

# Potential Response Options to combat Marine Plastic Litter and Micro-plastics



Plastics  
Smart



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Intersessional Webinar of Ad hoc open-ended expert group  
on Marine Plastic Litter and Micro-plastics June 2020

## 1. A lack of scientific knowledge on:

- *Monitoring capacity – harmonization of monitoring methodology*
- *Sources, pathways and fate of plastic waste leakage*
- *Impacts to ecosystems*

## 2. Capacity of policy formulation and implementation including 3R and sound waste management



## 3. No “one-fits all” solutions

- Every member state should make its best efforts
- Regional and international frameworks can support and facilitate national plans and measures.

## What's important for regional/ international frameworks

- Long-term common vision
- Comprehensive life-cycle approach
- All countries share information and mutually learn best-practices to strengthen own national measures
- International cooperation to support countries in need of capacity building
- Collection and analysis of data and information as a scientific basis.

- We need to learn from existing frameworks and initiatives as a crucial first step.
- “ASEAN + 3 Marine Plastic Debris Cooperative Action Initiative”
- G20 “Osaka Blue Ocean Vision”  
G20 “Implementation Framework”

1. Capacity development and regional knowledge sharing on Environmentally sound plastic waste management and “3R”
2. Awareness raising, research and education on MPL
  - Awareness raising of local government, citizens and business sector
  - Development of monitoring capacity
  - Collection of scientific information, such as distribution of MPL
  - Information sharing of governmental activities, research and development.
3. Regional and international cooperation
  - Establish a regional knowledge hub (established in 2019.10)
  - Support ASEAN countries to develop national action plans



- 86 countries and regions have already shared the vision
- Collaborations among and beyond the G20 members

39. we share, and call on other members of the international community to also share, as a common global vision, the “Osaka Blue Ocean Vision” that we aim to reduce additional pollution by marine plastic litter to zero by 2050 through a comprehensive life-cycle approach that includes reducing the discharge of mismanaged plastic litter by improved waste management and innovative solutions while recognizing the important role of plastics for society. We also endorse the G20 Implementation Framework for Actions on Marine Plastic Litter.

- Continuous implementation under chairmanship of Saudi Arabia in 2020
- It can serve as a basis for global collaboration

