

COUNTRY REPORT: MALAYSIA

Presented by:

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Table of contents

01

Communication, Education and Public Awareness (CEPA)

- DPCC 2024
- The Green Truck
- Don't Be A Litterbug Campaign

02

Achieving Net Zero

- Promotion of Renewable Energy

03

Extended Producer Responsibility (EPR)

- Current Status of EPR

04

Strategies for Utilising Plastics Waste

- Material Flow Analysis (MFA)
- MPMA's Plastics Neutrality Masterplan 2024-2030
- Exploring Financial Mechanism

05

Operation Clean Sweep (OCS)

- OCS Global Impact Report 2023
- OCS Updates

01

Communication, Education and Public Awareness (CEPA)

Design for Plastics Circularity Challenge (DPCC) 2024



A collaboration between MPMA and **Dow** with Universiti Kebangsaan Malaysia (UKM) and Universiti Sains Malaysia (USM) as university partners. A competition open to all universities and higher education institutions is currently on-going to provide a platform for students to submit and develop innovation ideas on plastics circularity and sustainability.

Three competition pillars:

1. Innovative and sustainable plastics packaging
2. Methods to reuse or recycle single-use plastics products
3. Plastics waste management technologies



The Green Truck 2024



In collaboration with **Petronas Chemicals Group (PCG)**, MPMA and its Branches organised the PCG Be Green and the Green Truck Workshop in Klang Valley, Penang, Perak and Johor. More than 5,000 students from 10 schools learnt about the process of plastics recycling and responsible plastics usage and management through the practice of waste separation at source (SAS) and the 3Rs (Reduce, Reuse, Recycle).

Don't Be A Litterbug Campaign 2024



MPMA revived its Don't Be A Litterbug campaign to champion the message of anti-littering and using a bin at major festivals and public events such as marathons. Bins were provided at such events for the public to dispose their waste and MPMA volunteers also educated the public on the correct way to separate recyclables from non-recyclables.



02

Achieving Net Zero

Promotion of Renewable Energy



Co-organised by:

PLUS XNERGY REINVENTING ENERGY

INVEST MELAKA

M P M A MALAYSIAN PLASTICS MANUFACTURERS ASSOCIATION

INDUSTRIAL RENEWABLE ENERGY TRANSITION ROADMAP 2024

with ESG & Green Energy

- Smart Melaka Blueprint
- Embark ESG Goal with Solar Energy Saving Solution for Businesses
- Advancing Sustainability: MPMA's Initiatives for the Malaysian Plastics Industry
- New Regulations and Framework for Solar Incentive

DATE
10 SEPTEMBER 2024
Tuesday

TIME
9:30AM - 2:00PM
(Lunch included)

VENUE
AUDITORIUM MITC

RSVP TODAY!



Only 2 participants per company are allowed.



MPMA established partnerships with solar energy companies to promote the usage of renewable energy within the plastics industry in Malaysia.

03

Extended Producer Responsibility (EPR)

Current Status of EPR



Key national policies on plastics feature **Extended Producer Responsibility (EPR)** as a funding mechanism to increase plastics recovery and recycling activities. EPR is currently **voluntarily adopted** by several international FMCG companies.

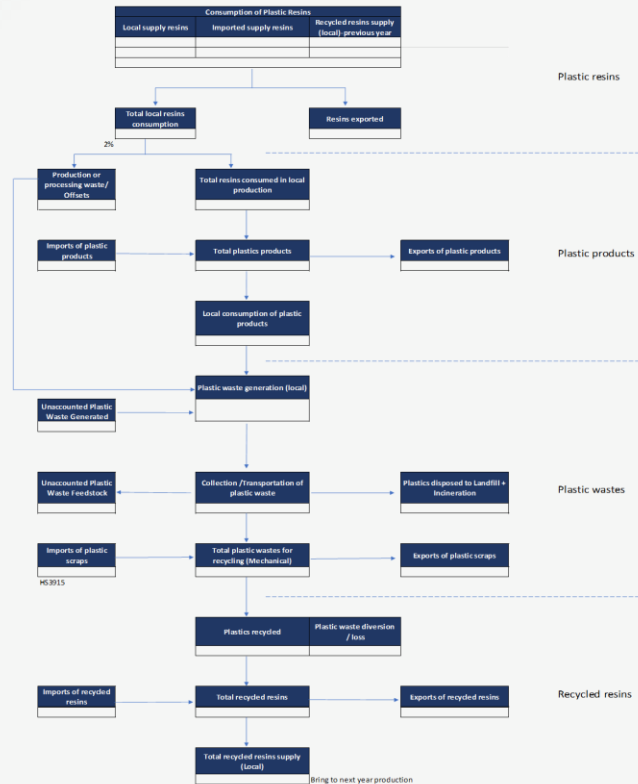


Under the National Circular Economy Council (NCEC), a feasibility study is currently undertaken by the Ministry of Housing and Local Government on the enactment of a **Circular Economy Act**, in which EPR will be an element in the legislation.

