

MPMA SUSTAINABILITY ACTIVITIES

**MEETING WITH ENVIRONMENTAL PROTECTION
AGENCY TAIWAN (TAIWAN EPA)**

8 JUNE 2018



2

NEW REGULATORY DEVELOPMENTS

1. Bans on plastic bags and polystyrene (PS)
2. Promotion of biodegradable and compostable packaging
3. Importation of plastics waste

1. BANS ON PLASTIC BAGS AND PS

No.	States/Local councils	Bans		Implementation	Alternative
		Plastic bags	Polystyrene		
1.	Penang	✓	✓	Since 1 December 2012	Biodegradable and paper packaging
2.	Petaling Jaya City Council (MBPJ)	✓	✓	Since Jan 2014	Biodegradable packaging
3.	Sibu Municipal Council (SMC)		✓	Since 1 Jan 2014	Biodegradable and paper packaging
4.	Sarikei District Council (SDC)		✓	Since Oct 2014	Biodegradable and paper packaging
5.	Sibu Rural District Council (SRDC)		✓	Since Oct 2014	Biodegradable and paper packaging
6.	Subang Jaya Municipal Council (MPSJ)	✓	✓	Since June 2015	Biodegradable packaging
7.	Shah Alam City Council (MBSA)	✓	✓	Since June 2015	Biodegradable packaging
8.	Malacca	✓	✓	Since Jan 2016	Biodegradable and compostable packaging
9.	Selangor	✓	✓	Since Jan 2017	Biodegradable packaging
10.	Federal Territories (Kuala Lumpur, Putrajaya and Labuan)	✓	✓	Since Jan 2017	Biodegradable packaging
11.	Johor	✓	✓	Starting 2018	Oxodegradable packaging
12.	Perak	✓	✓	Ban on hold	Biodegradable packaging

1. BANS ON PLASTIC BAGS AND PS

28 May 2018 10:46AM
(Updated: 28 May 2018 10:50AM)

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Asia

Malaysia targets nationwide ban on plastic bags within a year: Minister



File photo of plastic bags. (Photo: AFP/Fred Dufour)

KUALA LUMPUR: The Malaysian government will work to educate the public and raise awareness before introducing a nationwide ban on plastic bags within the span of a year, said Housing and Local Government Minister Zuraida Kamaruddin in an interview published by online news portal MalaysiaKini on Monday (May 28).

Zuraida said she believes awareness of why the government wants to implement the ban is still low, despite similar bans enforced in Kuala Lumpur, Putrajaya, Selangor, Melaka and Johor.

2. PROMOTION OF BIODEGRADABLE AND COMPOSTABLE PACKAGING

- State of Melaka and Federal Territories are strongly promoting biodegradable and compostable packaging as a replacement for conventional plastics
- These are stated in by-laws and have become a component of the requirements to renew business license
- Challenges:
 - i. Cost factor – price competitiveness
 - ii. Supply capacity
 - iii. Enforcement
 - iv. Environmental impact of biodegradable packaging

3. IMPORTATION OF PLASTICS WASTE

- Existing rule:

Application of Approved Permit (AP) from the National Solid Waste Department (JPSPN) with letter of approval from the Department of Environment (DOE) and Solid Waste and Public Cleansing Management Corporation (SWCorp)
- Proposed new rules:
 - i. Introduction of a Quota System to reduce imports
 - ii. Introduction of a Licensing Fee and Processing Fee

MPMA SUSTAINABILITY ACTIVITIES 2017

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'Don't Be A Litterbug' Campaign

1	Litter Free Thaipusam 2017	8 February 2017
2	MPMA Johor Branch Litter Free Chingay 2017	16 – 18 February 2017

3Rs Education and Awareness Programme

3	MPMA Perak Branch 3Rs Awareness Education Programme 2017	Throughout 2017
4	PCG Be Green Campaign Bintulu	1 April – 6 September 2017
5	MPMA-ExxonMobil Eco-Ranger Programme 2017	20 May 2017
6	MPMA-Chevron Phillips Chemical Young Sustainability Innovators Award 2017	25 May – 5 September 2017
7	MPMA-DOW School Environmental Challenge 2017	8 August – 3 October 2017
8	MPMA Marine Litter Awareness Programme	12 August and 24 October 2017
9	MPMA-DOW RIVER Ranger Programme	13 September – 17 November 2017
10	PCG Be Green Campaign Gebeng	14 November 2017
11	National Recycling Day 2017	18 November 2017

