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# **G20 Report on Actions against Marine Plastic Litter**

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**The 6th Information Sharing (2024 edition)**

18 July 2025

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# G20 and Marine Plastic Litter - Osaka Blue Ocean Vision

G20 members recognise the increasing urgency to tackle the issue of marine litter, especially marine plastic litter and microplastics, on a global scale, further building on existing efforts.

July 2017

- G20 Hamburg Summit: “**G20 Action Plan on Marine Litter**” launched.

June 2019

- G20 Ministerial Meeting on Energy Transitions and Global Environment for Sustainable Growth (Karuizawa): the “**G20 Implementation Framework for Actions on Marine Plastic Litter**” established
- G20 Osaka Summit: G20 Leaders endorsed the Implementation Framework, and shared “**Osaka Blue Ocean Vision**”.

## “Osaka Blue Ocean Vision”

**A common global vision that aims 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.

# G20 Report on Actions against Marine Plastic Litter



- Initiated as a follow-up of *the G20 Implementation Framework for Actions on Marine Plastic Litter* (June 2019)
- Published **annually since 2019**
- Targeting a wider variety of countries **within&beyond the G20**, including the countries, regions, international organizations and NGOs sharing the **Osaka Blue Ocean Vision**.
- **60** countries and **16** Orgs / NGOs have participated since 2019.

## G20 Report mentioned in past Communiqués



We establish the “G20 Implementation Framework for Actions on Marine Plastic litter”...to facilitate the implementation of the “G20 Action Plan on Marine Litter”...through **voluntary national actions**.



**We aim to accelerate all actions** pertaining to deliver on the [Framework]...by sharing **best practices and innovative solutions**... compatibility and interoperability of **monitoring and analytical methodologies**, and compiling information and data.



We reaffirm our commitment to the implementation of...[Framework].  
**We welcome the Third Report**...and reiterate our commitment to act at the global level...



**We welcome the Fifth Report** on the [Framework]...coordinated by India and supported by Japan and reiterate our commitment to **act at the global level cooperating with non-G20 countries and other partners and stakeholders**.

# G20 Report on Actions against Marine Plastic Litter, 2024



- In 2024, 6th Report was developed under the leadership of Brazil G20 Presidency with support of Ministry of the Environment, Japan (MoEJ)
- Actions reported by **23** countries and **7** international organizations/NGOs

# List of contributing countries and organizations (2024)

Countries (Total: 23)		Organisations/NGOs (Total: 7)
G20 Countries: 17	Non-G20 Countries: 6	
Australia (AUS) Brazil (BRA) Canada (CAN) China (CHN) European Union (EU) France (FRA) Germany (DEU) Indonesia (IDN) Italy (ITA) Japan (JPN) Mexico (MEX) Saudi Arabia (KSA) South Africa (ZAF) South Korea (KOR) Türkiye (TUR) United Kingdom (UK) United States of America (USA)	Myanmar (MMR) The Netherlands (NED) Norway (NOR) Philippines (PHL) Singapore (SG) Spain (ESP)	<ul style="list-style-type: none"> <li>• Economic Research Institute for ASEAN and East Asia (ERIA)</li> <li>• Food and Agriculture Organisation (FAO)</li> <li>• Global Environment Facility (GEF)</li> <li>• OECD</li> <li>• UNEP</li> <li>• UN-Habitat</li> <li>• World Economic Forum (GPAP-Global Plastic Action Partnership)</li> </ul>

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## Synthesis Report

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### Chap. 2. Policy Framework for Marine Plastic Litter (MPL)

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- 2.3. Indicators and/or Targets
- 2.4. Technical standards, guidelines, methodologies

### Chap. 3. Measures

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- 3.2. Product Specific Measures: ALDFG
- 3.3. Partnerships and Innovation
- 3.4. Monitoring, Data Management, Understanding flow of Plastics/MPL

### Chap. 4. International Collaboration

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- 4.2. International Cooperation

