



PETALING JAYA INITIATIVES ON DECARBONISATION IN THE CITY

**IGES High Level Talks : Towards Smart, Zero Carbon and Climate-Resilient Cities
in Malaysia and Japan**

19th October 2023



PETALING JAYA



PETALING JAYA CITY PROFILE



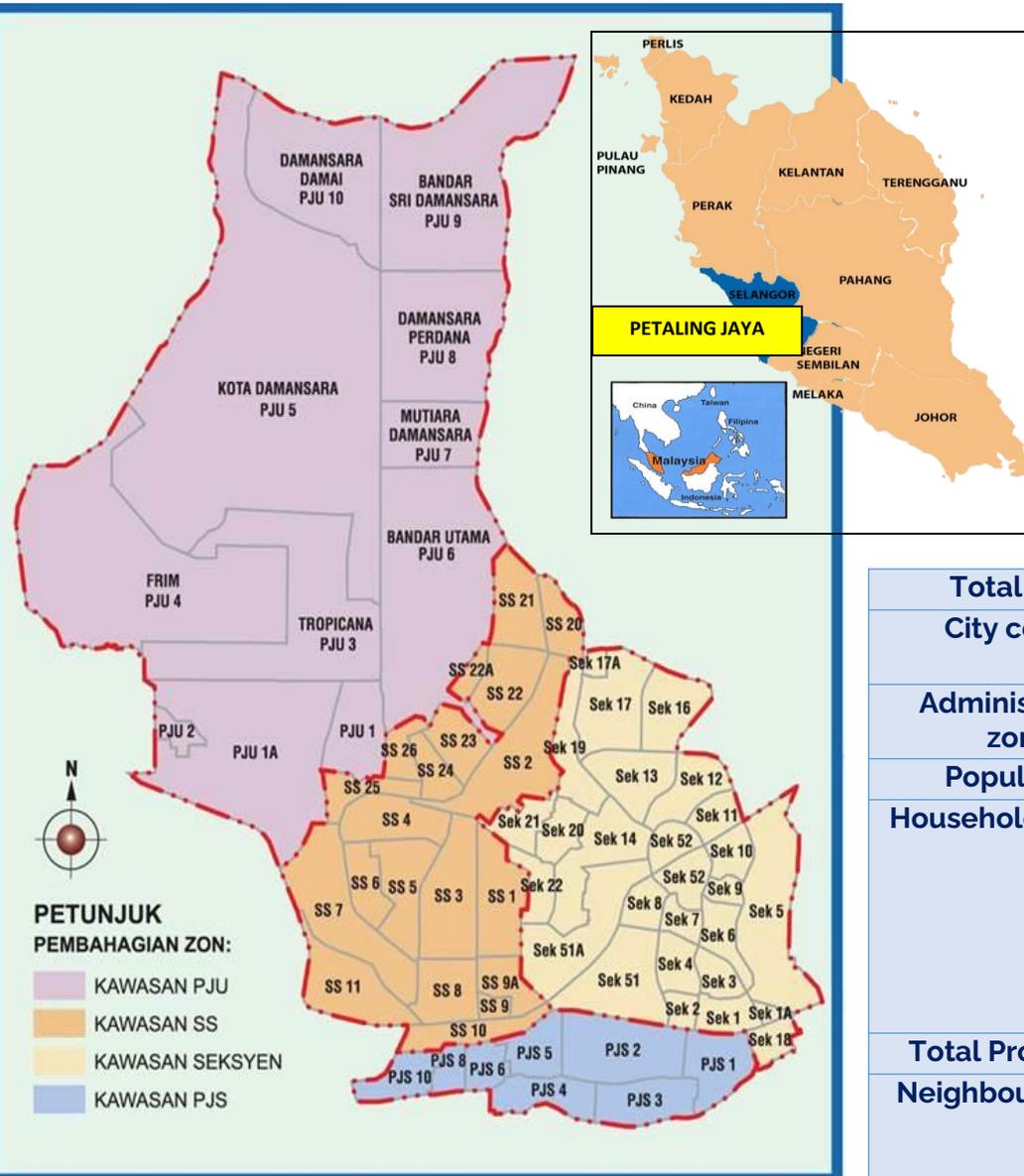
PJ as A Smart, Sustainable & Resilient City by 2030

Mission

- To provide quality facilities and services for the prosperity of Petaling Jaya.

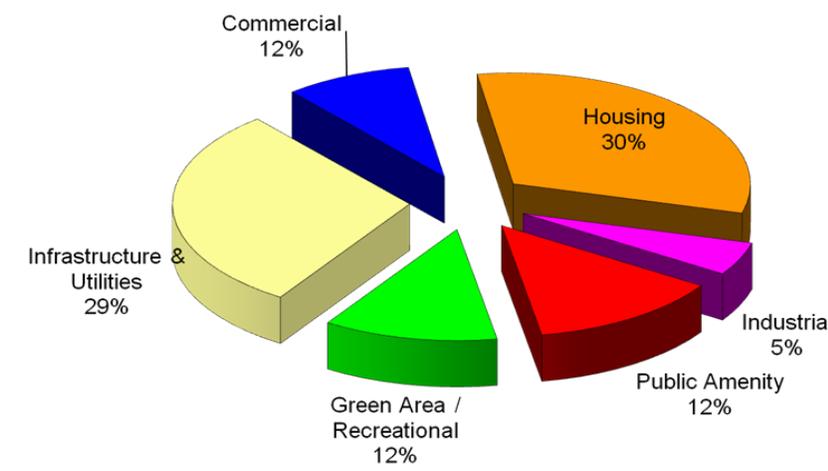
Vision

- Petaling Jaya leading towards a dynamic and sustainable City



Total area	97.2 kilometers
City centre	22 include 2 sub-regional centres
Administrative zone	4
Population	772,763 (2019)
Household income	<ul style="list-style-type: none"> 1996 (USD 740) 2000 (USD 1270) 2010 (USD 1900) 2019 (USD 2,500)
Total Properties	254,174
Neighbouring city	Kuala Lumpur (East), Shah Alam (West), Selayang (North), Subang Jaya (South)

