeted strategies and policies.

Additionally, more advanced institutional capacity and expertise are required to analyse and interpret the data effectively and with high quality. To overcome these challenges, Selangor will prioritise the development of a system to undertake activities related to data collection, interpretation, and analysis. Human capital development is also needed to tackle emerging climate issues and ensure a sustainable and resilient future.

## 6.4 Way Forward

During the RS-1 review period, most of the PPIs have been successfully completed or are currently being implemented. Despite that, the main challenge that Selangor faces is the dilemma in balancing economic growth and environmental protection. Rapid development and constraints in enforcement of environmental legislations have had adverse impacts.

Intervention efforts have been focused on the state's capacity to face disaster and climate change issues such as introducing relevant policy and regulatory framework. Additionally, efforts on strengthening disaster-resilient physical infrastructure are also prioritised. The use of information technology plays a crucial role in providing early warnings to relevant agencies to mitigate the disaster risks towards the community.

Local authorities play a pivotal role in realising sustainable development through urban planning and design. Sustainable urban design is among the factors that can nudge residents to change their behaviour and lifestyle. All of these efforts will enable Selangor to be a low carbon and resilient state.





# 07

## Strategic Theme 4: S.M.A.R.T. and Effective Governance

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# 7.1 Introduction

Strategic Theme 4 focuses on S.M.A.R.T. and Effective Governance that leverages technology and data-driven strategies to enhance service delivery, improve evidence-based policymaking and ensure accountability in the government administration. This theme consists

of five focus areas which play a crucial role in shaping the Selangor State governance landscape, striving for excellence in managing public affairs and serving the people. A total of 12 main strategies are implemented through 52 PPIs to achieve these objectives.

**Figure 7.1 Overview of the Strategic Theme 4**



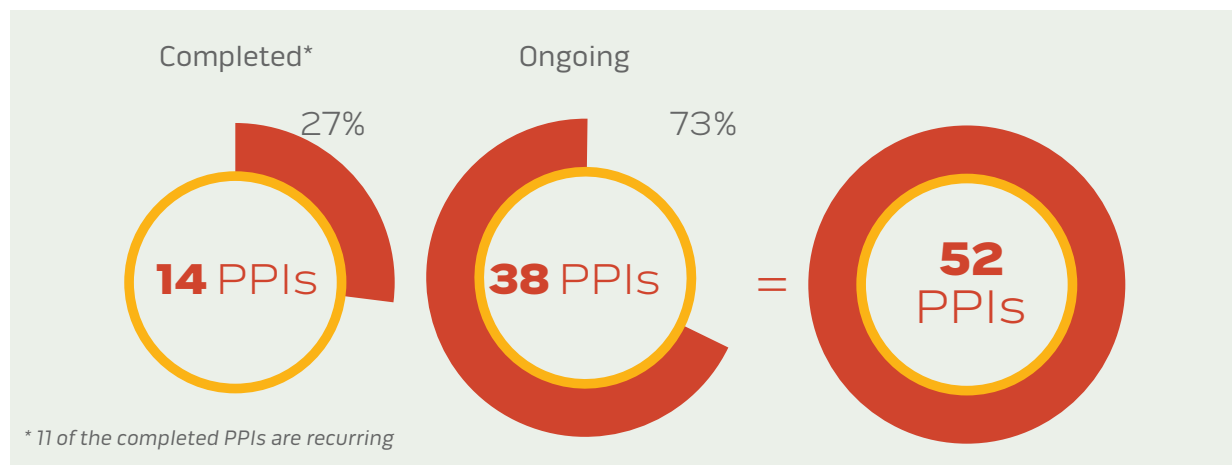
Generally, PPIs implemented under the S.M.A.R.T. and Effective Governance theme are on track to meet their targets by the end of RS-1 delivery period despite some implementation delays. The MTR found that the

progress of all Key Strategies is on track. Most PPIs are currently being implemented and monitored by their owners while some are at the concept and initiation or design and planning phase.



## 7.2 Key Achievements and Progress

**Figure 7.1 Implementation status of Strategic Theme 4 PPIs**



### FOCUS AREA 1: STRATEGIC ALIGNMENT OF GOALS AND POLICIES

Strategic alignment of goals and policies is pivotal in encouraging close collaboration and coordination amongst different stakeholders in Selangor. Sharing common goals and objectives creates a unified approach within the State Government where efforts are synchronised by pooling resources, sharing information and leveraging expertise to minimise redundancy and maximise the collective impact of the initiatives undertaken.

Among the initiatives undertaken in this focus area, two PPIs are recognised as game changers. SIAP was established to monitor, evaluate and report RS-1 delivery as well as track and collect data on initiative implementation to ensure initiative owner and stakeholder accountability and identify implementation bottlenecks. These bottlenecks are discussed with the implementing agencies, CORE working committee and key decision makers for solutioning. During the 2024 Selangor Budget tabling, it was announced that RM1 million will be allocated to improve SIAP's functions and capacity as the primary oversight unit for RS-1 delivery.

As indicated in the Sustainability theme, compliance to the local development plans are critical to avoid urban sprawl and development in the environmentally sensitive areas as well as to enable more coordinated development throughout the State. Therefore, the gazettelement and follow-through of the local and State plans is an essential process. Even within the review period, there are discussions to better align digital and physical systems amongst the local authorities e.g., the i-Sekat system to be streamlined as the main platform instead of 12 individual systems in the future.

Another case in point is the establishment of the Selangor Greater Klang Valley as announced in the 2024 Selangor Budget, using a metropolitan development model to govern Subang Jaya, Shah Alam, Petaling Jaya and Klang. The plans to enact the Selangor Greater Klang Valley Bill aim to streamline the business applications, licensing and approval process by local authorities and rejuvenate mature cities as well as to optimise government resources and prevent overlaps in responsibilities. The establishment of the new regional authority will accelerate the State's ambition towards becoming Malaysia's first metropolis.

**Table 7.1: Ongoing PPIs under Strategic Alignment of Goals and Policies focus area**

Ongoing

Annual Progress Review of Rancangan Selangor Pertama (RS-1)*	<ul style="list-style-type: none"> <li>SIAP coordinates timely reporting from all the project owners of the RS-1 to track implementation status</li> <li>Designing a digital dashboard for better monitoring and analysis of the performance of each themes and focus areas while linking it with the macro-indicators</li> <li>Three CORE meetings and one presentation to MTES and MMKN on RS-1 implementation status and overall achievement will be done annually by SIAP</li> </ul>
Preparation of Local Plans (Rancangan Tempatan)	<ul style="list-style-type: none"> <li>Eight local authorities have completed and gazetted their new Local Plans, aligned to the RSNS 2035</li> <li>Four local authorities, namely MDSB, MPAJ, MPKS and MPSp, are currently drafting their new Local Plans to be aligned to RSNS 2035, expected to be gazetted by 2025</li> </ul>
Expedite implementation of Centralised Government Digital Procurement	<ul style="list-style-type: none"> <li>A key milestone is achieved in the front-end of the procurement service with a fully digitalised tender announcement and tender results notification service</li> <li>The end-to-end Selangor Online Tender System, which includes the entire value chain will be expanded in 2024 (from tender procurement to tender submission and final results notification) with 100% uptake by all State agencies by 2025</li> </ul>
Extend <i>i-Sekat</i> system to all local authorities	<ul style="list-style-type: none"> <li>All 12 local authorities are expected to align and streamline with one <i>i-Sekat</i> system by 2025 instead of multiple platforms for better user experience and convenience</li> </ul>
Review of the Selangor State Structure Plan 2035 (Rancangan Struktur Negeri Selangor, RSNS)	<ul style="list-style-type: none"> <li>The amendment document of RSNS 2035 is currently being drafted, to be gazetted by 2025</li> </ul>
Establishment of Central Risk Management Committee (RMC)*	<ul style="list-style-type: none"> <li>The RMC is planned to be established in 2024</li> <li>Two workshops to coordinate and develop Selangor State Risk Management Action Plan (<i>Pelan Pengurusan Kawalan Risiko Peringkat Negeri Selangor</i>) with all State departments and agencies are planned to be conducted in 2024 and 2025 respectively</li> </ul>

**Table 7.2: New PPI under Strategic Alignment of Goals and Policies focus area**

New

Selangor Greater Klang Valley Enactment	<ul style="list-style-type: none"> <li>Gazettement of the Selangor Greater Klang Valley (SGKV) Enactment in 2025</li> <li>Form the SGKV Development Council once the Enactment is passed</li> </ul>
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● Key achievement (2021-2023)    
 ● Implementation in progress (As of 2023)    
 ● Planned implementation (2024 onwards)    
 \*A Game Changer PPI





## FOCUS AREA 2: MANAGING PERFORMANCE AND ACCOUNTABILITY

Performance management is pertinent in gaining trust from the *rakyat*, investors and other stakeholders of the State. Initiatives undertaken under this focus area are to ensure higher success of policy implementation and service delivery quality across the State.

Selangor's commitment to transparency and openness is evident through the regular publication of state-level reports such as the official State annual reports and the State Secretary Office Strategic Plans as the main supporting document for RS-1 delivery. The sustainability performance of the local authorities is also benchmarked and published through MURNInets.

There is a strong push towards preventing corruption particularly amongst the subsidiaries within the MBI. While the PPI on integrity and governance policies of MBI subsidiaries has completed, the newly introduced programmes on Organisational Anti-Corruption Plan (OACP) will be introduced throughout the 44 State departments and agencies. The development of the Policy for Integrity and Governance and the Integrity Governance Communications Plan is envisioned to strengthen integrity across State GLCs. This will follow the Malaysian Anti-Corruption Commission's (MACC) guidelines through the establishment of Corruption Risk Management (CRM) and OACP at agency level.

**Table 7.3: Completed and ongoing PPIs under Managing Performance and Accountability focus area**

### Completed

Integrity and Governance Policies of MBI subsidiaries	<ul style="list-style-type: none"> <li>Completed the development of the Integrity and Governance Policies in 2021 and the Integrity and Governance Communications Plan in 2022</li> <li>Concluded 93 anti-corruption oath ceremonies with MBI subsidiaries and briefing sessions on the refinement requirements of MBI's and its subsidiaries' respective CRM and OACP in 2022</li> <li>Conducted an in-house Certified Integrity Officer Course to get all MBI Liaison Officers certified by MACC as an integrity officer as well as to abide by MACC's guidelines</li> </ul>
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### Ongoing

Construct formal State Governance Perception Indicator	<ul style="list-style-type: none"> <li>The public satisfaction level towards the State Government services was reported at 81.45%, 82% and 83.2% respectively in 2021, 2022 and 2023, which exceeded the 75% target</li> <li>Continuously improve the performance in 2024 and 2025</li> </ul>
Reporting of Selangor State Secretary Office Strategic Plan 2023-2025 ( <i>Pelan Strategik Pejabat Setiausaha Kerajaan Negeri Selangor 2023-2025</i> )	<ul style="list-style-type: none"> <li>Reported the first half of 2023 achievements of projects supporting RS-1 delivery outlined in the Selangor State Secretary Office Strategic Plan 2023-2025 in a meeting with the State Secretary Office management and project implementers on 15 July 2023</li> <li>Collecting and compiling the second half of 2023 achievements to be reported in the State Secretary Office management meeting in Quarter 1 2024</li> <li>The next reporting cycle will be in the biannual meeting with the State Secretary Office management (2024-2025)</li> </ul>
Publication of official State annual reports	<ul style="list-style-type: none"> <li>Published the Selangor State Secretary Office Annual Report (<i>Laporan Tahunan Pejabat Setiausaha Kerajaan Negeri Selangor</i>) on State performance, achievements and expenditure in 2021 and 2022</li> <li>The Selangor State Secretary Office Annual Report 2023 is targeted to be published in July 2024</li> </ul>
Adopt S.M.A.R.T. criteria for KPI-setting for RS-1 initiatives	<ul style="list-style-type: none"> <li>Conducted three workshops in 2023 to provide clarity on the methodology to set KPI and outcome for RS-1 PPIs to PPI owners</li> <li>All RS-1 PPIs are being reviewed as part of the MTR to define clear outputs and targets that meet the S.M.A.R.T. criteria</li> </ul>

## Ongoing

MURNInets 2.0	<ul style="list-style-type: none"> <li>All local authorities scored above 80% for each dimension in MURNInets 2.0 for 2021 and 91.67% of local authorities scored the same for 2022</li> <li>Presented MURNInets 2.0 sustainability status report for 2022 to the Selangor State Planning Committee in 2023 and announced the sustainability status for 2023 at the State-level World Town Planning Day in November 2023</li> <li>80% of the local authorities are targeted to score above 80% while their sustainability status will be reported annually for 2024 and 2025</li> </ul>
State Government website and social media enhancement	<ul style="list-style-type: none"> <li>Conducted an annual meeting with the State Website Technical Committee in 2021, 2022 and 2023</li> <li>The State website attracted over two million visitors annually in 2021 and 2022. As of 15 December 2023, there are 1.9 million visitors</li> <li>Shared over 1,000 State-related posts on various platforms through the State's official social media accounts in 2021, 2022 and 2023 respectively</li> <li>The State Website Technical Committee meeting will be held annually</li> <li>Both the number of State website visitors and State-related social media posts will continue to be tracked and shared with annual targets of two million users and 600 posts respectively</li> </ul>
Extend annual budget planning and implementation consultation to the general public	<ul style="list-style-type: none"> <li>Six engagement programmes with the industry representatives to gather feedback through town halls or surveys on budget planning conducted in 2021 (one session), 2022 (two sessions) and 2023 (three sessions)</li> <li>To have at least two engagement sessions with the industry representatives as part of the annual Budget planning</li> </ul>
Accelerate programmes under the Organisational Anti-Corruption Plan (OACP)	<ul style="list-style-type: none"> <li>44 OACP developed for all State departments and agencies in 2023 with specific action plans outlined, encompassing three priority areas: development, financing and administration</li> <li>52% of the OACP action plans implemented at the department and agency level in 2023</li> <li>All action plans under each OACP are planned to be implemented at the department and agency level by 2025</li> </ul>
Programme and Project Monitoring and Reporting System (PMRS)	<ul style="list-style-type: none"> <li>The system will be developed in June 2024 to track State initiative progress, performance and outcomes that will be summarised in a real-time traffic light dashboard and prepare reports</li> <li>The system is expected to be rolled out to all State agencies and departments in 2025</li> </ul>
Develop Cost-Benefit Analysis and Impact Assessment Frameworks	<ul style="list-style-type: none"> <li>A preliminary study on the cost-benefit analysis and impact assessment frameworks will be conducted in 2024, subject to the development of Smart Project System. It is an outcome-based project monitoring module that is expected to go live in the same year and fully utilised in 2025</li> <li>Upon completion, the system will be the input for the proposed frameworks to be developed by 2025</li> </ul>

**Table 7.4: New PPI under Managing Performance and Accountability focus area**

## New

Launching of Anti-Corruption Plan of MBI and its subsidiaries	<ul style="list-style-type: none"> <li>The CRM mechanisms have been developed for 15 organisations, including MBI and its subsidiaries</li> <li>Seven MBI subsidiaries developed their own OACP</li> <li>MBI has completed the OACP and officially launched it on November 2023</li> <li>Eight MBI subsidiaries will develop their OACP action plans in 2024 and another seven agencies in 2025</li> </ul>
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● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI



## FOCUS AREA 3: AGILE PUBLIC WORKFORCE

In navigating a fast-shifting landscape and the evolving needs of the *rakyat*, the State needs to build an agile and dynamic public workforce with future-ready and in-demand skills, capabilities and competencies through training programmes. Digital Accelerator is an initiative under the Smart Government domain of the Smart Selangor Action Plan 2025 that builds digital capacity while SELECT Programme enhances the public workforce's leadership talent pool. Programmes like Cross-Fertilisation Schemes and the Mentor-Mentee Programme support the workforce's lifelong development and professional development.

