



SEPANG

VOLUNTARY LOCAL REVIEW

2023

WAKAF
BERKUALITI

SEPANG

Becoming a Clean, Green, Smart and Sustainable Township by 2030.





SEPANG VOLUNTARY LOCAL REVIEW 2023

PUBLISHER

Sepang Municipal Council

ADVISORS

- YBhg. Dato' Haji Abd Hamid bin Hussain *DSIS, AIS, PPT, PPC*
President, Sepang Municipal Council
- Tuan Muhammad Shah bin Osmin
Vice President, Sepang Municipal Council

CHIEF EDITOR

TPr.Rozeta Binti Md Yusuf
Director, Town Planning Department

EDITOR

Sustainable Development Unit, Sepang Municipal Council

MPSEPANG SDGS THINKER

- TPr.Rozeta Binti Md Yusuf
- Haji Ahmad Saifunazif Bin Mat Yatim
- Azirol Hisham Bin Azmi
- Sulaiman Bin Abi Hashim
- Noor Halif Bin Noorzan
- Mohamad Shahidan Bin Hj. Hashim
- Siti Shaidatul Hanim Binti Saharudin
- Lar. Ruhaila Binti Abdul Rahman
- Suhaila Binti Dahwan
- Suhana Binti Mohd Soib
- Mohd Salihin Bin Jelani
- Norita Binti Ahmad Patanah
- Mohd Adham Bin Haji Mahmood
- Mohd Zairi Bin Nasran
- Nurfarahin Binti Mohd Zahari
- Muhamad Yusuf Bin Abdul Wahab
- Nurhairun Nishaq Binti Nazlee
- Anisa Safwa Binti Shattri
- Suhaiza Binti Shariff
- Noor Afzan Binti Ali
- Hairom Bin Abdul Rashid

Any form of publication and photocopy of the Sepang Voluntary Local Review report must obtain permission from the Sepang Municipal Council.

The Sepang Municipal Council will not be responsible for any loss or damage caused by the use of information contained in this publication.

© 2023 | Sepang Municipal Council

This report is prepared by:
Sepang Municipal Council



With guidance:
Urbanice Malaysia



URBANICE
MALAYSIA

SEPANG VOLUNTARY LOCAL REVIEW

SEPANG MUNICIPAL COUNCIL



SEPANG
SEPANG MUNICIPAL COUNCIL



Contents

Preface

Contents		
1.0	Introduction	1
1.1	Selangor Today	2
1.2	Framework of Sustainable Development Goals (SDGs) for Selangor	3
2.0	Selangor Profile	4
2.1	Selangor Demography	5
2.2	Socio - Economics of Selangor	6
2.3	Development Trend	7
2.4	Development Prospect	8
3.0	Selangor SDGs Roadmap 2022	9
3.1	Process and Management Engagement Session	10
3.2	Selangor SDGs Wheel	11
3.3	Selection of Selangor SDG Champion	12
3.4	Findings and Summary	13
3.5	Preparation of Selangor VLR	16
4.0	Progress of SDG in Selangor	18
4.1	High Impact Projects	18
5.0	SDG Reporting in Selangor	22
	SDG 1 - No Poverty	22
	SDG 8 - Decent Work and Economic Growth	30
	SDG 9 - Industry, Innovation and Infrastructure	38
	SDG 11 – Sustainable Cities and Communities	45
	SDG 12 – Responsible Consumption and Production	51
6.0	Conclusion	57

PREFACE

Sepang Municipal Council (MPSepang) is a local authority in Selangor responsible for ensuring high-quality planning, development, and services for the community. MPSepang has identified the Sustainable Development Goals (SDGs) as a primary urban agenda to be implemented at the local level. Addressing challenges faced globally and locally, particularly during the Covid-19 pandemic, such as poverty, health, inequality, climate change, and environmental degradation, is crucial to propel the Sepang District towards sustainable development.

In achieving this goal, collaboration among MPSepang, the community, and stakeholders is pivotal to transform Sepang into an inclusive, sustainable, and livable city, aligning with MPSepang's vision of becoming a **Clean, Green, Smart, and Sustainable municipality by 2030**.

The Sepang Voluntary Local Review 2023 (Sepang VLR 2023) holds significant importance for MPSepang. It not only examines the range of services provided by MPSepang but also encompasses a broader scope, considering the environmental, social, and economic impacts on the Sepang community.

Through the Sepang VLR 2023, progress on each of the Sustainable Development Goals implemented by MPSepang and stakeholders can be documented, creating a robust platform to strengthen MPSepang's role in monitoring, assessing, and reporting on the progress of SDGs at the state and national levels. This facilitates identifying gaps and challenges, and enables the development of practical, integrated, and innovative strategies and actions.

This year, the focus of Sepang VLR 2023 will be on reporting the progress of the 5 SDGs Champions, namely SDG 1, SDG 8, SDG 9, SDG 11, and SDG 12, which have been and will continue to be implemented at the local level. May Sepang continue to flourish as an advanced, prosperous, and well-being district.

Dato' Haji Abd Hamid bin Hussain DSIS, AIS, PPT, PPC
President,
Sepang Municipal Council

“ The Sepang Municipal Council will ensure the sustainable agenda of 2030 is implemented by all through the localizing SDG program in Sepang.”





1.0 INTRODUCTION

"The Sepang Voluntary Local Review 2023 (Sepang VLR 2023) serves as a comprehensive report that monitors the ongoing advancements made in the implementation of the Sustainable Development Goals (SDGs) in Sepang"

The Sepang VLR 2023 marks a significant milestone for the Sepang Municipal Council as it presents its first report at the United Nation. This report holds great importance as it sets the agenda for Sepang's future implementation strategies.

Comprising two distinct parts, this report provides comprehensive insights. Part I focuses on Sepang's journey towards achieving the Sustainable Development Goals (SDGs), encompassing the city's profile, the Sepang SDG Roadmap report, and the selection of 5 SDG Champions who will drive the implementation efforts in Sepang until 2025. Additionally, Part I outlines the process involved in producing the Sepang VLR 2023.

On the other hand, Part II delves into the specific goals and directions pursued by the 5 SDG Champions in Sepang, which include:

- SDG 1: No Poverty
- SDG 8: Decent Work and Economic Growth
- SDG 9: Industry, Innovation, and Infrastructure
- SDG 11: Sustainable Cities and Communities
- SDG 12: Responsible Consumption and Production

The Sepang VLR 2023 report places a strong emphasis on both quantitative and qualitative aspects, ensuring that each project carries substantial impact and can be measured effectively. Feasibility assessments will be conducted at various levels, involving implementing agencies and the target groups, particularly the local community.

By prioritizing comprehensive analysis and measurable outcomes, the Sepang VLR 2023 report aims to drive tangible progress and ensure sustainable development in Sepang. This milestone report sets the stage for meaningful actions, empowering Sepang to fulfill its commitment to the SDGs and pave the way for a prosperous future.



1.1 SEPANG TODAY

SEPANG ACHIEVES SUSTAINABLE DEVELOPMENT GOALS (SDGS)

Selangor, together with the Shah Alam City Council and Subang Jaya City Council, is actively demonstrating its commitment to the sustainable development goals agenda in Malaysia. These local government authorities in Selangor state have initiated efforts to implement SDGs at the local level, focusing on environmental, social, and economic sustainability to improve the quality of life and foster inclusive development for the people of Sepang. This initiative aligns with the policies and core management principles of the Sepang Municipal Council, which wholeheartedly supports the pursuit of SDGs within the Sepang district.



VISION

'Becoming a Clean, Green, Smart, and Sustainable Municipality by 2030'

MISION

'Implementing Creative and Innovative Municipal Services by Adopting Green Technology in Development towards Accelerating Economic Growth'

MOTTO

'Clean, Green, and Prosperous Sepang'

CORE

- Core 1: Sepang Shared Responsibility Net**
- Core 2: Technology & Green Environment A Priority**
- Core 3: Sustainable Development**
- Core 4: Happy Community**
- Core 5: Excellent Governance**

1.2 FRAMEWOK OF SUSTAINABLE DEVELOPMENT GOALS (SDGs) FOR SEPANG

POLICY AND IMPLEMENTATION FRAMEWORK OF SDGs IN SEPANG

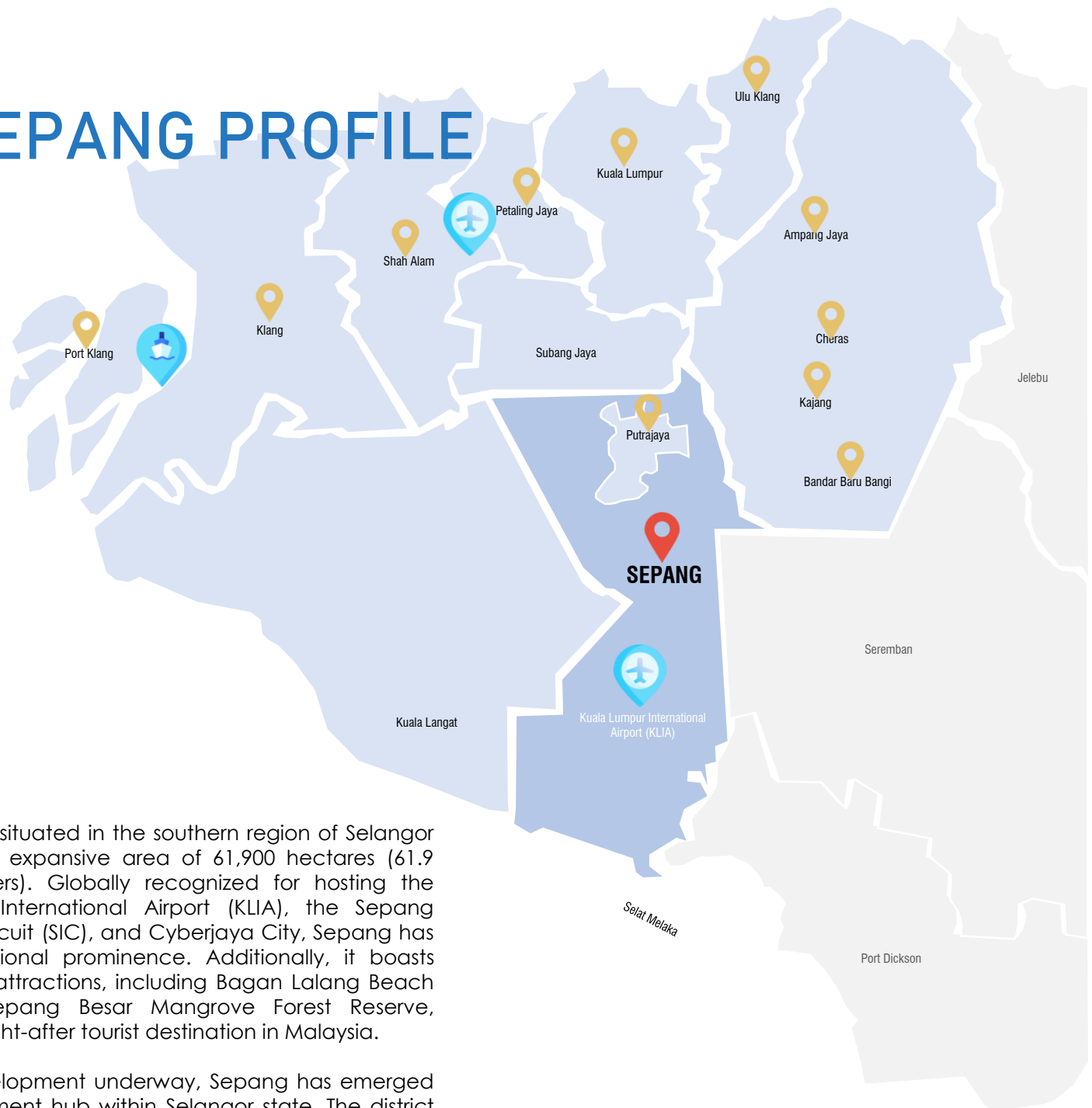
Being the Local Authority, MPSepang carries a wide range of intricate responsibilities, such as providing public health services, managing sanitation and waste, urban planning, protecting the environment, overseeing social and economic development, and maintaining infrastructure. In order to enhance the effectiveness and efficiency of administration and implementation at the local level, it is crucial to consider a comprehensive framework that incorporates the National Policy and State Strategic Plan.



From top left to right: National Physical Plan 4; National Urbanisation Policy 2; National Green Technology Policy; National Low Carbon Cities Master Plan; Guidelines for Green Urban Planning: Low Carbon City framework; Green Technology Master Plan. Malaysia 2017-2030; MURNinets; Malaysia SDG Cities; Selangor State Structure Plan 2035; Selangor First Structure Plan; Smart Selangor Action Plan 2025; Selangor State Green Technology Action Plan; Selangor SDGs Road Map 2022; Local Plan: Sepang Municipal Council Local Plan 2025; MPSepang Strategic Plan 2021-2030; Guidelines for Sustainable Development @Sepang; Smart & Low Carbon City Action Plan Cyberjaya 2025.



2.0 SEPANG PROFILE



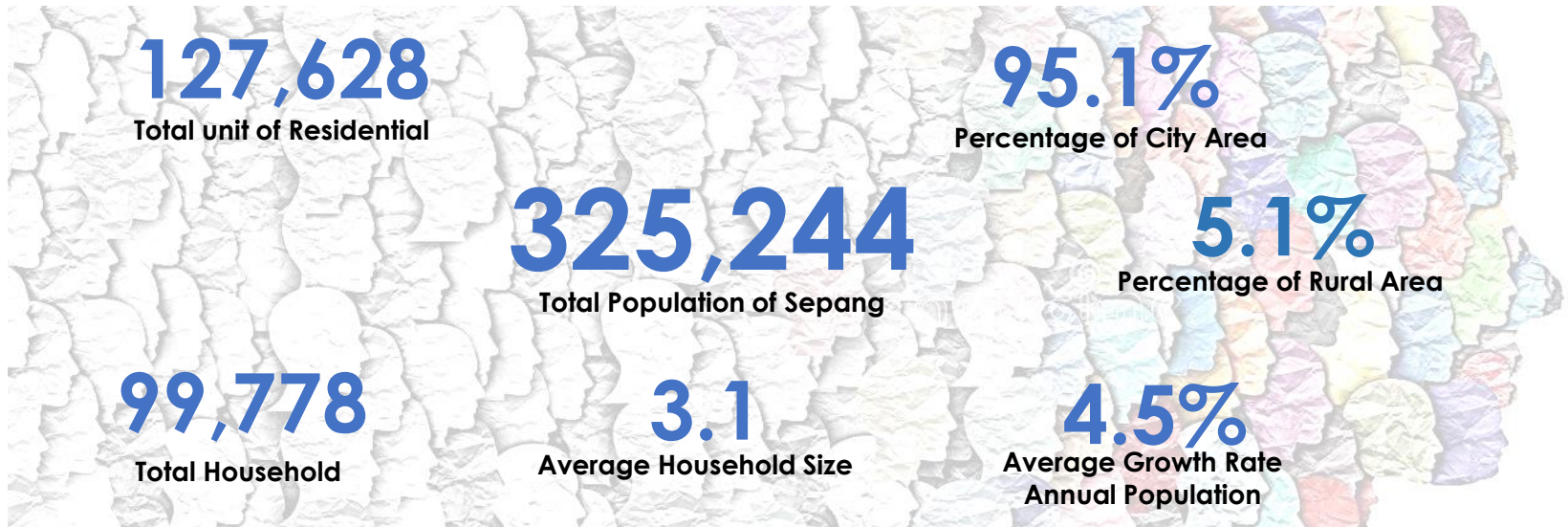
Selangor state, spans an expansive area of 61,900 hectares (61.9 square kilometers). Globally recognized for hosting the Kuala Lumpur International Airport (KLIA), the Sepang International Circuit (SIC), and Cyberjaya City, Sepang has gained international prominence. Additionally, it boasts various natural attractions, including Bagan Lalang Beach and Sungai Sepang Besar Mangrove Forest Reserve, making it a sought-after tourist destination in Malaysia.

