

3R ON PLASTIC WASTE : THE EXPERIENCES OF PETALING JAYA CITY COUNCIL

BY:

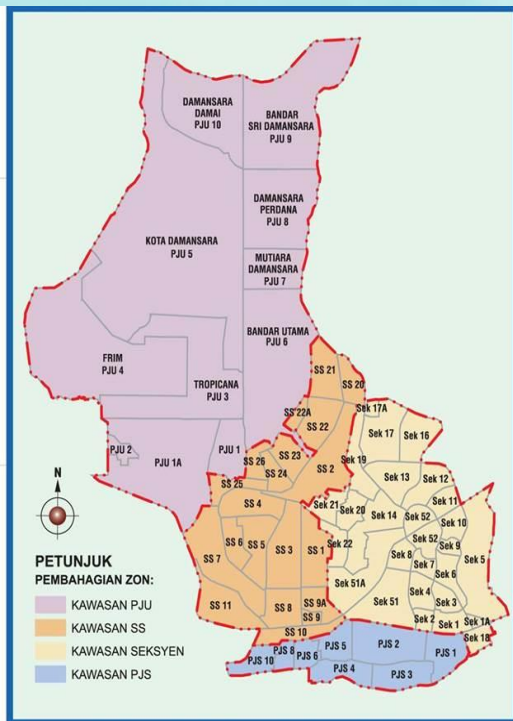
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Dept of Solid Waste Management and Public Cleansing

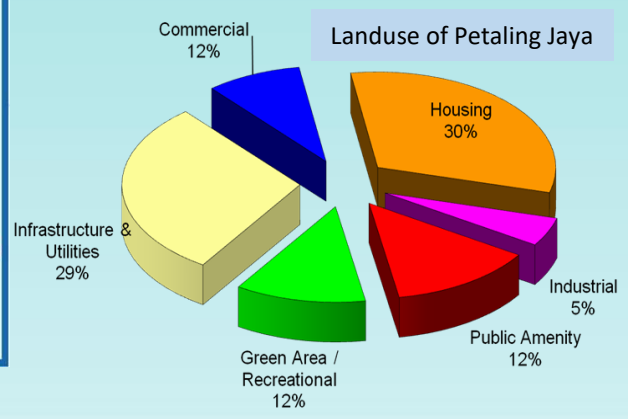
Petaling Jaya City Council (MBPJ)



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
- Target **30% houses to implement waste separation**

Total area	97.2 kilometers
City centre	22 include 2 subregional centre
Administrative zone	4
Population	619,925 (2019)
Household income	<ul style="list-style-type: none"> ▪ Year 1996 (USD 740) ▪ Year 2000 (USD 1270) ▪ Year 2010 (USD 1900)
Total Properties	217,930
Neighbouring city	Kuala Lumpur (East), Shah Alam (West), Selayang (North), Subang Jaya (South)