Landuse



LOW CARBON INITIATIVES IN PETALING JAYA



EMERGING MOVEMENT TOWARDS LOW CARBON CITIES



- SITE SELECTION**
 - Development within Defined Urban Footprint
 - Infill Development
 - Development within Transit Nodes and Corridor
 - Brownfield and Greyfield Re-development
 - Hill Slope Development
- URBAN FORM**
 - Mixed-use Development
 - Compact Development
 - Roads and Parking
 - Pedestrian Network
 - Cycling Network
 - Urban Heat Island (UHI) Effect
- URBAN GREENERY AND ENVIRONMENT QUALITY**
 - Preserve Natural Ecology
 - Water Bodies and Biodiversity
 - Green Open Space
 - Number of Trees
- LOW CARBON BUILDINGS**
 - Operational Energy Emissions
 - Operational Water Emissions
 - Building Orientation
- COMMUNITY SERVICES**
 - Shared Facilities and Utilities within Building



FOUR MAIN ELEMENTS FOR CO₂ REDUCTION WITHIN CITIES AND TOWNSHIPS

- WATER MANAGEMENT**
 - Efficient Water Management
- WASTE**
 - Construction and Industrial Waste Management
 - Household Solid Waste Management
- ENERGY**
 - Energy Optimisation
 - Renewable Energy
 - Site-wide District Cooling System
- INFRASTRUCTURE PROVISION**
 - Land Take for Infrastructure and Utility Services
 - Earthworks Management
 - Urban Storm Water Management and Flood Mitigation
- SHIFT OF TRANSPORTATION MODE**
 - Single Occupancy Vehicle (SOV) Dependency
- GREEN TRANSPORT INFRASTRUCTURE**
 - Public Transportation
 - Walking and Cycling
- CLEAN VEHICLES**
 - Low Carbon Public Transportation
 - Low Carbon Private Transportation
- TRAFFIC MANAGEMENT**
 - Vehicle Speed Management
 - Traffic Congestion and Traffic Flow Management

SNAPSHOT OF PJ CLIMATE ACTION PLAN



Petaling Jaya Climate Action Plan 2030

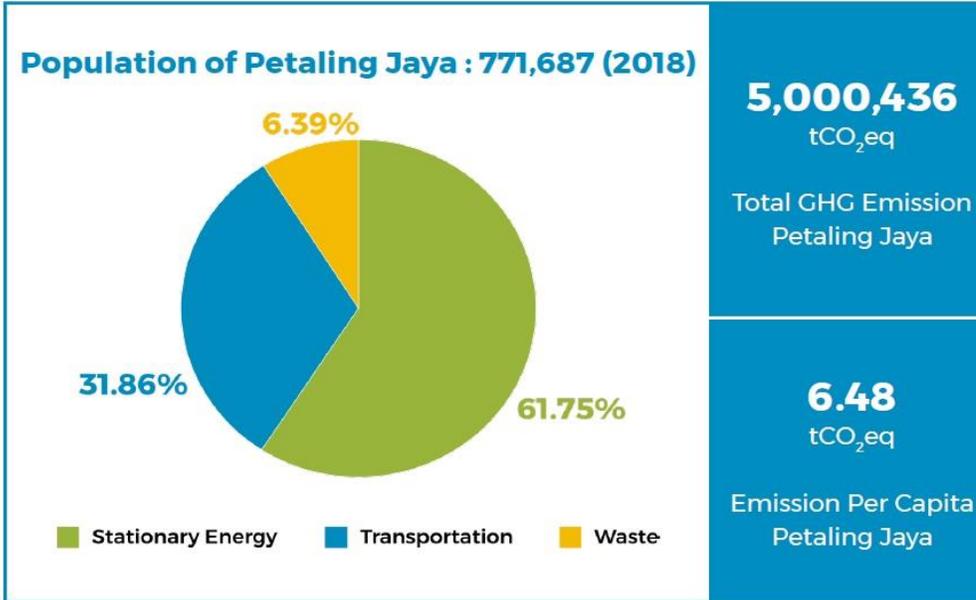
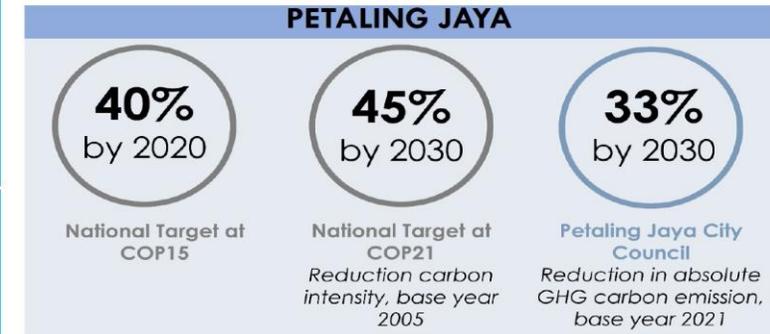