As Selangor is moving towards strengthening implementation and data-driven policymaking, entities like the State Intelligence Analytics Unit (IAU) and SIAP play a critical role in mainstreaming

understanding on impact assessment frameworks, better monitoring and reviewing processes to close the project implementation cycles. The RS-1 MTR facilitated the state-wide effort in implementing the PPIs with a clear theory-of-change, targets and outputs.

Meanwhile, a welfare-based programme is implemented through partnership between the State Government as the funding partner and welfare associations and non-governmental organisations (NGOs) as the programme initiator under the Public-Private-Civil Partnership (PPCP). The initiative aims to establish a formal collaboration framework between the State and civil society that ideates and implements community-based programmes.

**Table 7.5: Completed and ongoing PPIs under Agile Public Workforce focus area**

### Completed

Digital Accelerator	<ul style="list-style-type: none"> <li>Conducted a virtual Selangor Government Digital Training (SGDT) briefing with CyberSecurity Malaysia in February 2023</li> <li>Eight certification training programmes completed in 2023 under SGDT which aimed to empower and improve State civil servants' IT skills and competency</li> <li>162 participants from the <i>Perkhidmatan Teknologi Maklumat</i> scheme involved in the training programmes</li> <li>Concluded the examinations for the eight modules in November 2023</li> </ul>
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### Ongoing

Statewide Employee Engagement and Exchange Forum	<ul style="list-style-type: none"> <li>Conducted an engagement session with the public workforce focusing on the study of Public Service Remuneration System on 26 September 2023</li> <li>Conducted a conference on Human Resource Management on 19 December 2023</li> </ul>
Cross-Fertilisation Scheme	<ul style="list-style-type: none"> <li>Selangor participated in the Malaysia's Public Service Department's Cross-Fertilisation Programme with one officer seconded in 2023</li> <li>Preparation for Selangor Cross-Fertilisation Scheme (SCFS) policy and pilot programme by August 2024</li> <li>SCFS allows secondment officers to enhance their career, knowledge and skills</li> </ul>
Review career enhancement and performance management framework	<ul style="list-style-type: none"> <li>Implementing the MyPerformance system, a mechanism used to recognise job competencies holistically, at 43% of State agencies with 50% of the staff achieving the 100% performance target for 2023</li> <li>The system is being developed to also cover contract staff in the future as it currently covers permanent staff only</li> <li>MyPerformance system is scheduled to be extended to contract workers in 2024</li> </ul>
Establish a dedicated State Intelligence Analytics Unit (IAU)*	<ul style="list-style-type: none"> <li>The IAU was established to oversee data analytics for better and more informed policymaking process</li> <li>Talents and in-house experts with the right competencies will be appointed to carry out the IAU functions</li> </ul>
SELECT Programme: Introduce experiential, outcome-based training programmes for high-demand skills	<ul style="list-style-type: none"> <li>51 participants completed the special course training aimed at increasing leadership talent pool based on the Public Service Leadership Competencies Framework attributes: authentic, agile and adaptive, strategic, executive presence and transformative</li> <li>At least ten participants are targeted to complete the training annually from 2024</li> </ul>

## Ongoing

Mentor-Mentee Programme	<ul style="list-style-type: none"> <li>56% of the State agencies implemented the Mentor-Mentee Programme in 2023. The Programme consists of six structured activities and learnings designed for newcomers and promoted staff</li> <li>The programme uptake is expected to achieve 100% at all State agencies by 2025</li> </ul>
Public-Private-Civil Partnership (PPCP)*	<ul style="list-style-type: none"> <li>Nine welfare associations and NGOs received a total of RM450,000 budget allocations for Program Sinergi Prihatin, a welfare-based collaboration programme with the State Government in 2023</li> <li>To distribute RM150,000 to welfare associations and NGOs for the implementation of the social welfare programmes in collaboration with NGOs in 2024</li> </ul>
Preparation for the Internal Job-Skills Matching System	<ul style="list-style-type: none"> <li>The recruitment process of the Job Competency Development champions at agency level is ongoing</li> <li>Develop a complete Competency Dictionary based on the Federal guidelines by 2025. It will outline and define knowledge, skills and behaviour that need to be demonstrated by the State officers according to the level of competency and job scope</li> </ul>

● Key achievement  
(2021-2023)

● Implementation in progress  
(As of 2023)

● Planned implementation  
(2024 onwards)

\*A Game Changer PPI



## FOCUS AREA 4: REVENUE SUSTAINABILITY

As a rapidly progressing State, Selangor needs to seek for new sources of government revenue to safeguard the State's fiscal resilience to support future development needs as well as increasing the government revenue in line with economic growth. Having sustainable revenue streams enable better delivery of quality services to the *rakyat*. While this is largely addressed through tax collection, strengthening innovative public-private partnerships is instrumental in diversifying financing sources and risks.

The State has benefited part of the RM40 million dividend payment from the State GLCs. By the end of 2023, the State investment portfolio stood at RM989.41 million from the Equity, *Sukuk* and Balanced Model utilisation. To improve tax payments and compliance as well as to eliminate leakages, initiatives were geared towards organising local authority-level tax awareness campaigns, employing behavioural economics concept, implementing a real-time online-based platform that facilitates the monitoring of rock material production and monitoring and enforcing the land use conversion.

As part of the 2024 Selangor Budget announcement, the State Government has allocated RM6 million for the expansion of the Smart Docket System. In the same announcement, the State Government also underlined the need to increase the office fees rate of payment due to increased contribution of the application for land-related matters to the State's operating expenses. A discussion was held between PTGS and all district and land offices in 2023 on the new office fees payment rate given the last review was made in the Selangor Land (Amendment) (No.2) Rules 2007. With the review, the State is expected to collect an additional RM50 million revenue from the office fees.





## SPOTLIGHT: SMART DOCKET SYSTEM

Envisioned by the Smart Selangor concept, the Smart Docket System was introduced by PTGS for the management and oversight of earth material extraction including sand and granite. Leveraging advanced technology and systems such as Internet of Things (IoT), the Smart Docket System reduces leakages in State revenue as well as increases revenue collection from rock materials.

Before the establishment of the Smart Docket System, docket issuance relied on hand-written processes and were manually handled by the operators, engendering issues related to data security or fraud. With the real-time, online-based system in place, data integrity is preserved and integration of other technologies such as CCTV and Global Positioning System (GPS) into it ensures all operators abide by the State guidelines.



As a fully integrated system, the Smart Docket process begins with weighing the Kerb Weight (weight of vehicle) of a lorry upon its arrival at the mining site before it is allowed to enter the mining field and the data is stored in the system's server. After the lorry has been loaded with rock materials extracted from the mining field, it is weighed again, where its Gross Vehicle Weight (weight of vehicle plus maximum allowable payload) is recorded. The photo, registration number and payload of the lorry are also captured and sent to the operation office to be stored in the system's server. The Smart Docket is only printed and issued once all conditions are met by the lorry. All information retrieved during the process is sent to the operation office at PTGS.

The Smart Docket System is presently implemented at 33 mining sites throughout Selangor and is fully monitored by PTGS to ensure all land use regulations are complied with by businesses and individuals to increase revenue collection from Smart Docket System penalties, permits and other types of payment. The State Government allocated RM4.7 million for activities related to Smart Docket System including site expansion, system enhancement and mobile application development. Further State allocation with a total amount of RM6 million has been announced under the 2024 Selangor Budget for the system's expansion.

Source: Selangor Journal, PTGS, 2024 Selangor Budget

**Table 7.6: Ongoing PPIs under Revenue Sustainability focus area**

### Ongoing

Strengthen enforcement of State GLCs for tax arrears settlement	<ul style="list-style-type: none"> <li>Establishing a One-Stop-Centre to resolve issues surrounding tax arrears settlement from the State GLCs and their respective joint ventures</li> </ul>
Build market-based Resilient Investment Model	<ul style="list-style-type: none"> <li>The portfolio values for <i>Tabung Warisan Negeri Selangor (TWNS)</i>, <i>Tabung Amanah Warisan Anak Selangor (TAWAS)</i> and <i>Tabung Amanah Bencana Alam (TABA)</i> are targeted to achieve 8% growth in asset value respectively for the year 2024 and 2025</li> </ul>
Impose no tax arrears conditions for business licence renewal	<ul style="list-style-type: none"> <li>Held a briefing on <i>i-Sekat</i> (a smart monitoring system that will impose a suspension on business licence renewal for business owners with tax arrears) implementation to all local authorities in February 2023</li> <li>Phase 2 implementation of <i>i-Sekat</i> will begin in 2024</li> <li>70% of business licence owners are expected to settle their tax arrears at their respective local authorities in 2025</li> </ul>

## Ongoing

Adopt nudge economics to reduce tax arrears and improve penalty collection (assessment tax)	<ul style="list-style-type: none"> <li>The local authorities issued over 1.5 million <i>Notis E</i> for annual assessment tax arrears between 2021 and 2023</li> <li>An average of 84.65%, 94.71% and 80.08% of assessment tax arrears collected by the local authorities in 2021, 2022 and 2023 respectively</li> <li>Target to issue 1,540,199 and 1,567,014 <i>Notis E</i> by the local authorities in 2024 and 2025 respectively</li> <li>The percentage of assessment tax arrears collected target is set at 70% for 2024 and 2025</li> </ul>
Local Authorities Tax Awareness Campaign	<ul style="list-style-type: none"> <li>Conducted an annual tax awareness campaign at the local authority level</li> <li>A State-level centralised promotion on tax awareness will be jointly conducted by UPEN, PTGS, local authorities and district and land offices in 2024</li> </ul>
Innovative identification of illegal activities using data and technology	<ul style="list-style-type: none"> <li>Piloted the Smart Docket System at three site applications in 2017 and expanded to 33 sites in 2018 and 2019 to identify any illegal activities related to land use. The system is live since 2020</li> <li>Presently, 33 sites have implemented the Smart Docket System, which captures specific lorry numbers and the weight of granite during both inbound and outbound transactions</li> <li>The system is continuously being monitored to ensure its implementation at all sites</li> <li>RM6 million is allocated under the 2024 Selangor Budget for the system's expansion</li> </ul>
Enforce the <i>Pemutihan Kilang Tanpa Kebenaran</i> programme	<ul style="list-style-type: none"> <li>From October 2019 to October 2023, 415 factory and land owners submitted the application to change their current status to operate legally. Of which, 365 is approved</li> <li>One KTK Special Committee meeting will be held annually to resolve and coordinate issues related to the programme</li> </ul>
Establish uniform guidelines on write-off processes and procedures for local authorities	<ul style="list-style-type: none"> <li>Drafting the Guidelines on Realisable Value of Accounts Receivable (<i>Garis Panduan Penjelasan Nilai Akaun Belum Terima Hasil</i>), with a target to finalise and present to MMKN in 2024</li> <li>The implementation of the uniform guidelines at all local authorities will start in 2024</li> <li>1% decrease in Accounts Receivable targeted by 2025</li> </ul>
Develop formal dividend payment framework for the State Government-Linked Companies (GLCs)	<ul style="list-style-type: none"> <li>The dividend policy, which will detail out the contributions required from the State GLCs to the State Government, is being drafted</li> <li>As part of the dividend payment, RM40 million will be paid out to the State Treasury in 2024 while the payment mechanism is yet to be decided</li> <li>The dividend rate for future payment will be set in 2025</li> </ul>
Adopt PPP model to enhance the value of State properties and increase rental income	<ul style="list-style-type: none"> <li>The final draft of the Tripartite Agreement between the State Government, Federal government and Discovery Wetlands Sdn. Bhd. (DWSB) for the development of Paya Indah Wetlands, a protected and an ecotourism area under the management of Department of Wildlife and National Parks Peninsular Malaysia (PERHILITAN), is being reviewed by the Attorney General's Chambers</li> <li>Upon finalisation of the Tripartite Agreement, the State government will start collecting revenue from the Paya Indah Wetlands operation at a 6% rate in January 2024, 7% in 2025 and 7.5% from 2026</li> </ul>

**Table 7.7: New PPI under Revenue Sustainability focus area**

## New

Adopt nudge economics to reduce tax arrears and improve penalty collection (quit rent and parcel rent)	<ul style="list-style-type: none"> <li>Granted up to 100% exemption of arrear fees to taxpayers from 1 January to 28 February 2023</li> <li>18,258 quit rent and parcel rent arrears settled in 2023, amounting to a total payment of RM11,288,696 and exemption fee of RM4,745,449</li> </ul>
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● Key achievement (2021-2023)

● Implementation in progress (As of 2023)

● Planned implementation (2024 onwards)

\*A Game Changer PPI



## FOCUS AREA 5: TECHNOLOGICAL TRANSFORMATION

The public sector digital transformation process in Selangor aims to positively transform public service delivery by increasing operational efficiency and driving more data-driven policymaking as well as enabling wider outreach to the masses and enhancing the ease of doing business. This is aligned with Selangor's vision to become a Smart State by enabling the *rakyat*, public and private sectors to optimise and integrate digital technology in their daily life.