### Chap. 5. Best Practices

### Chap. 6. Actions and Initiatives by Int'l Orgs and NGOs



**Detailed Country Information available online**



<https://g20mpl.org/>

# Key findings: NAP, Legislation and Indicators

- ✓ Majority of countries has (/in the process of developing) NAPs, strategies and legislations
- ✓ More countries are adopting MPL-specific indicators/targets to track progress
- ✓ Technical standards and guidelines focus on different stages/issues across value chain

0% 20% 40% 60% 80% 100%

**Year 2023**

(Yes)

76%

94%

53%

Prod. / manufacturing	35%
Waste Mgt./ recycling	26%
Leakage monitoring	48%
Others	13%

2.1 National action plans /strategies on MPL

20

1

2.2 Legislations on MPL (including waste management and circular economy)

21

2.3 MPL-specific indicators, targets or data collection framework

18

3

2.4 Technical standards, guidelines, methodologies

18

1

2

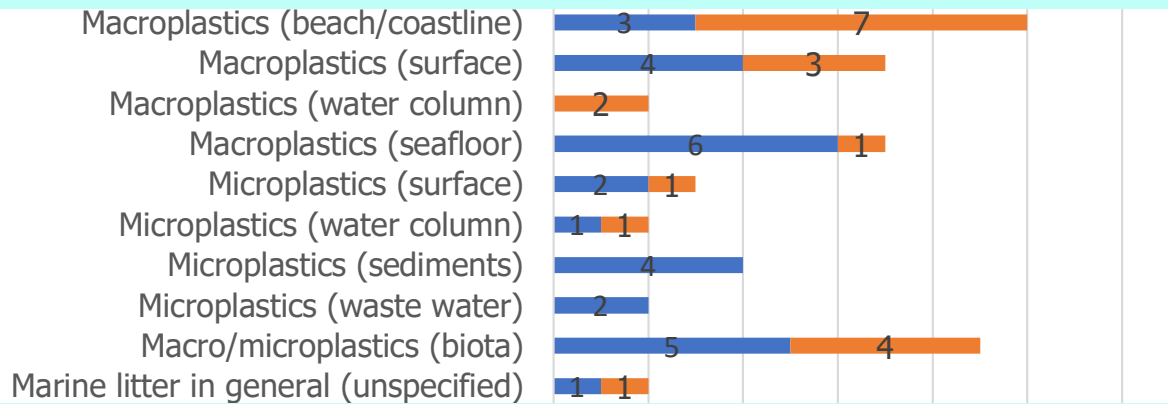
■ Yes ■ In preparation ■ No ■ No response

# Key findings: Indicators & Targets (Deep-dive)

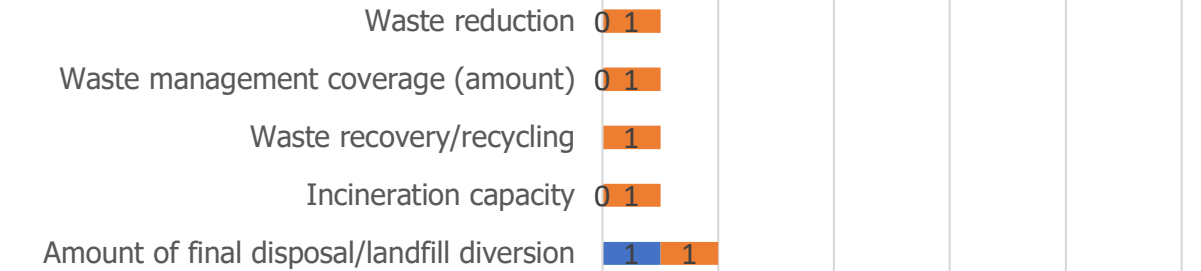
- ✓ MPL related indicators & targets are increasingly integrated into NAP but not prevalent.
- ✓ Indicators & targets vary, some are monitored better than others.