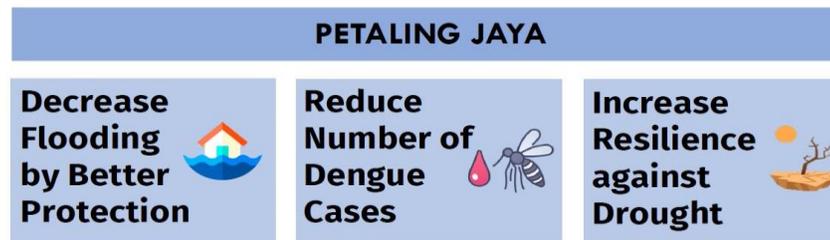
Figure 16: Baseline emission inventory Petaling Jaya

(Source: Petaling Jaya's City Inventory Reporting and Information System (CIRIS))

MITIGATION TARGETS



ADAPTATION GOALS

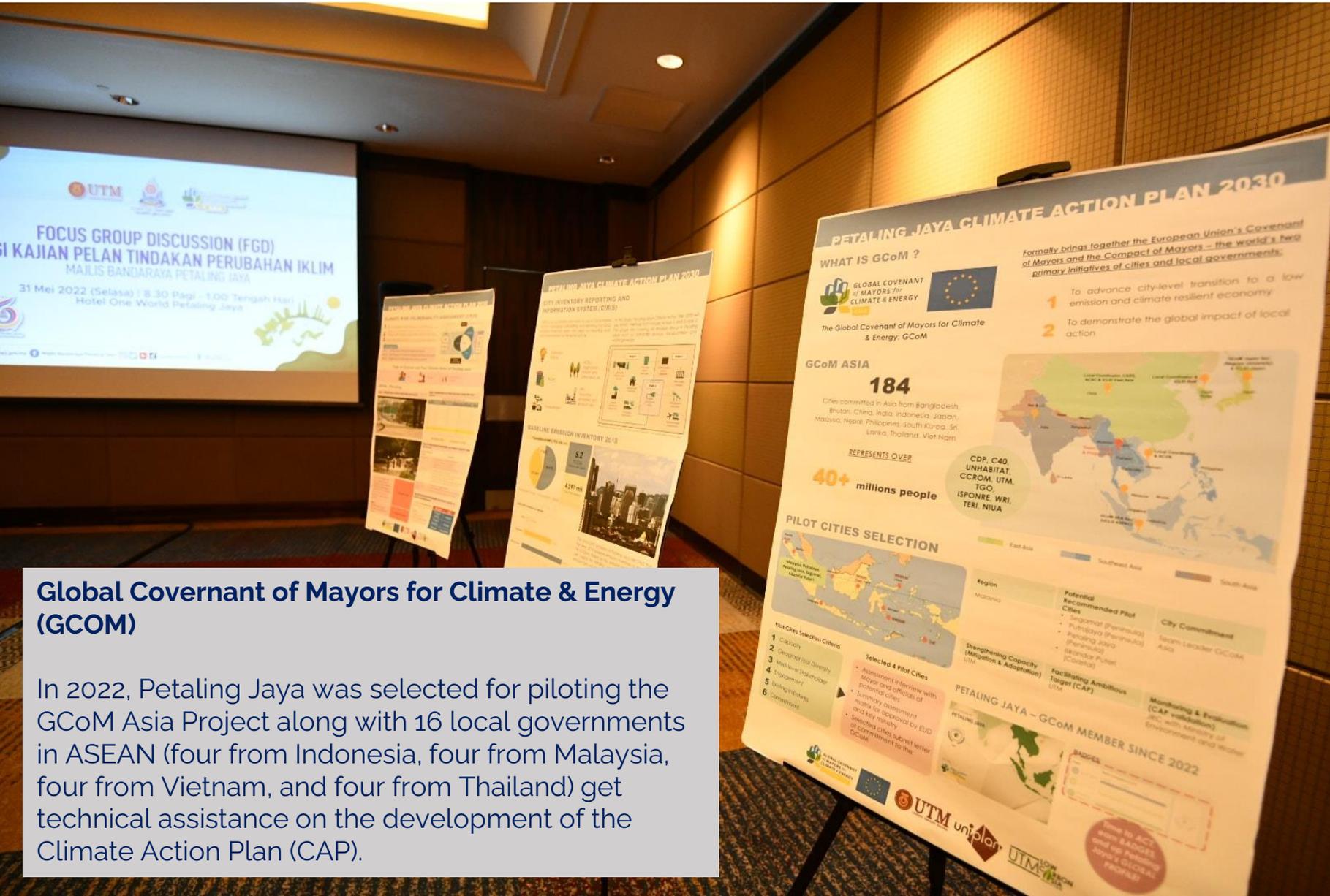


PETALING JAYA

6
THEMES
56
PLANNED
ACTIONS

1. Renewable Sources and Energy Efficiency
2. Sustainable Urban Planning and Building Regulations
3. Pedestrian First and Green Transportation
4. Green Space Planning and Management
5. Social Sustainability and Empowered Communities
6. Disaster Risk Reduction Management

Partnering with GCoM and Universiti Teknologi Malaysia for formulation of the new climate actions plan.



Global Covenant of Mayors for Climate & Energy (GCOM)

In 2022, Petaling Jaya was selected for piloting the GCoM Asia Project along with 16 local governments in ASEAN (four from Indonesia, four from Malaysia, four from Vietnam, and four from Thailand) get technical assistance on the development of the Climate Action Plan (CAP).