With rapid development underway, Sepang has emerged as a key investment hub within Selangor state. The district features a 40% built-up area comprising residential, commercial, and industrial properties. Its strategic location, bordering the federal administrative center of Putrajaya and a mere 30-minute drive from the capital city of Kuala Lumpur, enhances its appeal. Furthermore, Sepang benefits from a robust infrastructure network and an extensive public transportation system, ensuring convenient accessibility throughout the district.

AREA OF THE SEPANG DISTRICT

61,900 Hectares

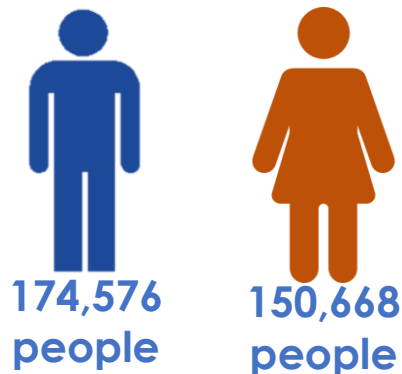
2.1 SEPANG DEMOGRAPHY



POPULATION BY AGE GROUP



POPULATION BY SEX



Sepang district is home to a predominantly active and working population, with 68.29% of individuals falling within the age range of 15 to 59 years old. The elderly population, on the other hand, constitutes 9% of the total population in Sepang. Notably, Sepang exhibits the highest population growth rate among all districts in Selangor, standing at an impressive 4.5%. This significant figure clearly signifies the district's rapid development and establishes it as a favored destination for property ownership, particularly for residential and industrial investments.

2.2 SOCIO - ECONOMICS OF SEPANG



TOTAL WORKERS:
144,800 PEOPLE

NUMBER OF UNEMPLOYED:
6,500 PEOPLE

The advancement of Sepang is propelled by a robust workforce and the provision of essential public amenities such as education, healthcare, safety measures, recreational facilities, and sports infrastructure. MP Sepang is dedicated to consistently improving and expanding these public facilities to enhance the socio-economic well-being of the residents in Sepang.

HEALTH & WELLNESS



4
HOSPITALS

5
HEALTH CLINIC

EDUCATION



UNIVERSITY	SECONDARY SCHOOL	PRIMARY SCHOOL
11	13	56

SAFETY



6
POLICE STATIONS

4
FIRE STATIONS

SPORTS AND RECREATIONS



24

Neighbourhood Parks

350

Playgrounds

5

City Parks

3

SPORT CENTRES

17

HALL AND COMMUNITY CENTRES

12

FOOD COURTS AND HAKWER CENTRES

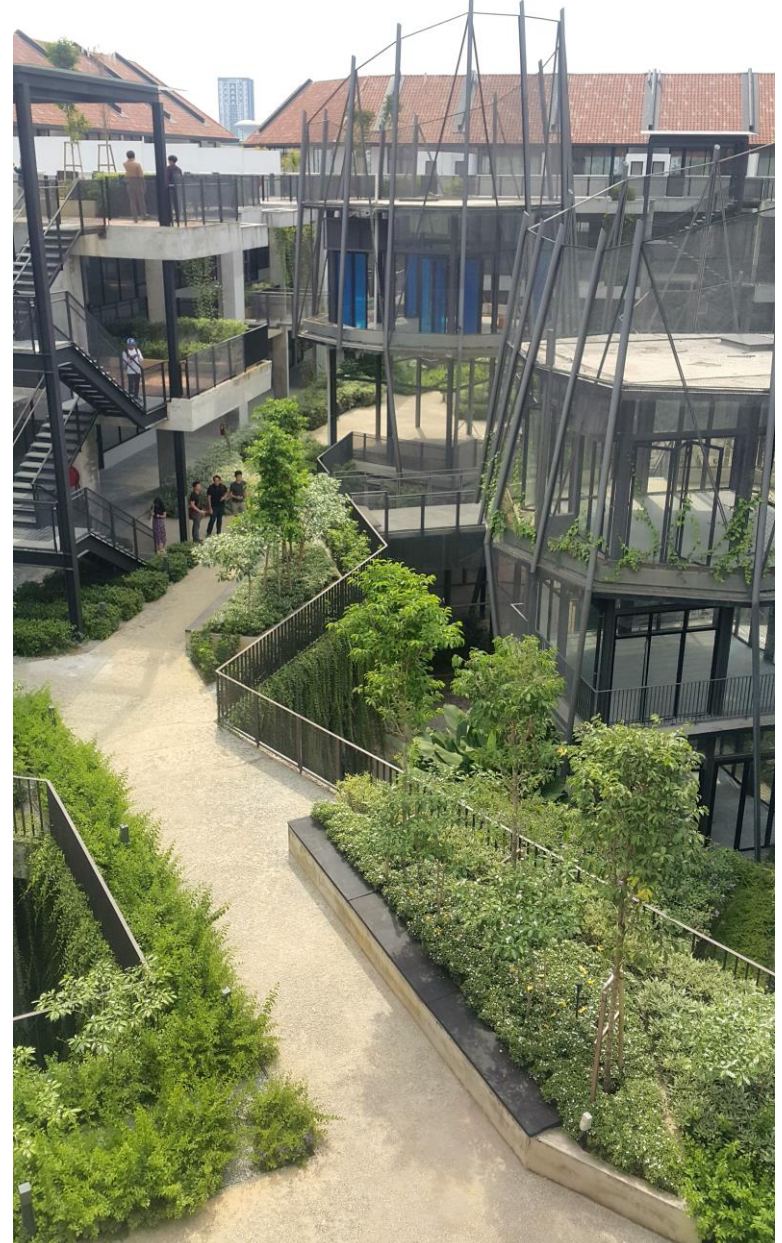
2.3 DEVELOPMENT TREND

Sepang comprises three sub-districts: Dengkil, Labu, and Sepang. However, the primary development focus lies on the Dengkil sub-district, situated in the northern part of Sepang, which has now expanded to include the area of Bandar Baru Salak Tinggi. This emphasis is driven by the numerous development potentials and investment opportunities offered by Cyberjaya and Kuala Lumpur International Airport, Sepang. Additionally, Sepang also benefits from spill-over development from neighboring areas, namely the Federal Territory of Putrajaya and Subang Jaya city.

The progress of development in Sepang is evident through the growth of established settlements such as Kota Warisan, 16 Sierra, Putra Perdana, and Sepang Putra. Furthermore, this growth is further strengthened by the emergence of several new urban centers and cities that are currently undergoing active development.

- Bandar Sunsuria
 - Sepang Goldcoast
- IOI City
- KLIA
- Bandar Serenia
 - Bandar South Ville
 - Bandar Cybersouth
- Cyberjaya
 - Bandar 'A City'

MPSepang is dedicated to the holistic and progressive development of Sepang, aiming to create a city that caters to the requirements of both its residents and investors. This objective is pursued through meticulous and adaptable development control, ensuring the incorporation of inclusive and top-notch development elements.



2.4 DEVELOPMENT PROSPECT

Selangor has further solidified its standing by implementing investment strategies, notably through its involvement in the Integrated Development Region in South Selangor (IDRISS) plan. This initiative holds the potential to usher in significant economic transformations for Sepang. The state government's objective is to introduce high-impact projects to the southern region of Selangor, shifting the previous investment focus away from the Klang Valley region. Under the IDRISS development framework, projects will receive state government support and facilities through Managed Industrial Parks, along with investor incentives via the Green Fast Lane for streamlined development approvals.

IDRISS PROJECT IN SEPANG

- Selangor Business Capital, Selangor Cyber Valley (143 acres)
- Sepang International AeroPark (2,000 acres)
- Sepang Goldcoast Global Village (988 acres)
- Guocoland Amerald Sepang (2,373 acres)
- Putrajaya Holding (1,678 acres)
- UNISEL Global Campus
- New Era University College (400 acres)



Selangor State Government to drive southern Selangor's development through the Integrated Development Region in South Selangor (IDRISS)





3.0 SEPANG SDGs ROADMAP

Recognizing the significance of **cities** and **communities**, Malaysia SDG Cities acknowledges their pivotal role in shaping the trajectory and strategies for effectively achieving the goals and targets of the Sustainable Development Goals (SDGs).



With the objective of aligning with this vision, the Sepang SDGs Roadmap was developed in 2022, benefiting from the guidance and advisory services provided by Urbanice Malaysia. This report underwent a comprehensive process, encompassing information gathering and analysis of the sustainability-focused initiatives implemented in Sepang. The development of an action plan for the immediate implementation of SDGs at the local level in Sepang employed a dual approach, incorporating inputs from both grassroots and higher-level perspectives.

The formulation of this report entailed a participatory process involving various stakeholders, including MPSepang's management, the establishment of the SDG's Thinker Task Force within MPSepang, stakeholders, and the local community. Through this collaborative approach, suitable SDG targets, strategies, and action plans were identified specifically for the local context.

This approach has not only allowed Sepang to identify existing gaps in its approach but also to understand the specific needs of the local community. Malaysia SDG Cities has provided valuable support to MPSepang in setting the direction for district development by integrating a global perspective into local action. The production of the Sepang SDG's Roadmap report signifies an ongoing commitment and dedication to the implementation of SDGs within the Sepang district.

3.1 PROCESS AND MANAGEMENT ENGAGEMENT SESSION

In the process of preparing the Sepang SDGs Roadmap, MPSepang through the Sustainable Development Unit, Urban Planning Department, and Sepang SDGs Thinker went through 4 main processes which involve:

i. PRELIMINARY ANALYSIS PROCESS

- Identifying Issues, Challenges And Priorities In Urban Sustainability
- Sepang SDG's Wheel

ii. COLLECTION OF BASIC INFORMATION / CITY PROFILE

- City Profile Data
- Program data and current activities
- Basic data and policies

iii. SEPANG SDGS THINKER

- Preparation of Draft Report
- Determination of local targets, strategies and Action plans
- Rapid Integrated Assessment
- Selection of 5 SDGs Champion

iv. FOCIS GROUP DISCUSSION SESSIONS WITH COMMUNITIES & STEKEHOLDERS

- Identify municipal issues and propose action plans
- Determine local targets, strategies and action plans

4

Coaching Session

Advisory services by Urbanice Malaysia in the preparation of reports including teach-in sessions and review of draft reports

7

Focus Group Discussion

Involving input from MPSepang management including department heads and council members, external agencies / departments and the local community

7 Months

Preparation Process

December 2021 – June 2022

16

SDG Thinker MPSepang

MPSepang officer who has the role of assisting from the beginning in the preparation of the draft report including targets, strategies and the Sepang SDGs Roadmap Action Plan

12

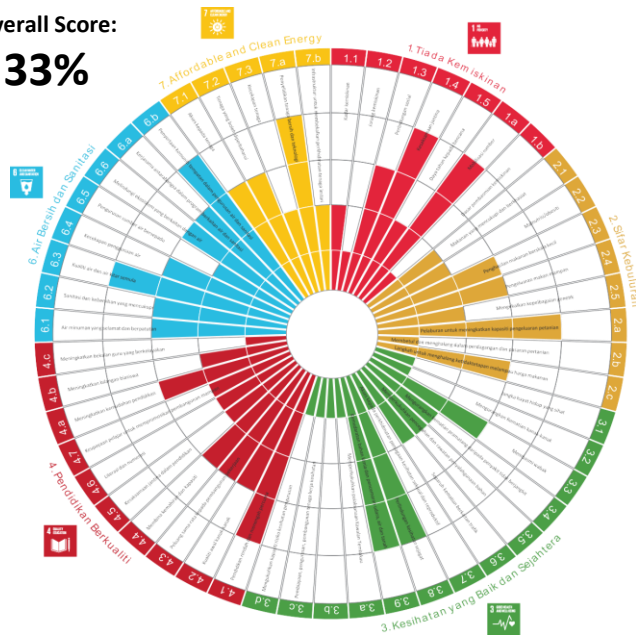
July 2022

The launch of the Sepang SDGs Roadmap at the World Urban Forum, Poland located in the Malaysia and Selangor Pavillion

3.2 SEPANG SDG's WHEEL

Overall Score:

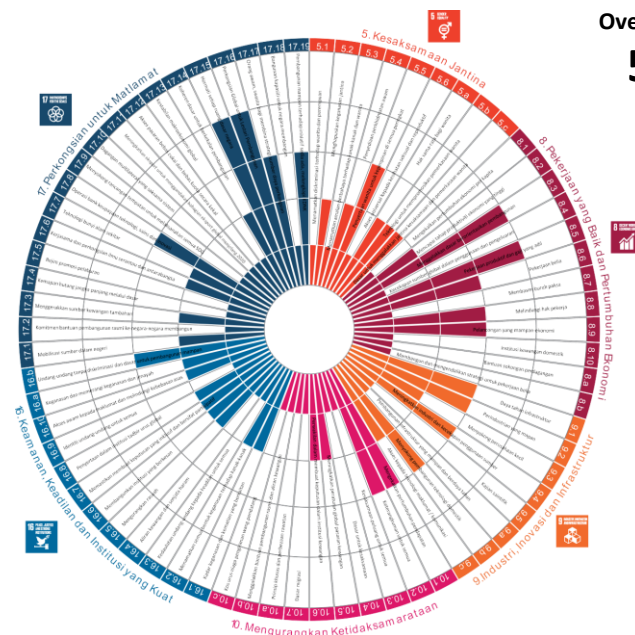
33%



Improving Access to Quality Services to Address Disparities

Overall Score:

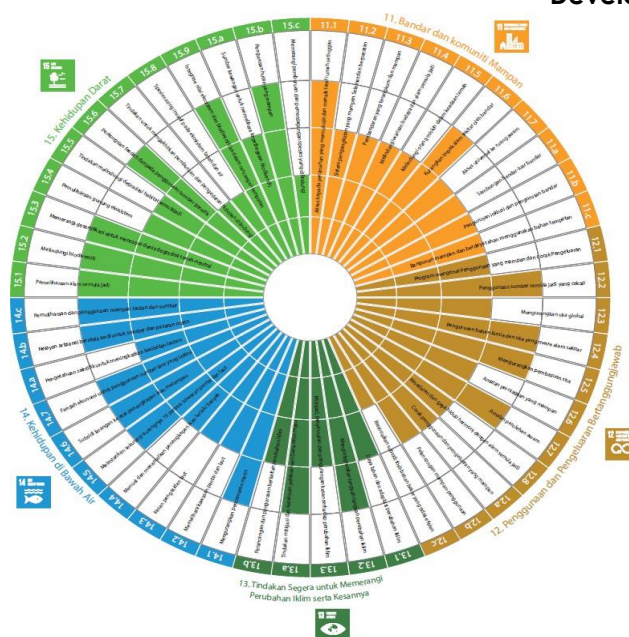
52%



Ensuring Inclusive Growth and Development For All

Overall Score:

54%



Promoting Environmental Sustainability To Reduce The Impact Of Climate Change



Scale of Score:

81 – 100 : Excellent

61 – 80 : Good

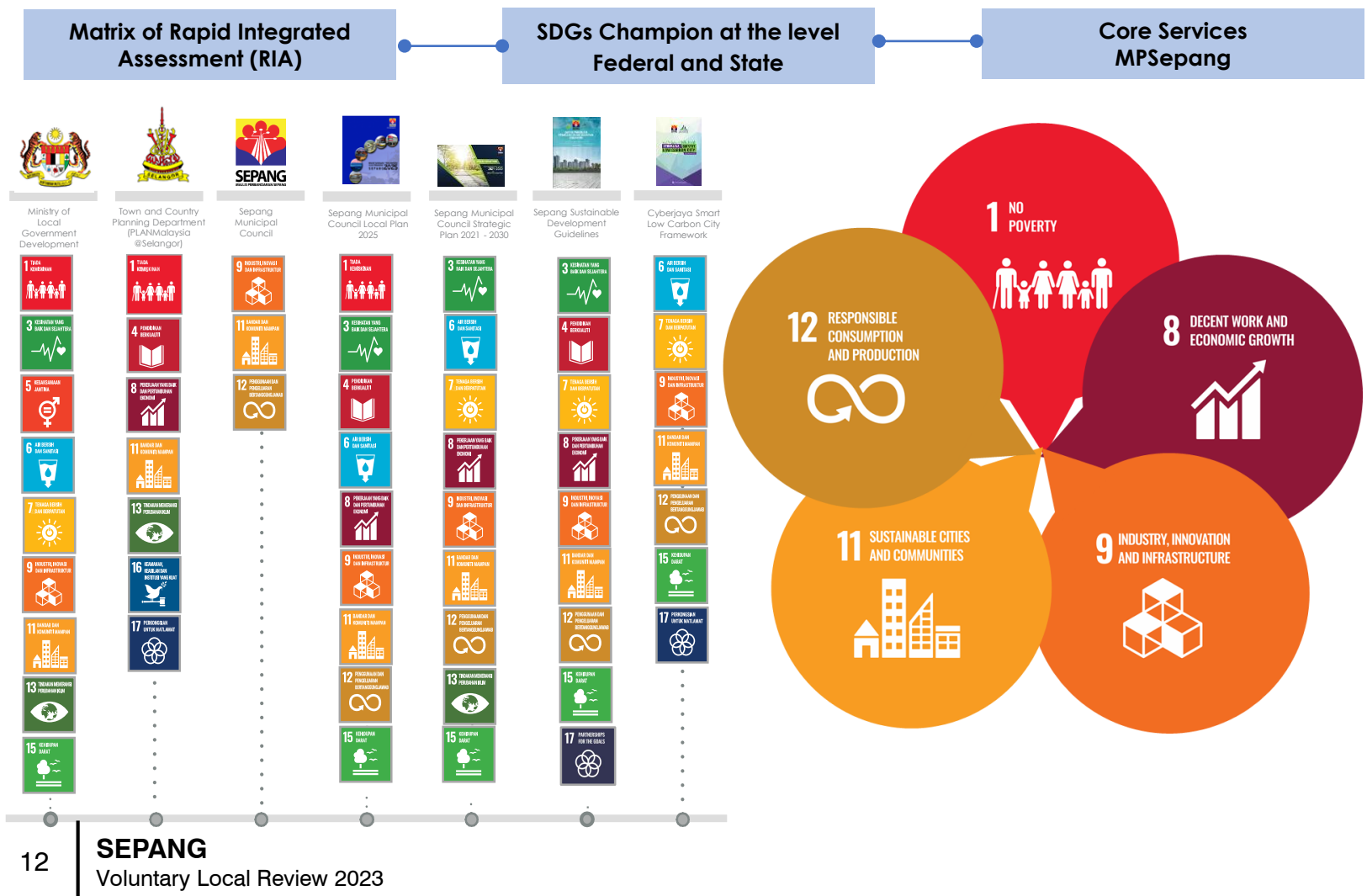
41 – 60 : Satisfied

21 – 40 : Average

3.3 SELECTION OF SEPANG SDGs CHAMPION

The Sepang VLR 2023 report will focus on showcasing the progress of 5 selected SDGs, namely SDG1, SDG8, SDG9, SDG11, and SDG12, which have been identified as champions for reporting purposes. Through a comprehensive scoring analysis, it has been determined that Sepang has made commendable progress in these 5 SDGs, contributing to the realization of the sustainability vision in the district. To ensure effective implementation, the SDGs in Sepang have been divided into two phases based on a prioritization assessment.

The determination of the SDG implementation phases in Sepang and the selection of Sepang SDGs Champions were based on three primary methods. The first method involved utilizing the Rapid Integrated Assessment (RIA) matrix to measure MPSepang’s policies and programs implemented in Sepang. From this assessment, a total of 8 SDGs achieved a score of 60%, indicating their significance compared to the remaining 9 SDGs. Furthermore, the selection process also considered the alignment with SDGs at the Federal and State levels, as well as the core services (back to basics) provided by MPSepang.



3.4 FINDINGS AND SUMMARY

In total, the Sepang SDGs Roadmap has formulated 83 targets, 142 strategies, and 309 action plans encompassing the 17 SDGs, all aimed at achieving sustainable development goals. The determination of each strategy and action plan has been grounded in realism, taking into account valuable insights garnered from engagement sessions conducted by MP Sepang management with stakeholders and local communities. The inputs gathered during these sessions ensured the feasibility and practicality of the strategies and action plans outlined in the roadmap.



11 STRATEGIES

- Reducing The Hardcore Poor
- Improving The Living Standards Of The Poor
- Reducing The Population Below Poverty Level
- Ensuring That Developers Comply With The Requirements For The Provision Of Affordable Housing In Line With State Targets
- Provision Of Free Bus Service ('Smart Selangor' Bus) / Transportation Allowance Assistance
- Facilitating The B40 Group To Obtain Financial Services Including Microfinance
- The Concept Of Renting / Buying A PPRT House / First House With A Selangor Government Agency
- Disaster Relief
- Awareness And Knowledge Of Disaster Risk To The Target Group
- Local Disaster Fund
- Empowering the Target Group in Commercializing Local Products and SMEs Using Local Resources (1 Area 1 Product)

8 DECENT WORK AND ECONOMIC GROWTH



13

Strategies

- Enhancing Economic Growth Through The Provision Of Potential Lands For Commercial / Industrial And Agricultural Investment
- Upgrade And Reinforce Existing Facilities To Attract International Investors
- Increase The Purchasing Power Of Consumers
- Empowering Local Entrepreneurs Through The Production Of Products Based On Innovation And Commercial Value
- Encourage Community Involvement In Implementing Programs And Activities Based On Entrepreneurship
- Commercialize Local Micro, Small And Medium Products
- To Ensure That All Groups Have Equal Employment Opportunities
- Reducing The Number Of Unemployed Youth
- Produce Educated And Skilled Youth
- Ensure A Safe And Conducive Work Environment
- Strengthening Sustainable Tourism Policies
- Improving The Level Of Tourism Security Policy
- Drive The Tourism Economy Sustainably

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



9

Strategies

- Ensuring Quality And Sustainable Road Infrastructure
- Increased Level Of Security On The Provision Of Infrastructure
- Provide An Infrastructure Network That Has Continuity Between Other Development Zones Such As Security And Commercial Zones
- Develop A Sustainable Industrial Area In The Sepang District
- Strengthen the industrial clustering of Sepang District
- Increasing The Use Of New Technologies Towards A Sustainable And Environmentally Friendly Industry
- Ensure That The Entire Area In The Sepang District Receives Internet Access
- To Make Network Access Facilities As One Of The Basic Facilities
- Public Safety Monitoring Via CCTV

11 Sustainable Cities and Communities



18

Strategies

- Implementing The Lifetime City Concept
- Ensuring All Groups Have A Comfortable And Safe Home
- Create A Livable Environment
- Utilizing Space/Building According To The Needs Of The Local Community
- Offering Comprehensive, Efficient And Sustainable Public Transport Services
- Ensuring Safe And Comfortable Public Transport Services And Support Infrastructure To Meet The Needs Of The Disabled, The Elderly And Women
- Increasing the Use of Public Transport Among the Community
- Involvement of Community Collaboration in Holistic Development Planning
- Cultivating the Spirit of Neighborhood and Volunteerism to Create a Safe and Prosperous Environment
- Cultivate The Public Community Education Practices
- Preservation Of Sites, Buildings And Heritage Objects For Future Generations
- Dignifying and Preserving the Local Cultural Heritage
- Creating an Environmentally Friendly and Quality Environment Towards a Low Carbon City
- Making Sepang a Clean Township

- Reduction of Per Capita Solid Waste Rate
- Provision Public Facilities that are User-Friendly and Holistic
- Ensuring Good and Safe Accessibility to Public Places
- To Ensure The Condition Of Public Facilities Are In Good And Efficient Condition

12 Responsible Consumption and Production



13

Strategies

- Sustainable And Systematic Waste Management
- Domestic Waste Management Using Smart And Green Technology
- Reducing Food Waste Generation From Home And Business Premises
- Improving Organic Fertilizer Production Through Garden Waste And Food Waste
- Reducing the Adverse Effects of Chemical Waste to Improve the Well - Being of the Population
- Enhancing Public Involvement in Recycling Practices
- Implementing Recycling Practices Among The Community
- Creating a Platform for the Purpose of Knowledge Sharing Between Companies That Implement Sustainable Practices
- Creating A Platform For The Purpose Of Knowledge Sharing Between Companies That Implement Sustainable Practices
- Encourage The Participation Of Companies That Implement Sustainable Practices Through Incentives
- Empowering the Use of Green Procurement As A Reference And Guide
- Creating Awareness To Students And The Community About Sustainable Lifestyle
- Implementation Methods To Monitor Tourism Prospects



3.5 DIRECTION OF SEPANG VLR

The submission of the Sepang VLR 2023 report marks a significant milestone as it becomes the first report dedicated to evaluating the progress of the 5 selected Sustainable Development Goals (SDGs). This report serves as a crucial tool for measuring the advancements made towards achieving each SDG, as outlined in the Sepang SDG's Roadmap.

The preparation of the Sepang VLR 2023 report commenced in December 2022, with a specific focus on the 5 chosen SDG Champions. The report was meticulously developed, and by April 2023, it was finalized through the collaborative efforts of 5 Focus Group Discussions (FGDs) involving Technical Departments/Agencies, Sepang SDG Thinkers, and MPSepang Management.

Overall, the report highlights the progress and commitments made by Sepang across 10 distinct themes and 20 directions relating to the selected SDGs. These achievements were accomplished by addressing various issues and challenges, expanding existing programs/activities, and considering the current and future needs of the community. The Sepang VLR 2023 report serves as a catalyst, inspiring all stakeholders to work collectively towards sustainability in Sepang. Furthermore, it strengthens the capacities of MPSepang and related agencies, enabling them to fulfill their responsibilities effectively and deliver optimal services to the local community.

01 | Sepang SDGs Roadmap 2030

- Addressing issues and challenges
- Aligning programs, projects, and initiatives with sustainable development goals (SDGs)
- Aligning development plans and strategic plans with sustainable development goals (SDGs)

02 | The selection of 5 SDG Champions

- 5 SDG's Champion : SDG 1, 8, 9, 11 dan 12
- Collecting data and information

03 | Engagement Session with Stakeholders and Community

- Data and information collection, brainstorming sessions, and input from stakeholders and community representatives.

04 | Sepang VLR 2023

- Preparation of Sepang VLR

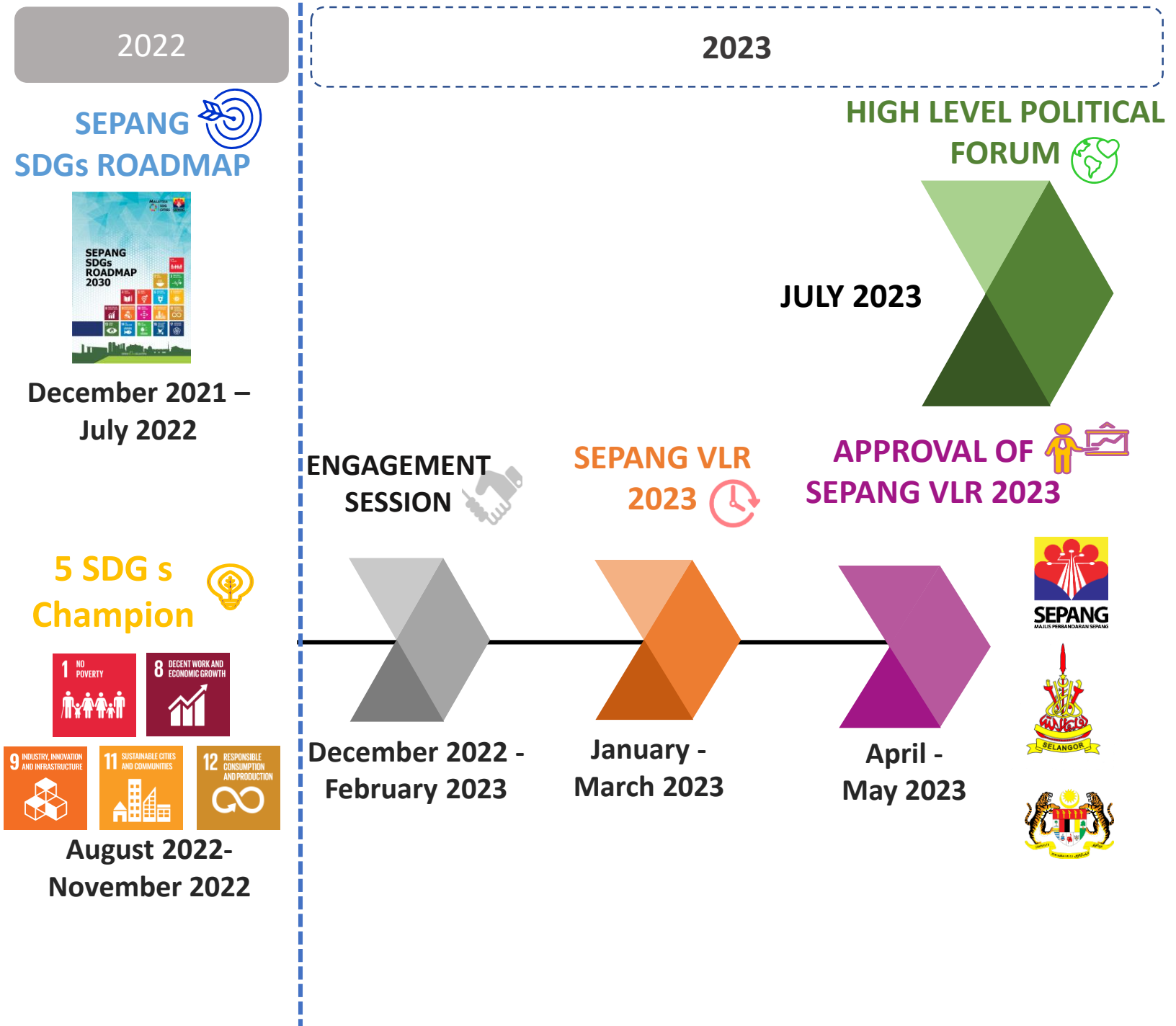
05 | Approval of Sepang VLR 2023

- Sepang Municipal Council
- State Level
- National Level

06 | High level Political Forum

- Presentation of the Sepang VLR 2023 Report

Timeline of Sepang VLR



4.0 PROGRESS OF SDG IN SEPANG

Selang has carefully identified and prioritized 5 specific SDGs that play a vital role in fostering positive impacts on the Economy, Society, and the Environment. These 5 SDGs, namely SDG 1: No Poverty, SDG 8: Decent Work and Economic Growth, SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities, and SDG 12: Responsible Consumption and Production, have been chosen based on their unique strengths and potential to contribute to the achievement of the 2030 Sustainable Agenda in Selang.