PJ Sustainable 2030

Towards A Zero Waste Society

Strategy

Instruments

3R

Legal

Economic

Social / Voluntary

Governance

Reduce the use
of resources

Planning Guidelines

Circular Economy

Sharing / Be
resourceful

Integrated plan on
adaptation

Reduce the
generation of
waste

Polluter pay policy

Sharing of saving
from service cost

CEPA Program

Reduce the
waste at source

Planning and design
policy

Bonus intensity of
development / fees
reduction

Community Recycling

Composting / Waste
to energy facility

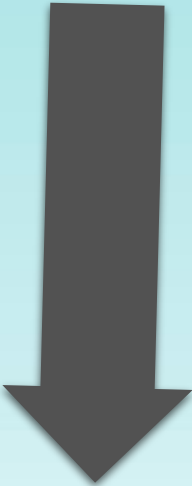
Effective
collection of
waste

Stricter action on
polluters

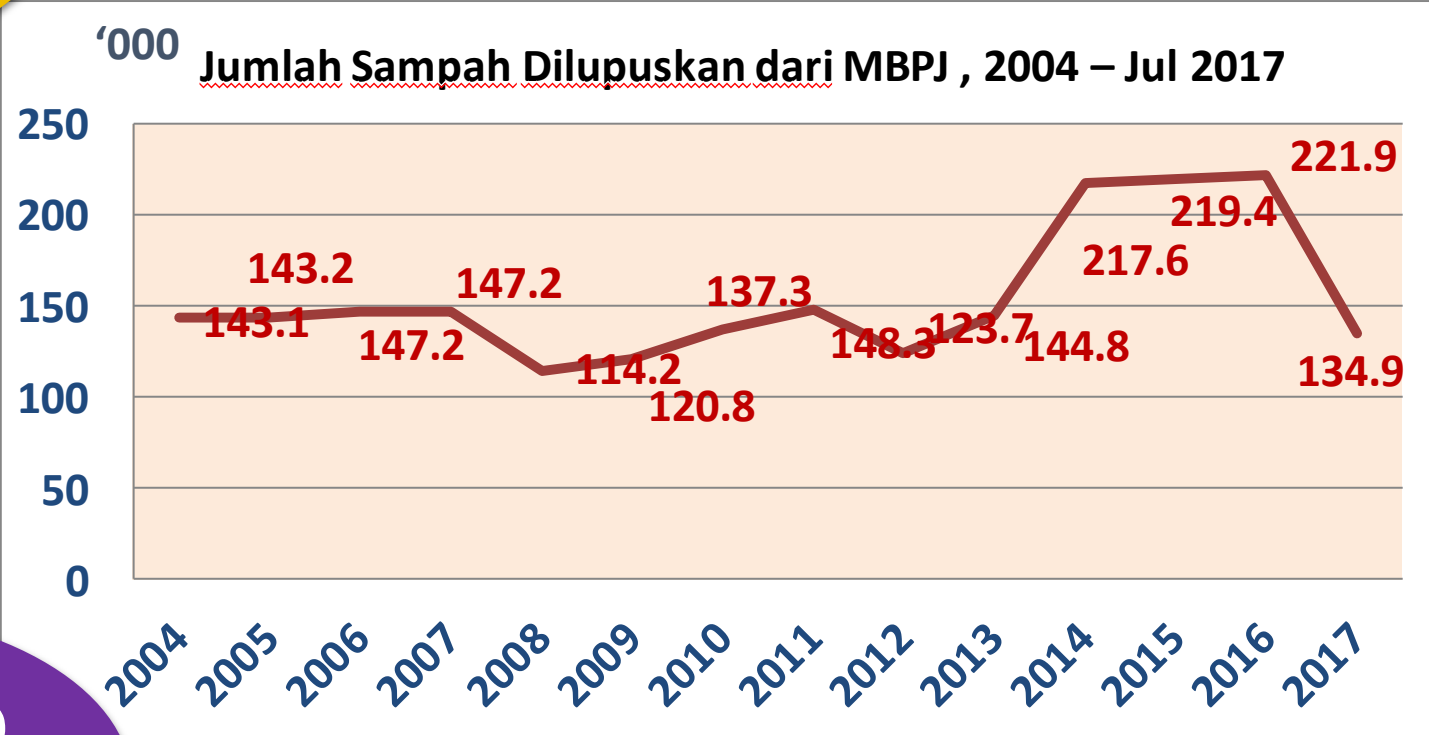
Stakeholders
engagement and
partnership

Management of
Contractors

Rubbish collection increases



Scenario 2019



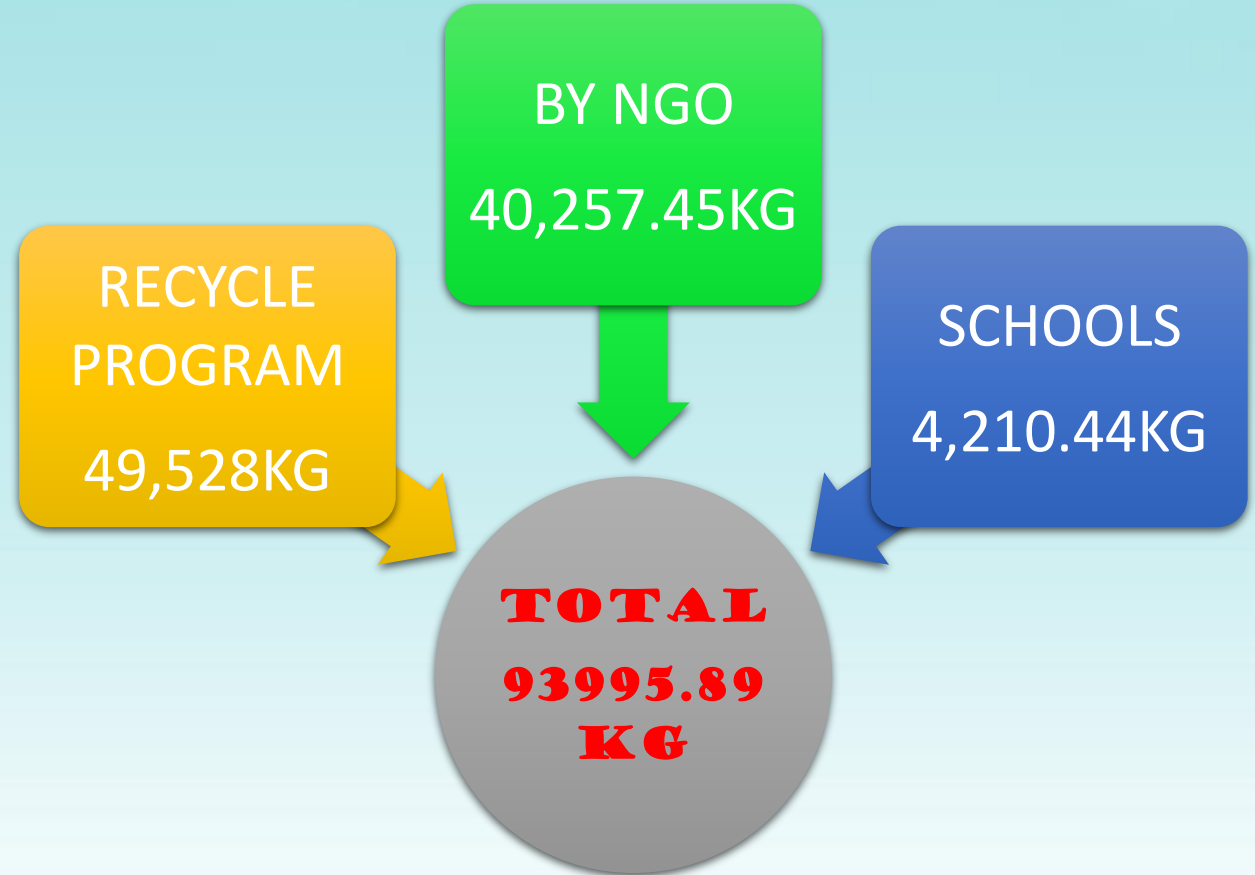
Estimated over 230,000 tons

Cost of RM 12 millions as tipping fee

HOW WE WANT TO DO TO HELP OUR MOTHER NATURE FROM PLASTICS POLLUTION



PLASTICS COLLECTION IN PETALING JAYA 2019



CAMPAIGN BY THE STATE GOVERNMENT



**LARANGAN PENGGUNAAN
PENYEDUT MINUMAN PLASTIK
DI PREMIS MINUMAN
DAN RESTORAN
DI NEGERI SELANGOR**



TYPES OF PLASTICS COLLECTION



3R PROGRAMS BY MBPJ



REDUCE