PJSSR 2030 as guiding strategic documents



PETALING JAYA *SMART, SUSTAINABLE & RESILIENT 2030*

#sustainablePJ2030

#PJCityOne

#PJKita



10 'THEMATIC PROJECT PJSSR 2030

E-GOVERNANCE CITY

- Digitalisasi Kesemua Sistem Perkhidmatan Majlis Ke Arah Sistem Penyampaian (Delivery System) Yang Lebih Cepak Dan Telus
- Indeks Penarafan Bintang pada Tahap 5 Bintang Setiap Tahun
- Pengiktirafan Antarabangsa Dan Nasional Bagi Amalan Baik (Best Practice)
- Peratusan Kepuasa Penduduk Terhadap Perkhidmatan Majlis melebihi 95%
- Pematuhan ksesemua Pensijilan ISO
- Peratusan Pencapaian Kutipan Hasil Melebihi 90%

SMART CITY

- Pelaksanaan PJ Smart City disemua 12 Jabatan dan 6 Unit MBPJ

SOCIETY 5.0 CITY

- Citizen Domain Dan Penyertaan Komuniti Dan Stakeholder : PJKita Community Dan PJCity One Platform
- i-SSR Merekodkan Inisiatif Pelaksanaan SDG Oleh Kejiranan, NGO, Korporat Dan Individu
- Kesemua Dashboard Smart City Mengandungi Citizen Domain Kebun Komuniti Mampan Di Kawasan Kejiranan (Pusat 3R, Pusat Kompos, SPAH) : Kesemua 274 Kejiranan
- Kesemua 274 Kawasan Kejiranan melaksanakan Inisiatif 17 SDG Dan Pelaporan Ke Dashboard Smart City Melalui PJCity2U

ECONOMICAL VIBRANT CITY

- Membangunkan Tapak Pembangunan Baru antara 20 – 30% di KWASA Damansara
- Urban Regeneration di Seksyen 13 – 60-70%, Seksyen 51, Seksyen 51A dan Seksyen 19 – 10-20%
- Pembangunan Semula Kawasan-kawasan Perumahan Di Zon Perdagangan Terhad mencapai 60%
- Latihan Keusahawanan Kepada Golongan Belia Termasuk Belia Dari Kumpulan Miskin Bandar Dan B40 meliputi 10 Usahawan/ tahun

LEARNING CITY

- Mengekalkan status PJ sebagai Bandaraya Pembelajaran ('Learning City')
- Pematuhan Prinsip 'Life Learning City' Oleh UNESCO

LOW CARBON CITY

- Pengurangan Pelepasan Karbon
 - Kediaman : 4kilo tCO₂ / Tahun
 - Industri Dan Komersil : 33kilo tCO₂ / Tahun
 - Pembangunan Baru : 15kilo tCO₂ / Tahun
 - Kenderaan Persendirian : 30 kilo tCO₂ / Tahun
- 40% Modal Split Bagi Pengangkutan Awam

CIRCULAR ECONOMY CITY

- Pengurangan Sisa Makanan sebanyak 50% Berbanding Tahun 2020
- Kadar Kitar Semula Sampah : 30% / Kenaikan Tahunan Melebihi 2%
- Penjana Sisa Pepejal Perkapita Kurang Daripada 10% Berbanding Tahun Sebelumnya

SAFE AND RESILIENT CITY

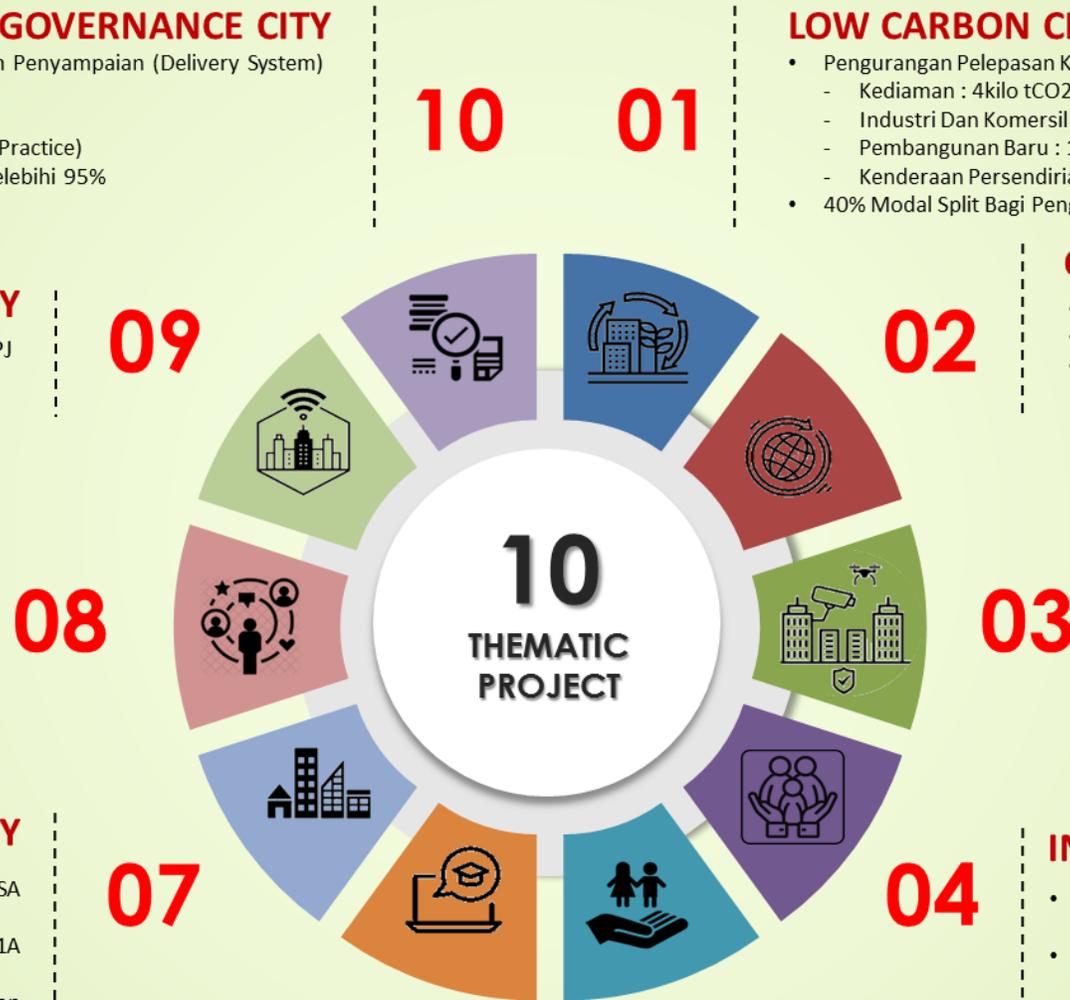
- Kadar Penurunan Jenayah sebanyak 5% Setiap Tahun
- Nisbah Kes Penyakit Bawaan Air & Vector Kurang 40 Kes / 10,000 Penduduk
- 100% Persekitaran Sekolah Selamat Dan Selesa
- Sifar Penjaja Tanpa Lesen
- Penduduk Terjejas Oleh Banjir Kurang Daripada 3%
- 100% Liputan Pengesanan Amaran Banjir Di Semua Aliran Utama Dan Sungai
- 100% Projek Yang Dikendalikan Oleh Majlis Mematuhi Keperluan OSHE
- Bilangan Penduduk Miskin Kurang daripada 0.6%