To achieve full digitalisation of government service as indicated in the *5 Tekad Untuk 5 Tahun* agenda and the 2024 Selangor Budget, the *Sistem Smart DUN* is established as a digital platform for the *rakyat* to apply for financial assistance from their respective *Pejabat Ahli Dewan Negeri* (ADN) under the Government Approval Acceleration initiative. The implementation of the *e-Tanah* System allows land-related transactions to be carried out at its Single Point of Contact (SPOC)

counter whereas the adoption of a centralised payment platform, namely Citizen e-Payment App (CEPat), and an all-in-one mobile application, namely Selangor Super App improves access to government services. Such digital transformation efforts play an instrumental role in enhancing better user experience, driving accountability and elevating efficient public service delivery.

Efforts to digitalise Government service are also extended to the administration of Islamic matters. Digital initiatives carried out by *Jabatan Agama Islam Selangor* (JAIS) such as *e-Masjid*, *Smart Masjid*, *e-Khutbah* and *evoKhutbah* streamline mosque- and Friday sermon-related managerial tasks and administrative processes while *e-Tauliah* facilitates the application for Islamic teaching licence in Selangor.



### SPOTLIGHT: SELANGOR e-TANAH SYSTEM

The *e-Tanah* System was developed by the Ministry of Natural Resources and Environmental Sustainability (formerly Ministry of Natural Resources, Environment and Climate Change) as an integrated land management and administration system for states in Peninsular Malaysia towards the realisation of the e-Government vision. On 2 December 2021, Selangor Government signed an agreement with the Federal Government and the system's concessionaire, for its implementation at the PTGS and district and land offices in the State.



The development of the Selangor *e-Tanah* System aims to facilitate and streamline the process for quit and parcel rent payment as well as improve the quality of government service delivery to the *rakyat*. To achieve this, PTGS has integrated three other electronic services, namely *e-Hasil*, *e-Samakan* and *e-Bayaran* into the *e-Tanah* portal for a hassle-free and more seamless experience. Following the integration, the Selangor *e-Tanah* system commenced its operation across all district and land offices in Selangor on 30 October 2023 with nine main modules implemented, including registration, revenue, consent, strata, auction, land disposal, land acquisition, land development and enforcement.

Source: Selangor Journal, PTGS

**Table 7.8: Completed and ongoing PPIs under Technological Transformation focus area**

**Completed**

Review of public sector data policies and framework	<ul style="list-style-type: none"> <li>Developed Selangor State Data Sharing Policy, approved by MMKN in 2023</li> </ul>
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**Ongoing**

Selangor State Electronic Land Administration System ( <i>e-Tanah</i> ) implementation project	<ul style="list-style-type: none"> <li>Developed <i>e-Tanah</i> portal to facilitate land-related transactions. The portal has been live since 30 October 2023</li> <li>Integrated digital services such as e-Hasil, e-Semakan and e-Bayaran into the <i>e-Tanah</i> portal in 2023</li> <li>124% (RM14,432,475.20) increase in quit rent and parcel rent collection between 1 January to 18 January 2022 and 1 January to 18 January 2023, from RM11,573,360.31 involving 41,355 transactions to RM26,005,835.51 involving 84,489 transactions respectively</li> <li>Implemented <i>e-Tanah</i> system at PTGS and all district and land offices</li> </ul>
SISMAPS	<ul style="list-style-type: none"> <li>Developed <i>Sistem Maklumat Perancangan Negeri Selangor</i> (SISMAPS) portal in 2021 to provide a comprehensive land use data bank for the State and increase land use data competency for all levels of user</li> <li>Developed SISMAPS mobile application in 2022 and SISMAPS dashboard in November 2023 to enhance the portal module</li> <li>Collected and verified SISMAPS data inputs with all local authorities</li> </ul>
Selangor Government Data Exchange (SelGDX)*	<ul style="list-style-type: none"> <li>SelGDX that serves as an integrated cross-agency data sharing platform went live on 13 October 2023</li> <li>Integrated 12 of the targeted 30 application programming interfaces (APIs) into the SelGDX Platform as of 11 January 2024</li> </ul>
Selangor Super App	<ul style="list-style-type: none"> <li>The Selangor Super App is used to distribute financial aids to BINGKAS and INSAN recipients</li> <li>The Selangor Super App is used to distribute incentives via e-wallet to INSAN recipients and had been used in BINGKAS programme</li> <li>All State digital application initiatives, including Selangor Super App, will be streamlined to avoid overlapping functions</li> </ul>
Government Approval Acceleration	<ul style="list-style-type: none"> <li>Established <i>Portal Kita Selangor</i> to facilitate the application process for State assistance under <i>Pakej Kita Selangor 2.0</i> in 2021</li> <li>Developed e-MMKN system to digitalise MMKN meetings in 2022</li> <li>Completed the pilot project for the <i>Sistem Smart DUN</i> (a platform to manage the financial assistance application process at Selangor ADN Office) in 2023, covering five out of 56 ADN Selangor</li> <li>The system is targeted to be expanded to the remaining 51 ADN by 2024</li> </ul>
Citizen e-Payment App (CEPat)	<ul style="list-style-type: none"> <li>11 local authorities adopted CEPat (a centralised payment platform for all paid government services) in 2023 with 33 total paid services onboarded</li> <li>A total of 171,000 users registered with CEPat as of 2023</li> <li>All local authorities are targeted to adopt CEPat in 2024 with 45 paid services to be onboarded</li> </ul>
Expedite Digital Onboarding of local authorities and district and land offices	<ul style="list-style-type: none"> <li>Integrated Smart Selangor Data Centre (SSDC), a Tier 3 and Tier 4 (Ready) hybrid data centre, with Amazon Web Services (AWS) Outpost by 17 October 2022 to enable hybrid cloud services</li> <li>Implemented Phase 1 and 2 of Selangor Gigabit Network (SeGNet), an integrated high-speed broadband network that connects the Selangor State Secretary Office with all State departments and agencies, for 13 nodes as of 2023</li> <li>The SeGNet implementation for the remaining six nodes is targeted to be achieved in 2024</li> </ul>
Development of intelligence systems for evidence-based policymaking	<ul style="list-style-type: none"> <li>Developed the District Disaster Operation Centre (DDOC) infrastructure, a centralised monitoring and operations centre within the district and land offices, for three district and land offices, namely PDT Klang, PDT Petaling and PDT Hulu Langat, and went live in 2023</li> <li>The DDOC infrastructure for the remaining six district and land offices will be developed in 2024 alongside a Disaster Management System and an evidence-based dashboard</li> </ul>
Digital First Programme	<ul style="list-style-type: none"> <li>Pending approval for MySUKSELCloud, a cloud computing service offering Software-as-a-Service, Platform-as-a-Service and Infrastructure-as-a-Service</li> <li>The pilot project for the Digital Document Management System (DDMS), a record management service used to manage the whole life cycle of a record, will go live in 2024</li> <li>A second State data centre will be developed in 2024</li> </ul>
Standardised State mobile application framework	<ul style="list-style-type: none"> <li>The mobile application framework development workshop will be conducted in Quarter 1 2024</li> <li>MMKN approval is expected to be received upon finalisation of the draft framework by Quarter 4 2024</li> </ul>



**Table 7.9: New PPI under Technological Transformation focus area**

**New**

Implementation of feasibility study for the development of State Government Central Data Warehouse (CaWah)	<ul style="list-style-type: none"> <li>▪ Appointment of consultant to conduct the feasibility study by Quarter 3 2024</li> <li>▪ A report of the feasibility study will be developed by Quarter 4 2024</li> </ul>
Development of Central Spatial Data Platform (CSDP)	<ul style="list-style-type: none"> <li>▪ Establishment of the CSDP concept and structure by 2024</li> <li>▪ Establishment of the CSDP platform by 2025</li> <li>▪ Training of personnel to ensure ownership and use of the CSDP platform by 2025</li> </ul>

Key achievement (2021-2023)
  Implementation in progress (As of 2023)
  Planned implementation (2024 onwards)
 \*A Game Changer PPI

## 7.3 Issues and Challenges

### Varying capabilities and priorities amongst the local authorities

Varying capabilities and priorities amongst the local authorities pose a challenge in achieving consistent and coordinated efforts across Selangor, particularly in sustainability and poverty alleviation efforts. Each local authority may have varying levels of understanding, resources and priorities when it comes to sustainability initiatives. This can lead to disparities in the implementation and effectiveness of the programmes. Furthermore, each local authority develops different digital systems for the residents, making the task to align the systems challenging although efforts are underway to integrate the digital systems, policy priorities and implementation pathways.

### Matching the right competencies within the public workforce

Job matching with the right competencies in the public workforce is crucial for effective governance and service delivery. The public workforce plays a vital role in implementing policies and programmes, and their competencies directly impact the quality and efficiency of public services. However, there may be gaps in skills and expertise within the public workforce, hindering the delivery of effective and responsive services.

### Challenges in increasing State revenue and RS-1 funding

Challenges in increasing State revenue can impact the implementation of various initiatives and services. Adequate funding is essential for infrastructure development, social programmes and public services. However, Selangor may face limitations in generating sufficient revenue which can impact the scale and effectiveness of government initiatives. To address this challenge, Selangor needs to explore diverse revenue streams such as exploring new economic sectors, attracting investments, optimising tax collection and exploring innovative financing mechanisms. By diversifying revenue sources and ensuring fiscal sustainability, Selangor can enhance its capacity to fund and deliver essential services and programmes for the benefit of its residents.

## 7.4 Way Forward

Good governance enables excellent public service delivery that is more innovative, responsive and agile to adapt to future challenges for the *rakyat* and businesses. Most PPIs are on track to be completed in accordance with the project timeline while some PPIs are at the concept and initiation or design and planning phase. While RS-1 does not intend to introduce major public service reforms, there are still critical touchpoints and interventions that will move the needle in better governance, i.e., cultivating a capable and creative public workforce, digitalisation and elevating integrity and accountability. Furthermore, the establishment of the monitoring unit like SIAP has infused fundamental change in the thinking process throughout the State's departments and agencies in project design and delivery by focusing not just on the completion of tasks but also monitoring and measuring the outcomes for better future policy and programme designs.

Collaborative multilevel governance is necessary in Selangor to integrate national-state-local policies and plans for consistent planning. The challenge for an advanced state like Selangor is to continuously reinvent and differentiate itself to grow and address multifaceted challenges. This can only be addressed by having a strong workforce to provide accessible, efficient and effective public services for all. Moving forward, efforts should be focused on allowing the government to perform its roles as a *service enabler and facilitator* instead of just delivering services so that the public service is built on trust and integrity.

# 08

## Pursuing Balanced Regional Development And Localising Impacts

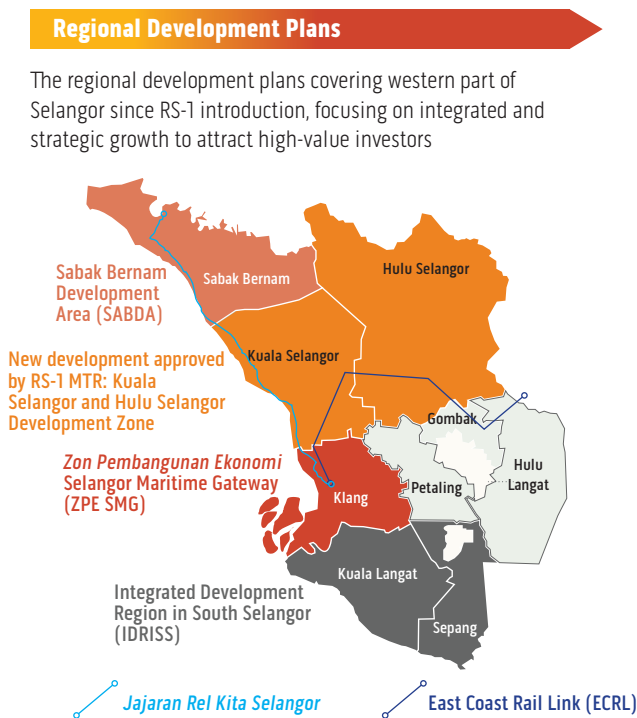
Selangor's Regional and Development: Present and Future 112

District Highlights: How has RS1 Impacted the Districts? 113

# 8.1 Selangor's Regional and District Development: Present and Future

Socio-economic and environmental performance is usually context-specific and needs to be addressed through location-based policies. Hence, regional and local development policies play a critical role in addressing the root causes of persistent territorial disparities, recognising functional territories in addition to the administrative areas. Since the inception of RS-1, there has been greater momentum to strategically nurture the western region of Selangor. This has become more critical than ever, particularly to attract high-value and priority investments and ensure balanced and inclusive regional development in both urban and rural areas.

**Figure 8.1 Regional development plans highlighted in the RS-1**



In addition to its own development initiatives, Selangor actively aligns with national development priorities, exemplified by its pivotal role as the host of the ECRL, a crucial infrastructure project that enhances connectivity and economic integration with the eastern

region of Peninsular Malaysia. This strategic alignment not only reinforces Selangor's commitment to national development goals but also contributes significantly to the overall socio-economic advancement of the state and region.