HIGH IMPACT PROJECTS

Rejuvenation of Bandar Baru Salak Tinggi (BBST) Program



As part of the Bandar Baru Salak Tinggi (BBST) Urban Design Study, this project contributes to the overall initiative aimed at enhancing and revitalizing the area's image. Known as BBST Walk@Sepang, this project has proven to be a resounding success, leaving a profound impact on the town's image and the local community's economy. Serving as a vibrant social space, BBST Walk@Sepang incorporates various developmental elements, including cultural stages, public squares, 22 stalls, and art lanes adorned with captivating murals showcasing local tourism products and nostalgic children's games. To ensure functionality and aesthetics, this project also features comprehensive infrastructure facilities such as bicycle paths, pedestrian walkways, and beautifully landscaped areas.

Having commenced operations in December 2021, BBST Walk@Sepang has become a focal point for community engagement, hosting a range of programs and activities. Notably, it has been a hub for weekly market events like the Pasar Tani and Car Booth Sale. Moreover, ongoing efforts to rejuvenate the main entrance further enhance the project's appeal. These include landscape upgrades at the entrance and central median, as well as improvements to street lighting infrastructure.

4.1 HIGH IMPACT PROJECTS

Nature Trail Program @Bagan Lalang



The natural tourism assets of Bagan Lalang Beach and the mangrove forests of Sungai Sepang Besar and Sungai Sepang Kecil in the southern part of the district hold great importance and require effective preservation. Recognizing this, MPSepang has fulfilled its responsibilities by undertaking maintenance, upgrading, and new development initiatives for public facilities, including food courts, hawker centers, and other amenities, to enhance the visitor experience in both areas.

Furthermore, various programs and activities focused on ecosystem conservation have been implemented. These include the Sungai Sepang Besar river tour program, beach cleaning initiatives, and mangrove planting programs carried out in collaboration with diverse agencies, educational institutions, and non-governmental organizations (NGOs). To promote eco-tourism, MPSepang also organizes the annual Bagan Lalang Beach Festival, which features a range of engaging activities.

Through these concerted efforts, MPSepang aims to maintain the natural beauty and ecological balance of these areas while providing enjoyable experiences for visitors, showcasing the district's commitment to sustainable tourism and environmental preservation.

Recycling Program @Sepang

The Recycling Program implemented by MPSepang has garnered recognition at both local and international levels for its effective solid waste management practices. Through innovative design, the products developed as part of the Sepang recycling program are not only user-friendly but also contribute to environmental protection by facilitating the creation of new recycled items.

One notable product from the program is Kitar Semula Minyak Masak Terpakai (KISMAT), which converts used cooking oil into Aedes Biobased Fuel (ABBF) as a substitute for diesel. This innovative solution serves the purpose of fogging to control dengue, as MPSepang repurposes ABBF for this specific application. ABBF has been patented and is currently processed by MPSepang at the Innovation Center @Sepang. Furthermore, the MPSepang recycling program has yielded various other products, including: -

- *Taska Sejahtera, Bersih dan Hijau (TASBIH)*
- *Pengasingan Sampah dari sumber (KOMPAS)*
- *Bengkel Mesra Alam Sekitar (BESMAS)*



4.1 HIGH IMPACT PROJECTS

Integrated Pedestrian / Bicycle Lane Project

The inception of the pedestrian and bicycle lane project in Sepang dates back to 2015, driven by the objective of encouraging healthy activities and mitigating carbon emissions resulting from motor vehicle usage. A user-friendly approach was adopted to ensure the provision of safe urban elements and comprehensive infrastructure. This facility has been successfully implemented in two urban areas, namely Cyberjaya and Bandar Baru Salak Tinggi, and has also been incorporated into the development plans of Bandar Serenia. Furthermore, it is now mandatory for all new developments to include pedestrian and bicycle lanes within their respective areas of development.



Urban Farming @Sepang

The Community Garden Program in the Sepang District is an ongoing initiative and commitment led by the Sepang Municipal Council. It was launched in 2012 to foster community engagement and promote gardening practices at the local level throughout the district. Currently, there are 33 active community gardens in Sepang, overseen by residents' associations, Joint Management Bodies of buildings, schools, and individuals. To further encourage and acknowledge community participation, MPSepang has also established a garden activity called 'myofficemyfarm' within the MPSepang building yard. Additionally, the annual Anugerah Kebun Komuniti @Sepang (AKS) event has been held since 2018 to recognize and celebrate the achievements of these community gardens.



4.1 HIGH IMPACT PROJECTS

Entrepreneur Program@Sepang

MPsepang has implemented a range of entrepreneurship programs to empower and strengthen the economy of Sepang residents. Through the MPSepang Entrepreneurship Program initiative, several key programs have been introduced to tap into business opportunities. These include the provision of additional business spaces and online platforms, training and mentoring for aspiring entrepreneurs, and expanding market access for local businesses. These programs also involve collaborations with Platform Selangor (PLATS) to further support the entrepreneurial ecosystem in Sepang.

- Covid-19 Hawker temporary Placement Program
- Food Court Digitization Program
- “Jejak peniaga” Program
- Micro Hawker Development Training Program
- Tour PLATS with MPSepang
- Night Market / Sari Market business opportunity program



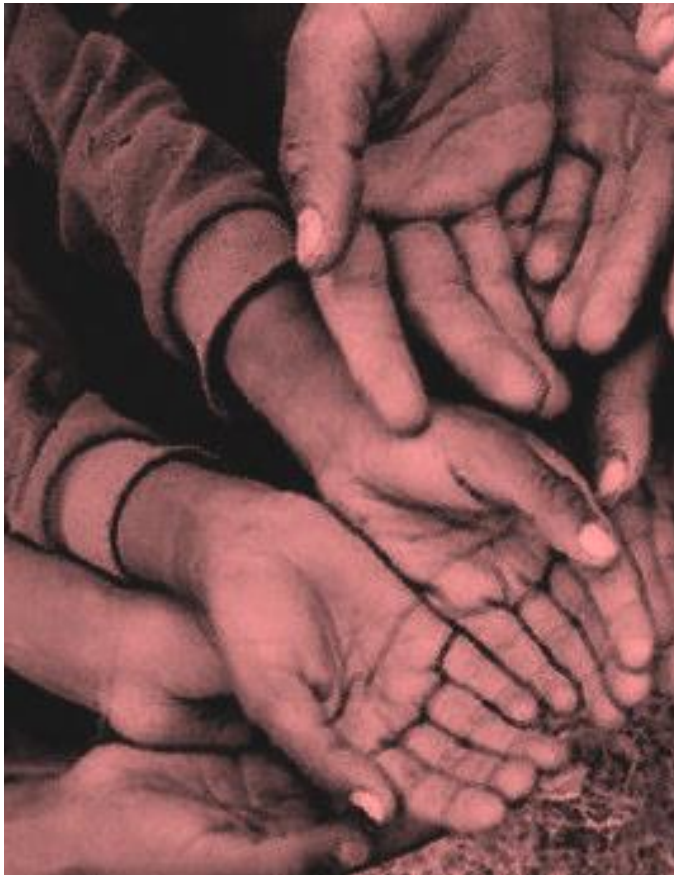
SDG1 : NO POVERTY



Eradicate extreme poverty entirely and achieve a significant 50% reduction in the overall poverty rate by 2025”

Selangor District Poverty Line Income

Poor	Extreme Poor	Per capita
RM 2,208 / monthly	RM 1,500 / monthly	RM 350 / monthly



INTRODUCTION

Specifically, with the onset of the global COVID-19 pandemic in 2019, Malaysia has experienced an alarming increase in its poverty rate. The far-reaching consequences of the pandemic have profoundly influenced the socio-economic fabric and living conditions worldwide.

Within Malaysia, individuals experiencing poverty are categorized into two groups: those classified as poor and those classified as extremely poor. This classification is based on the monthly income of households falling below the Poverty Line Income set by the government.

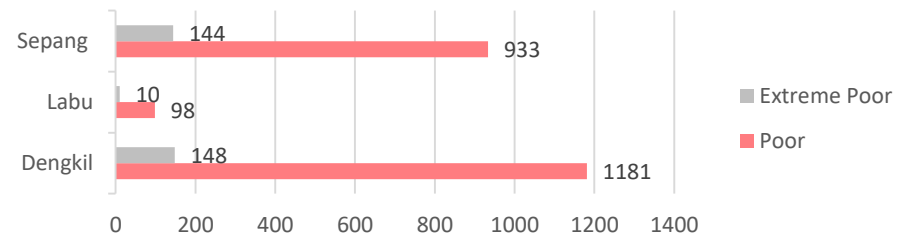
Poverty Line Income	Poor	Poor Extreme	Per Capita
Malaysia	RM 2,208.00	RM 1,169.00	RM 310.00
Selangor State	RM 2,022.00	RM 1,500.00	RM 350.00

Source: Department of Statistics Malaysia, Population and Housing Census 2020.

POVERTY IN SEPANG DISTRICT

Based on the poverty data for the Sepang District up until December 2022, it has been determined that a total of 2,514 households and 456 families in the district fall into the poor or extremely poor category. These figures indicate that the proportion of the Sepang District population classified as poor or extremely poor is less than 1%.

Number of Households Classified as Extremely Poor and Poor in Sepang District in 2022



Nevertheless, governmental organizations actively engaged in providing assistance to the poor and extremely poor possess additional sources of information regarding this demographic group.

Agency	Total
Institution of Zakat In Selangor	2,445 head of the household
Department of Social Welfare in the Sepang District	2,559 people

Source : District-level Asnaf Fakir and Poor Population Statistics, Selangor Zakat Board Information on Beneficiaries, Department Of Social Welfare in the Sepang District

District	Poor	Poor Extreme
Dengkil	1,181	148
Labu	98	10
Selangor	933	144
Total	2,212	302

Source: Ekasih, Prime Minister's Department



01 Poverty Data Integration

Different agencies have implemented specific protocols and measures to address poverty among the residents of Sepang. To enhance the efficacy and equitable distribution of aid, it is essential to synchronize a diverse set of data concerning households experiencing poverty.

02 Employment Distruption

The COVID-19 pandemic has exerted a substantial impact on various facets of society, notably in the Sepang district. Sectors such as tourism, hospitality, and aviation business at KLIA have been significantly affected. This is evident from the unemployment data in the Sepang District, which reveals a considerable surge in unemployment numbers, escalating from 4,400 in 2018 to 6,500 in 2020.

03 Sustainable Solutions for Poverty Alleviation

The objective of diverse organizations' aid initiatives is to provide support to those in need and enhance their quality of life. These programs serve as temporary measures to help recipients achieve self-sufficiency and transition out of poverty. However, there are individuals who are satisfied with their current living conditions and resist making changes. Addressing the poverty challenge in the Sepang District necessitates sustained and continuous efforts.



INSTITUTION OF ZAKAT IN SELANGOR

- Money saved for holiday
- House construction
- Medical Assistance
- Dealing with Deceased Person
- Renovation of house
- Home Rent
- Emergency Aid for Retail Sector Assistance
- Monthly Financial Assistance
- ASNAF Project
- Monthly Food Supply
- Entrepreneurial Support Program for Training, Funding, and Business Development

SELANGOR STATE GOVERNMENT

- Selangor Commitment Entrepreneur
- Selangor Commitment Health
- Children of Iltizam Mesra from Selangor
- Selangor Commitment Empowerment People
- Selangor Commitment Education
- Selangor Commitment Housing



SEPANG MUNICIPAL COUNCIL

- Sepang Sejahtera MP Sepang Line Program/Food Basket Programme
- Prospects for residents affected by income loss, including hawker centre leaseholders
- Free bus service by Smart Selangor

DEPARTMENT OF SOCIAL WELFARE IN THE SEPANG DISTRICT

- Assistance for the elderly
- General Assistance
- Assistance for disabled persons
- Individuals with Work Limitations due to Disabilities
- Assistance Program for Supporting Disabled or Abandoned Individuals' Care Expenses
- Support for Foster Care of Children
- Emergency Assistance Fund for Child Support

WAY FORWARD

THEME 1 : CREATE OPPORTUNITIES FOR SUSTAINABLE INCOME

Sepang Care 4 U is an innovative platform that functions as a comprehensive network for data and information pertaining to the impoverished population in the Sepang District. Its primary objective is to ensure equitable support for both the poor and extremely poor, leaving no individual or group overlooked. This integrated data resource will be effectively utilized by all relevant authorities involved. Drawing upon information from authoritative sources, the management of this data will adopt a dynamic and responsive approach. Moreover, Sepang Care 4 U strives to create an interactive and user-friendly experience for its users.

- ❑ **Helpline System for Impoverished Families**
- ❑ **Database of Families in Poverty and Extreme Poverty**
- ❑ **Geographical Distribution of Families in Poverty and Extreme Poverty**
- ❑ **Categories of Aid Provided by Agencies**
- ❑ **Vulnerable Areas to Natural Disasters for Families in Poverty and Extreme Poverty**
- ❑ **Details Regarding the Variety of Aid Offered by Government and Private Entities**
- ❑ **Promotion of Employment Opportunities, Training, and Educational Programs**

SEPANG CARE 4 U



WAY FORWARD

THEME 1 : CREATE OPPORTUNITIES FOR SUSTAINABLE INCOME

“JOB MATCHING”

Among the initiatives aimed at lifting the targeted demographic out of poverty is the Job Matching program. This program will concentrate on identifying employment opportunities based on the specific location, skills, and interests of each individual within the target group, including those who are currently employed and the youth aged 16 to 32 years old.



By fostering cooperation and collaboration with employers from both the public and private sectors, the implementation of this initiative can be realized. This collaborative partnership will primarily concentrate on airport and industrial operations within the Sepang District, encompassing esteemed organizations such as Harta Lega Sdn Bhd, Ali Baba, Group Q-Cell Sdn Bhd, Lam Soon Sdn Bhd, and George Kent Sdn Bhd. Prioritizing career opportunities in close proximity to residents' places of residence, this approach aims to reduce transportation and other related costs. Notably, the annual district event "Job Fair" in the Sepang District remains scheduled as part of this ongoing endeavor.



- Tourism
- Hospitality
- Commercial
- Agriculture
- Fisheries

WAY FORWARD

THEME 1 : CREATE OPPORTUNITIES FOR SUSTAINABLE INCOME

“S.K.I.L.L” TRAINING AND SKILLS DEVELOPMENT INITIATIVES

S.K.I.L.L is an initiative designed to enhance the living standards and foster sustainable income generation within the target population through collaboration with skill-building organizations and employers. This program offers comprehensive training and skill development opportunities, equipping individuals with the necessary expertise to thrive in the marketplace.