LITTER FREE THAIPUSAM 2017

8 February 2017

www.facebook.com/DontbeALitterbug

Don't be a Litterbug

Litter Free Thaipusam 2017

USE A BIN

Organised by: Hindu Youth Organisation

Supported by: MPMA (Malaysian Plastics Manufacturers Association), Minnal, PSL Enterprise, MUBENPICTURES



MPMA JOHOR BRANCH - LOTTE CHEMICAL TITAN

LITTER FREE CHINGAY - 16 and 18 February 2017

www.facebook.com/DontbeALitterbug

Don't be a Litterbug

LITTER-FREE CHINGAY 2017

KEMPEN ANTI SAMPAH

USE A BIN 别当垃圾虫

柔佛古庙游神

Supported by: LOTTE CHEMICAL TITAN

A Project by: MPMA (Malaysian Plastics Manufacturers Association)



MPMA PERAK BRANCH

3Rs AWARENESS EDUCATION PROGRAMME 2017



PCG BE GREEN CAMPAIGN 2017 - BINTULU

1 April – 6 September 2017



PCG BE GREEN CAMPAIGN 2017 - GEBENG

14 November 2017



MPMA-EXXONMOBIL ECO-RANGER PROGRAMME

20 May 2017

MPMA-ExxonMobil Eco-Ranger Programme 2017

Saturday, 20 May 2017
Dewan Gemilang, SMK Damansara Damai 1

Organized by **MPMA** (MALAYSIAN PLASTICS MANUFACTURERS ASSOCIATION)

In collaboration with **eijau**

Supported by **ExxonMobil**





MPMA-CHEVRON PHILLIPS CHEMICAL YOUNG SUSTAINABILITY INNOVATORS AWARD

25 May – 5 September 2017

 MALAYSIAN PLASTICS MANUFACTURERS ASSOCIATION


MPMA-CHEVRON PHILLIPS CHEMICAL YOUNG SUSTAINABILITY INNOVATORS AWARD 2017

WESLEY METHODIST SCHOOL (INTERNATIONAL) KL | SMK LA SALLE, PJ
 SMK TAMAN MEDAN | SMK BANDAR BARU SUNGAI BULOH

Supported by



MPMA-DOW SCHOOL ENVIRONMENTAL CHALLENGE

8 August – 3 October 2017



MPMA
MALAYSIAN PLASTICS MANUFACTURERS ASSOCIATION

Dow

TRIS BAHAGIAN
KEMENTERIAN PENDIDIKAN
BERSEKUTUAN

MPMA-DOW School Environmental Challenge 2017

SK Rumbia • SK Alor Gajah 1 • SJK(C) Alor Gajah
SK Convent Infant Jesus 2 • SK Tehel • SJK(C) Pay Chiao
SMK Seri Pengkalan • SMK Dato' Dol Said • SMK Dato Haji Talib Karim
SMK Tun Mutahir • SMK Gajah Berang • SMK Seri Bemban

SK Alor Gajah 1

MPMA-DOW RIVER RANGER PROGRAMME

13 September – 17 November 2017



NATIONAL RECYCLING DAY CELEBRATION

18 November 2017



MPMA MARINE LITTER AWARENESS PROGRAMME

12 AUGUST and 24 OCTOBER 2017



MPMA SUSTAINABILITY ACTIVITIES 2018

MPMA SUSTAINABILITY ACTIVITIES 2018

1	MPMA Johor Branch Litter Free Chingay 2018	7 March 2018
2	MPMA-ExxonMobil Eco-Park Innovation Challenge 2018	30 March – 1 April 2018
3	MPMA-DOW School Environmental Challenge 2018	17 April - present
4	MPMA-DOW School Environmental Challenge 2018 (Eco-Ranger Camp)	13 – 15 May 2018
<u>Upcoming Programmes</u>		
1	MPMA Perak Branch Eco-Ranger Programme 2018	July 2018
2	MPMA-DOW-Thong Guan International Coastal Cleanup 2018	August/September 2018
3	PCG Be Green Campaign 2018 (Bintulu and Gebeng)	Throughout 2018
4	MPMA-Chevron Phillips Chemical	In proposal stage
5	MPMA-ExxonMobil	In proposal stage