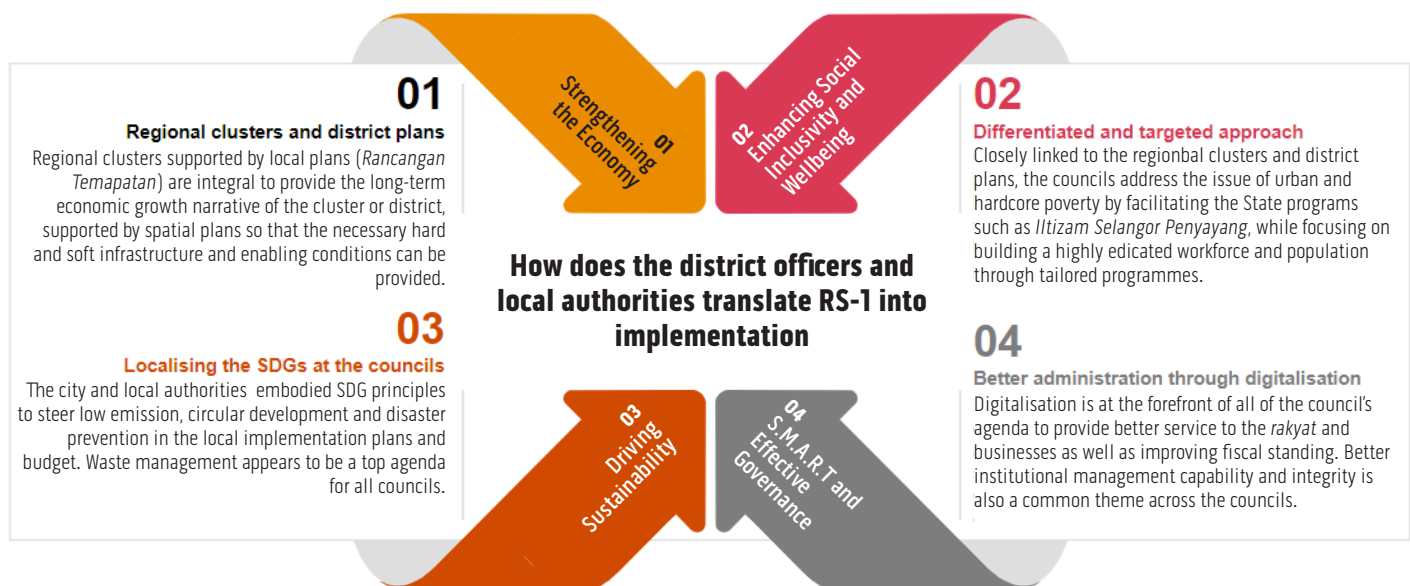
## 8.2

# District Highlights: How Has RS-1 Impacted the Districts?

The narrative surrounding localisation at the districts is significant because while RS-1 is a plan at the State level, the district offices and local authorities are actively engaged in the alignment of policies and implementation. Furthermore, the federal and State policies or development programmes will have spillover effects on the local area so it is critical to harness the positive impacts.

### How have the districts supported the RS-1 vision of achieving a smart, liveable and prosperous Selangor?

Figure 8.2 Illustration of RS-1 implementation by the district offices and local authorities



# Sabak Bernam

The frontier for agriculture development

**Pejabat Daerah dan Tanah Sabak Bernam**

## FACTS AND FIGURES

### Population

- 108,300 (2022)

### Socio-economic profile

- RM4,454 median household income per month
- 66.5% of population with internet access

### Economic cluster

- Agriculture and Agro-based industry; Fisheries and Aquaculture



### Local Authority

- Majlis Daerah Sabak Bernam

### Key Policies

- MDSB Strategic Plan
- MDSB Local Plan

### Awards and Recognition

ACHIEVED 5 STARS ON THE STAR RATING SYSTEM AWARD - LOCAL AUTHORITIES	MURNInets 2023 SUSTAINABLE CITIES AWARD	ACHIEVED 4 STARS FOR THE 2023 OFFICE MANAGEMENT EXCELLENCE AWARD
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### Top contributions towards SDGs



## Important progress since RS-1 implementation: Majlis Daerah Sabak Bernam (MDSB)



### Strengthening the Economy

At the forefront of Selangor's agriculture development, Sabak Bernam thrives as the nucleus of the SABDA economic development zone. Based on the MDSB Local Plan, the district is actively promoting agriculture development and diversification to increase productivity and income for farmers. SABDA development will catalyse infrastructure development and create an ecosystem that attracts investments and industries to create job opportunities and provide training and market access to MSMEs. The main parts of the West Coast Expressway that are linked to SABDA are completed and the entire highway will be completed in 2025, connecting this key geographic development to the south of Selangor (Banting) and Taiping, Perak. Other connectivity infrastructure include the Jambatan Sungai Air Tawar – Hutan Melintang, which will shorten travel time between the two key areas, and reduce congestion on Jambatan Sungai Bernam. Furthermore, the district is actively developing tourism infrastructure to promote Sabak Bernam for agrotourism and ecotourism. For example, the R&R Air Manis @ Kompleks Agropolitan Sabak Bernam will be developed to improve comfort of commuters to the area. All of the RS-1 ecotourism projects are operational, such as Eko-Pelancongan Ban Canal with hopes to draw more visitors.



### Enhancing Social Inclusivity and Wellbeing

The backbone of alleviating poverty and spurring balanced development in Sabak Bernam focuses on strengthening high value agricultural value chain with emphasis on improving access. The residents also benefit from the *Itizam Selangor Penyayang* social welfare programmes to support vulnerable groups and reduce poverty. Furthermore, cultural preservation and heritage conservation initiatives are included to foster a sense of identity and community.



### Advancing Sustainability

The MDSB Strategic Plan 2021-2025 plays a pivotal role in ensuring long-term food security for Selangor. It also emphasises enhancing waste management systems and promoting recycling and conservation efforts. Furthermore, MDSB encourages the use of renewable energy sources and promotes energy efficiency. Lastly, the plan emphasises the protection and preservation of natural resources, including forests, rivers, and coastal areas.



### S.M.A.R.T. and Effective Governance

The MDSB Strategic Plan 2021-2025 focuses on enhancing digital infrastructure and connectivity to support e-governance and digital services. It also aims to improve public transportation systems and infrastructure to enhance mobility and connectivity within Sabak Bernam. Digitalisation is also important in agricultural development. RS-1 introduced Selangor Smart Agro Parks and Selangor Smart Agro Farms as part of SABDA initiative focusing on high-technology agriculture development (1,102 ha).

## Mapping MURNInets achievements based on the RS-1 Strategic Themes<sup>16</sup>

Strategic themes	2021	2022	2023
<b>Strengthening the Economy</b>	0.58	0.75	0.79
<b>Enhancing Social Inclusivity and Wellbeing</b>	0.74	0.87	0.83
<b>Advancing Sustainability</b>	0.58	0.84	0.80
<b>S.M.A.R.T and Effective Governance</b>	0.74	0.78	0.85

● Sustainable ● Partially Sustainable ● Less Sustainable

<sup>16</sup> Note: Source: PLANMalaysia Selangor The MURNInets indicators are structured according to the RS-1 Strategic Themes and averages are taken for the Sustainability theme. Strengthening the Economy represents D1: Competitive Economy; Enhancing Social Inclusivity and Wellbeing is D3 - Prosperous Community; Advancing Sustainability is D2 Sustainable Environment Quality; D4 - Optimum Land and Natural Resource Usage; D5 - Efficient infrastructure and Transportation; S.M.A.R.T and Effective Governance is D6 - Effective Governance

# Kuala Selangor

Positioning itself for western Selangor economic development

**Pejabat Daerah dan Tanah Kuala Selangor**

## FACTS AND FIGURES

### Population

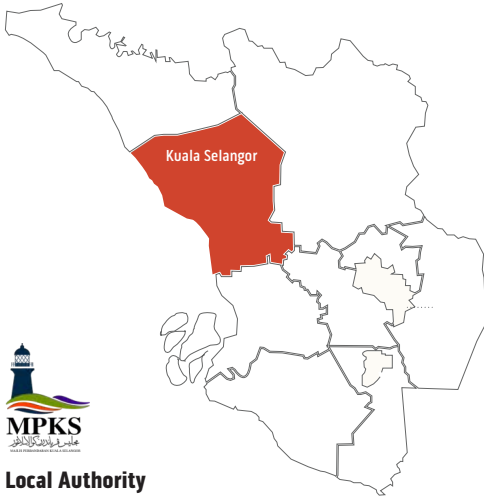
- 290,800 (2022)

### Socio-economic profile

- RM5,855 median household income per month
- 83.6% of population with internet access

### Economic cluster

- Ecotourism, Fisheries and Aquaculture; Agriculture



### Local Authority

- Majlis Perbandaran Kuala Selangor

### Key Policies

- MPKS Strategic Plan
- Kuala Selangor Local Plan
- MPKS Information and Communication Technologies Digitalisation Strategic Plan
- MPKS Information and Communication Technologies Safety Policy

### Awards and Recognition

SPECIAL COMMENDATION GOVERNMENT (PUBLIC SPACES) CATEGORY FOR THE 2021 ASEAN PLACEMAKER AWARDS	GOLD AWARD FOR TOURISM COMMUNITY INITIATIVE IN CONJUNCTION OF THE 2022 MTC AWARD	ACHIEVED 95.71% ON THE STAR RATING SYSTEM AWARD LOCAL AUTHORITIES
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### Top contributions towards SDGs



## Important progress since RS-1 implementation: Majlis Perbandaran Kuala Selangor (MPKS)



### Strengthening the Economy

As part of the northern corridor, Kuala Selangor is known for agricultural activities, tourism potential and natural resources. Kuala Selangor will be developed as the ecotourism and aquaculture epicentre. This will be critical for the State's food security agenda. For example, zoning an Aquaculture Industrial Zone close to the existing tiger shrimp and cockle breeding areas has been proposed in the Kuala Selangor Local Plan 2035. Additionally, MIP will be developed featuring an ESG-aligned concept to draw green investments with the first phase of the industrial development expected to be completed by 2027. The focus on ecotourism and coastal recreation will be emphasised to draw tourists, capitalising on existing attractions, such as Taman Alam, Kelip-Kelip Kampung Kuantan, Taman Ikan Air Tawar, Pantai Remis dan 'Sky Mirror', as well as new attractions to be developed. The Kuala Selangor Local Plan 2035 also includes improving the e-commerce facilities to cater and support future commercial demand and transaction of the agriculture activities, linking to neighbouring districts.



### Enhancing Social Inclusivity and Wellbeing

The Plan 2035 identified shortage of housing supply and the lack of affordable housing as issues. Hence, efforts are made to enhance liveability in Kuala Selangor through residential property developments, including integrating residential projects within the MIP in Kota Puteri. Connectivity improvements, such as the ECRL and the West Coast Expressway (WCE), are also planned to catalyse socio-economic activities in the region.



### Advancing Sustainability

One of the high-impact projects in the Plan 2035 is providing a flood mitigation plan for areas that are close to Sungai Buloh, mostly around the Simpang Tiga Ijok area. The projects are aimed to control soil erosion on riverbanks and to reduce stormwater runoff. Furthermore, efforts are underway to gazette the CFS Selangor in Kuala Selangor through the Local Plan Kuala Selangor 2035. This initiative is part of the larger plan to preserve and protect the Selangor Royal Heritage Forest, contributing to the macro-target of preserving at least 31% of the forest cover in Selangor. Another notable RS-1 project is the Jeram WTE plant with a daily capacity of 2,700 tons and will also be implemented, generating up to 52 megawatt of electricity. Furthermore, Malaysia's Large-Scale Solar (LSS-5) project will be implemented in Kuala Selangor.



### S.M.A.R.T. and Effective Governance

Kuala Selangor hosts one of the nine DDOCs in Selangor for faster disaster response. DDOC is a centralised monitoring and operations center that will collaborate with the Smart Selangor Operation Center (SSOC) to track river water levels and weather conditions as well as issue live notifications and warnings. It also utilises the SelGDX platform to access the latest information from other agencies like the Meteorological Department. Furthermore, the e-Tanah and smart docket system will be adopted as part of their digitalisation efforts.

## Mapping MURNInets achievements based on the RS-1 Strategic Themes

Strategic themes	2021	2022	2023
<b>Strengthening the Economy</b>	0.71	0.83	1.00
<b>Enhancing Social Inclusivity and Wellbeing</b>	0.80	0.96	0.72
<b>Advancing Sustainability</b>	0.80	0.78	0.86
<b>S.M.A.R.T and Effective Governance</b>	0.78	0.96	0.89



Sustainable



Partially Sustainable



Less Sustainable

# Hulu Selangor

Increasing efforts in fighting rural poverty

## Pejabat Daerah dan Tanah Hulu Selangor

### FACTS AND FIGURES

#### Population

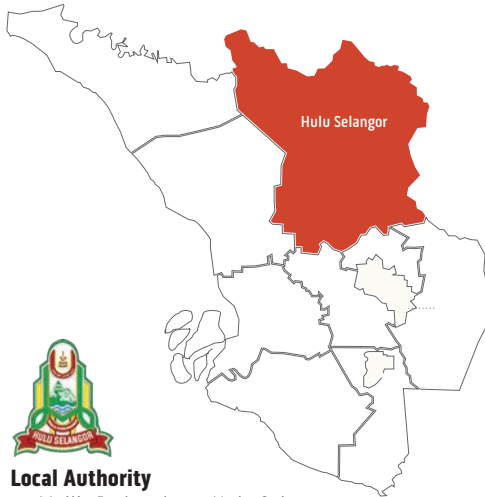
- 244,200 (2022)

#### Socio-economic profile

- RM6,249 median household income per month
- 91.2% of population with internet access

#### Economic cluster

- Automotive and supporting industries; Services



#### Local Authority

- Majlis Perbandaran Hulu Selangor

#### Key Policies

- Hulu Selangor District and Land Office Plan
- Local Plan Hulu Selangor
- MPHS Information and Communication Technologies Safety Policy

#### Awards and Recognition

2023 GREEN  
ACHIEVER  
AWARDS

SDG CITIES CERTIFICATE  
OF RECOGNITION FOR  
COMPLETION OF SDG  
CITY ROADMAP AND VLR

2023 BEST SUSTAINABLE  
CITY AWARD FOR LOCAL  
AUTHORITIES MUNICIPALITY/  
DISTRICT CATEGORY

#### Top contributions towards SDGs



### Important progress since RS-1 implementation: Majlis Perbandaran Hulu Selangor (MPHS)



#### Strengthening the Economy

The Selangor Structural Plan 2035 proposed the creation of an automotive industrial cluster in Hulu Selangor (Serendah-Sungai Choh-Bukit Beruntung and selected industries in Beringin Valley-Bernam Jaya). Physical infrastructure works have been ongoing to create a modern ecosystem and nature through a wide green network to attract investors. Additionally, Selangor will establish Kuala Selangor and Hulu Selangor Development Zone which will focus on enhancing agriculture, aquaculture and ecotourism to stimulate rural agriculture development. Moving forward, Hulu Selangor will leverage green technology as part of the economic development strategy through renewable energy projects and manufacturing of transport equipment and parts. One of the projects involves an Umbrella Project in Hulu Bernam District, Bernam Jaya. The proposed project involves the development of a large-scale solar farm spanning 386 acres. The potential capacity to be generated from the Umbrella Project is 100 megawatt. Additionally, there is also a proposal for the Cross Project, covering an area of 430 acres. The potential capacity will be 195 megawatt peak once materialised. Both of these projects are expected to be a catalyst to the economic development in the Northern region of Selangor State.



