



MINISTRY OF HOUSING  
AND LOCAL GOVERNMENT

# 3R & CIRCULAR ECONOMY

## Solid Waste Management

Malaysia's Journey



Chapter 8 Strategy A2:  
Accelerating Transition  
to **Circular Economy**

THE HIGH-LEVEL 12<sup>TH</sup> REGIONAL 3R AND CIRCULAR ECONOMY FORUM IN ASIA AND THE PACIFIC

| 4 March 2025 | Jaipur, India |

Rizawati Abdul Kadir | Ministry of Housing and Local Government, Malaysia

# SCOPE OF PRESENTATION

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**01**

**Background**

*How Malaysia start  
the circular economy  
journey*

**02**

**Solid Waste  
Management**

*Issue & Challenges*

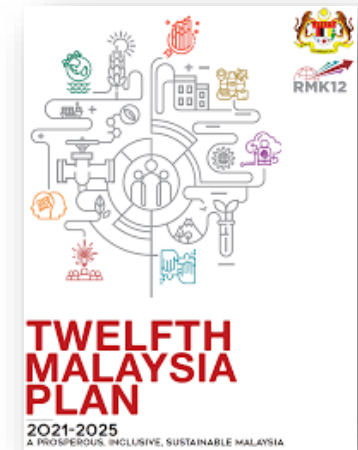
**03**

**Circular Economy  
Initiatives &  
Achievements**

**04**

**Way Forward**

# National Policy & Country's Commitment



## Chapter 8

Advancing Green Growth for Sustainability And Resilience

## Game Changer 8

Embracing the Circular Economy

## Strategy A2

Accelerating Transition to the Circular Economy

- Malaysia is committed to the SDGs, with targets & initiatives overseen by the National SDG Council & coordinated by the National SDG Centre under the **Ministry of Economy**.
- Efforts focus on **poverty reduction, health, education, climate change & inequality, aligned with the 12th Malaysia Plan** for sustainable development by 2030



## Solid waste

- **Circular Economy Blueprint (2025-2035)**
- National Cleanliness Policy (2020-2030)

## Agricommodity

- National Agri-Commodity Policy (2021-2030)
- National Biomass Action Plan (2023-2030)
- National Agro-Food Policy (2021-2030)
- National Biotechnology Policy 2.0