MPMA-EXXONMOBIL ECO-PARK INNOVATION CHALLENGE 2018

30 March – 1 April 2018

MPMA-ExxonMobil Eco-Park Innovation Challenge 2018

Organized by **MPMA** MALAYSIAN PLASTICS MANUFACTURERS ASSOCIATION

Sponsored by **ExxonMobil**

Supported by **KEMENTERIAN PENDIDIKAN MALAYSIA**

In collaboration with **eijau** and **KITA**



MPMA-DOW SCHOOL ENVIRONMENTAL CHALLENGE 2018

(ECO-RANGER CAMP)

13 – 15 May 2018

MPMA-DOW School Environmental Challenge 2018

Organized by **MPMA** MALAYSIAN PLASTICS MANUFACTURERS ASSOCIATION

Sponsored by **DOW**

Supported by **KEMENTERIAN PENDIDIKAN MALAYSIA**

In collaboration with **eijau** and **LAM CHONG GROUP**



FOCUS OF MPMA SUSTAINABILITY ACTIVITIES 2018

Marine Litter

- Integrated Waste Management on an island

EPR

- Under evaluation - Bottles take-back system from retailers with a few major brand owners

Waste Segregation and 3Rs

- Recycling of agricultural films in Cameron Highlands
- Eco-Ranger Programme for students

MOVING FORWARD

1. ADDRESSING MISCONCEPTIONS ON PLASTICS

Target group: Public

MPMA Sustainability Video Project

- Objective: The project is to **address the misconceptions** about plastics and to showcase the benefits of plastics.
- Requirements: This project consists of a series of short videos (around 1-minute long each). These videos are meant to be shared on social media platforms such as Facebook and WhatsApp.

MPMA Sustainability Video Project

Titles of short videos:

1. **Plastics is Not Environmental-friendly: True or false?**
- Carbon footprint
2. **Plastics Litter: Who is to be blamed?**
3. **Plastics Do Not Degrade: Good or bad?**
4. **Plastics is Poisonous: Seriously?**
5. **Plastics Recycling: Giving life to new products**
6. **Usage of Plastics in Our Lives**