INCLUSIVE CITY

- Kesemua 23 Pusat Bandar Utama Aksesibel Kepada PWDs Dan 'UD Compliance Certified'
- Kesemua Pusat Membeli Belah Di Lengkapi Kemudahan TLK Wanita Dan Bilik Penyusuan
- Program Pemerakasan Remaja melibatkan 30 Orang Remaja / Tahun
- Memperkasakan Ekonomi Golongan Warga Emas Dan OKU

CHILD FRIENDLY CITY

- Mencapai Status "Bandaraya Mesra Kanak-kanak" menjelang Tahun 2023
- Pengurangan Kanak-kanak Miskin : 50% Dari Baseline Data Tahun 2021



Green Buildings for New Development



Eco-friendly development manual (MASMA) specifications.

Green building index (GBI) compliance.

A landscape area of about 10% to 15% out of total development area.

A rainwater harvesting system.

Use of light emitting diode (LED) lamps.



PJ Sentral Garden City

Energy efficiency programs with Sustainable Energy Development Authority (SEDA Malaysia)



Date of Issuance : 28 April 2021
SEDA LCB Certificate No: SEDA LCB/No. 139

CERTIFICATE 2019

**SEDA MALAYSIA SUSTAINABLE ENERGY
LOW CARBON BUILDINGS ASSESSMENT
GREENPASS OPERATION**

It is hereby awarded to
KOMPLEKS SUKAN ASTAKA
Petaling Jaya

DIAMOND RATING:

Successfully achieved emission reduction of
59.58%
Equivalent to
38.23 tonne CO₂/year
55,084 kWh/ year

ZERO ENERGY BUILDING
(Ready for ZEB Category)

Baseline year : 2016 Reporting year : 2019 (absolute reduction)
Assessment boundary: Operational Energy (Electrical Energy only) based on
Common Carbon Metric & GreenPASS assessment method

(Dato' Hamzah Bin Hussin)
Chief Executive Officer
Sustainable Energy Development Authority
(SEDA) Malaysia

*This certificate is a voluntary initiative by SEDA Malaysia to promote energy saving & carbon reduction and does not intended for any other purposes

Date of Issuance : 19 May 2021
SEDA LCB Certificate No: SEDA LCB/No. 2021 (26)

CERTIFICATE 2020

**SEDA MALAYSIA SUSTAINABLE ENERGY
LOW CARBON BUILDINGS ASSESSMENT
GREENPASS OPERATION**

It is hereby awarded to
MENARA MAJLIS BANDARAYA PETALING JAYA
Petaling Jaya, Selangor

DIAMOND RATING:

Successfully achieved emission reduction of
10.13%
Equivalent to
270.53 tonne CO₂ / year
389,812 kWh / year

BEI : 124.25 kWh / m² / year
Based on Net Floor Area : **27,832.50 m²**

Baseline year : 2016 Reporting year : 2020 (absolute reduction)
Assessment boundary: Operational Energy based on Common Carbon
Metric & GreenPASS assessment method

(Dato' Hamzah Bin Hussin)
Chief Executive Officer
Sustainable Energy Development Authority
(SEDA) Malaysia

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BEDOS

BUILDING ENERGY DATA ONLINE MONITORING SYSTEM
(For Sustainable Energy Low Carbon Building Assessment-GreenPASS Application)