Voluntary actions  
by the G20  
members

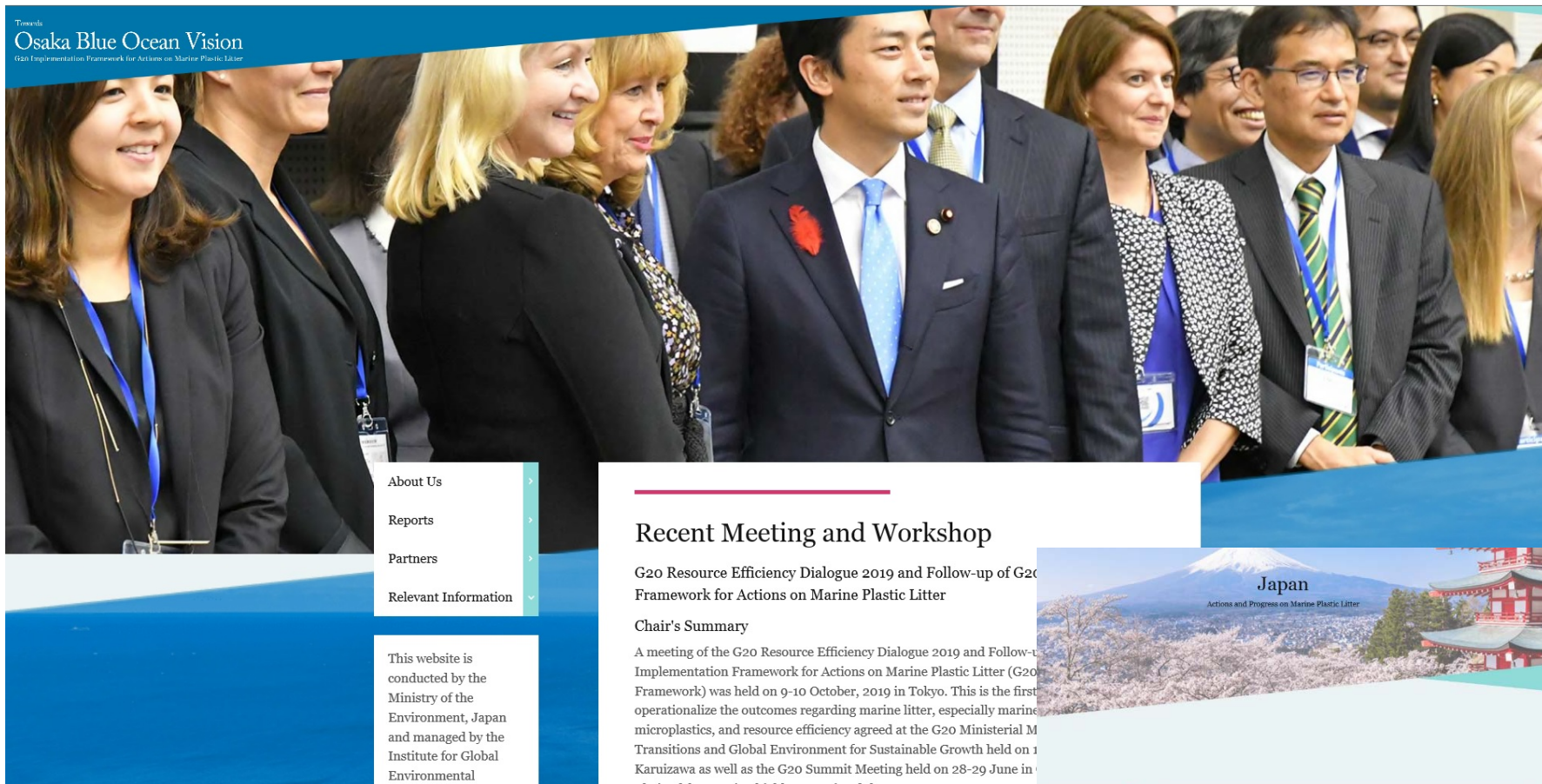
## Life-cycle approach

- sound waste management
- marine litter cleaned up
- innovative solutions
- international cooperation

Reinforcing efforts  
in line with the G20 Action  
Plan on Marine Litter

Information sharing  
continued updating  
peer learning.

## URL <https://g20mpl.org/>



The screenshot shows the G20 Portal website interface. At the top left, there is a blue banner with the text "Towards Osaka Blue Ocean Vision" and "G20 Implementation Framework for Actions on Marine Plastic Litter". Below this is a large photograph of a group of people in professional attire. A navigation menu on the left lists "About Us", "Reports", "Partners", and "Relevant Information". A main content area features a section titled "Recent Meeting and Workshop" with a sub-heading "G20 Resource Efficiency Dialogue 2019 and Follow-up of G20 Implementation Framework for Actions on Marine Plastic Litter". Below this is a "Chair's Summary" section. To the right, there is a section for "Japan" with a background image of Mount Fuji and cherry blossoms, and the text "Actions and Progress on Marine Plastic Litter". At the bottom right, there is a "Policy framework" section with a sub-heading "National Action Plan for Marine Plastic Litter (formulated in 2019)".



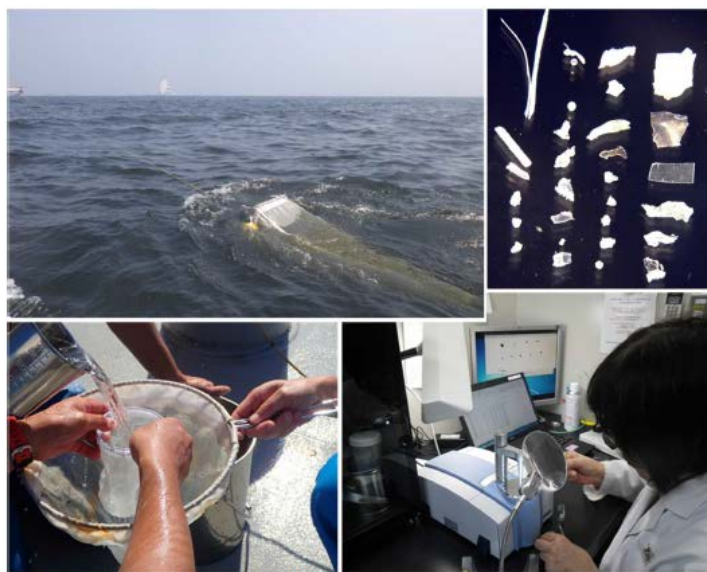
- Policies have to be based upon scientific understanding of the actual state of MPL and micro-plastics
- Harmonization of monitoring methods and global compilation of monitoring data is effective

Guidelines for Harmonizing Ocean Surface Microplastic

Monitoring Methods

Version 1.0, May 2019

## Guidelines for Harmonizing Ocean Surface Microplastic Monitoring Methods



Ministry of the Environment, JAPAN  
May, 2019

- collect samples in calm conditions
- use a flowmeter to calculate the tow distance
- compare results of particles

## Important points to build ground for further work by UNEA5:

- Consideration of all possible response options without prejudging possible outcomes at the UNEA5
- Collection of relevant information and good practices of functioning frameworks and initiatives at the regional and international scale
- Consideration of possibilities to strengthen and expand well-functioning types of frameworks/initiatives

## Role of UNEA/UNEP and AHEG

- To steadily implement the mandate given under UNEA resolutions and to evaluate its experience.
- to strengthen scientific and technological knowledge through convening existing relevant science advisory initiatives
- to strengthen coordination and cooperation by establishing a multi-stakeholder platform

\* Japan is willing to host an Asian-Pacific regional meeting in collaboration with UNEP.