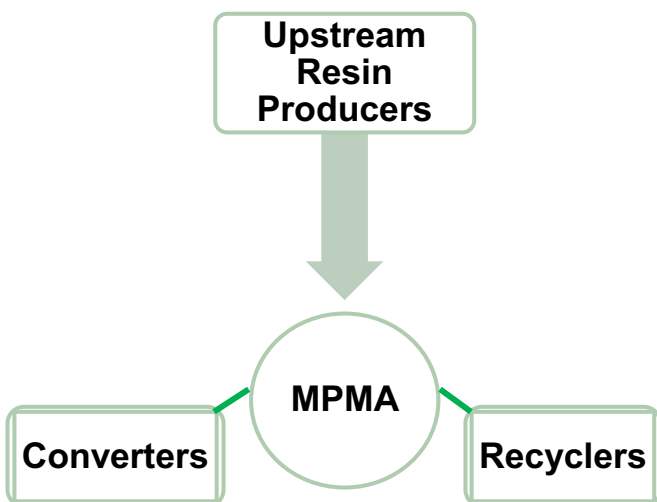
2. MPMA SUSTAINABILITY SUB-COMMITTEE

MPMA Sustainability Sub-Committee

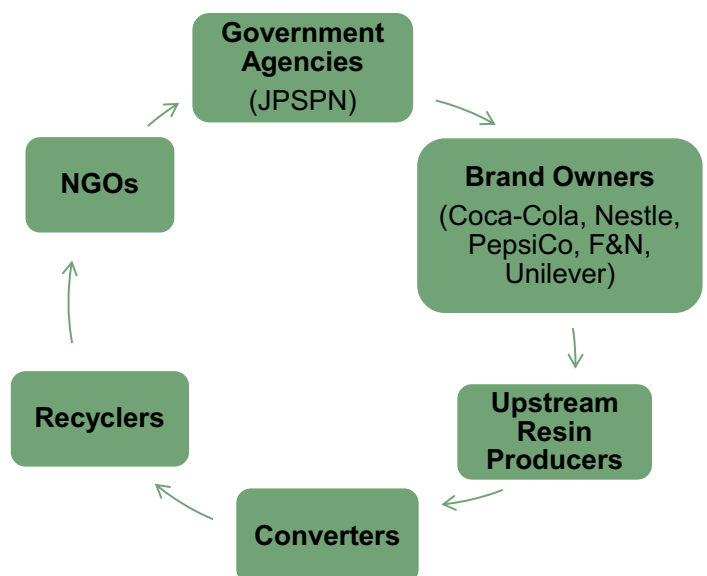
- Established in November 2017
- Objectives of Sub-Committee:
 - i. to promote recycling
 - ii. to promote the New Plastics Economy
 - iii. to provide a **platform to engage with all stakeholders**



- Existing structure:



- Latest structure:



3. SUSTAINABLE WASTE MANAGEMENT PROGRAMMES – MARINE LITTER

Target group: Students

MARINE LITTER



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What Causes Marine Litter?

- According to UNEP, about **80% of marine litter originates from land**.
- A majority of scientific studies have concluded that **plastics in the ocean** is the result of **poor or insufficient waste management and lack of recycling and recovery**.

MPMA's effort on marine litter:

1. Programmes to **prevent/reduce** waste on land
2. **Cleaning/Removing** waste from the marine environment

People Hold the Power to Protect the World's Oceans

Ocean pollution isn't a problem limited to one country, or even one continent. But it's becoming increasingly clear that what happens in one city can have impacts across the globe. According to the United Nations Environment Programme (UNEP), about 80% of marine litter originates on land. A majority of scientific studies have concluded that plastic in the ocean is the result of poor or insufficient waste management and lack of sufficient recycling and recovery. UNEP identified these sources as the most important:

- Poorly managed or poorly resourced landfill sites
- Sewage treatment and combined sewer overflows
- People using beaches for recreation or shore fishing
- Manufacturing sites, plastic processing, and transport
- Shore-based solid-waste disposal and processing facilities
- Inadequately covered waste containers and waste-container vehicles
- Inappropriate or illegal dumping of domestic and industrial trash or waste
- Street litter that is washed by rain or snowmelt, or blown by wind into waterways

Working in partnership, industry, NGOs, national governments and the United Nations have determined that good prevention and waste management is the key to keeping it out.

As a signature initiative of its [Trash Free Seas Alliance](#), Ocean Conservancy worked with the McKinsey Center for Business & Environment to lead a comprehensive study, [Stemming the Tide: Land-Based Strategies for Plastic Free Ocean](#).





International Coastal Cleanup

September 15th, 2018

Harnessing the Power of People to Fight Ocean Trash

The International Coastal Cleanup began more than 30 years ago, when communities rallied together with the common goal of collecting and documenting the trash littering their coastline. The movement was catalyzed by the passion and spirit of two committed individuals. Back in 1986, Linda Maraniss moved to Texas from Washington, DC, where she had been working for Ocean Conservancy. She'd been inspired by the work her Ocean Conservancy colleague Kathy O'Hara was doing on a groundbreaking report called *Plastics in the Ocean: More than a Litter Problem* that would be published

Read more: <https://oceanconservancy.org/trash-free-seas/international-coastal-cleanup/>

4. ENGAGEMENT WITH GOVERNMENT AGENCIES

Target group: Government officials



Meeting with Ministry of Science, Technology and Innovation (MOSTI)



Meeting with Johor Biotechnology & Biodiversity Corporation (J-Biotech)

Thank You

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