The program introduces a "training on the job" package that combines employment opportunities with skill development, allowing participants to earn income while enhancing their capabilities in their respective fields. This comprehensive package empowers individuals to generate their own income through various avenues, such as establishing physical businesses or venturing into online enterprises. Participants have the flexibility to choose training and skills aligned with their interests, professions, and work settings. Moreover, they will gain access to banking institutions for potential business financing and receive valuable insights on product marketing expertise.

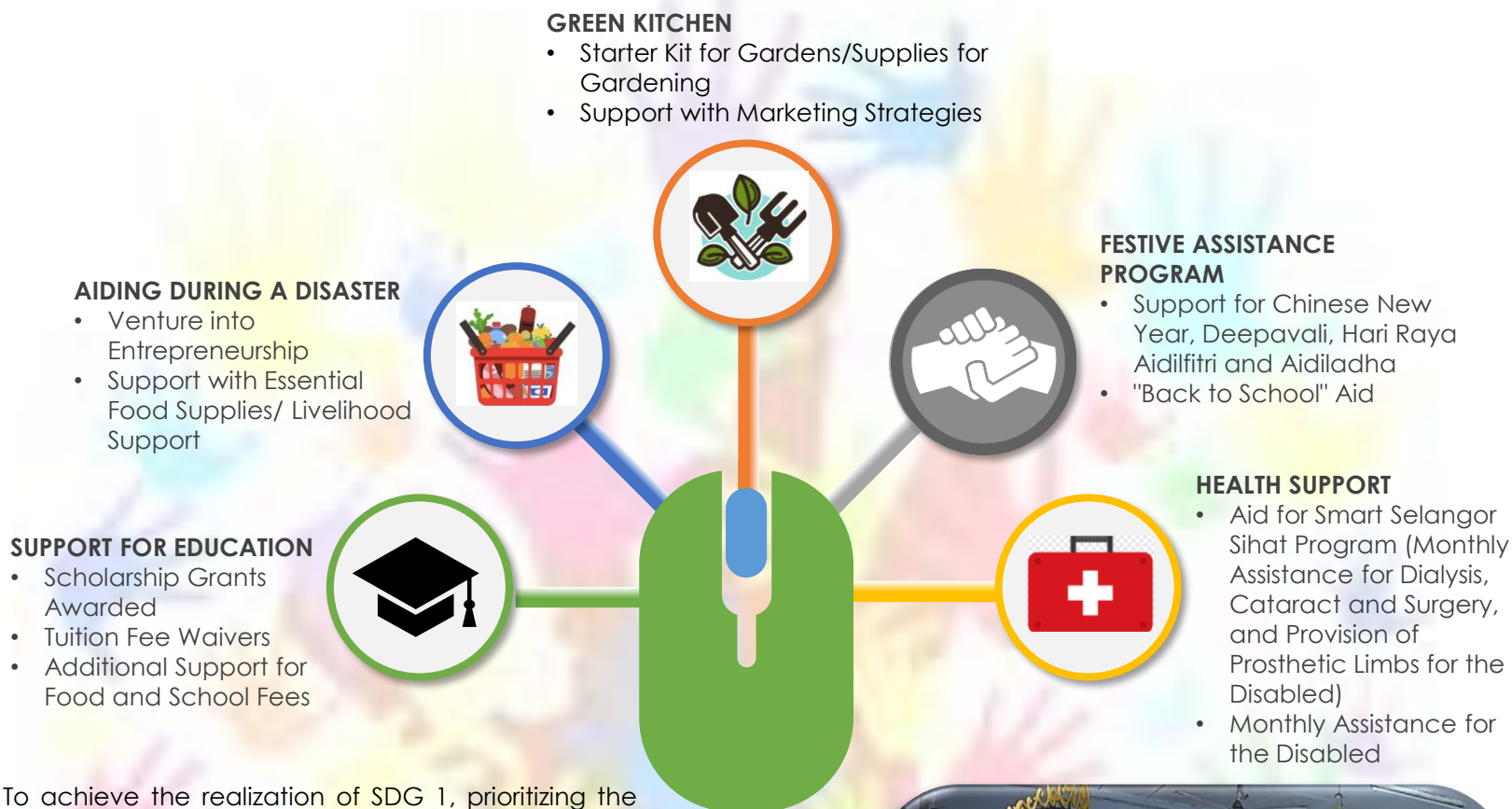
This program will facilitate a collaborative effort involving established skill institutions such as the Department of Skills Development, Majlis Amanah Rakyat (MARA), Mara Skills Institute (IKM), National Youth High Skills Institute (IKTBN), employers, lending institutions, and aid agencies. It places utmost priority on the target group and offers a range of essential skills including sewing, entrepreneurial skills, digital skills, as well as agricultural, automotive, and other relevant skills.



WAY FORWARD

THEME 2 : POVERTY HOSPITALITY

"TARGET GROUP REQUIREMENTS"



To achieve the realization of SDG 1, prioritizing the needs of the target group should be of utmost importance. It is crucial for all relevant agencies to execute diverse initiatives without duplicating efforts or neglecting individuals. Additionally, state and municipal governments must devise policies and plans that prioritize the welfare of the poor, especially in areas concerning employment, economic prospects, and other opportunities.



WAY FORWARD

THEME 2 : POVERTY HOSPITALITY



1 FAMILY 1 HOME

In line with the Selangor Prihatin state government's policy, it is imperative to grant the target group access to secure and appropriate housing options, promoting an enhanced quality of life. To address the housing needs of this population, the Council and affiliated organizations undertake the responsibility of offering ownership, leasing, construction, and repair services. Different agencies present a variety of housing options based on qualifications and categories.

- *Rumah Selangorku*
- The Selangor Rent Smart Programme
 - Rental House Programme
- *Rumah Kasih Keluarga Malaysia*
 - Care Center



SUNNY VALLEY
CYBER VALLEY

RUMAH selangor.ku
IDAMAN
PKNS

Jenis D: 1,000 kps



Selangorku Idaman Resident

Seksyen 6, Selangor
Mukim: Dengkil

- KEMUDAHAN AWAK**
- Ruang pejabat pengurusan
 - Sorel • Dewan • ruang kitar • Taman permainan
 - tempat letak kereta bertingkat • pondok pengawal
 - bilik pengurusan sampah • ruang tarikan • dll

SUNNY VALLEY
CYBER VALLEY

RUMAH selangor.ku
IDAMAN
PKNS

RM232,000 | Jenis D: 1,000 kps



PKNS



Bring Me Home!!



SDG 8 : DECENT WORK & ECONOMIC GROWTH



“PROMOTING JOB CREATION AND A SUSTAINABLE MARKET”



SDG 8

DECENT WORK & ECONOMIC GROWTH



Selangor, the economic powerhouse, holds the position as the largest contributor to the national economy. In 2021, it recorded a Gross Domestic Product (GDP) of RM 343.5 billion, a significant increase from the previous year. This remarkable performance reflects a growth rate of 5.0 percent, equating to an additional RM 16.4 billion compared to 2020. Notably, Selangor has maintained its position as the top contributor in the Department of Statistics Malaysia (DOSM) report, showcasing an impressive 24.8% growth in 2021. These figures affirm Selangor's robust economic performance, solidifying its status as a state with thriving economic prospects.

State of Selangor's Gross Domestic Product

2020 – 22.8 percent

2021 – 24.8 percent

Increased +5.6%

Selangor Kini, dated March 12, 2023





SEPANG ECONOMIC LANDSCAPE

Since 2010, the economy of Sepang District has witnessed a notable upturn, with a focus on the industrial, tourism, construction, investment, agricultural, and commercial sectors. The remarkable growth of the district's economy can be primarily attributed to the flourishing tourism industry and the implementation of major development projects. Noteworthy initiatives such as KLIA, Bandar Serenia, Cyberjaya, and Cybersouth have played a pivotal role in bolstering employment opportunities and facilitating population growth in Sepang District, given its favorable proximity to key urban centers like Putrajaya and Kuala Lumpur.

In 2022, there has been a significant increase in the number of license approvals, with 13,786 approvals compared to 11,021 in 2021. This reflects a substantial 25% growth during the economic recovery phase. The empowerment programs introduced during this phase have not only contributed to the district's economic revitalization but have also created job opportunities, underscoring their positive impact.

Furthermore, Sepang District, in alignment with technological advancements, has undertaken various initiatives to foster economic growth. These efforts encompass strengthening the economy, enhancing governance, and embracing digitization, all aimed at ensuring sustainable progress.

The continuous efforts and strategic measures implemented by Sepang District reflect a commitment to drive economic growth, leverage emerging technologies, and create a conducive environment for development and prosperity.

3 primary themes are as follows:

- Business image - creating a distinctive identity through business diversification
- Service enhancement - company information directory
- Initiatives for digitalization - Product innovation and technological literacy.



325,244 residents of Sepang

Rate of Employment and Unemployment in Sepang District



Source: The 2020 Population and Housing Census's Key Findings



755,850 Visitors To Sepang District In 2021

Sinar Harian Online, 2022





01 THE COVID-19 PANDEMIC'S IMPACT

▪ RISE IN UNEMPLOYMENT LEVELS

According to a report by the Department of Statistics Malaysia (DOSM), the global covid-19 pandemic may be to blame for the increase in unemployment that reached 19% for the years 2019 and 2020.

▪ LAYOFFS IN MULTIPLE SECTORS

The increasing number of layoffs in the Sepang District's 21 sectors during the years 2018, 2019, and 2020 presents a significant challenge that demands immediate attention. Prioritizing this issue is essential to prevent the rising unemployment rate from hindering the district's primary goal of economic development.

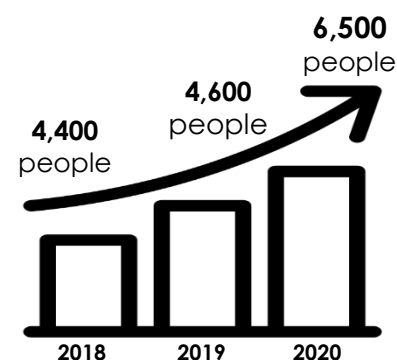
02 TRANSFORMATION OF DIGITALIZATION

In the face of challenges brought about by the COVID-19 pandemic, the digital transformation of businesses has become imperative, especially for those encountering various obstacles.

▪ USAGE OF THE ONLINE SYSTEM

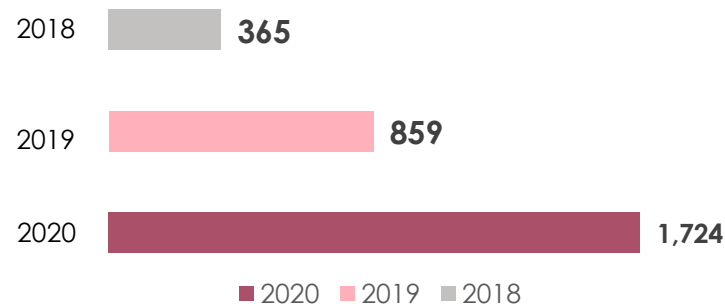
Based on data from DOSM, internet service has been widely adopted in Sepang District, serving as a dependable and efficient online platform, with a penetration rate of 99.0% as of 2019. Additionally, the MPSepang counter and the online payment service achievement report for 2022 reveal that 50% of payers prefer to make their payments online.

Unemployment Rate in Sepang District



Information from the 2020 Population and Housing Census

Number of Layoffs in the Sepang District



Utilisation of Online and Manual Systems in MPSepang in 2022



Source: Achievement Report for MPSepang's Online and Mobile Services



The Trader Track Programme

The Trader Track Programme is a proactive effort to monitor and showcase successful and driven traders across various business sectors. One such instance was the filming of the show at Adik Abang Restaurant in Bandar Baru Salak Tinggi on November 3, 2022.

'Market By The Lake' @ Tasik Cyberjaya

MPSepang has introduced a project aimed at improving the financial well-being of traders in Sepang called the Market By The Lake @ Tasik Cyberjaya programme. This event took place at Taman Tasik Cyberjaya on October 2, 2022, and continues to be held every Sunday as part of a weekly schedule.

Micro Vendor Training and Development Program

The objective of this program is to provide education and awareness to traders about the importance of digital transformation for their businesses. The target audience includes food court vendors, as well as licensed and unregistered vendors. The program, held at MPSepang on October 17, 2022, witnessed the successful participation of 90 merchants.

Programme for Selangor Penayang Tours

The Selangor Caring Tour Programme serves as a platform to introduce various programs to residents of Selangor. On October 30, 2022, the programme was launched at KIP Sentral Kota Warisan in Sepang. MPSepang is responsible for managing and coordinating the provision of Mobile Trucks at the event. A total of 7 mobile trucks have been involved in the programme.

MPSepang and Selangor Digital Partner PLATS Tour Programme

The PLATS Rakan Digital Selangor (RDS) Tour Programme welcomed business owners who have embraced digitalization in partnership with MPSepang. On October 30, 2022, a program showcasing various sales categories took place at Market By The Lake in Taman Tasik Cyberjaya. A total of 44 business owners participated in the program, including 33 from Market By The Lake and 11 from Car Boot Sale.

WAY FORWARD

THEME 1: INCREASING BUSINESS OPPORTUNITIES

Entrepreneur @Sepang initiative aims to promote widespread access to business opportunities among the people of Sepang. It involves the creation of structured and strategically located new business sites, with a focus on applying a unique identity to promote a fresh image of conventional business concepts. This initiative encompasses a variety of businesses, including:

- Market for tourism-related services
- Rebranding of the Street Mall
- Transform the public market into a comprehensive "One Stop Centre" offering a wide array of services
- Establishing a second-hand store
- Centre for native craftsmen
- Foodtruck Park
- Temporary hawkler center with 15 designated areas

This initiative is immediately acknowledged for its potential to enhance employment opportunities for the general public and foster a network of support sectors such as home-based work, supply, printing, sewing, and other micro sectors. The aim is to fully integrate these sectors into the overall strategy, which will lead to the creation of 50 diverse job roles through meticulous and organized planning.



WAY FORWARD

THEME 2: SERVICES DIGITALIZATION

Business Information Directory

Incorporating digitalization as a criterion for business information distribution is an innovative approach that aids in governance and sustainability management within company strategies. By utilizing a transparent and dependable digital directory platform, customers can easily access information about available services and facilities.

The digital directory platform, implemented by MPSepang, serves as an initiative to ensure that the target audience has access to valuable information on start-up incentives and the loan application process for new businesses. It also facilitates community connectivity and provides precise and timely information about various businesses. This platform streamlines the collaboration with other organizations such as E-Commerce, SELDEC, the Selangor Zakat Board, and KPDN Sepang, enabling efficient promotion and dissemination of information about related goods and services.

The comprehensive and informative business information directory platform, along with a business startup guide, is a vital component of the MPSepang initiative aimed at achieving SDG 8. This directory will serve as a platform to promote business websites and products for enterprises in the Sepang District.

To ensure the provision of accurate and valuable information, particularly for individuals new to starting a business in Sepang, the digital directory platform for business information will be made accessible and utilized by all relevant parties, including MPSepang. This platform aims to facilitate the dissemination of precise and helpful information to the target audience.



WAY FORWARD

THEME 2: DIGITALIZATION OF SERVICES

Digital @Sepang Aligning with the Public Sector Digitization Initiative and the transformation of Micro, Small, and Medium Enterprises, the adoption of the latest technology is evident in various initiatives. For instance, the expansion of Street Mall Cyberjaya is facilitated through online applications and cashless payment methods.