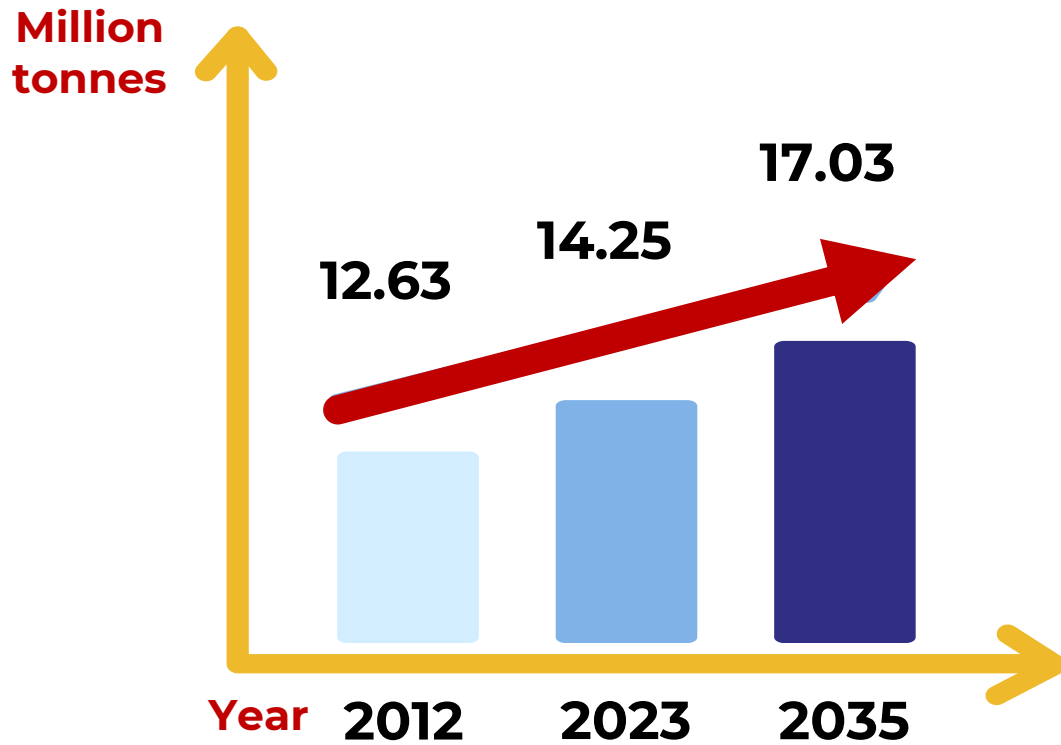
## Plastics

- Malaysia's Roadmap Towards Zero Single-use Plastics 2018-2030
- Malaysia Plastics Sustainability Roadmap 2021-2030

## Manufacturing

- **Circular Economy Policy Framework**
- New Industrial Master Plan 2030

# Solid Waste Management – *Issue and Challenges*



**Population (2023)**

**33.4 million**



**Urbanisation (2020)**

**77.2%**



**Non Sanitary Landfills**

**114**



**Sanitary Landfills**

**22**

**Reduce waste to landfills**

**Reduce the Government's financial burden**

**Various Solid Waste Legislations**





**Fostering community behaviour on cleanliness, 3Rs and Separation at Source**

# Achievements – Latest Policies and National Platform

## CIRCULAR ECONOMY BLUEPRINT FOR SOLID WASTE

- **Comprehensive framework** as a **guide** to all relevant stakeholders
- Highlight the **roles and shared responsibilities** of stakeholders
- Highlight **enablers** to **accelerate the transition** to a circular economy in the solid waste sector



 <b>Governance &amp; Legislation</b> 5 Initiatives	SP1
 <b>Guidelines &amp; Procedures</b> 5 Initiatives	SP2
 <b>Digitalisations &amp; Technologies</b> 3 Initiatives	SP3
 <b>Infrastructure &amp; Facilities</b> 2 Initiatives	SP4
 <b>Market Creation</b> 5 Initiatives	SP5

## NATIONAL CIRCULAR ECONOMY COUNCIL (NCEC)



1<sup>ST</sup> NCEC Meeting  
30 April 2024



2<sup>ND</sup> NCEC Meeting  
29 October 2024

Establishment NCEC on 23<sup>rd</sup> August 2023, its function to :

- **Coordinate circular economy on solid waste initiatives** across various stakeholders and sectors
- Play a **vital role** in **advancing the country's recycling industry, circular economy and solid waste-based industries.**

# Achievements – Events and Programs

## CIRCULAR ECONOMY CONFERENCE 2024



**Circular Economy Conference:  
Building a Sustainable Future**  
6<sup>th</sup> August 2024, Kuala Lumpur

Launching of the  
**Circular Economy  
Blueprint for Solid  
Waste in Malaysia  
(2025-2035)**



## NO SINGLE-USE PLASTIC BAGS PROGRAM



- **Pledge of Commitment** 'No Single-Use Plastic Carrier Bags' from 20 retailers with 7,601 premises throughout the country
- Reducing **200 million** single-use plastics in Malaysia per year

## MALAYSIA CLEAN-UP DAY: MEGA CLEANING PROGRAM

### Malaysia Book of Records:

- Largest simultaneous participation **58,007 participants**
- Heaviest waste collected in a day **4,645.50 metric tonnes**
- Longest non-stop operation **12 hours**



## NATIONAL RECYCLING DAY

*'Rethink, Reduce, Reuse, Repair, Refurbish, Repurpose, Recycle, Recover'*

- 11<sup>th</sup> November is **National Recycling Day** in Malaysia
- To highlight the **importance of recycling**
- To **foster recycling** as part of lifestyle
- To give **recognition & appreciation** to parties actively practicing 3R



# Way Forward – *Government's Aspiration*

"The development of the circular economy in Malaysia is one of the **economic catalysts**, with **great potential** not only to **create new markets** for post-consumer products, but also to **generate additional income** and **employment opportunities** for society as a whole."



Exploring the development of a **Circular Economy Act** for nationwide implementation



Development of **Extended Producer Responsibility (EPR) Policy Framework** and continuous stakeholder engagements



Empowering separation at source (**SAS**) and **3R** implementation and encourage industry player to **extend business based on the 9R Principles of the Circular Economy**



Enhancing development waste treatment facilities and landfill management

# THANK YOU

Ministry of Housing and Local Government Malaysia  
Urban Sustainability Division

