

Plan for addressing Marine Litter and Plastic Pollution in the Republic of Korea

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Marine Conservation Division



**Ministry of Oceans
and Fisheries**

■ Marine Debris Policy Framework of ROK



Ministry of Oceans
and Fisheries

**Marine Environment
Management Act(2008)**

**Management of Marine
Debris and Contaminated
Marine Sediment Act(2020)**



**The 1st National Marine
Litter Management Plan
(2009-2013)**

**The 2nd National Marine
Litter Management Plan
(2014-2018)**

**The 3rd National Marine
Litter Management Plan
(2019-2023)**

**The 1st Master Plan for Marine
Debris and Contaminated Marine
Sediment Management
(2021-2030)**



Paradigm Shift

Past

Down stream

Sea based

Collection

Government



Present

Up and Down stream

Land and Sea both based

Life-cycle

Every Sector

The Plastic-Free Plan on Household Wastes(Dec 2020)

» Goal

- * Reduce plastic waste : 1.6 mil tons ('20) → 1.28 ('25)
- * Increase recycling rate : 54% ('20) → 70% ('25)

» Strategies

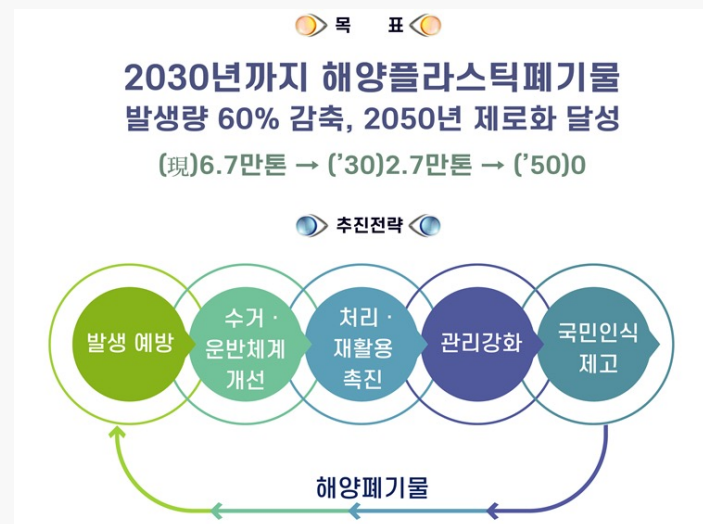
- **(Production)** Promoting recycling-oriented designs and bioplastics
- **(Consumption)** Banning use of single-use products and minimizing plastic packaging
- **(Disposal)** Reinforcing clean separation
- **(Recycle)** Increase recycle quality and market demand of recycled products

The 1st Master Plan for Marine Debris Management (May 2021)

» Goal

To reduce **60%** of marine plastic debris inflow **by 2030, zero by 2050**

* '21 : 67,000 ton → '30 : 27,000 ton → '50 : 0 ton



■ The 1st Master Plan for Marine Debris Management (2021~2030)

Prevent

» Sea-based Sources

- Implementing IoT-based fishing gear tracking systems
- Adopting deposit system to return fishing gear and buoys
- Distributing eco-friendly buoys

» Land-based sources



Collect

» Reducing Blindspots

- Building cleanup vessels to remove litter in remote islands
- Creating digital mapping system to monitor/forecast marine debris using satellite and drones
- Developing equipments to effectively collect microplastics



Disposal & Recycle

» Encourage Recycling

- Promoting up-cycling of wasted fishing gear
- Developing marine litter-to-energy system in remote fishing communities
- Installing marine debris pre-treatment facilities