To streamline transactions and service procedures, MPSepang has implemented the Citizen E-Payment Platform (CEPat) application facility, PBTPay System, and eService Portal. Furthermore, the iSepang mobile application provides convenient tools for checking and paying assessment tax, reserving public spaces, handling compounds, and managing rentals.

These online services reflect the commitment of MPSepang and the Selangor State Government to embrace digitization and promote a cashless economic model. Key aspects include the digitalization of information system management, online exchange systems, and the use of digital channels to disseminate the latest information, business updates, tourism offerings, and more.



CEPat Citizen E-Payment
SMART SELANGOR

Penduduk di sekitar **daerah Sepang** kini boleh membuat semakan dan pembayaran **cukai taksiran** dan **kompaun** menggunakan aplikasi **Citizen E-Payment (CEPat)**

MUAT TURUN SEKARANG

www.smartselangor.com.my | Smart Selangor | smartselangor | @Smart_Selangor

WAY FORWARD

THEME 3: TO EXPANDING THE MARKET FOR LOCAL PRODUCTS



Support Local@Sepang The widespread marketing of local goods contributes to the creation of more job opportunities for the local population. This is achieved by fostering increased regional consumption habits, leading to the expansion of local industries, particularly small and medium-sized businesses (SMEs).

The positive impact includes a boost in employment opportunities, a reduction in the unemployment rate, and an improved standard of living for both local business owners and consumers. Local products from the Sepang district are promoted across various platforms to reach a wider audience.

The Sepang district offers a diverse range of locally produced goods that can be effectively promoted, benefiting the local community by generating employment opportunities. These products carry a distinct identity unique to the Sepang district, enabling them to showcase their excellence in the global market. The following are examples of local IKS goods available in the market:

- Eco Tourism
- Indigenous Craftshomestay
- Homestay
- Dragon Fruit
- Chips
- Honey Pineapple



NIKE

THE LOADED
Roti John

CASSETTE BURNER
FOR YOUR PROTECTION

TORCH - M-560C

THE LOADED ROTI JOHN

SPECIAL LOADED





**SDG 9 : INDUSTRY, INNOVATION &
INFRASTRUCTURE**



**RESILIENT INDUSTRY AND EFFICIENT
INFRASTRUCTURE**

SDG 9

INDUSTRY, INNOVATION & INFRASTRUCTURE








The industrial sector plays a crucial role in driving local economic growth and creating job opportunities, particularly for the community. Well-planned industrial development, supported by complete and comprehensive infrastructure facilities, has the potential to attract significant investments to the Sepang District.

In Sepang District, industrial land use covers a total of 5,240.56 acres or 3.43% of the total Sepang District (152,957.60 acres). Notably, Sepang achieved the highest investment in the State of Selangor in 2021, primarily driven by the domestic manufacturing sector, which attracted RM 1.7 billion in investments and created 3,181 job opportunities within the industrial sector.

The performance and development of investment in Sepang became even more prominent when Sepang was directly involved with the Integrated Development Region in South Selangor project or Integrated Development Region Plan in South Selangor (IDRISS) introduced by the Selangor State Government through Invest Selangor. This project is one of the efforts to attract high-impact investment in the southern area of Selangor by private developers with the offer of various incentives by the State and Federal Governments.

Sepang District also has a comprehensive road network system and is operated by various highways. In addition, the public transport system in Sepang consists of various modes of public transport such as ERL, MRT and buses including the Selangor Smart Free Bus.

- MEX HIGHWAY
- ELITE HIGHWAY
- SKVE HIGHWAY
- PLUS HIGHWAY
- LDP HIGHWAY

	2020	2030
 Road	1,200 KM	1,500 KM
 Drainage	2,500 KM	3,500 KM
 Streetlight	17,610 unit	22,000 unit
 Traffic Light	41 Junction	60 Junction
 4G / 5G Telecommunication Pole	4G : 28 Poles 5G : 35 Poles 5G : 30 on top of the building	





01 LAND BANK AVAILABILITY

Selangor District possesses approximately 3,440.45 acres of vacant industrial land, presenting significant opportunities for future development. It is important to note that this figure excludes the committed development projects already approved by MPSepang. Among these projects are the Sepang Aerospace development owned by Sime Darby Sdn Bhd, covering an area of 2,000 acres, and the Bandar A City project spanning 400 acres. Situated adjacent to the KLIA development, these projects serve as an appealing magnet for investments in the aerospace sector and other industries within Sepang.

02 RESILIENT AND SUSTAINABLE INDUSTRY

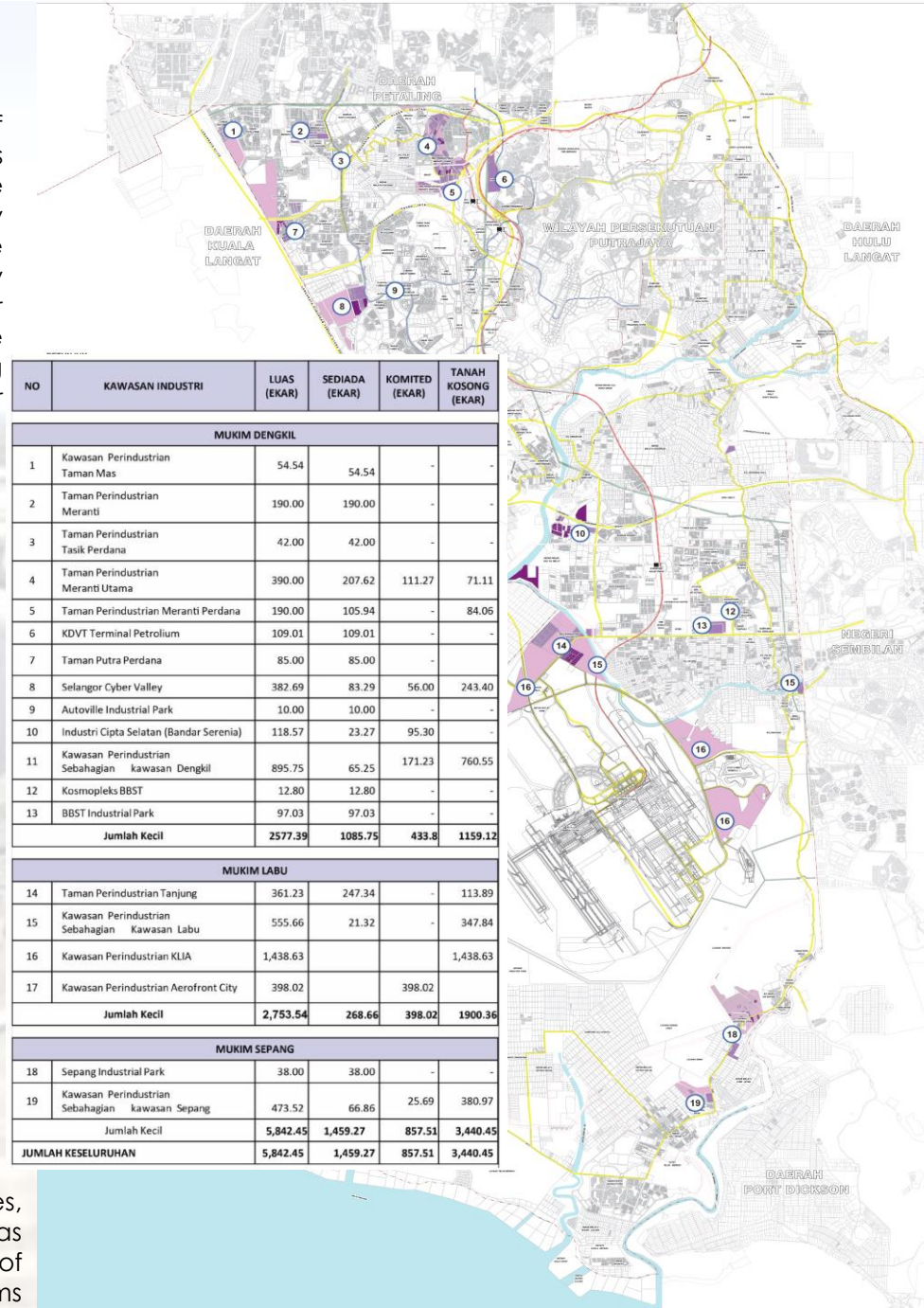
The industrial landscape in Sepang is characterized by a conducive environment and comprehensive facilities that ensure the sustainability and relevance of existing and prospective industries. By incorporating these essential elements, we can effectively address the challenges faced by industry players, particularly in the areas of site management, safety, health, and traffic. Furthermore, these measures have far-reaching effects on social and environmental sustainability, fostering a favorable and sustainable ecosystem for businesses to thrive in Sepang.

03 TELECOMMUNICATION ACCESS

The insufficient coverage of the telecommunications network, particularly in terms of internet access, has had a significant impact on the operational efficiency of the industry.

04 INFRASTRUCTURE AND UTILITIES MAINTENANCE

The industrial area in Sepang faces several key issues, primarily pertaining to infrastructure maintenance such as roads and drainage systems. Additionally, the lack of systematic solid waste management has led to problems such as flash floods and the presence of illegal garbage within the industrial area.



Source: MPSepang Local Plan 2025



01 | Industrial Park Management Committee (IPMC)

The Industrial Park Management Committee (IPMC) in Sepang District serves as a platform for collaboration and coordination between local authorities and representatives of the industrial area. Its primary objective is to regulate and facilitate the maintenance, management, and growth of the industrial sector. In line with this, MPSepang has established an investment unit and appointed a dedicated investment officer to enhance efforts in attracting both local and international investors to Sepang.

03 | Alternative Energy Sources

Striving for a low-carbon city, Sepang is intensifying its initiatives by implementing solar panels on reservoirs, buildings, and private land to harness renewable energy sources. These installations aim to generate alternative energy and reduce reliance on traditional power sources.

05 | High-tech maintenance

In order to enhance infrastructure maintenance efficiency, MPSepang has proactively adopted advanced technology and equipment. Modern machinery, such as Jetpatcher for road patching (pothole repair) and robotic technology for drainage maintenance, has been utilized to streamline these operations.



02 | Telecommunications Coverage Network

In a collaborative effort with the Malaysian Communications and Multimedia Commission, MPSepang has embarked on an initiative to enhance the telecommunications network in the Sepang District. This includes ensuring comprehensive 4G and 5G coverage, particularly in Cyberjaya. The measures undertaken involve replacing conventional street lights with multifunctional street lights and the installation of telecommunication poles by service network providers.

04 | Integrated Utility Reserve

To streamline the telecommunications and internet networks, there is a plan to establish an integrated mains utility reserve, also known as common trenching. This initiative will be coordinated with the Selangor Utility Corridor (KUSEL) to ensure efficient infrastructure development and management.

06 | Awareness Programme for Property Care

Promoting a culture of public property stewardship and maintenance at the community level in the Sepang district.



WAY FORWARD

THEME 1 : SEPANG AERO INDUSTRY GATEWAY

Aerospace Industry

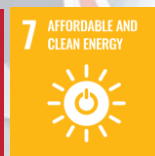
The aerospace industry has been identified as one of the strategic and impactful industries to drive the country's economic growth in the manufacturing and maintenance, repair and operation (MRO) segments, technological research, employee skill development and new job opportunities.

Selangor, with its strategic location as the nation's primary aviation hub housing KLIA, is poised to lead the aerospace industry. The availability of undeveloped land surrounding KLIA presents an opportunity to fulfill the demand from both existing and new industry players seeking to establish their regional operations in Malaysia.



The proposed Selangor International Aero Park development in Sepang aims to create an investor-friendly industrial zone, acting as a catalyst for the country's aerospace industry. This comprehensive development encompasses various components, including:

- a) **Maintenance, repair and operation (MRO) center**
- b) **Aircraft design, Engine manufacturing and aircraft spare parts**
- c) **Research and development center for aerospace technology**
- d) **Offices dealing with the operations of aerospace industry players**
- e) **Supply chain support to the aerospace industry**
- f) **Green Industry in terms of energy efficiency**
- g) **Employee Innovation and Excellence Training Center**
- h) **Employee accommodation equipped with sustainable facilities**
- i) **Integrated public transport network**





WAY FORWARD

THEME 1 : SEPANG AERO INDUSTRY GATEWAY

Selang Special Development Incentives

MPSepang provides several development incentives to attract investors to jointly develop the aerospace sector industry in Sepang. Among the efforts implemented are as follows

- ❑ "Green Lane Approval" through approval within a period not exceeding 3 months
- ❑ Preliminary permission to start work on the site
- ❑ The establishment of a special Task Force for development consultation
- ❑ Investment Officer advisory services

5

IDRISS incentives

- Land Special Premium Scheme
- Interest Free Forwarding Charge Installment Payment
- Vacant Land Assessment Tax Exemption
- 50% Deduction of Vacant Building Assessment Tax
- Business License Fee Exemption

7

Incentives for industrial park developers and managers

- Land Premium
- Advance Charge Installment Payment without Interest
- Exceptions to Low Cost Factory Provisioning
- Property Ownership Kouta For Citizens / Permanent Resident Foreign Companies
- Non-Strata Development Long Term Lease
- First Year Land Tax Exemption
- Assessment Tax (Vacant Land / Vacant Building)

4

Incentives for Investors in Industrial Park Management Areas

- Fast Track Process (Advance Application)
- Immediate approval period
- Assessment Tax (Vacant Land / Vacant Building)
- Business License Fee Exemption (5 Years)

The State Government has introduced investment incentives for seven projects associated with the Regional Integrated Development Plan in Southern Selangor (IDRISS), as well as any future projects under IDRISS. These incentives were launched on March 15, 2023, with the aim of further stimulating investment development in the State of Selangor, particularly in the Sepang District.





WAY FORWARD

THEME 2 : SMART INFRASTRUCTURE MAINTAINANCE

RESILIENT ROAD SYSTEM

Selangor is committed to ensuring the proper maintenance and regular upkeep of the roads under its jurisdiction. In pursuit of this goal, Selangor has set a specific objective of achieving zero potholes by 2030.

The Jetpatcher, an advanced equipment designed for quick pothole repairs using cold pavement techniques.

For regions where heavy machines and vehicles are used, the concrete pavement approach is the best option. Although this approach involves higher initial costs, it proves more cost-effective in terms of maintenance over the long term.

Furthermore, Selangor aims to enhance the traffic infrastructure by upgrading the existing traffic lights to Smart traffic lights, which will be integrated into the Council's traffic management system. Additionally, the installation of CCTV cameras in specific locations will further enhance monitoring capabilities..

'Selangor Zero Pot Hole by 2030'





WAY FORWARD

THEME 2 : SMART INFRASTRUCTURE MAINTAINANCE

High-tech and resilient infrastructure and utilities maintenance

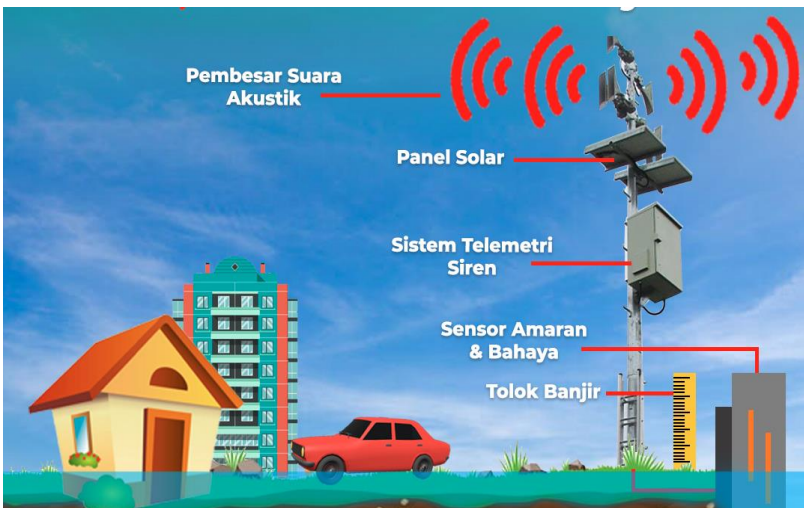
FLOOD WARNING SYSTEM

A comprehensive and interconnected drainage system is essential to address the challenges posed by flash floods and backflow in small-scale development areas, including pocket developments such as residential, commercial, and industrial areas.