0 2 4 6 8 10 12 14

## Indicators/Targets on Leakage

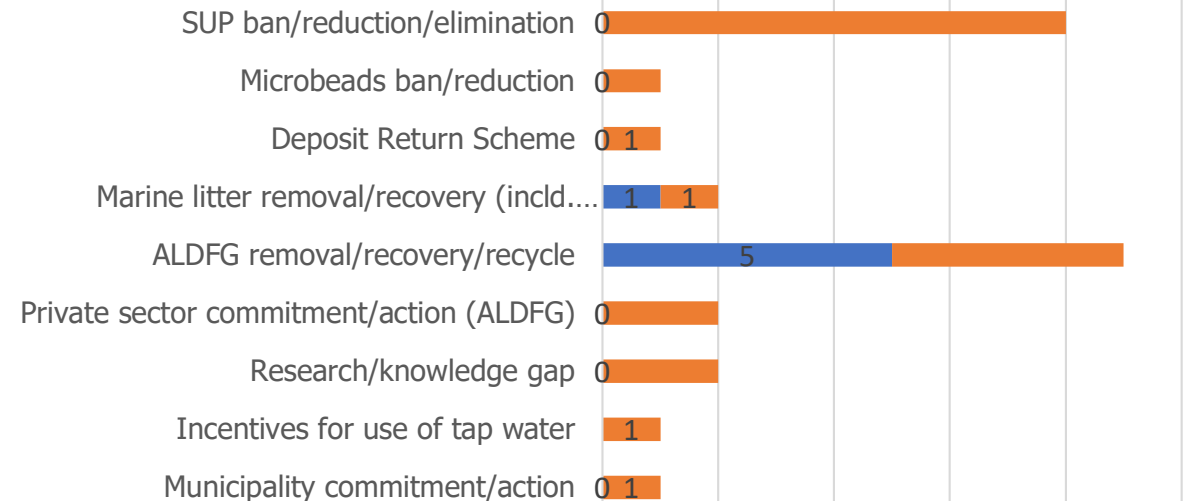


## Indicators/Targets on waste flow

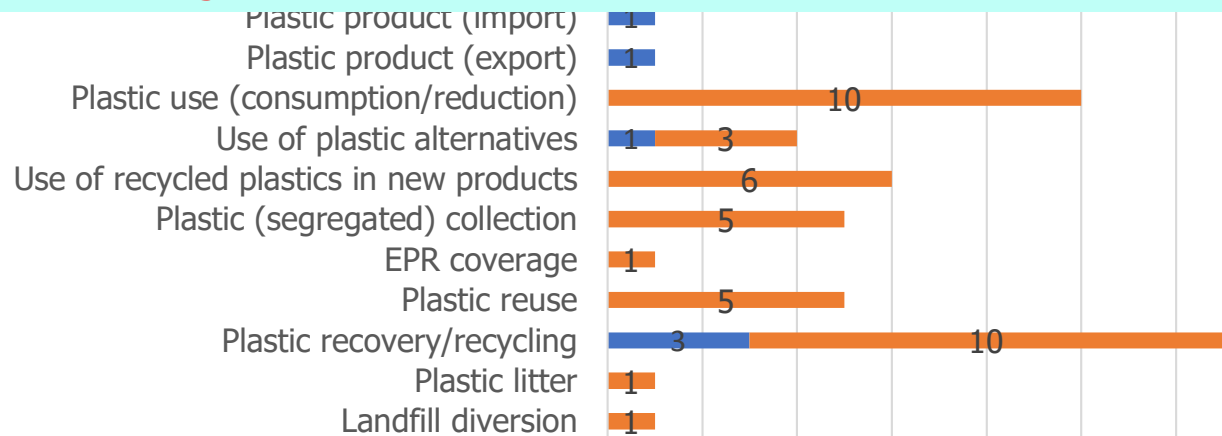


0 2 4 6 8 10

## Indicators/Targets on specific interventions/actions



## Indicators/Targets on Plastic Flow



■ Indicators ■ Targets

■ Indicators ■ Targets

# Key findings: Monitoring, Data Management, Research on MPL

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

3.4.1 Conducted Life Cycle Assessment



3.4.2 Conducted Material Flow Analysis

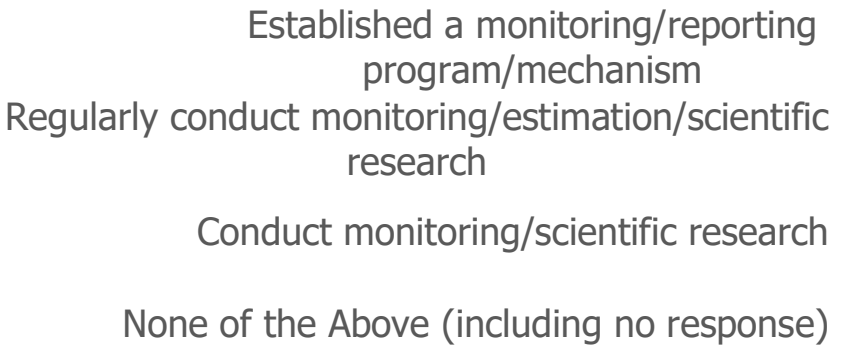


3.4.3. Conduct monitoring / estimation / scientific research on leakage of plastics/microplastics to the natural environment and/or flow of ocean surface.