HERO HIJAU Ramadan PETALING JAYA

ADAKAH ANDA HERO HIJAU RAMADAN PETALING JAYA YANG KAMI CARI?

- Bawa bekas makanan sendiri ke Bazar Ramadan
- Bawa Shopping bag sendiri
- Tidak menggunakan plastik pembungkus makanan

Allah SWT berfirman :
"...DAN MAKANLAH SERTA MINUMLAH, DAN JANGAN PULA KAMU MELAMPAU."
SESUNGGUHN YA ALLAH TIDAK SUKA AKAN ORANG-ORANG YANG MELAMPAUI BATAS."
(Surah Al-Kraaf 7 : 31)

HARGAI MAKANAN ELAKKAN PEMBAZIRAN

HADIAH MENARIK MENANTI HERO HIJAU RAMADAN PETALING JAYA

JABATAN PENGURUSAN SISA PEPEJAL DAN PEMBERSIHAN AWAM | 03 - 7854 1440 | 03 - 7954 1579 | psppa@mbpj.gov.my | www.mbj.gov.my | Majlis Bandaraya Petaling Jaya | rjbhouncil



REUSE



AKAN DIBUKA

PJ ECO RECYCLING PLAZA
No. 1A, Jalan SSB/39,
Petaling Jaya
OKTOBER 2019



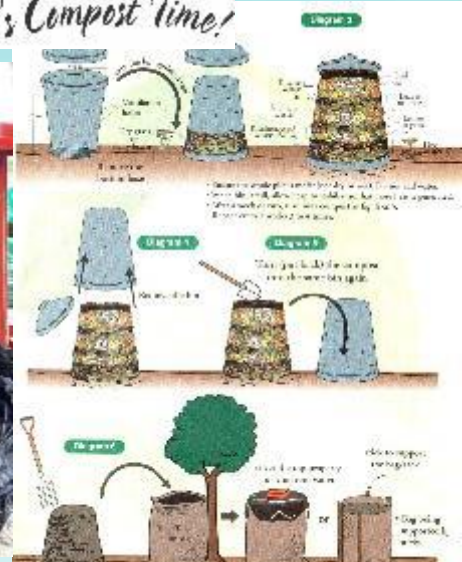
RECYCLE

Majlis Pelancaran
PROJEK PRINTIS KITAR SEMULA DAN KUTIPAN, PEMBERSIHAN & LANDSKAP (KPL) DI BANDAR UTAMA PJU 6 PETALING JAYA
 YB. PN. ELIZABETH WONG KEAT PING
 PEJABAT MELAKA, ALAM BUKIT, TRUSMI, KELUATAN, KEMERIA, PERDANA
 27 Januari 2018 (Sabtu)
 Perkarangan Dewan Bandar Utama BUI3, Jalan BU 6/2, Petaling Jaya

PUSAT KITAR SEMULA
 SISA
 3R
 Reduce, Reuse, Recycle



From Garbage to Garden
 It's Compost Time!



