



REPUBLIC OF INDONESIA  
COORDINATING MINISTRY FOR MARITIME AFFAIRS & INVESTMENTS

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## National Actions on Combating Marine Plastic Debris for Sustainable Ocean

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Bali, 18 February 2020



### Presentation Outline



- 1 National Ocean Policy & National Policy on Marine Debris**
- 2 Actions on Marine Debris**
- 3 Measurement, Reporting & Verification (MRV)**
- 4 Actions through Partnership**
- 5 Summary and Next Steps**



# Indonesia's Ocean Policy

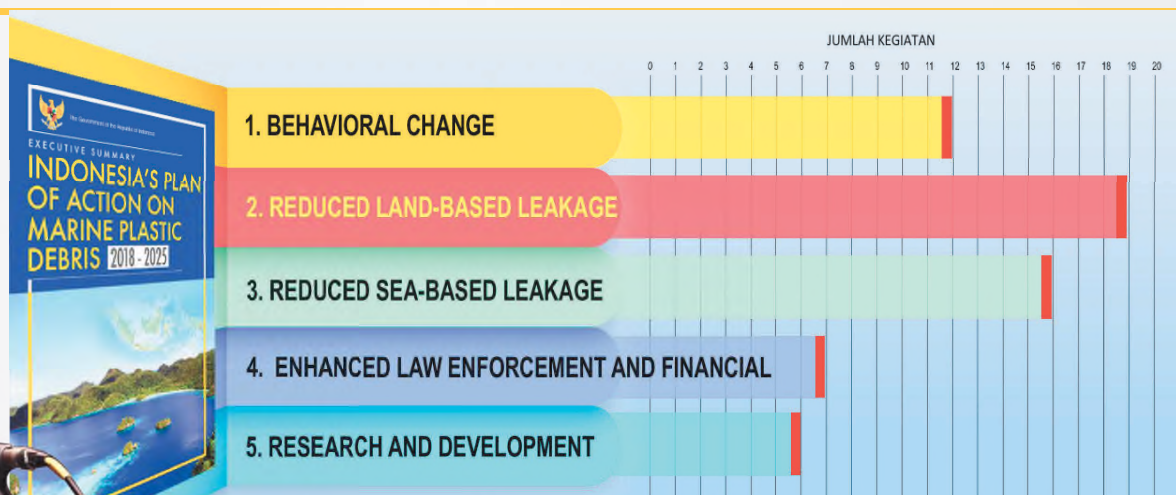
Perpres No. 16 / 2017



1. Indonesia enacted its National Ocean Policy in 2017.
2. Follow other countries such as Australia, Brazil, Canada, China, Colombia, Japan, Norway, Portugal, Russian Federation, and United States of America.
3. Indonesia's Ocean Policy aims at "providing guidance for planning of development in various marine sectors in Indonesia."



# INDONESIA'S POLICY ON MARINE DEBRIS



Indonesia will reduce waste by 3R (*reduce-reuse-recycle*) to 30% in 2025, while target a reduction of plastic waste as much as 70% in 2025.

Presidential Decree 83/2018 on Management of Marine Litter



# ACTION: BEHAVIORAL CHANGE CAMPAIGN



## 3R and Sorting Campaign



Gerakan Indonesia Bersih

LABUAN BAJO 2019

## Coastal Clean-Up Campaign



Impactfluencer: a Campaign



# ACTION: REDUCTION OF LAND & SEA BASED LEAKAGE

## Cisanti Lake (Citarum Upstream) and Citarum Harum, West Java



Before - Dec ' 17

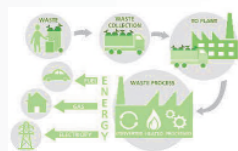


After - Feb ' 18



## Land-based Leakage

River clean-up systems, plastic to fuel, plastic-tar road, waste to energy, integrated waste management model, waste management at tourism sites



Solid Waste Management



Mini Incinerator for Rural Area



Installed RCS in PIK River

## Sea-based Leakage

Waste management & monitoring at marine tourism sites, commercial vessels, and port



Coastal Clean-up



## ACTION: R&D, IMPROVEMENT & INNOVATION



### Plastic Tar Road

- Process low value plastics into a mixed asphalt for road
- Increase perforation strength and cheaper.
- **Target: 77 location (~700 km road); reuse ~2100 tons plastic bag waste**



### Waste to Energy

- Destroy garbage in large amount without causing pollution.
- Produce electricity from waste burning.
- **Target: 12 Cities (e.g. Jakarta, Bandung, Solo, Denpasar)**