■ Yes ■ No ■ No Response

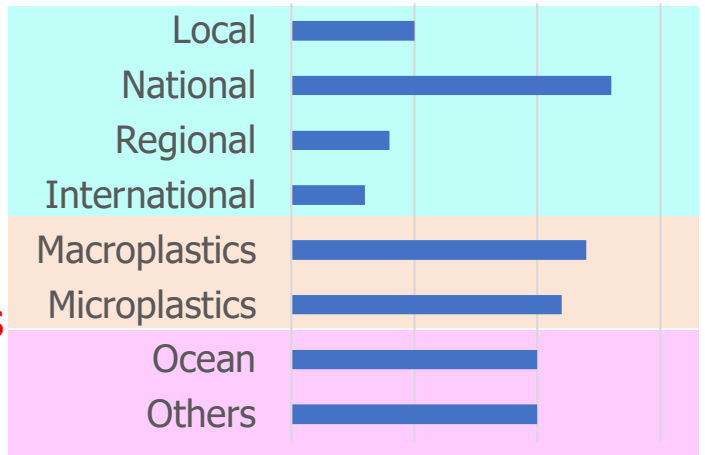
## The extent of actions



# of countries


## At which level

## Targeted materials



## Where

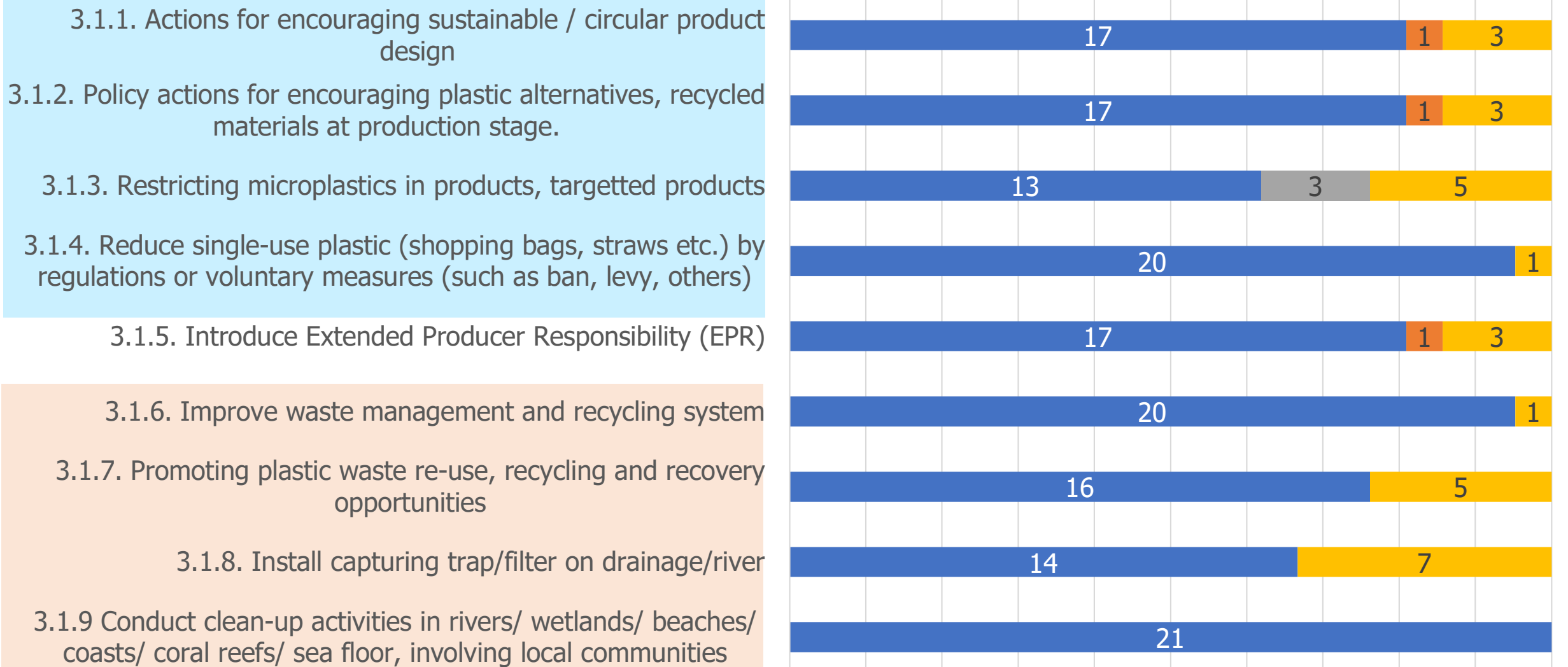
0 5 10 15 # of countries

- 
- ❑ There are efforts to continuously monitor the flow & stock of plastics in the economy and the leakage to the environment, and track the progress of national actions.
    - ....but not so widely conducted/reported
    - Indicators and targets widely vary among countries.
  
