



MINISTRY OF ENVIRONMENT AND FORESTRY  
REPUBLIC OF INDONESIA

# INDONESIAN POLICY AND PROGRAM ACTION IN ADDRESSING MARINE PLASTICS POLLUTION

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## POLICY DIRECTIVE (LAW NO. 18/2008 AND PP NO. 81/2012)

### SHIFTING THE PARADIGM



- WASTE AS POLLUTANT LOADS
- NO WASTE REDUCTION
- NO WASTE TO RESOURCE
- NO RESOURCE EFFICIENCY
- FULL VIRGIN RESOURCE EXTRACTION
- LINIER ECONOMY: MAKE-USE-DISPOSE



- REDUCE WASTE AS POLLUTANT LOADS
- REDUCTION AT SOURCE
- WASTE TO RESOURCE
- RESOURCE EFFICIENCY
- LIMIT VIRGIN RESOURCE EXTRACTION
- PRODUCER RESPONSIBILITY



- ELIMINATE SINGLE-USE PLASTIC ITEMS, DESIGN FOR REUSE & RECYCLE
- MAKE WASTE A NEW LIFE AS LONG AS POSSIBLE
- ACHIEVE SUSTAINABLE CITIES AND COMMUNITIES (SDG GOAL NO 11)
- ACHIEVE RESPONSIBLE CONSUMPTION AND PRODUCTION (SDG GOAL NO 12)



## SOLID WASTE MANAGEMENT NATIONAL POLICY AND STRATEGY TARGET 2018–2025 (PRESIDENTIAL REGULATION NO. 97/2017)

Indicator	2018	2019	2020	2021	2022	2023	2024	2025
Waste generation (mil tons)	66.5	67.1	67.8	68.5	69.2	69.9	70.6	70.8
Waste reduction target (mil tons)	12 (18%)	13.4 (20%)	14 (22%)	16.4 (24%)	17.99 (26%)	18.9 (27%)	19.7 (28%)	20.9 (30%)
Waste handling target (mil tons)	48.5 (73%)	50.3 (75%)	50.8 (75%)	50.7 (74%)	50.5 (73%)	50.3 (72%)	50.1 (71%)	49.9 (70%)



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## NATIONAL SOLID WASTE MANAGEMENT (SWM) TARGET IN JAKSTRANAS

30% REDUCTION  
BY 2025

### INDICATORS:

1. DECREASING WASTE GENERATION PER CAPITA
2. REDUCING WASTE AT SOURCE (COMMUNITY-BASED 3R)
3. REDUCING WASTE LEAKAGE TO ENVIRONMENT

70% HANDLING  
BY 2025

### INDICATORS:

1. INCREASING WASTE TO BE TREATED (RECYCLING, COMPOSTING, BIOGAS, THERMAL RECOVERY, RDF, ETC)
2. REDUCING WASTE TO BE LANDFILLED
3. REDUCING WASTE LEAKAGE TO ENVIRONMENT



REDUCED  
70% MARINE  
PLASTIC BY  
2025



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- UU 18/2008
- PP 81/2012
- Presidential Regulation
- SWM National Policy & Strategy
- Plan of Action on Marine Plastic Debris
- EPR Roadmap
- Several Ministerial Regulations
- Technical Guidelines
- Eco-label
- Law & Regulation enforcement

**Law, Regulation,  
Procedure, Criteria &  
Standard**

**International  
Cooperation**

- UN Environment
- UNEA
- 3R Regional Forum Asia Pacific
- ASEAN Working Group on Environmentally Sustainable City
- JICA Japan
- Danish Government
- Netherland Government
- The World Bank
- European Union

**SWM Improvement**

**National  
Policy &  
Strategy in  
Solid Waste  
Management**

**Responsible Producer**

- Pilot Project
- DAK Allocation
- DID Plastic Waste Reduction
- Green Infrastructure
- Capacity Building
- Recycling Facilities Support
- Landfill Infrastructure Support
- Waste to Energy and RDF Support
- Monitoring & Evaluation through Adipura Program
- Technology & Innovation
- Research & Development
- Rewarding

**Responsible Community  
through Communication,  
Information & Education**

- Adiwiyata Program
- National SW Awareness Day (HPSN)
- National SW information System
- NGO/NPO & community involvement
- Mass media covering
- Public campaign
- River & Coastal Clean-up
- Seminar & exhibition
- Dialog & talk show
- Publication material
- Social media channeling

- Single-use plastics & packaging waste reduction from retail sector
- Single-use plastic & packaging waste reduction from brand owner sector
- Single-use plastic & packaging waste from food & beverage service sector



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**Production & Use of  
Plastics**

- Eliminating unnecessary and avoidable single-use plastic
- Reducing over-packaging
- Reducing multilayer flexible plastic

**Re-design &  
Innovation**

- Recyclability
- Reusability
- Compostability
- Durability
- More recycled content
- Alternatives to plastics

**Reducing &  
Circulating  
Plastics Waste**

- Limiting use of unnecessary and avoidable single-use plastic
- Green public procurement
- Green office
- Green school & campus
- Community based 3Rs
- Bank sampah

**Improving Waste  
Management**

- Norm, standard, procedure & criteria
- Subsidy (DAK & DID)
- Green Infrastructure
- Capacity building
- Recycling industry development
- Waste to Energy and RDF development
- Monitoring & evaluation
- Incentive
- EPR implementation
- Informal sector engagement

**Reduction at Source**

**Public Engagement &  
Law Enforcement**

- HPSN
- National waste management information system
- Public campaign
- Seminar
- Exhibition
- Dialog & talk show
- Material of publication
- Social media channel
- Law enforcement
- Etc.



### **SEVERAL ON GOING IMPLEMENTATIONS:**

- 1. Improving data quality & management of plastic waste and marine plastic.**
- 2. Mainstreaming solid waste management on national and local development planning and implementation (RPJMN/Jakstranas, RPJMD/Jakstrada).**
- 3. Implementing the 2<sup>nd</sup> year of national action plan combating marine plastic.**
- 4. Implementing extended producer responsibility roadmap 2020-2029 in the following sectors brand owner manufacturer, retail industry, and food/beverage service industry.**
- 5. Banning single-use plastics such as plastic bag, plastic straw, and plastic foam container (styrofoam) in 2 provinces and 38 cities/regencies.**
- 6. Improving waste collection system (including take-back scheme) by integrating following channels: formal collection, informal sector, bank sampah, recycling centre, drop box, retailer, and digital start up.**
- 7. Developing standards including recyclability, reusability, compostability, and recycled content.**
- 8. Improving local government capacity in solid waste management by providing infrastructures and subsidies.**
- 9. Building international cooperation and partnership bilateral and multilateral both global and regional level.**
- 10. Piloting the 1<sup>st</sup> Indonesia Packaging Recovery Organisation (IPRO) that initiated by 6 multi-national companies for implementing take-back scheme of PET bottle, used beverage carton (UBC), dan flexible plastics.**

# THANK YOU

## TERIMA KASIH

Further Communication:

Directorate of Solid Waste Management  
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Waste, and Toxic Substance Management  
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