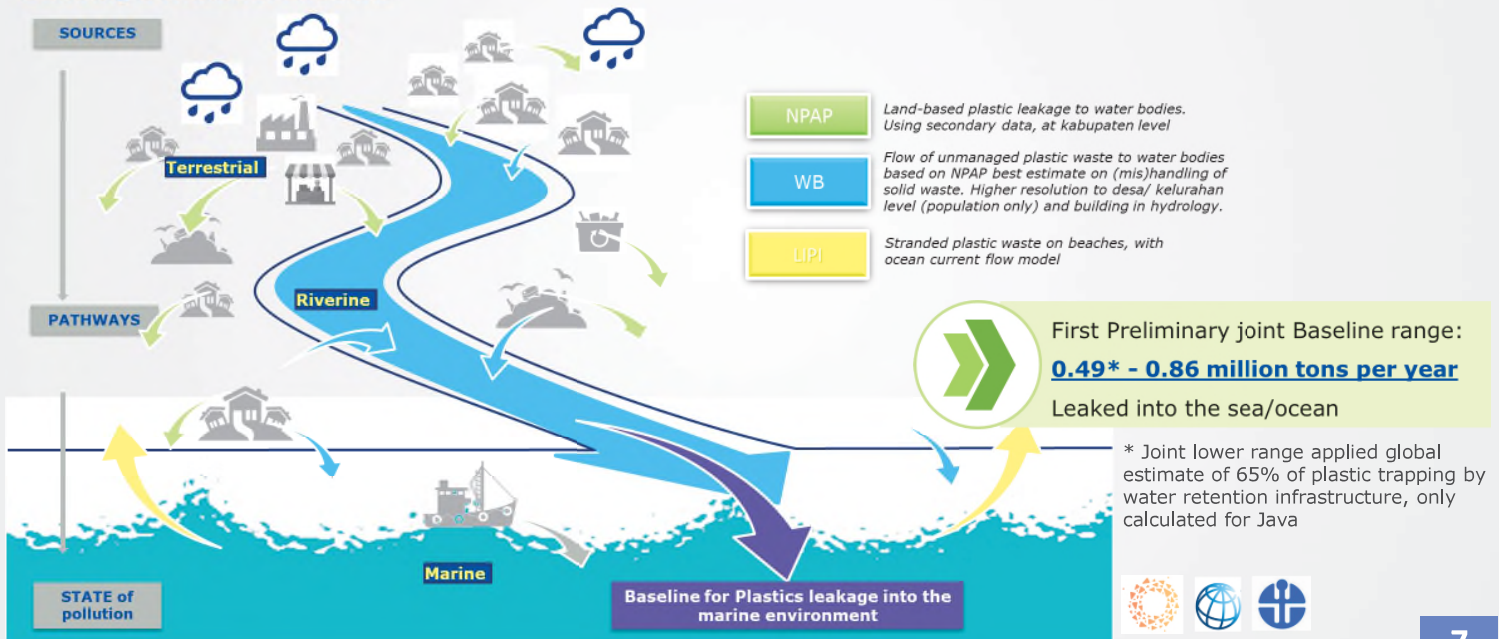
### Plastic to Fuel

- Process low value plastics into fuel.
- **Target: 2 cities; process 100,000 tons plastic waste per year**

6

## MONITORING, REPORTING & VERIFICATION: INDONESIA NATIONAL BASELINE FOR PLASTIC LEAKAGE

### Building a National Baseline



7



# PARTNERSHIP: NATIONAL PLASTICS ACTION PARTNERSHIP 2019

## Action of Commitments



Launching NPAP, 11 March '19

### 1. Platform Approach

The Global Plastics Action Partnership (GPAP) was forged as a structured global public-private partnership for action on plastic that enables these various public, private and civil society sectors and their initiatives to come together.

### 2. The World Economic Forum (WEF)

has set up the GPAP as an ambitious new initiative to support action and investment to prevent plastic pollution.

3. Indonesia was selected as the first National Action Partnership country for GPAP, to support National Action Plan on Marine Plastic Debris.

### Private Sector

### Actions

Indonesia Partnership Plastic Waste Management (IP2WM)	Launch of partnership
Bluebird (transportation company) and WWF	Give tumblers & make water refill stations for taxi drivers in all Indonesia (scale up of a Bali pilot)
MAP Group (retail company)	Put machines to take recycled plastics in Sogo and Foodhall
Plastic Energy and West-Java Province	MoU on making a location study for 4 locations for a chemical recycling plant

8



Coordinating Ministry for  
Maritime Affairs and Investment

## Private Sector Support on National Plan of Actions on Combating Marine Plastic Debris



9



## CONCLUTIONS

1. National Policy and regulations are in place.
2. Actions to combat marine debris have been taken and more involvement of private sectors are needed.
3. Baseline data is now available as basis for evaluating the effectiveness of interventions to reduce marine debris.



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**Thank You**

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