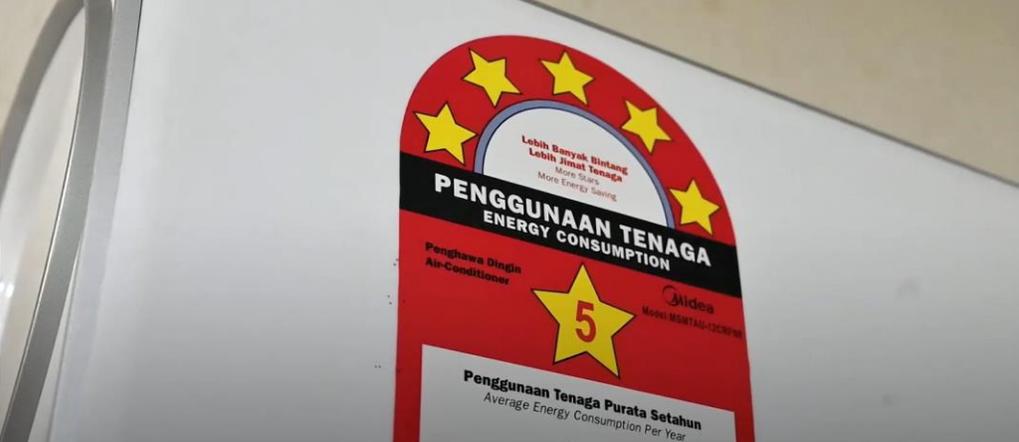


Free Bus Services



ASSESSMENT TAX REBATE SCHEME

An initiative under the low-carbon city framework which provides an incentive in the form of assessment tax rebate to residents who make their homes eco-friendly.






**PJ ECO
RECYCLING PLAZA**



A One Stop recycling centre

A food waste composting centre using anaerobic digester



DILARANG
WASU

SMART PJ Waste Solution Lab

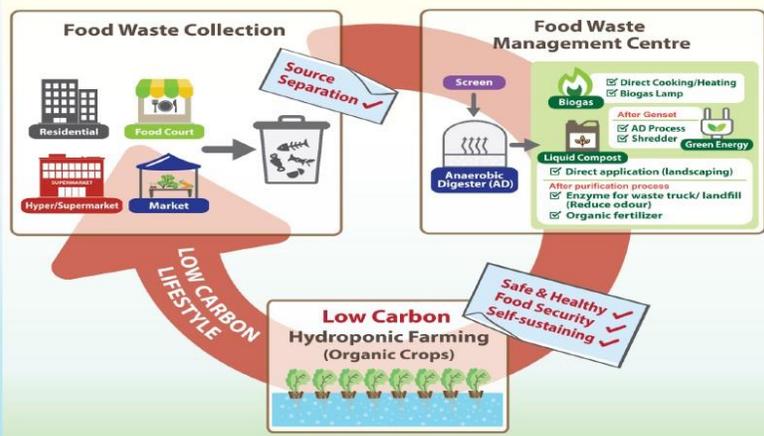


THE CIRCULAR ECONOMY OF CLOSED-LOOP CONCEPT

WASTE-TO-FOOD : A LIVING LAB



1ST IN MALAYSIA





RECYCLED SACK PROJECT

To overcome the problems of vinyl and PVC flex that are difficult to degrade



Door To Door Recycling



Community garden



Rainwater harvesting

Renewable Energy (rooftop solar panels) – PJ Innovation Centre



Installation rooftop Solar PV with ESCO
Capacity = 250 kWP

ACHIEVEMENTS



Winner of ASEAN Energy Awards 2022 and National Energy Awards 2022 for energy-efficiency building category.

ASEAN ENERGY AWARDS 2022

Energy Efficient Building
Special Submission
Zero Energy Building

Winners

ASTAKA SPORT COMPLEX
Majlis Bandaraya Petaling Jaya (MBPJ)
Malaysia

Frontier National National University of Singapore (NUS)
Singapore

Shell HO 1 Building
Shell Company of Thailand, Singapore Management University
Bangkok Head Office
Thailand

SMU Connexion
Singapore

MR JONATHAN GOH | DIRECTOR OF EXTERNAL RELATIONS, ENERGY PLANNING AND DEVELOPMENT DIVISION, ENERGY MARKET AUTHORITY, SINGAPORE

Accelerating Energy Transition: Sustainable Growth and Energy Security

ASEAN ENERGY AWARDS 2022

Off Grid Thermal

2nd Runner Up

1st Runner Up

Winner

Biogas Production for Cooking by using Food Waste Anaerobic Digester in Smart PJ Waste Solution Lab, SS 2 Petaling Jaya
Petaling Jaya City Council (MBPJ)
Malaysia

Community Biogas System from Swine Farming Project
PTT Public Company Limited (PTT)
Thailand

Apply Biogas instead of Bunker Oil in Palm Kernel Oil Production
Thai Eastern Bio Power Co., Ltd
Thailand

Overall Savings Based on Total Energy.

106,218 kWh/year
Baseline (2015)

37,366 kWh/year
Reporting Year (2019)

68,852 kWh/year
The Total Reduction

= Baseline – Reporting Yr
= 106,218 - 37,366.00

ENERGY-EFFICIENT BUILDING
Zero Energy Building

WINNER
Kompleks Sukan Astaka, Petaling Jaya

RENEWABLE ENERGY
Off Grid - Thermal

MERIT
Majlis Bandaraya Petaling Jaya

40 Ton CO₂ Carbon Reduction

*Note: Based on emission factor of 0.585 tCO₂/MWh (Peninsular Malaysia) - 2017 CDM Electricity Baseline for Malaysia.