04

Strategies for Utilising Plastics Waste

1. Material Flow Analysis (MFA)



The National Circular Economy Council (NCEC) under the Ministry of Housing and Local Government approved MPMA's proposal for the adoption of MFA to determine the national recycling rate.

Work is currently on-going with the Ministry to firstly perfect the MFA for plastics, which then can be used as a reference/model for the development of MFA for other materials.

Only by understanding the movement of plastics via MFA, more effective strategies can be developed to better manage and utilize plastics waste in the country.

2. MPMA's Plastics Neutrality Masterplan 2024-2030

| MPMA'S ROADMAP TO PLASTICS NEUTRALITY | | 2024 - 2026 | 2027 - 2028 | 2029 - 2030 |
|--|-----------------------|--|--|---|
| ADVOCACY | INDUSTRY | <ul style="list-style-type: none"> Provide tax incentives for manufacturers to enhance product design/innovation Provide grants for R&D to make circular products | <ul style="list-style-type: none"> Enforce mandatory EPR Green procurement by Government on circular products | <ul style="list-style-type: none"> Improve data collection and reporting structure on waste |
| | SUSTAINABILITY | <ul style="list-style-type: none"> ESG training and resource page on WWW Improve and adopt Material Flow Analysis Increase Operation Clean Sweep (OCS) promotion | <ul style="list-style-type: none"> Encourage OCS along plastics value chain Plastics chemicals framework or database | <ul style="list-style-type: none"> Plastics Neutrality Carbon Net Zero |
| CIRCULAR ECONOMY | CIRCULAR ECONOMY | <ul style="list-style-type: none"> Harmonise requirements for recycled content measurement and certification Impose minimum circular content targets | <ul style="list-style-type: none"> Halal standards for recycled products | |
| | RECYCLING | <ul style="list-style-type: none"> Enforce product labelling Enforce public actions on non-compliance with waste separation at source (SAS) | <ul style="list-style-type: none"> Increase Material Recovery Facility (MRFs) nationwide | <ul style="list-style-type: none"> Have chemical recycling operational at scale |
| COMMUNICATION, EDUCATION AND PUBLIC AWARENESS (CEPA) | WASTE MANAGEMENT | <ul style="list-style-type: none"> Launch Don't Be a Litterbug (DBALB) programme Enhance CEPA for SAS | | |
| | MISCONCEPTIONS | <ul style="list-style-type: none"> Revive effort for the Plastics, Sustainability and You (PSYE) Module Organise university programmes | <ul style="list-style-type: none"> Enhance inter-ministerial and public-private knowledge sharing Formally adopt PSYE Module in schools | |
| | COLLECTION ACTIVITIES | <ul style="list-style-type: none"> Extended Producer Responsibility (EPR) | <ul style="list-style-type: none"> Formalise informal sector | |

PLASTICS NEUTRALITY MASTERPLAN
Zero Plastics to Landfill

2024-2030



SCAN ME

3. Exploring Financial Mechanism



VERRA
Standards for a Sustainable Future

ONLINE WEBINAR

PLASTIC CREDITS AS AN INNOVATIVE FINANCIAL INSTRUMENT

Agenda:

- A guide to Plastic Credit
- How it helps companies
- How it contributes to EPR
- Case studies
- Question and Answers

 **THURSDAY, SEPT 5
2024**

 **TIME
AT 02.30 PM**

Speaker:
MS KOMAL SINHA
Senior Director, Plastic and Sustainable Development Policy and Markets



To increase activities surrounding plastics recovery and recycling, and to prepare for the Global Plastics Treaty implementation, MPMA is exploring multiple potential financing mechanism such as plastics credits, outcomes-based financing and more.

05

Operation Clean Sweep (OCS)

Global Impact Report

2023

2023 OCS ACCOMPLISHMENTS AT A GLANCE



The global OCS member count reached more than 5,000 with more than 300 new companies joining OCS for the first time in 2023.



In 2023, OCS launched one new program in 2023: OCS Malaysia.



More than 50 countries across Europe implemented data reporting.



Three OCS programs launched external inspection programs: OCS Europe, OCS Turkey, and OCS Blue in the U.S., representing more than 50 countries.

OCS Updates

- OCS Global Impact Report 2023 launched in early 2024:
<https://opcleansweep.org/about/global-impact-report/>
- Current active OCS operators in Asia: Malaysia and Singapore
- PLASTICS organised OCS Conference 2024 and awarded OCS Difference Maker Award to three individual champions who have gone above and beyond in their efforts towards achieving zero resin loss
- OCS UK developed an OCS Training Programme for their OCS signatories and any company that handles plastics pellets, flakes or powder for free:
<https://www.polymercourses.com/operation-clean-sweep-training-course-page/>
- Development of an OCS ISO International Standard is on-going, led by PLASTICS



Thank you!

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