SMART PJ Waste Solution Lab@SS 2



Food waste and market waste collection

Sorting

Food Waste Shredder

Feeding into Cowtec machines





Apa Yang Boleh Dibuat Dengan Minyak Masak Terpakai?



PROGRAM KESEDARAN KITAR SEMULA MINYAK MASAK TERPAKAI



www.mbpj.gov.my | #KitaBersamaBersih
@mbpj | @mbpj

MBPJ
AKAN MEMBELI
MINYAK MASAK
DENGAN HARGA
RM 0.80

AKTIVITI PENGUMPULAN MINYAK MASAK TERPAKAI DI SEKOLAH



PROGRAM KITAR SEMULA MINYAK MASAK TERPAKAI

"Ke Arah P.J Bersih"



SMART PJ SOLUTION LAB@SS2



From leftover food, to becoming fresh produce for sale, a circular economy cuts back on waste.



**ASSESSMENT TAX
REBATE FOR ECO-
FRIENDLY HOUSE
OWNERS
PETALING JAYA**

BACKGROUND

WHAT?

- A monetary scheme to house owners in Petaling Jaya who go green by:
 - Retrofitting their residential house, or
 - Practicing green living, or
 - Using environmental friendly products.

OBJECTIVES?

- To support Sustainable Development and Climate Change at the federal and state level.
- To promote sustainable lifestyle among Petaling Jaya residents.

WHY?



To support Malaysia Government commitment to lowering 40% of carbon intensity per GDP by year 2020.



Petaling Jaya City Council has carried out the Local Agenda 21 since 2000.



Community vision of PJ Sustainable 2030 and Low Carbon Green City of Petaling Jaya.

HOW?

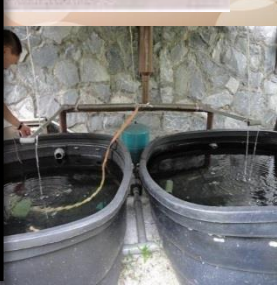
The value of rebate will be evaluated based on 5 environmental aspects:

- Energy,
- Water,
- Waste management,
- Transportation,
- Biodiversity.

Annual property tax rebate up to 100% or RM500.

25% for any 3R initiatives

- Recycling
- Composting
- Enzyme making
- Reuse
- Upcycling



Rain Water harvesting System

Household Waste Composting

REBAT 100%*

*atau RM 500, mana yang lebih rendah



SKIM REBAT CUKAI TAKSIRAN

Jadual 1 : Aspek yang dinilai.

1. Tenaga
2. Air
3. Sisa Buangan
4. Pengangkutan
5. Kepelbagaian Biologi

*Elektrik
<112kWh/kapita/bulan?
*Air
< 202 liter/kapita/hari?

ANDA LAYAK!



Perkara	2011	2012	2013	2014	2015
Bajet	RM100,000	RM100,000	RM110,000	RM80,000	RM80,000
Permohonan	49	71	106	152	148
Highrise	1	12	17	24	21
Diluluskan	49	65	97	142	135
Ditolak	-	6	9	10	13
Rebat 100%	13	15	24	37	18
Jumlah rebat	RM18,184.43	RM20,159.25	RM32,602.85	RM47,842.15	RM43,664.54

ACHIVEMENTS

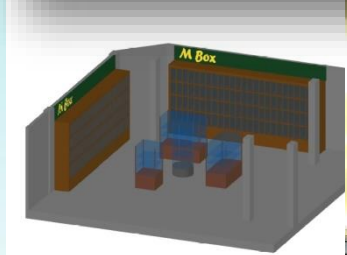


COMING SOON !



PJ ECO RECYCLING PLAZA

- A 3-storey old market building is being developed as a 3R integrated Centre
- For Education, Engagement, Economy, Exhibition, Exposure, Enrichment
- Gallery, Exhibition, Waste Treatment Facilities, Workshop for upcycling, Collection Centre, Eco-Box, Retails, Creative Space, AV Room, Seminar Rooms, Café, Co-Office Space





THANK YOU

PJ CLEAN ; S.I.S.A: SISA ITU SATU ASET; LOW CARBON GREEN CITY OF PETALING JAYA