Percentage savings
64.8% reduction

(qualify for ZEB READY)

NATIONAL SCROLL OF HONOUR AWARD FOR HUMAN SETTLEMENTS 2021



UN HABITAT
FOR A BETTER URBAN FUTURE



TEMPAT PERTAMA

MAJLIS BANDARAYA PETALING JAYA



TAJUK:

“ASSESSMENT TAX REBATE FOR
ECO-FRIENDLY HOUSE OWNERS IN
PETALING JAYA”

WANG TUNAI BERJUMLAH
RM 5,000.00
PENGHARGAAN



National Scroll of Honour for Human Settlement 2021

1. Ministry of Housing and Local Government of Malaysia was hosting the National Scroll Of Honor Award For Human Settlements Competition with theme Accelerating Urban Action For A Carbon-Free World.
2. Project on Assessment Tax Rebate For Eco-Friendly House Owners was selected as a Winner for 2021

Winners of the 2019 Unesco Learning City Award for exemplary progress and commitment to promote education and lifelong learning at the local level



PJ KNOWLEDGE WEEK 2020 Localizing Sustainable Development Goals		
JANUARY	FEBRUARY	MARCH 10 th - 13 th
SUSTAINABLE DEVELOPMENT GOALS 		Industry, Innovation and Infrastructure ACTIVITIES: • Talk: Knowledge Sharing on SDG (Prosem PCCC & WP Impact Consultancy) • Demo: Custom ICS, Smart Traffic Light, Smart Transportation Assistant @ PJ City Bus • Games: SDG Games Cabinet • Product: Mobile Theater Digital Platform Exhibition, Air Quality Dashboard
Empower The Underprivileged ACTIVITIES: • Talk: Bazar Ramadhan, Food Aid Programme, E-Wallet (bawakan) • Training: Yayasan Insantera, TESUN Nasional, Ammah Binar Malaysia • Demo: Johore, Apps Shoppe, Geranail • Kamal: Kamal Kerjaya, Preloved Bazaar, Free Market, YouCanDoIt • Free Tuition for underprivileged	EMPOWERING THROUGH KNOWLEDGE TOWARDS ACHIEVING A SMART SOCIETY	
Unity in Diversity ACTIVITIES: • Talk: Women Empowerment (The Asia Foundation, Engender, UNDP) • Training: Empowering Women in Cyber Risk Management (EPWRM) • Kamal: Jari Jari Jawatan, Usahatiba • Demo: I-KIT, i-Kavutiba • Workshop: Bengkel Semakamper Diri Anda (SaBA), Jenit Baset	Safety and Health ACTIVITIES: • Talk: Health & Wealth (Hospital Thomson & Jabatan Kesihatan MBPJ) • Demo: SDG Smart by Realiti (Jari) • Games: SDG Treasure Hunt • Product: Green Living, Healthy • Kamal: Occupational Safety & Health • Sharing Session: SHELLO, BOPRN • Exhibition: BAKARANG (Bekas Award, SDG)	Quality Education ACTIVITIES: • Talk: Smart Schools in Malaysia • Training: ICT Skills & Technology, Teachers and Orang Asli Learning (OC, Multimedia and Photography Club, Business Online Coaching, Orang Asli, MediaGarden, Coaching • Demo: Apps, Media, MacGarden, AR/VR • Exhibition: Kelaya Aha! 21
Sustainable Cities & Communities ACTIVITIES: • Talk: Localizing SDGs (UNDP, Child Friendly City (UNICEF)) • Training: MBP, Chiklisia Malaysia, EPIC Communities, PAAS, IEMA • Demo: PFIKA, SDG Treka, Smart Transportation Assistant @ PJ City Bus • Events: PJ Sustainable Community Awards	No Pollution on Lakes & Rivers ACTIVITIES: • Talk: River of Life, Water Warriors, Love Our River Campaign • Training: Global Environment Centre • Demo: Friends of Kg. Way, Friends of Kg. Pandak • Games: Keep River Clean Competition • Product: Water Quality Testing Kit, CCWAY	Green and Sustainable Living ACTIVITIES: • Talk: 88 and Circular Economy (88C) • Training: Transforming Waste to Wealth • Demo: Upcycle Product, Upcycle A • Kamal: Save Our Earth • Exhibition: Friends of Earth • Sharing Session: Smart Rangka (SK Sri Kuala Lumpur, LCCF MAPP, SRI (GSR))
PROGRAM LIFELONG LEARNING IT (LIT) 2019 BERSEKUTUAN PELAJAR-PELAJAR ORANG ASAL DI SEKOLAH KEBANGSAAN BUKIT LAMPAJAN (SKBL), DESA TEMUAN, DAMANSARA PERDANA HINGGA OKTOBER 2019 LIFELONG LEARNING IT PROGRAM		

The Petaling Jaya Learning City Model identifies 8 Core Learning Categories and 9 Target Groups.

The "8 Core Learning Categories" is established to ensure all lifelong learning needs are addressed and provided to the people of Petaling Jaya, while the "9 Target Groups" ensures every segment of the community is addressed in the lifelong learning journey and no one is left behind.

8 Core Learning Categories

- Arts & Culture
- Education
- Entrepreneurship
- Health & Wellness
- Environment
- Spirituality
- Technology
- Safety

9 Target Groups

- MBPJ Officers
- Working People
- Business Community
- Women
- Youth
- Children
- Elderlies
- Urban Poor
- Marginalised / With Special Needs



¹Jadual tertakluk kepada pindaan yang akan dimaklumkan

Petaling Jaya is a CDP A List City 2019



Petaling Jaya

Setting a high standard for economic and climate leaders

**As an A List city we're
leading by example to
act on climate change**



Petaling Jaya is First UNICEF Child Friendly City in Malaysia.



UNICEF recognizes Petaling Jaya commitment to child rights for sustainable development.