#### Enhancing Social Inclusivity and Wellbeing

As part of the *Ekonomi MADANI* Budget 2023 initiatives, the National Level MyPSV Programme Launch Ceremony was organised by the Ministry of Transport (MOT), in collaboration with the MPHS and agencies of the Hulu Selangor District. This programme aims to help the B40 group obtain a Public Service Vehicle Vocational License (PSV), including e-hailing and bus drivers from the B40 group. This initiative promotes social inclusivity by providing opportunities for the B40 group to participate in the public service vehicle industry. In support of the UN SDG agenda, MPHS has progressed significantly on three of the SDGs, namely SDG 1, SDG 2, and SDG 3. Beneficiaries who have received assistance from the Endowment MPHS include 1,300 low-income students whose Parents Teacher Association (PTA) fees have been paid. Additionally, another benefit is the ongoing restoration project of a transit center in Kuala Kubu Bharu. Currently, the provision of benefits also involves a free breakfast program for all primary school students in the district.



#### Advancing Sustainability

In line with promoting a circular economy, MPHS launched a Used Oil Recycling Programme under the Waste Fund Programme (SIDINA). The programme includes the recycling of various items, including used cooking oil. The collaboration between MPHS and Trash4Cash facilitates the purchase of used cooking oil (UCO) at a price of RM2.30 per kilogram. The other approved and operational renewable energy projects developed in partnership with private sectors are a floating solar farm and a mini hydro project in Sungai Batang Kali. Furthermore, a solar company from China has invested in one of the largest solar panel plant outside of China. The factory situated in the Serendah High-Value Industrial Town will become a leading supplier of solar panels, further promoting the green technology agenda in Hulu Selangor under the Selangor Agenda for Green Energy (SAGE) 2022 - 2032.



#### S.M.A.R.T. and Effective Governance

The Smart Selangor Government Care Initiative (SSIPR) focuses on poverty eradication within the rural community. This includes the implementation of Selangor's Poverty Eradication Blueprint Programme, which supports the B40 group with machinery to become more entrepreneurial. Other programmes, such as the Indian Selangor Empowerment and Entrepreneurs Development (i-SEED) Programme and DUMS, also contribute to poverty eradication efforts. These initiatives align with the Strategic Plan of Hulu Selangor District and Land Office 2022-2026, which emphasises the importance of addressing poverty and promoting economic empowerment within the district. Furthermore, MPHS has a vision to be a low carbon city through green technology application through five strategic thrusts: better governance to reduce 10% of carbon emissions by 2035; developing Hulu Selangor district as an energy efficient city; reduce solid waste by 10%; reduce wastewater and creation of liveable cities.

### Mapping MURNInets achievements based on the RS-1 Strategic Themes

Strategic themes	2021	2022	2023
<b>Strengthening the Economy</b>	0.88	0.75	1.00
<b>Enhancing Social Inclusivity and Wellbeing</b>	0.84	0.98	0.99
<b>Advancing Sustainability</b>	0.93	0.89	0.94
<b>S.M.A.R.T and Effective Governance</b>	1.00	1.00	1.00

● Sustainable    
 ● Partially Sustainable    
 ● Less Sustainable



# Gombak

Catalysing growth through social empowerment and sustainability

## Pejabat Daerah dan Tanah Gombak

### FACTS AND FIGURES

#### Population

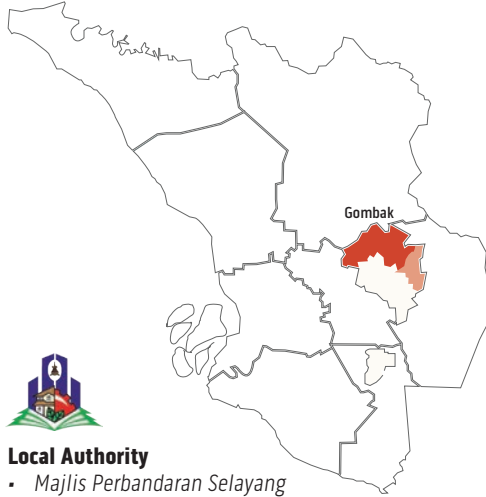
- 945,500 (2022)

#### Socio-economic profile

- RM8,501 median household income per month
- 88.3% of population with internet access

#### Economic cluster

- Education; Services; Ecotourism; Urban economic services



#### Local Authority

- Majlis Perbandaran Selayang

#### Key Policies

- MPS Strategic Plan
- Selayang Local Plan

#### Awards and Recognition



#### Top contributions towards SDGs



### Mapping MURNInets achievements based on the RS-1 Strategic Themes

Strategic themes	2021	2022	2023
Strengthening the Economy	0.88	1.00	0.88
Enhancing Social Inclusivity and Wellbeing	0.92	0.89	0.93
Advancing Sustainability	0.90	0.94	0.91
S.M.A.R.T and Effective Governance	1.00	1.00	0.89

● Sustainable ● Partially Sustainable ● Less Sustainable

### Important progress since RS-1 implementation: Majlis Perbandaran Selayang (MPS)



#### Strengthening the Economy

Gombak positions itself as a knowledge city and unlocking its potential through improved infrastructure and access. This recognition positions Gombak as a hub for knowledge-based industries, research institutions and educational facilities. In line with that MPS is working on building its talent base to attract more businesses and investors. The improved access to education, infrastructure, public transportation, research facilities and skills development will further contribute to the economic advancement of Gombak and the neighbouring districts by providing the human capital.



#### Enhancing Social Inclusivity and Wellbeing

MPS collaborated with Platform Selangor (PLATS) to organise a Micro-Traders Development Training Programme for approximately 170 food stall operators and micro traders. The programme aimed to enhance their skills in adopting technology to improve their businesses, contributing to the growth of the local economy. Affordable housing is a concern which MPS is addressing with the State Government under the RS-1 and Selangor Structure Plan. Such discussions are also included in the District Poverty Eradication Focus Group to address pockets of urban poverty that exists in the district.



#### Advancing Sustainability

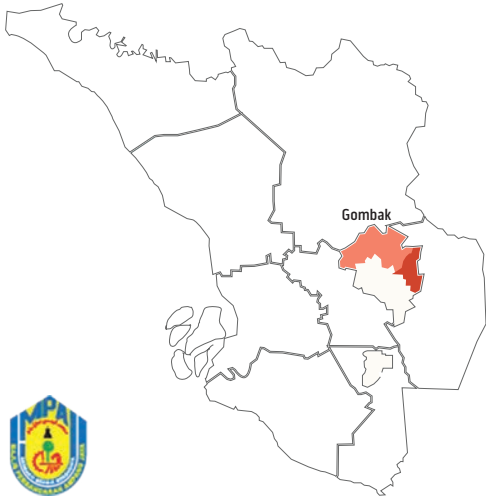
MPS takes an active role in addressing the issue of illegal waste dumping, a Councillors Task Force was established in Gombak Setia and villages near Selayang. This initiative aligns with the State's ambition to increase waste recycling and create a clean city. Furthermore, the upcoming phase of the RS-1 involves preparations for the construction of the proposed waste-to-energy plant in Rawang, the SISGEP. It will generate 58 megawatts of electricity from municipal waste Selangor, contributing to Selangor's energy transition and waste management goals.



#### S.M.A.R.T. and Effective Governance

MPS is working with the State agencies in leveraging digital technologies to provide better access to government services, streamline administrative processes and enhance communication with residents. The initiatives include developing e-Tanah, DUMS and i-SEED online platforms.





**Local Authority**

- Majlis Perbandaran Ampang Jaya

**Key Policies**

- MPAJ Strategic Plan
- Ampang Jaya Local Plan

**Awards and Recognition**



**Top contributions towards SDGs**



**Mapping MURNInets achievements based on the RS-1 Strategic Themes**

Strategic themes	2021	2022	2023
Strengthening the Economy	0.75	0.75	0.75
Enhancing Social Inclusivity and Wellbeing	0.84	0.91	0.99
Advancing Sustainability	0.79	0.90	0.95
S.M.A.R.T and Effective Governance	0.89	0.89	1.00

● Sustainable ● Partially Sustainable ● Less Sustainable

**Important progress since RS-1 implementation: Majlis Perbandaran Ampang Jaya (MPAJ)**



Spanning across Gombak and Hulu Langat, Ampang Jaya is experiencing economic growth through the spillover effects of Greater Kuala Lumpur. To further enhance its development, the MPAJ has partnered with a major telecommunications company to drive digital transformation in Hulu Klang. As part of the urban revitalisation strategy, MPAJ has been upgrading greyfield areas (e.g., old shopping centers) and brownfield with economically viable activities. This is complemented by introducing natural tourism products as part of the EcoTourism Master Plan initiative. MPAJ also works with the business communities to steer innovation and research at the local and international levels.



**Enhancing Social Inclusivity and Wellbeing**

MPAJ looks into social inclusivity and wellbeing on different fronts, such as through preparing for an ageing society and develop joint programs with the community through the involvement of Council Members, empowering residents' associations, fostering close relationships with schools, mosques, communities, NGOs and orphanages. Under its *Program Kongsí Rezeki*, MPAJ has extended its support to 46 mosques and *surau*, as well as eight welfare homes and orphanages by distributing cash donations of RM1,000 to these institutions, while the public contributed daily necessities like rice and sugar for the needy during Ramadan. The council allocated RM57,200 for these initiatives, with RM11,000 coming from the MPAJ Endowment programme for charity. The council aims to strengthen community ties through events like the Ampang Jaya Community Iftar programme and encourages public donations of food and necessities at Menara MPAJ in Pandan Indah. Furthermore, MPAJ actively supports the State's efforts in providing affordable housing and cohesive urbanisation by rejuvenating old towns and areas, including older parts of Ampang, to ensure that they keep pace with development in surrounding new areas.



**Advancing Sustainability**

The implementation of a Landscape Master Plan in Ampang Jaya focuses on greening and beautifying specific areas, while the construction of pedestrian pathways aims to improve accessibility and promote a more inclusive and walkable environment for residents. Addressing waste is critical because Gombak houses a water catchment area. One of RS-1's PPI addresses better enforcement and monitoring to ensure that the water reserve is protected. Similar to MPS, MPAJ is developing the first GHG inventory as part of the Ampang Jaya Low Carbon City Action Plan 2030 to create a liveable and safe city. The Plan looks into reducing carbon emissions by shifting energy consumption, mobility patterns and resource use.



**S.M.A.R.T. and Effective Governance**

MPAJ is in the process of completing their first Voluntary Local Review (VLRs) to demonstrate their contributions to the SDGs. The efforts are guided by the State Government's commitment to promote localisation of the SDGs in the districts and neighbourhoods. The process of developing their own implementation plan and VLR offers an opportunity for the local authority and communities to capacitate and co-create solutions. For example, MPAJ works closely with the local community to identify urban pockets suitable for landscaping activities. To drive digital transformation, MPAJ partners with the private sector to expedite the district's transition into a smart city in line with MPAJ's Smart City Framework that focuses on smart infrastructure, economy, environment and governance. The partnership will explore the 5G technology implementation for advance connectivity and digital services. The upcoming MRT-3 development will also improve connectivity, integrating Ampang Jaya into the Greater Kuala Lumpur region.

# Petaling

Selangor's testbed for innovative design and implementation

## Pejabat Daerah dan Tanah Petaling

### FACTS AND FIGURES

#### Population

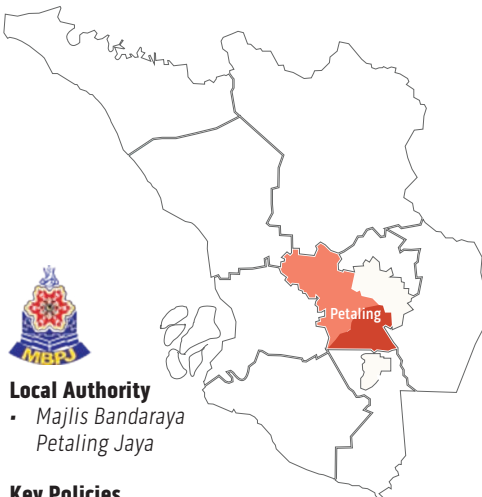
- 2,290,000 (2022)

#### Socio-economic profile

- RM8,993 median household income per month
- 95% of population with internet access

#### Economic cluster

- Aerospace and aerotropolis; Education; Services



#### Local Authority

- Majlis Bandaraya Petaling Jaya

#### Key Policies

- MBPJ Strategic Plan
- MBPJ Local Plan

#### Awards and Recognition



#### Top contributions towards SDGs



### Mapping MURNInets achievements based on the RS-1 Strategic Themes

Strategic themes	2021	2022	2023
Strengthening the Economy	0.75	0.75	0.75
Enhancing Social Inclusivity and Wellbeing	0.99	1.00	0.99
Advancing Sustainability	0.96	0.98	0.97
S.M.A.R.T and Effective Governance	0.96	0.96	1.00

● Sustainable ● Partially Sustainable ● Less Sustainable

### Important progress since RS-1 implementation: Majlis Bandaraya Petaling Jaya (MBPJ)



#### Strengthening the Economy

MBPJ focuses on creating a conducive environment for innovation and investing in human capital and talent development. It aims to attract high-value industries to create a vibrant and competitive economy that can thrive in the global market. The city is targeting both domestic and foreign investments by providing effective policy framework and planning development. To leverage its strategy, the city will appoint a dedicated Investment Officer to oversee and facilitate any investment that need help from the city. The development strategy includes focusing on areas around transit stations through the implementation of Transit-Oriented Development (TOD) guidelines. This approach encourages mixed-use development, efficient transportation systems, and vibrant economic activities in these areas. The city also aims to develop its tourism sector, positioning Petaling Jaya as an International Cultural Exchange City. This will not only attract tourists but also create opportunities for local businesses and entrepreneurs. Additionally, the city emphasises the development of micro-entrepreneurs and the informal sector, providing support and resources to help them thrive and contribute to the local economy.



