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Federal Ministry
for the Environment, Nature Conservation,
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based on a decision of
the German Bundestag



MAJLIS BANDARAYA SHAH ALAM (Shah Alam City Council)

Solid Waste Management and Public Cleansing Department

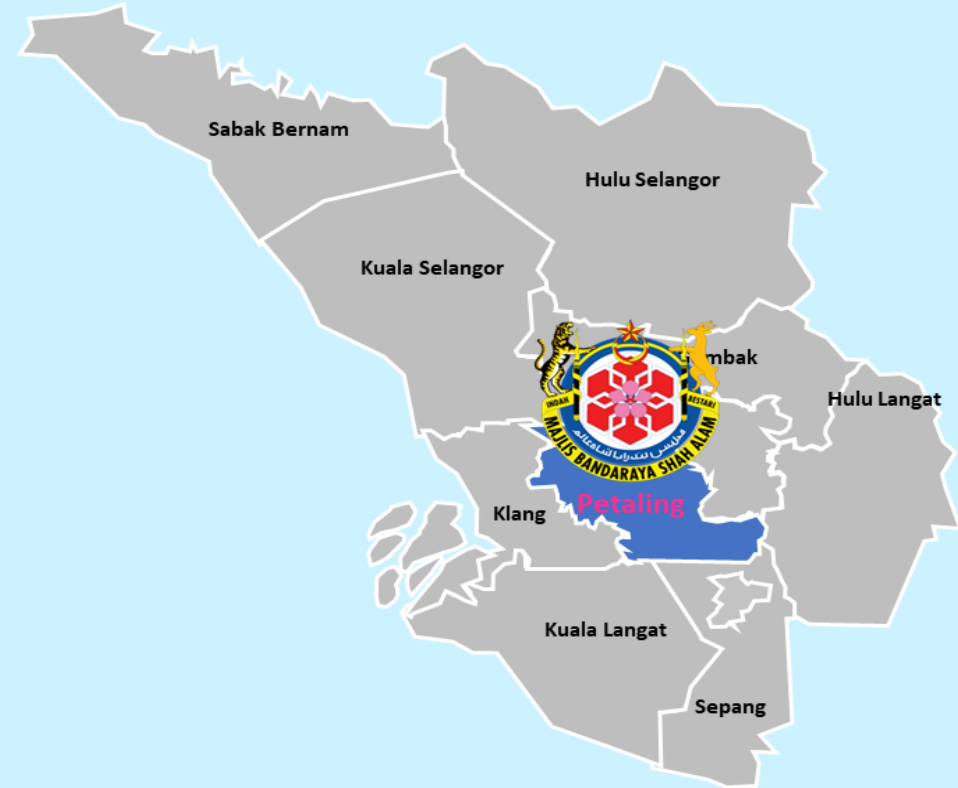
Introduction

The Sitting of Selangor and Shah Alam City



SELANGOR is located at the west coast of Peninsular Malaysia. It surrounds the federal territories of Kuala Lumpur and Putrajaya, both of which were once under Selangor's territorial sovereignty.

Selangor sustained as a major contributor to **Malaysia's** economy with a **share of 24.2** per cent, followed by W.P. Kuala Lumpur (16.4%), Sarawak (9.6%), Johor (9.4%), Pulau Pinang (6.7%) and Sabah (6.0%).



Shah Alam is located within the district of Petaling and a portion of the district of Klang in the state of Selangor. **The state capital is Shah Alam.**



Introduction

to SHAH ALAM CITY

Total population (2020) 
686,966

SOLID WASTE
GENERATED PER CAPITA
0.8Kg/Day 



State
Selangor
District
Petaling & Klang
Establishment
1963
State Capital Status
7th Dec 1978
Municipality Status
1st Jan 1979
City Status
10th Oct 2000

56
Sections
/Seksyen

Spatially divided into 5 development blocks (BP*) and 56 sections:-

- BP1 (5,013.46 Ha) - Seksyen 1 - 24
- BP2 (7,082.77 Ha) - Seksyen 25 - 36
- BP3 (4,747.98 Ha) - Seksyen U1, U2, U3, U6, U7, U8, U9
- BP4 (7,445.67 Ha) - Seksyen U10 - U15
- BP5 (6,020.84 Ha) - Seksyen U4, U5, U16, U17, U18, U19, U20