  - ❑ Monitoring and reporting programs/mechanisms in place in some.
    - ....but not so widely conducted/reported
  
  - ❑ Need to establish data management mechanism at national level and converge on indicators, data collection methodologies...etc. at international level to ensure effective implementation of actions to achieve global ambition.

# Key findings: Measures across value chain

## Upstream

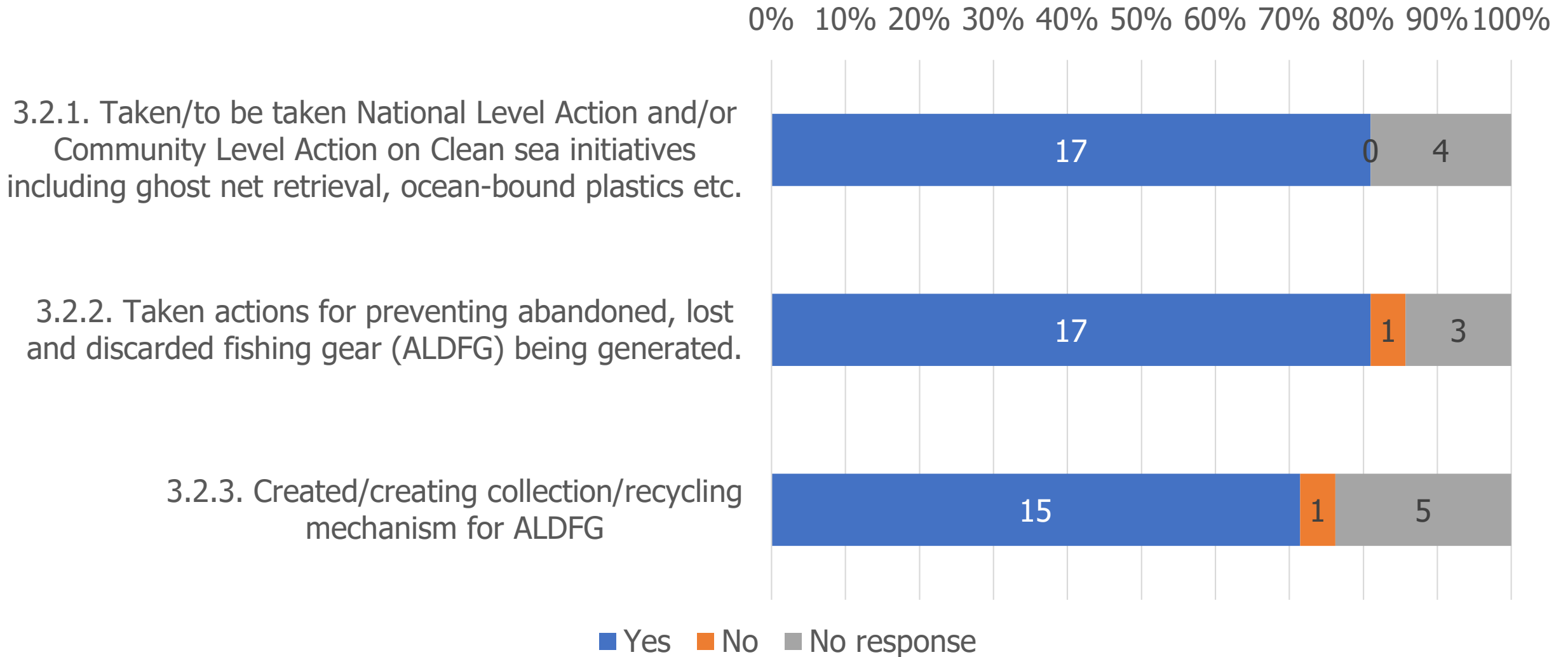
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## Downstream