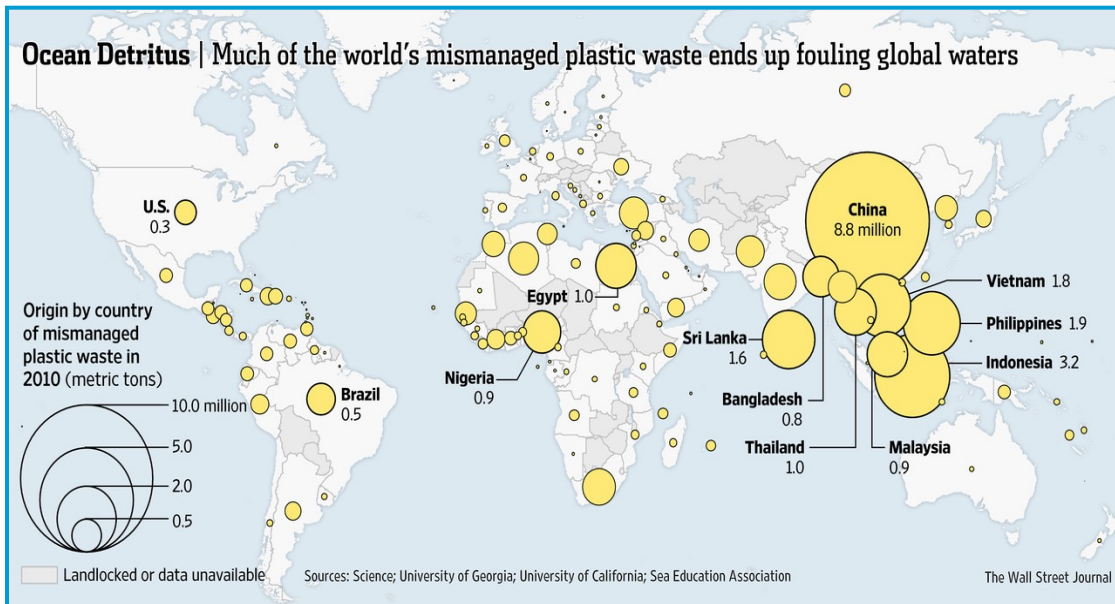
Infrastructure & Public Engagement

- Launching the 'Interagency Marine Debris Committee'
- Investing in R&Ds and monitoring of marine plastic debris and microplastics
- Raising public awareness



■ International Cooperation Projects on Marine Litter

- Enhancing Marine Litter Management in Manila Bay, Phillipines(2021-2025, 7M USD)
- Marine Debris Mitigation by Enhancing River Waste Management in the Republic of Indonesia(2021-2023, 2.3M USD)
- Reducing Marine Plastic Litter in East Asian Seas(2023-2028, TBD)



■ The 7th International Marine Debris Conference(IMDC)



The poster features a background image of a clear plastic bottle lying on a beach covered with dry leaves and seaweed. On the left side, there is a circular logo with a green border and a blue center containing a stylized wave and the number 7. Below the logo, the text reads: "7TH INTERNATIONAL MARINE DEBRIS CONFERENCE" and "September 2022, Busan, South Korea". On the right side, the text "SAVE THE DATE" is written in large, bold, white capital letters, followed by "7TH INTERNATIONAL MARINE DEBRIS CONFERENCE (7IMDC)" in smaller, bold, white capital letters. At the bottom, there is a white banner with the text "Date: September 2022" and "Location: Busan, South Korea". Below the banner, there are four logos: GPML (Global Partnership on Marine Litter), KOEM (Korea Marine Environment Management Corporation), UN environment programme (United Nations 50th anniversary logo, 1972-2022), and the Ministry of Oceans and Fisheries logo.

SAVE THE DATE
7TH INTERNATIONAL MARINE DEBRIS CONFERENCE (7IMDC)

7TH INTERNATIONAL MARINE DEBRIS CONFERENCE
September 2022, Busan, South Korea

Date: September 2022 **Location: Busan, South Korea**

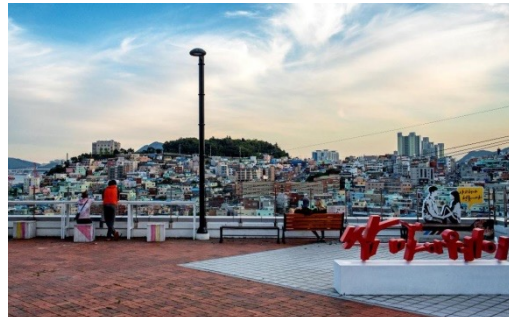
GPML
Global Partnership
on Marine Litter

KOEM
Korea Marine Environment
Management Corporation

UN environment programme
50 1972-2022

Ministry of Oceans and Fisheries

See you in Busan!





Ministry of Oceans
and Fisheries

THANK YOU
FOR YOUR ATTENTION