Total acreage (302km²)
30,210.72 Ha

RESIDENTIAL

108,972 Landed Property	6,362 Condominium	6,362 Service Apartment
2,783 Town House	60,555 Apartment	



Household Size
4.1 (Average)
Density
2,600/km²
Growth Rate
2.5% (2018)

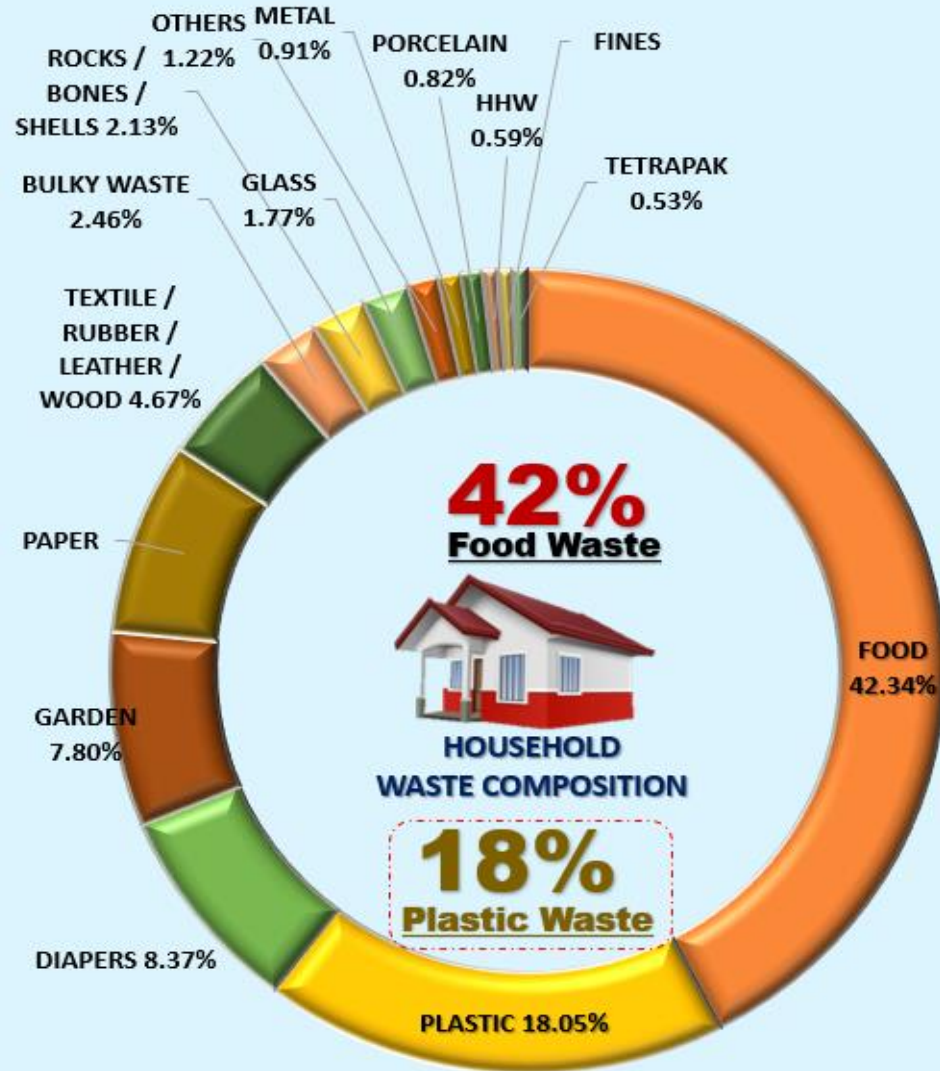
29,652
Commercial /
Trade

8,077
Industrial



Shah Alam City

Waste Generation and Waste Composition





Introduction

to CAP SEA pilot project

Short description of the pilot project

- **Objectives:** To establish pilot project on SUP prevention as a showcase and learning example for other local authorities in Malaysia
- **Partners:** Malaysian Green Technology And Climate Change Corporation (MGTC), CAP-SEA and Zero Waste Living Lab Malaysia/Enviu.



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CAP SEA's Pilot Project Activities

MBSA webinar drives home message on single-use plastics



Mohd Azmi spoke on MBSA's waste management and direction during the webinar.