56 PLANNED ACTIONS



THEME 1: RENEWABLE SOURCES AND ENERGY EFFICIENCY

- B1** Ensure new developments are integrated with rainwater harvesting systems and grey water recycling for non-potable usage
- B2** Promote installation of photovoltaic (PV) and solar thermal systems on institutional, commercial, industrial and residential buildings
- B3** Promote solar water heaters in new developments
- B4** Install energy efficiency (EE) equipment and smart meters for MBPJ assets (government office, community halls, market, stadium etc.)
- B5** Install energy efficiency (EE) equipment and smart meters on commercial buildings as an energy saving initiative
- B6** Install energy efficiency (EE) equipment and smart meters on industry operation especially boilers and furnaces
- I1** Install solar powered street lights in urban center and all new developments
- I2** Promote biogas plant from food waste of commercial and residential units (Waste to Energy)



THEME 4: GREEN SPACE PLANNING AND MANAGEMENT

- E4** Protect all existing forests and green spaces through gazette
- E5** Establish and manage new multi-function green spaces in Petaling Jaya
- E6** Promote vertical green spaces or rooftop garden in commercial buildings, schools and government buildings
- E7** Adopt "Sponge City" concept in the new development project
- E8** Improve green linkages that connect pedestrian and bicycle network
- E9** Set target on planting number of trees in Petaling Jaya (1 resident 1 tree)
- E10** Promote Nature Based Solution (NBS) as sustainable management and the use of nature features to tackle social environmental challenges



THEME 2: SUSTAINABLE URBAN PLANNING AND BUILDING REGULATIONS

- B7** Promote adoption of passive architecture in new buildings (natural ventilation, shading, and lighting)
- B8** Promote the use of sustainable materials in construction
- B9** Promote ZEB or NZEB in all new developments with minimum BEI
- B10** Retrofit existing buildings and amenities to improve energy and resources efficiency
- B11** Adaptively reuse existing buildings and amenities to reduce construction waste
- E1** Redesign Petaling Jaya to be more compact in line with the 15 min city concept especially in the CBD and transit station
- E2** Carry out feasibility study and implementation for industrial symbiosis (including Waste-to-Wealth) for existing industrial area
- E3** Encourage sustainable low carbon urban renewal
- I3** Promote smart and digital technology for community sustainability real time information display



THEME 5: SOCIAL SUSTAINABILITY AND EMPOWERED COMMUNITIES

- S1** Set up Low Carbon Residential Association involving MBPJ's councilors
- S2** Implement 'No Single-Use Plastic Bag' in commercial areas and vendors
- S3** Organise 'One Neighbourhood, One Urban Farm' program
- S4** Promote urban farming in schools and involve the school children
- S5** Enhance implementation of Petaling Jaya's Assessment Tax Rebate Scheme for green initiative
- S6** Enhance the Learning Cities Award 2019 by The UNESCO Institute for Lifelong Learning (UIL)
- S7** Uplift and alleviate living standards for Petaling Jaya poor through green economy
- S8** Encourage Petaling Jaya City Council Food Bank Scheme
- I8** Promote compost from food of commercial and residential units (Waste to Wealth) for reduction of waste to landfills site
- I6** Collaborate with private companies on recycling vending machines
- I7** Establish Smart PJ Waste Solution Lab in Petaling Jaya
- E11** Devise Petaling Jaya City Council's Carbon Management Plan



THEME 3: PEDESTRIAN FIRST AND GREEN TRANSPORTATION

- T1** Introduce the "Cycle to Work" and "Cycle to School" initiatives involving the MBPJ workers, schools' students and community within neighbourhood
- T2** Improve modal interchanges between bikes and public transport
- T3** Improve and connect pedestrian walkways and bicycle lanes to promote active mobility
- T4** Convert MBPJ's vehicle fleet to low carbon vehicles (Bio fuel, hybrid or electric)
- T5** Increase the number of EV buses, routes and bus stops of PJ City Bus
- T6** Improve real-time online information application about public bus and locations and arrivals
- T7** Organise monthly or weekly Car Free Day
- T8** Establish Low Emission Zone (LEZ) in CBD and major centres in MBPJ area
- T9** Promote hybrid freight transport to the freight operators
- I4** Provide sufficient EV charging infrastructure to promote EV cars usage in Petaling Jaya



THEME 6: DISASTER RISK REDUCTION MANAGEMENT

- D1** Provide smart flood control water level response mechanism that will trigger a warning signal to alert PJ citizen
- D2** Improve flood mapping of Petaling Jaya
- D3** Improve real-time monitoring and development control at flood prone areas
- D4** Improve existing facilities of schools and community halls designated as disaster temporary evacuation centres by providing generator, toilets, dustbin, paper partition and tents
- D5** Promote the use of permeable surfaces materials for new development in Petaling Jaya
- D6** Reduce waste littering in the drainage system to reduce blockages with awareness campaign
- D7** Implement drought management and response plan to reduce the impact of drought
- D8** Introduce program or initiatives to reduce water consumption in commercial and residential area
- D9** Improve community awareness and participation on prevention of dengue
- D10** Improve enforcement by MBPJ to inspect potential mosquito breeding sites (constructions site, industry buildings, waste management facilities and residential neighborhoods)

WAY FORWARD



❑ Estimated cost to implement 56 planned actions – RM 200 millions. Financing mechanism required.

Public-Private
Partnership
(25% - 75%)

Private Sector
Contribution

Grants from
External
Agencies and
Government

Internal
Fundings

❑ Training and capacity buildings for the officers.

❑ High impact CEPA programmes (communication, education and public awareness).

❑ To leverage on technologies advancement and data availability to accelerate actions holistically.

TAMAN EKO RIMBA KOTA DAMANSARA
TAMAN EKO RIMBA KOTA DAMANSARA



Thank you.

TPr. Lee Lih Shyan

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