#### Enhancing Social Inclusivity and Wellbeing

MBPJ's Inclusive City focuses on addressing the needs and involvement of all groups, including children, women, senior citizens, PWD, and the urban poor, in its development planning and community building across three spectrums: spatial, social, and economic. In terms of spatial inclusivity, the goal is to ensure barrier-free development of housing, urban centres, public facilities, and recreational areas through universal design principles. Social inclusivity include the participation of underserved groups in decision-making processes. Economic inclusivity aims to provide opportunities for underserved groups to improve their economic status and resilience. The objectives include realising 100% accessibility to urban centres and public parks by all. In addition, compliance to universal design principles by all new development and achieving 30% of women participation in policy-making and programmes, would be important. Reducing the poverty rate to less than 0.6% of the total population will remain the main objectives of the city to ensure inclusivity and wellbeing of its residents. Along these lines, MBPJ provides an annual tuition programme for B40 SPM candidates. These initiatives aim to create an inclusive city where all individuals have equal opportunities and access to resources and services, regardless of their background or circumstances.



#### Advancing Sustainability

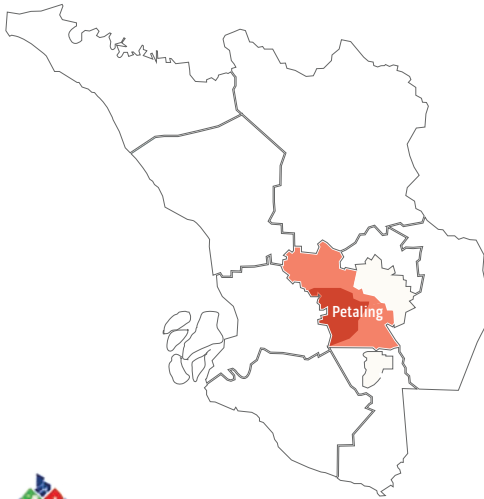
MBPJ is the first local authority that introduced the Climate Action Plan 2030 in March 2023 to decouple growth from carbon emissions. The Plan aims to reduce 33% carbon emissions by 2030 in line with the National Low Carbon Cities Masterplan. The Plan contains six themes and 56 Action Plans that addresses vulnerability and resilience of MBPJ such as renewable sources and energy efficiency; pedestrian first and green transportation. As such, MBPJ identified RM9 billion worth of climate mitigation and adaptation projects that would absorb or evade six million tonnes of CO<sub>2</sub>. For example, the council will scale up the installation of rooftop solar and EV charging facilities, as well as expanding the urban tree canopy by planting 75,000 trees by 2025. About RM13 million has been allocated to implement landscaping and drainage works in 37 areas in MBPJ in 2024.



#### S.M.A.R.T. and Effective Governance

The city aims to utilise information and communication technology (ICT) and IoT solutions to achieve sustainable and inclusive urban development. The Petaling Jaya Smart Centre will serve as the main hub for collecting valuable data from various mini smart centres within government departments. 38 out of 44 dashboards will be developed to address the city's main agendas, including inclusive city, low carbon city, child-friendly city, learning city, economically vibrant city, circular economy city, Society 5.0 city, safe and resilient city, and e-governance city. The main data centre will gather, analyse, and provide reports on the progress of the city's strategic plan for 2030. The focus of e-governance is to establish efficient, transparent, accountable, and integrity-driven administration through the use of smart technology and IoT. This includes improving communication between the city council, residents, businesses, NGOs, and other government agencies. The goals include efficient and transparent service delivery systems, achieving a 5-star rating index annually, international and national recognition for best practices, resident satisfaction rate above 95%, revenue collection rate exceeding 90%, public participation in decision-making processes, and at least a 2% annual increase in non-tax revenue.





**Local Authority**

- Majlis Bandaraya Subang Jaya, MBSJ

**Key Policies**

- MBSJ Strategic Plan
- MBSJ Voluntary Local Review
- MBSJ Local Plan

**Awards and Recognition**

SDG CITIES CERTIFICATE OF RECOGNITION FOR COMPLETION OF SDG CITY ROADMAP AND VLR

MURNInets 2023 SUSTAINABLE CITIES AWARD

GOLD AWARD FOR STRATEGIC PLANNING FOR THE 2022 MIP PLANNING EXCELLENCE AWARD

**Top contributions towards SDGs**



**Mapping MURNInets achievements based on the RS-1 Strategic Themes**

Strategic themes	2021	2022	2023
<b>Strengthening the Economy</b>	0.83	0.75	0.75
<b>Enhancing Social Inclusivity and Wellbeing</b>	0.94	0.96	0.97
<b>Advancing Sustainability</b>	0.88	0.89	0.95
<b>S.M.A.R.T and Effective Governance</b>	1.00	1.00	1.00

● Sustainable ● Partially Sustainable ● Less Sustainable

**Important progress since RS-1 implementation: Majlis Perbandaran Subang Jaya (MBSJ)**



**Strengthening the Economy**

Similar to other municipalities in Petaling, Subang Jaya has a diverse economic structure, with a strong presence in manufacturing, services, retail, education, and healthcare sectors. To achieve its 2035 aspiration of creating a sustainable city of choice and opportunity, the city focuses on promoting innovation and entrepreneurship, enhancing connectivity and infrastructure, developing human capital, attracting FDI and supporting tourism and hospitality. For example, the facilitation approach adopted by MBSJ in streamlining the business licensing process has resulted in a significant increase in applications and collections. This has been achieved through the introduction of new Licensing Guidelines that align with current business trends and the improvement of the online platform for new and renewal licensing applications. These measures have made it easier and more efficient for businesses to obtain the necessary licences, contributing to the growth and development of the business sector in Subang Jaya.



**Enhancing Social Inclusivity and Wellbeing**

The Subang Jaya Local Plan 2035 ("Plan 2035") focuses on six main thrusts, including creating a Green City, Smart City, Health City, Wellbeing City and Women-Friendly City. All of which puts the community and vulnerable population at the centre, particularly women, children and urban poor. For example, the Urban Community Wellbeing Programme (PKMB), formerly known as the Urban Poverty Eradication Programme (PPKB), is an initiative that focuses on supporting the B40 groups, residents of low-cost housing, residents associations, local communities, youth, and small and medium industries. MBSJ has allocated RM290,000 for the Urban Community Welfare programme and RM2,000 to each Residents Representative Council (MPP) through the PKMB Allocation Grant. Throughout 2019, 21 PKMB Entrepreneur Programmes were successfully implemented with an expenditure of RM42,000. The programmes include workshops on cake and bread making, creating crafts from used items, and visits to KEMAS in Kampung Endah, Banting. SJCC also offers PKMB classes such as sewing, handicrafts, culinary skills, and hydroponics, providing opportunities for the target group to develop skills and improve their living standards.



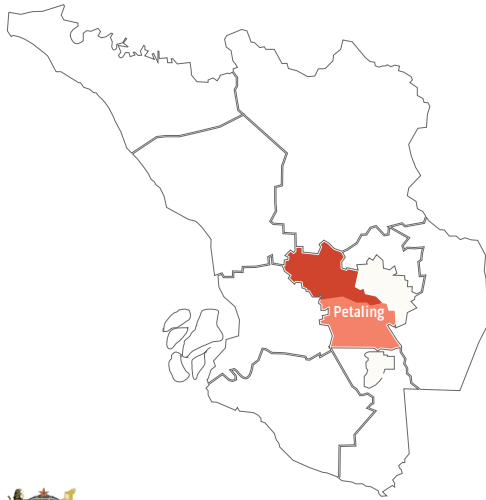
**Advancing Sustainability**

The Plan 2035 places a strong emphasis on sustainability, incorporating principles of environmental conservation, resource efficiency, and climate resilience. The MBSJ actively participates in initiatives such as the VLR and has developed a GHG inventory. MBSJ is committed to disaster risk resilience and is involved in the Selangor State Task Force and the State Disaster Unit Command Centre. The city has made progress in providing dedicated walkways for pedestrians along roadsides, but efforts are needed to enhance seamless connectivity. Urban farming initiatives are also being explored to promote sustainable food production.



**S.M.A.R.T. and Effective Governance**

MBSJ stands out in terms of working with international organisations such as the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) in developing a COVID-19 recovery and resilience plan that promotes sustainable, resilient, and inclusive economic and financial responses. Additionally, the establishment of the Subang Jaya Vibrant Command Centre (SJVCC) integrates the SJCC Call Center, CCTV Control Room, and emergency management functions, serving as a hub for information, emergency response, and CCTV monitoring. SJCC is also at the forefront of utilising 5G technology in its operations, implementing pilot projects such as Smart Traffic Lights, Smart Parking, and Smart Safety solutions to enhance traffic flow, parking management, and security through real-time data and AI-powered monitoring. These initiatives demonstrate MBSJ's commitment to smart governance and leveraging technology for efficient and effective city management. Furthermore, the preparation of the Subang Jaya Strategic Plan 2020-2025 is evidence of the city's commitment to providing options and space for its residents with the goal of becoming a Sustainable and Smart City, a Commercial Hub, and a Dream Residential Area through maintaining its unique identity as a Smart Vibrant City that is lively, spirited, energetic, friendly, green, and smart.



**Local Authority**

- Majlis Bandaraya Shah Alam

**Key Policies**

- MBSA Strategic Plan
- MBSA Local Plan
- MBSA Voluntary Local Review

**Awards and Recognition**

DIAMOND AWARD FOR THE 2030 LOW CARBON CITY CHALLENGE	MLAA HONOUR AWARD FOR THE GOVERNMENT GREEN INITIATIVE AWARDS CATEGORY	2023 SMART CITY RATING AWARDS
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**Top contributions towards SDGs**



**Mapping MURNInets achievements based on the RS-1 Strategic Themes**

Strategic themes	2021	2022	2023
Strengthening the Economy	0.58	1.00	0.75
Enhancing Social Inclusivity and Wellbeing	0.96	0.90	0.78
Advancing Sustainability	0.92	0.92	0.91
S.M.A.R.T and Effective Governance	0.89	0.89	1.00

● Sustainable ● Partially Sustainable ● Less Sustainable

**Important progress since RS-1 implementation:  
Majlis Bandaraya Shah Alam (MBSA)**



**Strengthening the Economy**

Spanning across Petaling and Klang districts, Shah Alam is one of Selangor's growing economic centres and the Selangor's administrative capital. The Shah Alam Local Plan 2035 aims to attract more commercial and industrial developments, with a focus on providing the necessary facilities and infrastructure to support economic growth. The plan identifies seven focus areas to be developed into vibrant economic hubs, such as Kota Kemuning, Kwasa Damansara. As the most populous state in Malaysia, Selangor is also recognized as an economic powerhouse, benefiting from its strategic transportation connections and key infrastructure assets.



**Enhancing Social Inclusivity and Wellbeing**

MBSA undertakes various initiatives targeted to the different population groups. For example, they provide door-to-door services to support patients in accessing free medical treatment and offer financial assistance worth RM287,000 to the hardcore poor community in collaboration with *Perbadanan Kemajuan Negeri Selangor* (PKNS) and *Lembaga Zakat Selangor* (LZS). The *Rumah Selangorku* programme by LPHS offers affordable quality homes, including rental programmes for the disabled and low-cost housing for the B40 household. Infrastructure development, such as road upgrades and the provision of facilities like hospitals, schools, and police stations, is prioritised. The aim is to bridge the gap in living standards between urban and suburban residents and ensure the wellbeing and inclusivity of all residents in Shah Alam.



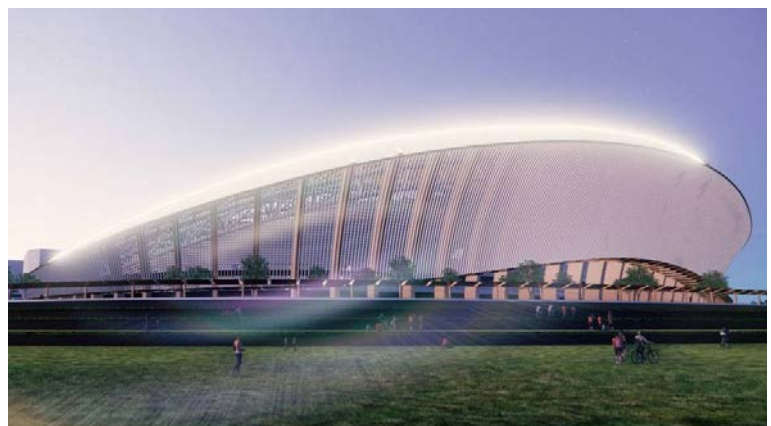
**Advancing Sustainability**

The Shah Alam Low Carbon City Action Plan 2035 lays the foundation for Shah Alam's environmental sustainability and climate change efforts to reduce absolute GHG emissions by 33% in 2030 and carbon neutrality by 2050. This includes prioritising public transportation and aiming for a split mode share of 40:60 between public transportation and private vehicles by 2035. The city introduced 31 km of active mobility infrastructure and 21km of free bus routes under the Smart Selangor Bus programme. Continuous priority on flood mitigation and disaster prevention as Shah Alam and Klang were the worst affected areas in Selangor during the 2021 flood. MBSA allocated RM300 million for five years to upgrade drainage system with additional pump units and reservoirs and add water pump units and reservoirs. *Skuad Pasukan Tindakan Segera* (Skuad PANTAS) was established to handle emergencies and disasters in Shah Alam. The city conducted a joint study with Japan on an early disaster warning system by 2022. The sustainability efforts are reported in the VLR of Shah Alam.