A WEBINAR on reducing the use of disposable plastics was held with stakeholders in Shah Alam through the Collaborative Action for Single-Use Plastic Prevention in Southeast Asia (CAP SEA) initiative. The virtual event was organised by Shah Alam City Council (MBSA) in collaboration with Malaysian Green Technology and Climate Change Centre (MGTC) and German agency Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) in conjunction with the city's 21st anniversary celebrations. The webinar aims to provide participants with comprehensive exposure on single-use plastics and raise awareness among the Shah Alam community on the negative

impact of the continued use of this material on the environment," said MBSA Corporate and Public Relations Division head Shahrin Ahmad in a statement. The platform gave various stakeholders, including government agencies and private companies, space to share opinions and find solutions to reduce the impact of single-use plastics in the long term. He said MBSA was chosen as a pioneer city for the CAP SEA project in Malaysia by MGTC based on criteria such as target group's readiness as well as commitment by business, industry and government groups. Christopher Brick from GIZ gave a detailed introduction to CAP SEA,

the city council's Solid Waste Management and Public Cleansing Department director Mohd Azmi Anwar Khair spoke on MBSA's waste management and direction while Nur Haswani Karim from the Environment and Water Ministry delivered a talk on initiatives to address plastic pollution. Other speakers were Sarifah Yusoff from AM PM International Sdn Bhd and Humi Mokhtar from Zero Waste Living Lab Malaysia, who respectively spoke on "Benchmark Study on Single-Use Plastics in Shah Alam" and "Pilot Project for Reusing Business Model in Shah Alam".

Webinar participants comprised representatives from Housing and Local Government Ministry, Environment and Water Ministry, Selangor government, National Solid Waste Management Department, SINC Corp Malaysia, KEDB Waste Management Sdn Bhd, local councils, manufacturers, mail operators, supermarket and mass market owners, non-governmental organisations and companies. "MBSA's programmes include campaigns to avoid single-use plastics at all Selangor government agencies and departments as well as the plastic-free and plastic-straw-free campaign statewide," said Shahrin. He added that for Shah Alam raters, there were programmes on waste separation at source as well as community recycling centres.



April 2021

MoU signed between MBSA and MGTC



Webinars with key stakeholders to introduce SUP prevention pilot at MBSA

MAIN FINDINGS

From 1,928 respondents

- While 80% of respondents know what SUP is, 65% think it is not safe for reuse and 60% perceives it as not recyclable.
- 65% percent of the respondents segregate and leave their plastic waste for kerbside collection by MBSA for recycling, which is an unlikely practice in other parts of Malaysia.
- 75% respondents cited that SUP initiatives are needed to preserve a better world for future generation.
- 72% are willing to clean their SUP for reuse.
- More than half of the respondents are willing to pay in between RM 0.20 - RM 0.50 to replace SUP.

HIGHLIGHTS

314 respondents from 4 sectors

All Groups	Industry	Commercial/ Business	Community	Government Agencies in Shah Alam
More than 90% respondents acknowledged the need of SUP policy and proposed for organisation of awareness programs for SUP reduction in Shah Alam.	82% respondents are practicing recycling and have a general recycling and SUP policy and willing to pay up to 5% additional rate of cost increase to replace/reduce SUP.	62% respondents are practicing recycling and have a general recycling and SUP policy.	More than half of the respondents are involved in recycling program in Shah Alam at different % level of involvement.	Respondents are willing to switch to SUP alternatives and use reusable food containers.

Baseline Assessment: Survey on Shah Alam City Single-Use Plastic



February 2022

Workshop to develop SUP Prevention Action Plan Design for MBSA

Training Need Assessment Workshop for SUP Prevention

This is the journey of a

Single Use Plastic Action Plan for MBSA

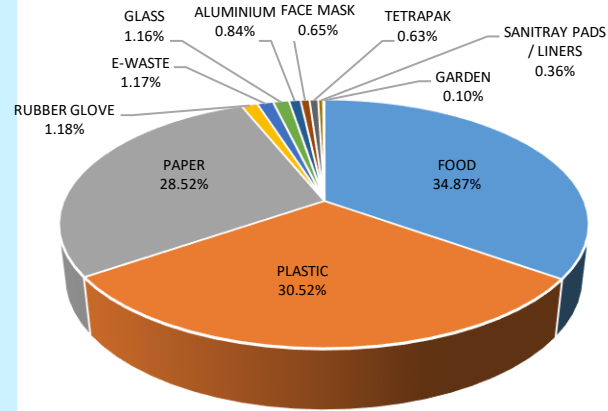
What are the key goals?