The implementation of flood early warning systems plays a crucial role in mitigating the adverse impacts of floods on communities. These systems provide timely information to the public regarding upcoming flood risks, enabling individuals to take appropriate preventive measures.

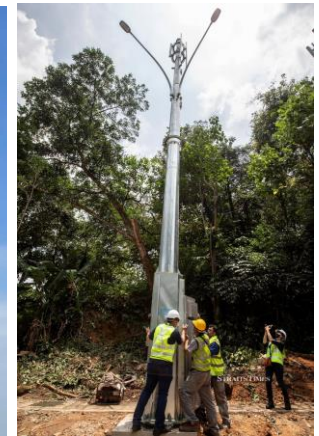
The Selangor Irrigation and Drainage Department (SID) has successfully implemented the installation of the system in the major rivers of Sepang district, namely Sungai Langat, Sungai Labu, Sungai Jenderam, and Sungai Rasau.

The utilization of robotic technology proves to be an excellent solution for maintaining the drainage systems, particularly in closed drains and narrow spaces, ensuring effective cleaning and maintenance.



EXPANDING TELECOMMUNICATION NETWORK SYSTEM

Through the replacement of multipurpose lampposts and the construction of new telecommunication tower structures in Cyberjaya, the Council and the State Government's subsidiaries have worked to provide a comprehensive 4G/5G telecommunication network system that will be extended to specific industrial areas. This will improve the communication and internet connectivity capabilities of the Sepang district.



SDG 11 : SUSTAINABLE CITIES AND COMMUNITIES



“SEPANG INCLUSIVE CITY”





A sustainable city is one that is well-managed, provides residents with adequate facilities and effective services, and meets their diverse needs across various areas such as the economy, social context, health, and education. When it comes to SDG 11, the focus extends beyond sustainable development to ensure a thriving community and a high quality of life for the people living in Sepang.

To transform Sepang into an inclusive city with a vibrant community, several challenges need to be addressed. These include improving municipal management, balancing development, providing essential community facilities, enhancing public transportation efficiency, alleviating traffic congestion, and enhancing infrastructure. Overcoming these challenges requires a continuous and concerted effort.

Sepang has undertaken various initiatives, development plans, and policies to tackle these municipal challenges head-on. These include the MPSepang Strategic Plan 2021-2030, the MPSepang Local Plan 2025, and the Cyberjaya Smart & Low Carbon City Action Plan 2025. These frameworks serve as guiding documents to ensure the city's progress and address the needs of its residents effectively.

In addition, community engagement is a vital aspect of Sepang's development journey. Efforts are made to involve the community in every stage of development planning and to provide essential facilities that are easily accessible to all residents, regardless of their backgrounds.

Through these endeavors, Sepang aims to foster a sustainable and inclusive city that promotes a high quality of life and empowers its residents to thrive.



114,151 Units

Number of Houses in Sepang



40,348 Units

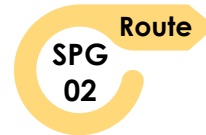
Rumah Selangorku & Affordable Housing

Source: City Planning Department, MPSepang

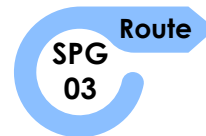
4 Selangor SMART Bus Route



Route Tanjung Sepat – Sungai Pelek – ERL Salak Tinggi – KLIA – KLIA 2



Route Salak Perdana – BBST – ERL Kota Warisan – KLIA – KLIA 2



Route Taman Seroja Hawkers Centre – Jenderam Hulu – Pekan Dengkil – Cyberjaya



Route Pusat Penjaja Taman Seroja – Jenderam Hilir – Sungai Merab – Hospital Serdang



2,192 Acres

Open space and recreational areas

Source : Sepang Local Plan 2025



**01 ENSURING A SECURE ENVIRONMENT AND
ACHIEVING BALANCED DEVELOPMENT**

One of the primary challenges faced by MPSepang in pursuing sustainable development is achieving a well-balanced development pattern and addressing urban sprawl in Sepang. Striving for balanced development holds significant implications for population growth, intercity accessibility, efficient public transportation, provision of community facilities, and the creation of social spaces that cater to the community's needs for a safe living environment in the city.

**02 INFRASTRUCTURE EFFICIENCY AND SUSTAINING
ONGOING MAINTENANCE**

Municipal management plays a crucial role, particularly in the maintenance of infrastructure, to ensure Sepang functions seamlessly for generations to come. By implementing efficient and continuous infrastructure maintenance practices, the risk of disasters, such as flash floods, can be prevented or minimized. This proactive approach promotes the long-term safety and well-being of the community.

**03 COMMUNITY INVOLVEMENT IN
SUSTAINABLE DEVELOPMENT**

Embracing a bottom-up approach entails prioritizing community participation and giving weight to the needs, aspirations, and desires of the community. This strategy not only fosters social justice but also contributes to sustainable development by actively involving all stakeholders. By engaging the community in decision-making processes, we empower them to shape their own future and collectively work towards a more inclusive and prosperous Sepang.

**04 ENHANCING HERITAGE AND CULTURE AS TOURIST
ATTRACTIONS**

In addition to planning development to meet the community's needs, Sepang is blessed with valuable heritage and cultural assets that hold aesthetic significance. It is crucial to preserve and restore these treasures. To achieve this, it is essential to enhance programs that provide support facilities and promote the rich heritage and culture of Sepang. By doing so, we can raise awareness, foster appreciation, and ensure the legacy of Sepang's heritage for future generations.





Affordable Home Housing

The Selangor State Government has introduced a new housing concept which is Affordable Housing which provides more comfort in terms of size and design. There are 3 initiatives that have been implemented namely:

01 Rumah Selangorku

Rumah Selangorku is a housing scheme designed to support low and moderate income groups introduced by the Selangor State government for Selangor people. The housing scheme of the Selangorku Affordable House project has been prepared and targets those who earn RM 3,000 to RM 10,000 per household per month. Since 2018, a remarkable achievement has been reached in Sepang, with a total of 24,428 Rumah Selangorku units successfully completed and made available to residents.

02 My First Home Scheme (SRP)

My First Home Scheme (SRP) is a Government initiative to help first home buyers to own a home. The banks participating in the scheme will carefully evaluate and process loan/financing applications based on the criteria set forth by the Scheme, as well as their own credit underwriting standards. Once approved, the loans/financing will be disbursed to the eligible applicants. This is an opportunity for applicants to take advantage of incentives from the government where applicants can get a 100% loan without having to provide 10% capital from the house price.

03 i-Milik

i-Milik offers a valuable stamp duty exemption incentive on transfer documents and loan agreements for first-time homebuyers, with the exemption amount being based on the purchase price of the property. This initiative aims to alleviate the financial burden associated with purchasing a first house. For houses priced at RM500,000 and below, the stamp duty exemption incentive is 100%, meanwhile for houses priced above RM500,000 up to RM1 million, the exemption incentive is 50%

Public Transportation System

The Sepang Municipal Council has collaborated with the Selangor State Government in providing public transportation facilities such as the SMART Selangor Bus, MRT, and ERL in Sepang to facilitate the movement of the local community to their destinations. Based on the public transportation study that has been conducted, there are 4 SMART Selangor Bus routes and 10 buses that have been provided by the Sepang Municipal Council.

Provision of User-Friendly Public Facilities

To enhance the community's well-being, MPSepang has thoughtfully provided accessible and user-friendly public facilities, including halls, community centers, and open spaces. Additionally, MPSepang has taken the initiative to establish social facilities like the BBST Walk @ Sepang, which fosters social interactions and strengthens community ties. These efforts aim to create an inclusive and vibrant environment for the residents of Sepang

Social Program with the Sepang Community

The input and perspectives of the community hold great significance in decision-making processes, ensuring that all plans and proposals put forth by MPSepang effectively address municipal and social challenges. By implementing the Sepang Community Cooperation Program, we aim not only to establish a sustainable township but also to foster the growth of a sustainable community. The following programs have been implemented to benefit the community:

- Program Anugerah Kebun Komuniti
- Program Hari Bertemu Pelanggan / Sesi Town-hall
- Program Pengiktirafan JMB/MC Cemerlang
- Program Kebudayaan
- Program Hari Tanpa Kenderaan
- Program Fun Walk @ BBST Walk
- Pesta Pantai
- Program Anugerah Kejiranan Terbaik



WAY-FORWARD

THEME 1 : LIFE – TIME CITY

Creating an Inclusive and Barrier-Free City for All Levels of the Community, With the ability of Creating a First-Class and Intellectual Community of Minds

A Life-Time City is characterized by its provision of comfortable and conducive facilities to cater to individuals from all walks of life. According to data from the Department of Statistics Malaysia, city dwellers seek a peaceful, clean environment that is free from various nuisances, ensuring safety and enabling residents to pursue their aspirations.

This life-time city will focus on several aspects such as accessibility, the provision of public facilities suitable for all generations, a safe and secure environment and open and leisure areas that apply universal design elements.

The Life-Time City concept aims to make a notable impact by prioritizing the development of inclusive infrastructure for individuals with disabilities and the elderly. Moreover, community facilities like suraus and medical centers will be strategically located near housing parks to cater to the needs of special individuals.

MPSepang is dedicated to transforming Sepang into a city that is welcoming and accommodating for people of all age groups, with a special focus on creating an inclusive environment for individuals with disabilities (PwD). In order to create a life-time city, MPSepang aspire to empower city development from various aspects such as public transport, infrastructure, public facilities and comfortable and affordable residences.



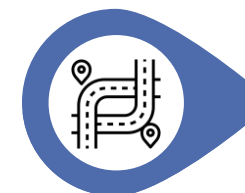
Age-Friendly Housing Design



Infrastructure and utilities are completely functional



Community Facilities and Universal Open Spaces



Accessibility and Efficient Public Transportation



A Safe Environment



A Support System that Prioritizes Senior Citizens





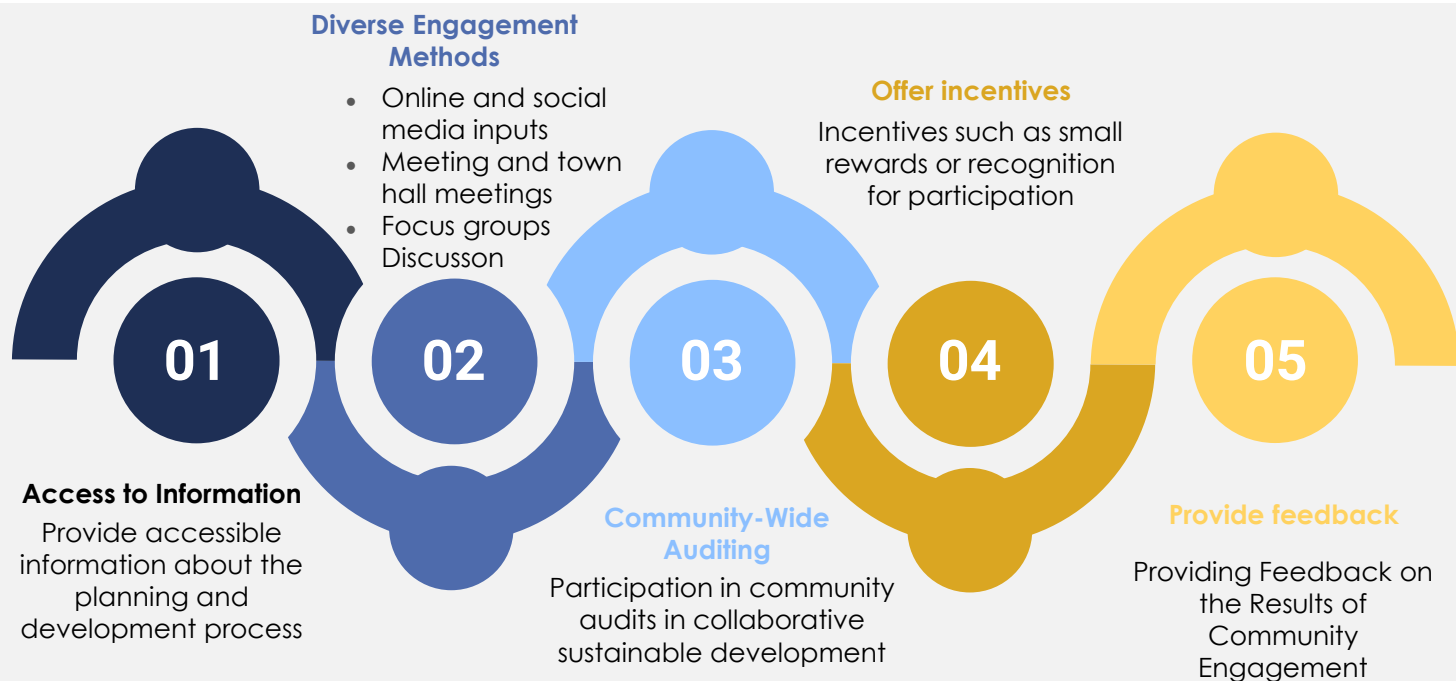
WAY-FORWARD

THEME 1 : LIFE – TIME CITY

Community Involvement in Sustainable Development

Active involvement of the local community residing in the city is essential to materialize the vision of a Life-Time City. It is imperative that every urban development project considers the perspectives of the community to ensure alignment with their present needs and the achievement of the overarching objectives. The consultative committee comprising residents must actively participate in managing various community activities to foster a sense of ownership and collective responsibility. This collaborative approach will enable the realization of a vibrant and inclusive city that caters to the diverse aspirations of its residents.

Participation in the planning process also helps build trust between local authorities and residents. By involving the community in making decisions in Sepang's development planning. This can show that MPSepang values and respects community input and is committed to creating a better future for everyone.



WAY-FORWARD

THEME 2 : HERITAGE AND CULTURE

Preserving Heritage and Culture

Preserving heritage and culture is crucial as they serve as symbolic representations of an area and its community's identity. In Malaysia, the National Heritage Act 2005 [Act 645] plays a vital role in safeguarding and conserving national heritage, including natural and cultural treasures, both tangible and intangible, as well as underwater cultural heritage.

Selangor, in particular, boasts a rich array of artistic, cultural, and heritage assets, such as ambeng rice, dredging heritage, traditional villages, and traditional dances. These invaluable treasures have the potential to serve as compelling tourist attractions, showcasing the unique charm and cultural heritage of Selangor.

Efforts to improve facilities and services will also be implemented to attract tourists to Selangor. Additionally, these cultural assets possess tremendous potential to emerge as key catalysts for driving the district's economy forward.