**S.M.A.R.T. and Effective Governance**

MBSA has implemented various governance initiatives to enhance efficiency and convenience for the public. The introduction of the Electronic Public Services (ePS) allows customers and the public to conduct business online, reducing the need for physical queues at counters. Additionally, MBSA has installed approximately 1,972 free Wifi hotspots throughout the city, promoting connectivity and digital access for residents. The council has also prioritised the development of affordable housing, with 3,842 units being constructed to address housing needs. In terms of disaster monitoring and management, MBSA operates a Smart Selangor Command Centre, which utilises advanced technologies to monitor weather conditions, sea levels, air pollution, floods, and other relevant data. These governance initiatives demonstrate MBSA's commitment to leveraging technology and efficient systems to improve service delivery and enhance the overall wellbeing of Shah Alam's residents.



# Klang

Selangor's testbed for innovative design and implementation

## Pejabat Daerah dan Tanah Klang

### FACTS AND FIGURES

#### Population

- 1,093,300 (2022)

#### Socio-economic profile

- RM7,888 median household income per month
- 87.5% of population with internet access

#### Economic cluster

- Ecotourism; Maritime and ports



#### Local Authority

- Majlis Bandaraya Diraja Klang

#### Key Policies

- MBDK Strategic Plan

#### Awards and Recognition



#### Top contributions towards SDGs



### Mapping MURNInets achievements based on the RS-1 Strategic Themes

Strategic themes	2021	2022	2023
Strengthening the Economy	0.88	0.58	0.75
Enhancing Social Inclusivity and Wellbeing	0.92	0.89	0.99
Advancing Sustainability	0.79	0.91	0.91
S.M.A.R.T and Effective Governance	0.89	1.00	1.00

● Sustainable ● Partially Sustainable ● Less Sustainable

### Important progress since RS-1 implementation: Majlis Bandaraya Diraja Klang (MBDK)



#### Strengthening the Economy

Klang is a major port city in Selangor and its economy leverages the good transport infrastructure, particularly port and rail connections. The upcoming LRT3 line, set to be operational in 2025, will greatly improve transportation connectivity for the approximately 2 million residents in the western corridor of Klang, facilitating economic growth in the region. Additionally, the *Jajaran Rel Kita Selangor* rail project will connect Klang to Kuala Selangor, Tanjong Karang, and Sabak Bernam, enabling efficient transportation of goods and people between districts, fostering regional integration, and supporting economic growth. A newly approved project is a 1,500 hectare site approved for logistics, strengthening Klang's position as a logistics and port city. Overall, the development and improvement of transport infrastructure, including the port and rail connections, play a crucial role in driving economic growth and attracting investments to Klang. These initiatives enhance connectivity, facilitate trade, and create opportunities for businesses and industries to thrive in the region.



#### Enhancing Social Inclusivity and Wellbeing

The social inclusivity strategy in Klang focuses on ensuring controlled and well-planned housing development, preserving cultural and heritage features, and providing a quality, healthy, and livable housing environment. This includes the development of 19,000 units of affordable housing (*Perumahan Mampu Milik*) by 2035 to cater to various groups, upgrading existing affordable housing, and retaining traditional villages as heritage elements. The strategy also emphasises the provision of sufficient, safe, and inclusive community facilities, such as hospitals, health clinics, schools, fire stations, police stations, and multi-purpose halls, based on population projections and needs. The goal is to create a housing environment that is accessible, inclusive, and meets the needs of the community, while preserving cultural heritage and ensuring the availability of essential community facilities for the wellbeing of residents.



#### Advancing Sustainability

In Klang, there is a strong focus on flood mitigation and river clean-up efforts to enhance sustainability. This includes expanding the carrying capacity of catchment areas and flood retention ponds, as well as developing a flood mitigation masterplan for the Sungai Damansara catchment, Sungai Subang, and Sungai Buloh river basins. These initiatives aim to reduce the impact of flooding and protect the surrounding areas from potential damage. Additionally, ongoing efforts are being made to develop the PIPP as a 1,200 megawatts natural gas Combined Cycle Gas Turbine (CCGT) facility. PIPP is designed to achieve an efficiency of more than 60% of its coal and oil equivalent, promoting cleaner and more sustainable energy generation in the region. This development aligns with the goal of advancing sustainability and reducing environmental impact in Klang. Additionally, the city council has developed its MBDK Low Carbon Plan 2027 which will serve as a key document that guides its development towards becoming a sustainable city. Efforts are also being made to enhance the environment and attractiveness of Klang. The ZPE SMG project includes clearing 75,000 tonnes rubbish from the Sungai Klang, desilting, and deepening the river to improve water quality and carrying capacity. This initiative aims to create a more livable environment and attract RM1 billion in investment to the area.



#### S.M.A.R.T. and Effective Governance

Klang recently upgraded its status to a city, known as the Majlis Bandaraya Diraja Klang. In the next phase of RS-1, the four city councils (Klang, Subang Jaya, Shah Alam and Petaling Jaya) will be cornubated as the Selangor Greater Klang Valley, adopting the metropolitan growth model, serving as a pioneering testbed for high-tech governance.

# Hulu Langat

Steering green urban design and development

## Pejabat Daerah dan Tanah Hulu Langat

### FACTS AND FIGURES

#### Population

- 1,417,500 (2022)

#### Socio-economic profile

- RM8,361 median household income per month
- 93.4% of population with internet access

#### Economic cluster

- Ecotourism; Services



#### Local Authority

- Majlis Perbandaran Kajang

#### Key Policies

- MPKj Strategic Plan
- Smart Kajang 2030
- Low Carbon City Framework
- Bandar Baru Bangi 2035

#### Awards and Recognition

GOLD AWARD FOR THE 2023 SIRIM INVENTION, INNOVATION AND TECHNOLOGY EXPO	2023 SMART CITY RATING AWARDS	5 DIAMOND AWARD FOR 2023 LOW CARBON CITIES AWARDS
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#### Top contributions towards SDGs



### Mapping MURNInets achievements based on the RS-1 Strategic Themes

Strategic themes	2021	2022	2023
Strengthening the Economy	0.83	0.67	0.75
Enhancing Social Inclusivity and Wellbeing	0.98	0.99	0.98
Advancing Sustainability	0.97	0.90	0.94
S.M.A.R.T and Effective Governance	1.00	0.89	1.00

● Sustainable ● Partially Sustainable ● Less Sustainable

## Important progress since RS-1 implementation: Majlis Perbandaran Kajang (MPKj)



### Strengthening the Economy

Business and services activities, especially in ecotourism, education and health are the backbone of the district of Hulu Langat in balancing urban and rural economic activities. The development spillover from the neighbouring big cities of Kuala Lumpur and Putrajaya makes areas within Hulu Langat cities of choice to live in as well as being one of the primary sources of services in Selangor for the affordable housing, education and health sectors. As the industry relies, efforts to support them include empowering business-friendly guidelines, creating business representation, and fostering relationships between businesses and councils. This is achieved through the review and selection of guidelines and developing joint business initiatives. Furthermore, Kajang has gained attention as a thriving city with improved connectivity through the MRT line, enhancing its appeal as a learning and education hub with renowned universities. These developments contribute to the overall growth and attractiveness of Kajang as a destination for residents and students.



### Enhancing Social Inclusivity and Wellbeing

To strengthen social networks, efforts are focused on establishing networks in each area, implementing relevant social programmes, and measuring their effectiveness. Community empowerment is prioritised through the selection of appropriate programmes, empowering community leaders, and regularly evaluating programme effectiveness. Additionally, the council implements happiness programmes, by utilising social media as a catalyst, creating initiatives to promote happiness within the local community, and implementing field programmes to engage residents. These efforts aim to foster stronger social connections, empower communities, and enhance overall wellbeing in the area.



### Advancing Sustainability

MPKj is involved in the National Low Carbon City Framework and has prepared the *Bandar Baru Bangi* Low Carbon City Action Plan 2035 as a low carbon zone pilot project within MPKj's administrative area that will be expanded to other urban areas. MPKj demonstrates its commitment to reducing carbon emissions and promoting sustainable practices by organising various low carbon competitions aimed at raising awareness and encouraging the implementation of green practices at the community level. MPKj is the first local authority in Malaysia to adopt the End-of-Life Vehicles (ELV) method since 2021 where every vehicle will be dismantled according to the SW422 (Department of Environment standards) method and components that are unrecyclable will be sent for further treatment process. MPKj is also dedicated to conserving natural resources, as seen in its ongoing efforts to prepare for the gazettement of the Central Forest Spine Selangor. MPKj has established its new Liveable City, Generative Economy vision that focuses on implementing the Smart, Green and Sustainable concept in every sector.



### S.M.A.R.T. and Effective Governance

MPKj has announced the implementation of the Majlis Perbandaran Kajang Smart City Action Plan 2030 (Smart Kajang 2030) that was developed in-house in 2023 using digital technology to catalyse eight sectors: smart food and agro; healthcare and education; disaster management; transport and mobility; water management; energy and utility and building. One of the goals is to achieve 100% 4G coverage throughout Kajang. Furthermore, MPKj introduced the Organisational Anti-Corruption Plan (OACP) 2022-2026, integral in implementing anti-corruption policies and preventing abuse of power and irregularities at the council.



# Kuala Langat

Expanding natural assets and geological heritage

**Pejabat Daerah dan Tanah Kuala Langat**

## FACTS AND FIGURES

### Population

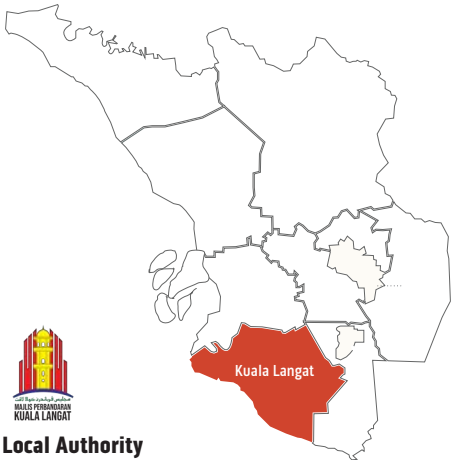
- 317,500 (2022)

### Socio-economic profile

- RM6,950 median household income per month
- 95.9% of population with internet access

### Economic cluster

- Education; Services



### Local Authority

- *Majlis Perbandaran Kuala Langat*

### Key Policies

- MPKL Strategic Plan
- MPKL Local Plan
- 2030 Kuala Langat Low Carbon City Action Plan
- MPKL Information and Communication Technologies Strategic Plan

### Awards and Recognition

GOLD AWARD FOR COMMUNITY BASED PLANNING FOR THE 2023 MIP PLANNING EXCELLENCE AWARD	GOLD AWARD FOR INTEGRITY, GOVERNANCE AND ANTI-CORRUPTION 2023	MURNInets 2023 MOST SUSTAINABLE CITIES AWARD
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### Top contributions towards SDGs



### Mapping MURNInets achievements based on the RS-1 Strategic Themes

Strategic themes	2021	2022	2023
<b>Strengthening the Economy</b>	1.00	0.58	1.00
<b>Enhancing Social Inclusivity and Wellbeing</b>	0.49	0.96	0.90
<b>Advancing Sustainability</b>	0.91	0.77	0.91
<b>S.M.A.R.T and Effective Governance</b>	0.81	0.93	1.00

● Sustainable ● Partially Sustainable ● Less Sustainable

## Important progress since RS-1 implementation: *Majlis Perbandaran Kuala Langat (MPKL)*



### Strengthening the Economy

IDRISS continues to be an integral economic growth impetus for Kuala Langat, focusing on industrial, logistics services, warehousing, business, housing, tourism and education sectors. Major projects expected is the Amverton Cove Eco-integrated Township, which comprises 70% industrial development, 20% commercial and 10% residential. The State is also stimulating incentives for the development of MIP to promote more development projects in IDRISS.



### Enhancing Social Inclusivity and Wellbeing

Kuala Langat focuses on creating a conducive ecosystem for inclusive business opportunities, promoting economic growth, and empowering communities to enhance social wellbeing. Initiatives such as the management of transparent permit and licence applications, the provision of affordable shop spaces in strategic business zones, and the establishment of centres of excellence in education and industry contribute to creating equal opportunities for businesses and residents.



### Advancing Sustainability

MPKL set a long-term target to reduce carbon emissions by 20% in 2025 and 45% in 2030 under the Low Carbon City Action Plan Kuala Langat 2030. Under the Plan, there are five main elements covering greenery, mobility, waste, energy and water, and governance. Additionally, the gazettelement of the Selangor Royal Heritage Forest, spanning approximately 108,000 hectares, aims to protect the natural environment and biodiversity along the CFS Selangor.



### S.M.A.R.T and Effective Governance

MPKL focuses on enhancing the efficiency and effectiveness of public services and infrastructure. Initiatives such as the management of traffic flow through smart traffic lights and smart parking systems, as well as the establishment of the Kuala Langat Command Centre, contribute to improving traffic management and ensuring smooth transportation. This also emphasises the monitoring and maintenance of road conditions, aiming for a high percentage of well-maintained roads and a low accident rate per population.



# Selangor

The pioneer in digitalisation

## Pejabat Daerah dan Tanah Sepang

### FACTS AND FIGURES

#### Population

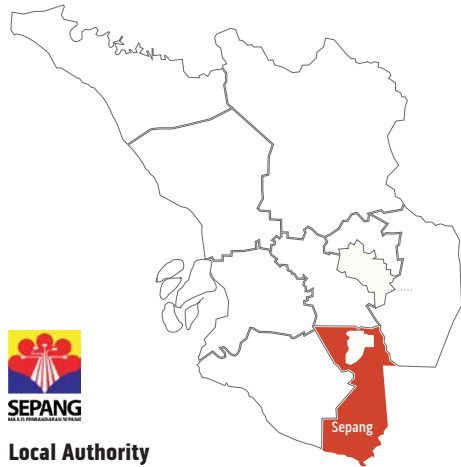
- 331,500 (2022)

#### Socio-economic profile

- RM8,937 median household income per month
- 94.5% of population with internet access

#### Economic cluster

- Aerospace and aerotropolis



#### Local Authority

- Majlis Perbandaran Sepang

#### Key Policies

- MPSP Strategic Plan
- MPSP Local Plan
- Smart and Low Carbon Cyberjaya Action Plan 2025 and Sepang SDG Roadmap 2030

#### Awards and Recognition



#### Top contributions towards SDGs



### Mapping MURNInets achievements based on the RS-1 Strategic Themes

Strategic themes	2021	2022	2023
Strengthening the Economy	02.9	0.75	0.83
Enhancing Social Inclusivity and Wellbeing	0.97	0.98	0.79
Advancing Sustainability	0.96	0.99	0.96
S.M.A.R.T and Effective Governance	0.85	0.85	1.00

● Sustainable ● Partially Sustainable ● Less Sustainable

### Important progress since RS-1 implementation: Majlis Perbandaran Sepang (MPSP)



#### Strengthening the Economy

Selangor, as part of the IDRIS development plan, is strategically positioning itself as a key player in the economic development in southern Selangor. The development of IDRIS will provide infrastructure and facilities, along with investor incentives, to attract investments and streamline development approvals. Notable projects such as Selangor Business Capital, Selangor Cyber Valley, Selangor Aero Park, and Sepang Goldcoast Global Village contribute to the economic growth of Sepang by creating opportunities for businesses and industries, attracting investments, particularly in the aerospace and aerotropolis sector.