Relate to Shah Alam SDG Roadmap	Integrate to MBSA 3R Policy & Low Carbon City Action Plan (Shah Alam 2035-Innovative & Smart)	Integrate into MBSA Strategic Planning & Solid Waste Master Plan	Final Draft to be ready by June of 2022
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What do we need to do for approval process?

Endorsement from MBSA top management.	Presented to Jawatan/kuasa Kebesaran & Pengiraahan Bandar (Full list will be provided by MBSA) for final approval.
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CAP SEA's Pilot Project Activities



Waste composition
at Wisma MBSA



May-June '22

**Waste Building
Audit at MBSA**



June '22

**MBSA participated
at World Urban
Forum
in Katowice,
Poland**

PRITI SELANGOR

Pangsapuri Vista Alam jadi perintis kawasan bebas plastik sekali guna

© June 7, 2022 11:39 am



SHAH ALAM, 7 JUN: Majlis Bandaraya Shah Alam (MBSA) menjadikan Vista Alam, Seksyen 14 di sini sebagai perintis kawasan Komuniti Bebas Plastik Sekali Guna berkuat kuasa 15 Jun ini.

Menerusnya, penghuni dan peniaga di situ perlu mematuhi larangan menggunakan beg plastik sekali guna, tidak menggunakan bekas makanan dan minuman plastik atau alatan pakai buang plastik.

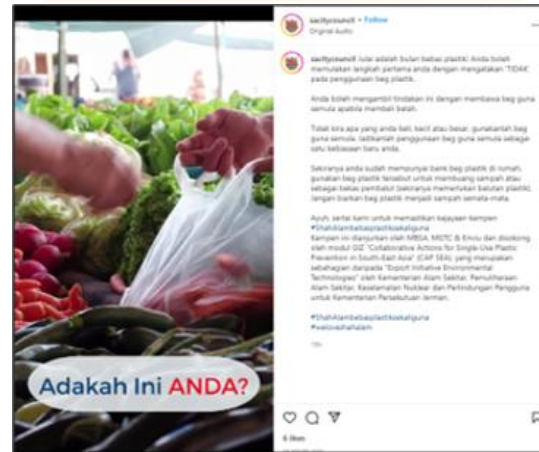


June '22

**SUP Free
Community at
Vista Alam is
introduced and
launched through
circular**



CAP SEA's Pilot Project Activities



June - Nov '22

MBSA uses social media to increase awareness to public on SUP prevention



August '22

MBSA's SUP Free Community program was featured in RTM TV 1 (Malaysia's national TV)



September '22

Module development of SUP Free Community and Training Material Discussion for MBSA moderated by Zero Waste Malaysia



CAP SEA's Pilot Project Activities



October '22

SUP Prevention Campaign for the community and business owners at Vista Alam



October '22

Meeting with UITM, a university in Shah Alam for collaboration to prevent SUP use in the campus and promote reuse



October '22

Official launched of SUP Free Community at Vista Alam

Project Implementation

What are your main challenges in the pilot project implementation?

- Lack of physical interaction during the start of the project due to Covid-19 multiple lockdown in the country.
- Resistance of community to accept changes.
- There are not many alternative to replace SUP. Premises lack options to replace their SUP.
- Reuse concept is very new in this region therefore leads to lack of understanding and trust by business owners and community
- Lack of resource – budget and human resources



Project Implementation

What works?

- Formation of the task force by MBSA
- The action plan provides a comprehensive guideline to operationalized the process
- Collaboration of many different parties, universities, school, and NGO
- Very passionate and committed team

What are the lessons learnt?

- Not easy to implement due to behavior of the community. Behavior changes is needed
- More awareness materials to reach out community to change their behavior
- Timeline to implement is too short
- Regulation is not enough to make people adhere to the rules





Next Step

Where is future action needed?

- *Training needed for staff and collaborators in this project – for example lecturers, teachers, MBSA staff and more*
- *More collaboration with university and school to develop awareness – since it's easier to change behavior of students*
- *More short awareness videos to be shared in billboards and social medias to slowly integrate SUP prevention in daily life*
- *Community outreach program to school and universities*

*Creating bottled water takes 2000 times the energy than it does to produce tap water
(Wonders Polís)*

Thank You



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