2,022 | **Nasi Ambeng** set a record as the largest rice dish in Malaysia
Tray

Sumber: Malaysian Books of Record, 2022

 **49** Years
Dredger

DEVELOPMENT OF NATIONAL TIN MINE HERITAGE PARK AND SRI BANTING DREDGER

BBST WALK : CULTURE PROMOTION PROGRAM

COMMUNITY ACTIVITIES	TRADITIONAL DANCE
BANGHURIS HOMESTAY	TRADITIONAL VILLAGE AS A CULTURAL ICON





SDG 12

RESPONSIBLE CONSUMPTION AND PRODUCTION



MPSepang prioritizes waste management and public cleaning services as fundamental aspects of its operations. The consistent rise in Sepang's population, rapid economic progress, and urbanization have contributed to a significant increase in solid waste generation year by year. In addressing this challenge, solid waste management follows a hierarchy that emphasizes reduction, reuse, recycling, intermediate treatments, and ultimately, responsible disposal.

To establish an efficient and comprehensive solid waste management system in Sepang, a holistic approach is essential. This involves implementing an integrated system that actively engages all stakeholders in promoting recycling practices. By empowering stakeholders and introducing recycling centers, we anticipate a substantial reduction in solid waste production by 2030. This approach not only ensures environmental sustainability but also promotes public health and well-being.

Waste composition in Malaysia



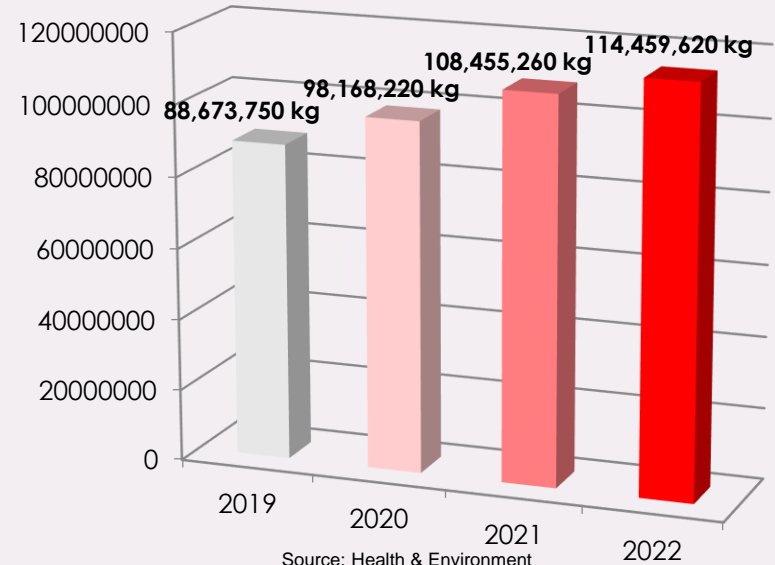
Source: Solid Waste Management and Public Cleansing Corporation

Waste generation in Malaysia

Year	Population	Waste Generation (Tonnage) per day	Waste Generation (Tonnage) per year
2015	31,709,650	37,100.29	13,541,606.33
2016	31,950,000	37,381.50	13,643,195.24
2017	32,049,700	37,498.15	13,686,824.39
2018	32,385,000	37,890.45	13,830,014.25
2019	32,581,400	38,120.24	13,913,886.87
2020	32,584,000	38,123.28	13,914,997.20
2021	32,655,400	38,206.82	13,945,488.57

Source: Solid Waste Management and Public Cleansing Corporation

Total Solid Waste Generated at Sepang



Source: Health & Environment Department, Sepang Municipal Council



85,205.83 kg
Total Household Solid Waste Recycling at Sepang 2022

Source: Health & Environment Department, Sepang Municipal Council



READINESS OF SEPANG COMMUNITY

Despite the recycling campaigns being actively conducted in the country for nearly three decades, the level of public response remains relatively low. According to statistics from the National Solid Waste Management Department (JPSPN) in 2021, the recycling rate in Malaysia stood at 31.52%, whereas many developed nations have achieved rates of at least 60%. Unfortunately, Sepang district is no exception to this challenge, as it only managed to achieve a recycling rate of 10% in 2022.

National recycling rate target of 40% by 2025.



TECHNOLOGICAL INFRASTRUCTURE

The conversion of solid waste into valuable resources requires the support of the latest technology. This initiative requires collaboration from experts and R&D that can help produce innovative products that are advanced.

However, keeping up with the rapid pace of technological advancements poses a challenge for MPSepang. For instance, technical issues and the unavailability of replacement parts in the local market have rendered the existing Anaerobic Digester (AD) machine non-operational. This limitation hinders MPSepang's ability to produce compost fertilizer from food waste.

EFFICIENCY IN WASTE MANAGEMENT

Ensuring efficient waste management demands a strong commitment to human resource management, financial management, and logistics. The effectiveness of waste management is also influenced by the diverse operational locations spanning urban and rural areas





**Composting
Landscape Waste into
Fertilizer Compost**



The production of compost fertilizer took place in Hutan Bandar, Cyberjaya, where it underwent a 6-month processing period. The resulting compost fertilizer was then utilized for landscaping purposes in Cyberjaya.

Innovation Centre @Sepang (PIS)



PIS, an ABBF plant and processing facility, converts used cooking oil into biodiesel. Under the KISMAT program, the collected used cooking oil is transported to PIS where it undergoes filtration and processing to transform it into biodiesel.

Mudball Programme



Mudball program was carried out at the Retention Pond of Persiaran Semarak Api, Cyberjaya.

Recycling Cage



A recycling bin has been installed at the Cyberjaya Community Club, Laman & Bayu Puchong, and SJK(T) Dengkil.

Cyberjaya Recycling Centre (PKSC)



The PKSC resumed operations on August 1, 2022, following its complete refurbishment and handover to the Environmental Health Department, MPSepang

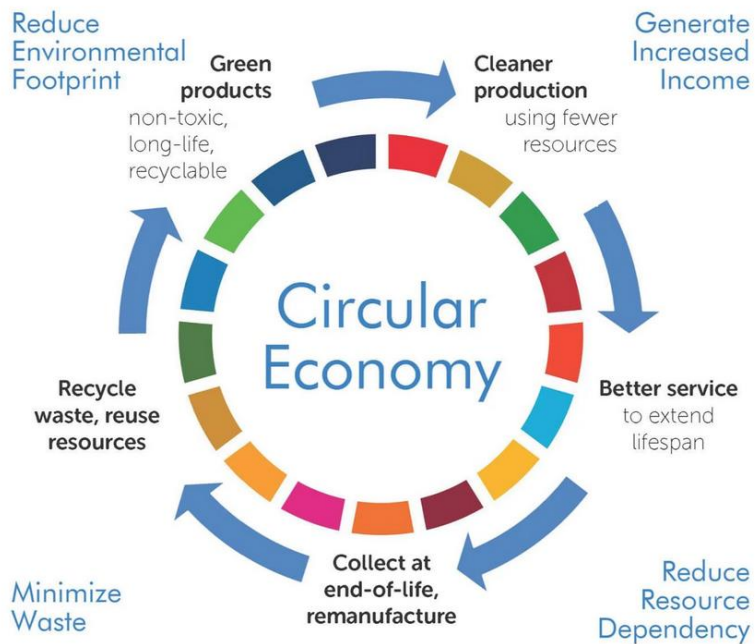
WAY-FORWARD

THEME: WASTE TO WONDER

PUBLIC AWARENESS

To promote the importance of recycling, it is crucial to strengthen public awareness through stakeholder meetings across all 24 JPP Zones. The Council members will play a vital role in driving the implementation of the recycling program alongside residents. The following recycling activities should be prioritized:

- Recycling Education Programs
- Garden and Food Waste Composting Programs
- Collective KISMAT Programs
- Promotion of Cultural Practices for Reuse
- Revenue Generation Through Waste Programs
- Training for Creativity and Innovation Using Recycled Materials



To effectively implement the recycling program, it is crucial to maintain the ongoing commitment of stakeholders, coupled with recognition and rewards from MPSepang. This will serve as an incentive and encouragement for all parties involved to actively participate and contribute to the success of the recycling initiatives.



WAY-FORWARD

THEME: WASTE TO WONDER

RECYCLING USED COOKING OIL (KISMAT)

The **KISMAT** program, under the administration of MPSepang, plays a crucial role in preserving the environment and ensuring environmental cleanliness through the collection of used cooking oil from food premises and the community. This program has significant social and environmental benefits, including:

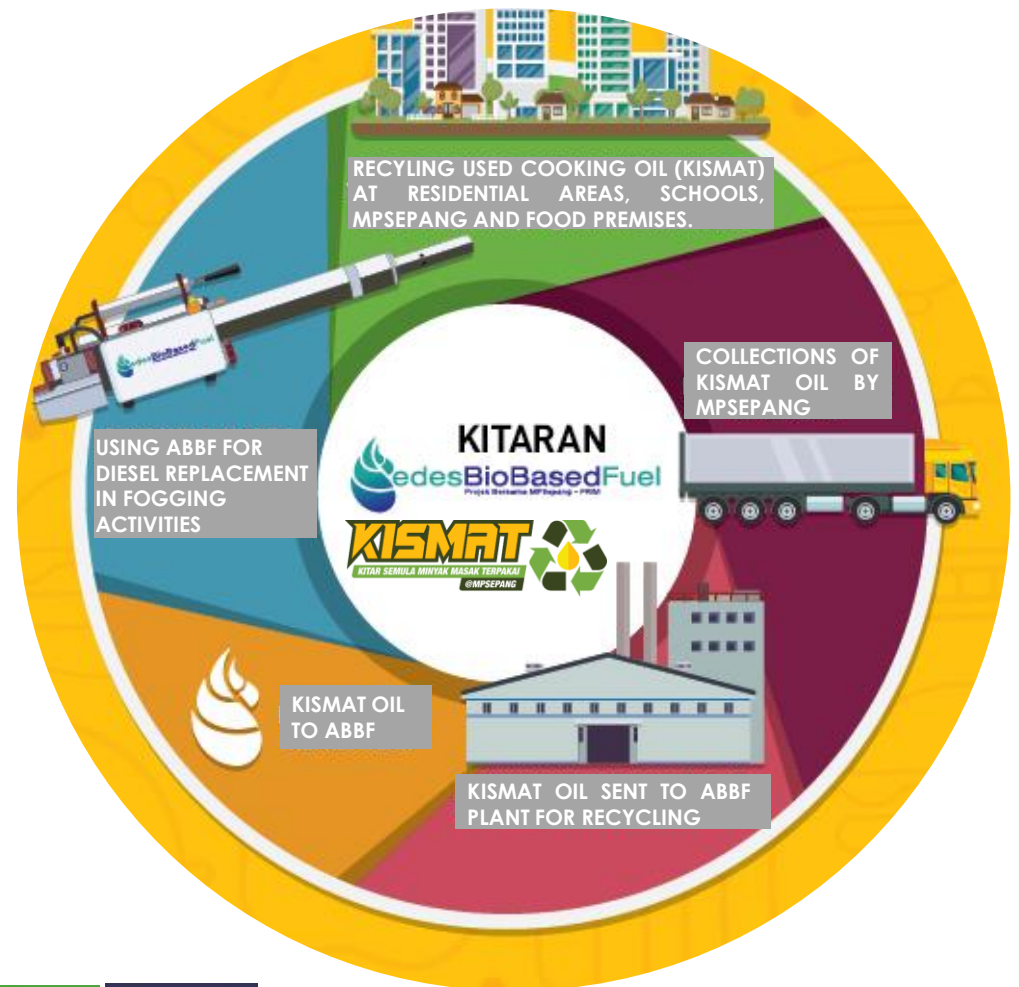
- Preventing pollution and environmental damage
- Mitigating pest and disease issues
- Adding value to wasted cooking oil
- Additional income to the community
- Generating additional income for the community

The **Aedes BioBased Fuel (ABBF)** innovation is derived from the conversion of used cooking oils. It serves as an eco-friendly alternative to traditional diesel fuel used in fogging operations for the control of dengue disease.

The advantages of ABBF are manifold. Firstly, it helps to minimize the health risks faced by fogging machine operators, ensuring their well-being during fogging activities. Secondly, ABBF acts as a specialized material for fogging, enhancing the effectiveness of disease control efforts. Furthermore, it adds value to the previously discarded used cooking oil collected through the KISMAT program, promoting resource utilization and sustainability. Lastly, the utilization of ABBF contributes to the enhancement of the social economy within communities, fostering economic benefits and growth.

❑ Fogging activities will use 100% of ABBF.

❑ Spread and commercialise ABBF to all local authority especially to local authority in Selangor.



COMPOSITION OF LANDSCAPE WASTE AND FOOD WASTE

Composting presents a natural and environmentally-friendly approach to recycle organic matter derived from both landscape waste and food waste. It involves a natural decomposition process facilitated by microorganisms in the presence of oxygen. Through this process, organic materials undergo decomposition, leading to the production of a reusable and environmentally beneficial natural fertilizer. The utilization of composting not only contributes to waste reduction but also promotes sustainable practices and nourishes the environment.

LANDSCAPE WASTE

Processing compost fertilizer from landscape waste has been effectively implemented at Hutan Bandar, Cyberjaya, and its expansion is planned for JPP Zones with community gardens. Opting for homemade composting materials as a means of recycling aims to minimize the environmental impact of landscape waste and promote green circular economy practices.

The compost fertilizer, after undergoing a minimum 6-month processing period, will be utilized for nourishing the soft landscape areas within the Cyberjaya development. This initiative not only demonstrates responsible waste management but also contributes to the sustainable beautification of the surroundings.



□ The use 50% of composite fertilizer over all soft landscapes by 2025



FOOD WASTE

MPSepang will collaborate with operators from food courts, commercial centers, and public markets to convert food waste into compost fertilizer using the Anaerobic Digester (AD) machine.

The operators will segregate the food waste and place it in designated containers for composting. Community gardens in JPP zones will combine landscape waste with food waste, and MPSepang will provide the resulting compost fertilizer.

This approach aims to reduce the amount of solid waste sent to disposal sites and alleviate the financial burden of tipping fees for MPSepang. Moreover, it indirectly extends the lifespan of solid waste disposal sites, promoting more sustainable waste management practices.





SEPANG
MAJLIS PERBANDARAN SEPANG

6.0 CONCLUSION

We are people and planet



We are people and planet

Sepang Embracing Sustainable Development Goals

The Sepang VLR 2023 report represents the firm commitment of MPSepang to fulfill the Sustainable Development Goals set by the United Nations. These goals, specified in the report, will be implemented as part of the Champion SDG targets, with the aim of accomplishing them by the end of 2025, within a span of less than two years.

To ensure the successful implementation of the SDGs in Sepang, collaboration and cooperation among various stakeholders, particularly the entire Sepang community, are crucial in working alongside MPSepang.

The contributions of each party are vital, with SDG 17 being identified as a key driver for achieving the SDGs in Sepang, emphasizing the importance of multi-stakeholder partnerships.

Furthermore, this publication serves as an innovative tool to raise awareness and promote widespread understanding of the SDGs.

MPSepang's efforts will continue to be intensified, focusing on the implementation and reporting of action plans for the remaining 12 SDGs, in addition to monitoring the accomplishments and progress of the five SDG Champions.

With a steadfast commitment to the Sustainable Development Goals, Sepang is poised to thrive and continue its journey towards progress, prosperity, and well-being.

SEPANG VOLUNTARY LOCAL REVIEW

SEPANG MUNICIPAL COUNCIL



SEPANG
SEPANG MUNICIPAL COUNCIL



MAJLIS PERBANDARAN SEPANG