#### Enhancing Social Inclusivity and Wellbeing

Selangor has made concerted efforts in fighting poverty to reduce the number of hardcore poor individuals, improve the living standards of the poor, and reduce the population below the poverty level. Ensuring compliance from developers in providing affordable housing in line with State targets is also a priority. Access to financial services, including microfinance and job matching, is being facilitated for the B40 group, and options such as renting or buying an affordable house or first house through the Rumah Selangorku, Selangor Rent Smart Programme are being promoted. One of the high-impact projects is the Sepang Care 4 U platform that functions as a comprehensive data system to provide helpline for impoverished families, complemented by a database of families in poverty and extreme poverty for targeted aid.



#### Advancing Sustainability

MPSP has set an ambitious target to achieve a 10% recycling rate for solid waste by 2025. This goal reflects their dedication to reducing waste and promoting a circular economy, focusing on initiatives such as converting food waste into compost fertiliser using anaerobic digesters and collecting used cooking oil for repurposing into eco-friendly Aedes BioBased Fuel (ABBF). These efforts not only minimise pollution and environmental damage but also add value to wasted resources. Additionally, MPSP promotes responsible waste management by composting landscape waste and utilising the resulting compost fertiliser for soft landscape areas. Furthermore, MPSP is developing its first GHG inventory system as part of the National Low Carbon City Plan. Through these initiatives, MPSP strives to be a clean, green, smart, and sustainable township.



#### S.M.A.R.T. and Effective Governance

The MPSP Strategic Plan for Digitalisation 2021-2025 drives digitalisation efforts in Sepang. Together with the State, MPSP has collaborated to establish a comprehensive telecommunication network system, enhancing communication and internet connectivity in the district. These initiatives contribute to good governance practices, creating an environment conducive to sustainable development and overall prosperity. The Industrial Park Management Committee serves as a platform for collaboration and coordination, ensuring effective regulation and facilitation of the industrial sector. Additionally, the establishment of an investment unit and the appointment of a dedicated investment officer further strengthen efforts to attract local and international investors to Sepang.



The background features a complex network of nodes and lines. The nodes are represented by small circles in various colors including red, orange, yellow, and green. The lines connecting them form a dense web. Overlaid on this network are large, wavy, ribbon-like structures in shades of red, pink, and yellow, which create a sense of movement and depth. The overall aesthetic is modern and digital.

# 009

**Way Forward**



RS-1 progress has been underpinned by Selangor's willingness to adapt to a dynamic macro environment and to seize emerging opportunities. In an increasingly competitive global economy, Selangor needs to be more agile and effective in addressing multifaceted issues. Selangor has embarked on a more balanced geographical development approach and provided opportunities for income generation across all segments of society. Social wellbeing will be further enhanced by prioritising environmental sustainability through green infrastructure and natural resource conservation. Finally, Selangor will enhance its implementation and enforcement capabilities by cultivating a workforce with diverse and advanced competencies as well as levelling up digital infrastructure towards a smart, liveable and prosperous State.





***The State strives for economic growth that takes into account social inclusivity and environmental sustainability. Food security, cleaner energy generation, water quality and availability, as well as digital adoption, amongst many other priorities, are emphasised in the Mid-Term Review of RS-1***

*- YAB Dato' Menteri Besar Selangor*



# Abbreviation

<b>Term</b>	<b>Definition</b>
ADN	Ahli Dewan Negeri
AHO	Authorised Halal International Selangor (HIS) Operator
AI	Artificial Intelligence
ANIS	Anak Istimewa Selangor
ASEAN	Association of Southeast Asian Nations
AWS	Amazon Web Services
B40	Bottom 40% of income earners
BESS	Battery Energy Storage System
BINGKAS	Bantuan Kehidupan Sejahtera Selangor
CBDRR	Community-Based Disaster Risk Reduction Programme
CCTV	Closed circuit television
CCUS	Carbon Capture, Utilisation and Storage
CEPat	Citizen e-Payment App
CFS	Central Forest Spine
CIP	Central Information Platform
CoE	Centres of Excellence
COVID 19	Coronavirus Disease 2019
CRA	Certificate Readiness Assessment
DDI	Domestic Direct Investments
DDMS	Digital Document Management System
DDOC	District Disaster Operations Centre
DOSM	Department of Statistics Malaysia
DUMS	<i>Dana Usahawan Madani Selangor</i>
DUN	Dewan Negeri
DWSB	Discovery Wetlands Sdn. Bhd
E&E	Electrical & Electronics
ECRL	East Coast Rail Link
EEV	Energy Efficient Vehicles
EM & EE	Energy Management & Energy Efficiency
ESG	Environmental, Social & Governance
EU	European Union
EV	Electric Vehicles
EXCO	Executive Council
F&B	Food & Beverages
FDI	Foreign Direct Investments
GDP	Gross Domestic Product
GDV	Gross Development Value
GHG	Greenhouse Gas

<b>Term</b>	<b>Definition</b>
GKAS	Small Environmental Grants (Geran Kecil Alam Sekitar)
GKTH	Small Green Technology Grants (Geran Kecil Teknologi Hijau)
GLCs	Government-Linked Companies
GPC	Global Protocol for Community-Scale Greenhouse Gas Emission Inventories
HEV	Hybrid Electric Vehicles
HIPERS	High Potential Student Programme
HITS	Halal Integrated Trade & Trace System
HLPF	High Level Political Forum
HPIPT	Hadiah Pengajian Institut Pengajian Tinggi
i-SEED	Indian Selangor Empowerment and Entrepreneurs Development
IAU	State Intelligence Analytics Unit
IDRISS	Integrated Development Region in South Selangor
IEIP	IoT-Enabled Industrial Park
IKTISASS	Inisiatif Kemahiran Teknikal dan Ikhtisas Smart Selangor
ILC	Independent Learning Centres
IMF	International Monetary Fund
IMFAN	International Muslim-Friendly Affiliated Network
IMP-NSPSF	Integrated Management Plan for North Selangor Peat Swamp Forests
IMP-SSPSF	Integrated Management Plan for South Selangor Peat Swamp Forests
IMPAK	Iltizam Penjagaan dan Pendidikan Kanak-Kanak
INSAN	Skim Insurans Am Negeri Selangor
IoT	Internet of Things
IR 4.0	Fourth Industrial Revolution
ISP	Iltizam Selangor Penyayang
ISWMC	Integrated Solid Waste Management Centre
IWRM	Integrated Water Resources Management
JAIS	Jabatan Agama Islam Selangor
JALIN	Jalur Lebar Industri Selangor
JICA	Japan International Cooperation Agency
JPNS	Jabatan Perhutanan Negeri Selangor
JPS	Jabatan Pengairan dan Saliran
JTPKSAS	Jawatankuasa Teknikal Pembangunan Kawasan Sensitif Alam Sekitar
KESAS	Konsortium Expressway Shah Alam Selangor Sdn Bhd
KIPK	Kursus Intensif Perkembangan Kanak Perkembangan
KPI	Key Performance Index
KSSA	Shah Alam Sports Complex
KTK	Kilang Tanpa Kebenaran
LLSB	Landasan Lumayan Sdn Bhd
LPHS	Lembaga Perumahan dan Hartanah Selangor

<b>Term</b>	<b>Definition</b>
LRT	Light Rapid Transit
LUAS	Lembaga Urus Air Selangor
M&E	Machinery & Equipment
MACC	Malaysian Anti-Corruption Commission
MBDK	Majlis Bandaraya Diraja Klang
MBI	Menteri Besar Selangor Incorporated
MBPJ	Majlis Bandaraya Petaling Jaya
MBSA	Majlis Bandaraya Shah Alam
MBSJ	Majlis Bandaraya Subang Jaya
MDSB	Majlis Daerah Sabak Bernam
MGTC	Malaysian Green Technology and Climate Change Centre
MIP	Managed Industrial Park
MLD	Millions of litre per day
MMKN	Majlis Mesyuarat Kerajaan Negeri
MMSW	Malaysia Maritime Single Window
MoA	Memorandum of Agreements
MoU	Memorandum of Understanding
MPAJ	Majlis Perbandaran Ampang Jaya
MPHS	Majlis Perbandaran Hulu Selangor
MPKj	Majlis Perbandaran Kajang
MPKL	Majlis Perbandaran Kuala Langat
MPKS	Majlis Perbandaran Kuala Selangor
MPS	Majlis Perbandaran Selayang
MPSp	Majlis Perbandaran Sepang
MQF	Malaysian Qualification Framework
MRCF	Materials Recovery and Collection Facilities
MRF	Material Recovery Facilities
MSF4.0 - CET	Malaysian Smart Factory 4.0 - Expansion for Centre of Emerging Technologies
MSMA	Manual Saliran Mesra Alam
MSME	Micro, Small and Medium Enterprises
MTR	Mid-Term Review
NADMA	National Disaster Management Agency
NDC	Nationally Determined Contribution
NETR	National Energy Transition Roadmap
NGOs	Non-Governmental Organisations
NIMP 2030	New Industrial Master Plan 2030
NRW	Non-revenue water
NSIP	NCT Smart Industrial Park

<b>Term</b>	<b>Definition</b>
OACP	Organisational Anti-Corruption Plan
OECD	Organisation for Economic Cooperation and Development
OGPV	Off-Grid Photovoltaic
OKU	Orang Kurang Upaya
PDT	Pejabat Daerah dan Tanah
PeBS	Penggerak Belia Selangor
PERHILITAN	Jabatan Perlindungan Hidupan Liar dan Taman Negara
PHEV	Plug-in Hybrid Electric Vehicles
PIPP	Pulau Indah Power Plant
PISPPANS	Pelan Induk Sisa Pepejal dan Pembersihan Awam Negeri Selangor
PKPS	Perbadanan Kemajuan Pertanian Selangor
PLATS	Platform Selangor
PM2.5	Particulate Matter 2.5
POC	Proof of Concept
POIS	Prevention of Outbreak at Ignition Sites
POV	Proof of Value
PPAS	Perbadanan Perpustakaan Awam Selangor
PPCP	Public-Private-Civil Partnership
PPIs	Projects, Programmes and Initiatives
PPP	Public-Private Partnerships
PRF	Permanent Reserve Forest
PROSAZ	Program Sekolah Angkat Zakat Selangor
PTEYS	Program Tingkatan 6 Yayasan Selangor
PTGS	Pejabat Tanah dan Galian Selangor
PTRS	Program Tuisyen Rakyat Selangor
PV	Photovoltaic
PWB	Pusat Wanita Berdaya
PWD	Person With Disabilities
R&R	Rest and Services
RIDE	Inisiatif Roda Darul Ehsan
RMC	Risk Management Committee
PMRS	Programme and Project Monitoring and Reporting System
RoRo	Roll on-Roll off
RS-1	Rancangan Selangor Pertama
RSHF	Royal Selangor Heritage Forest
RSNS	Rancangan Struktur Negeri Selangor
S-DAICO	Selangor Darul Ehsan Aerospace Industry Coordination Office
SABDA	Sabak Bernam Development Area
SAMA	Shah Alam Contemporary and Modern Arts

<b>Term</b>	<b>Definition</b>
SAP	Selangor Aero Park
SBAP	Selangor Biotechnology Action Plan
S-BIOCO	Selangor Biotechnology Coordination Office
SCALE	Smart Selangor Cloud Accelerator Learning Programme
SDCOE	Selangor Drone Centre of Excellence
SDGs	Sustainable Development Goals
SeGNet	Selangor Gigabit Network
SELBIO-ACCELERATOR	Selangor Biotechnology Accelerator Programme
SELCAN	Selangor Cancer Screening Programme
SeIGDX	Selangor Government Data Exchange
SELHAC	Selangor International Halal Convention
SERVE	Selangor Volunteer (Sukarelawan Selangor)
SEZ	Special Economic Zone
SGDT	Selangor Government Digital Training
SIGI	Selangor Government Incentives
SIAP	Selangor Implementation and Performance Monitoring Unit
SIBS	Selangor International Business Summit
SISGEP	Sultan Idris Shah Green Energy Plant
SMEs	Small Medium Enterprises
SPHM	Sijil Pengesahan Halal Malaysia
SPOC	Single Point of Contact
SSAF	Selangor Smart Agro Farm
SSAP	Selangor Smart Agro Park
SSDC	Smart Selangor Data Centre
SSDU	Smart Selangor Delivery Unit
SSFP	Selangor Skills Framework Platform
SSR	Star Rating System
STDC	Selangor Technical Skills Development Centre
STEM	Science, Technology, Engineering and Mathematics
STP	Selangor Tropical Papaya
TABA	Tabung Amanah Bencana Alam
TAWAS	Tabung Warisan Anak Selangor
TEUs	Twenty-foot Equivalent Units
TVET	Technical & Vocational Education and Training
TWNS	Tabung Warisan Negeri Selangor
UPBN	Unit Pengurusan Bencana Negeri
UIS	Universiti Islam Selangor
UNESCO	United Nations Educational, Scientific and Cultural Organization

<b>Term</b>	<b>Definition</b>
UNISEL	Universiti Selangor
VSR	Voluntary Subnational Review
WCE	West Coast Expressway Sdn Bhd
WTE	Waste-to-Energy
YoY	Year over Year
ZPE SMG	Zon Pembangunan Ekonomi Selangor Maritime Gateway









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**#KitaSelangor**