■ Yes ■ In preparation ■ No ■ No response

# Key findings: Product Specific Measures: ALDFG



# Key findings: Partnerships and Innovation

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

3.3.1. Boost multi-stakeholder involvement and awareness-raising



3.3.2. Encourage/ Incentivize action by private sector companies to reduce/ sustainably manage their plastic waste.



3.3.3. Encourage public awareness on MPL issues through formal education system and/or curriculum for



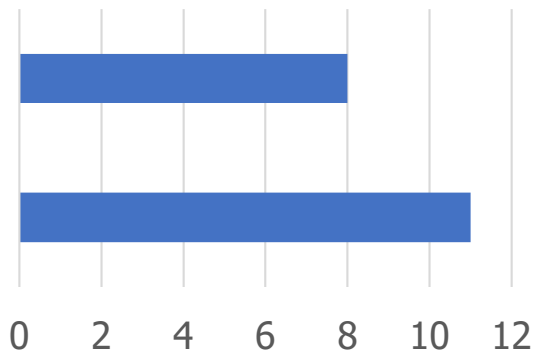
3.3.4. Promote innovative solutions through Research & Development (e.g., subsidy program, investment fund etc.)



■ Yes ■ No ■ No response

## Modes of partnership Strategies

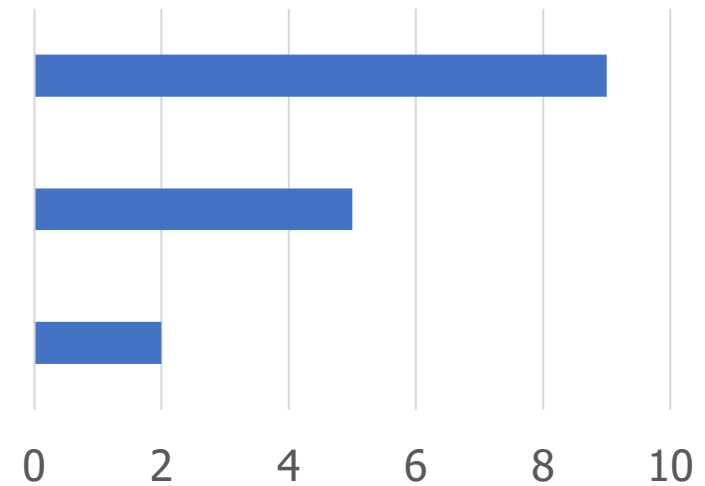
Awareness raising



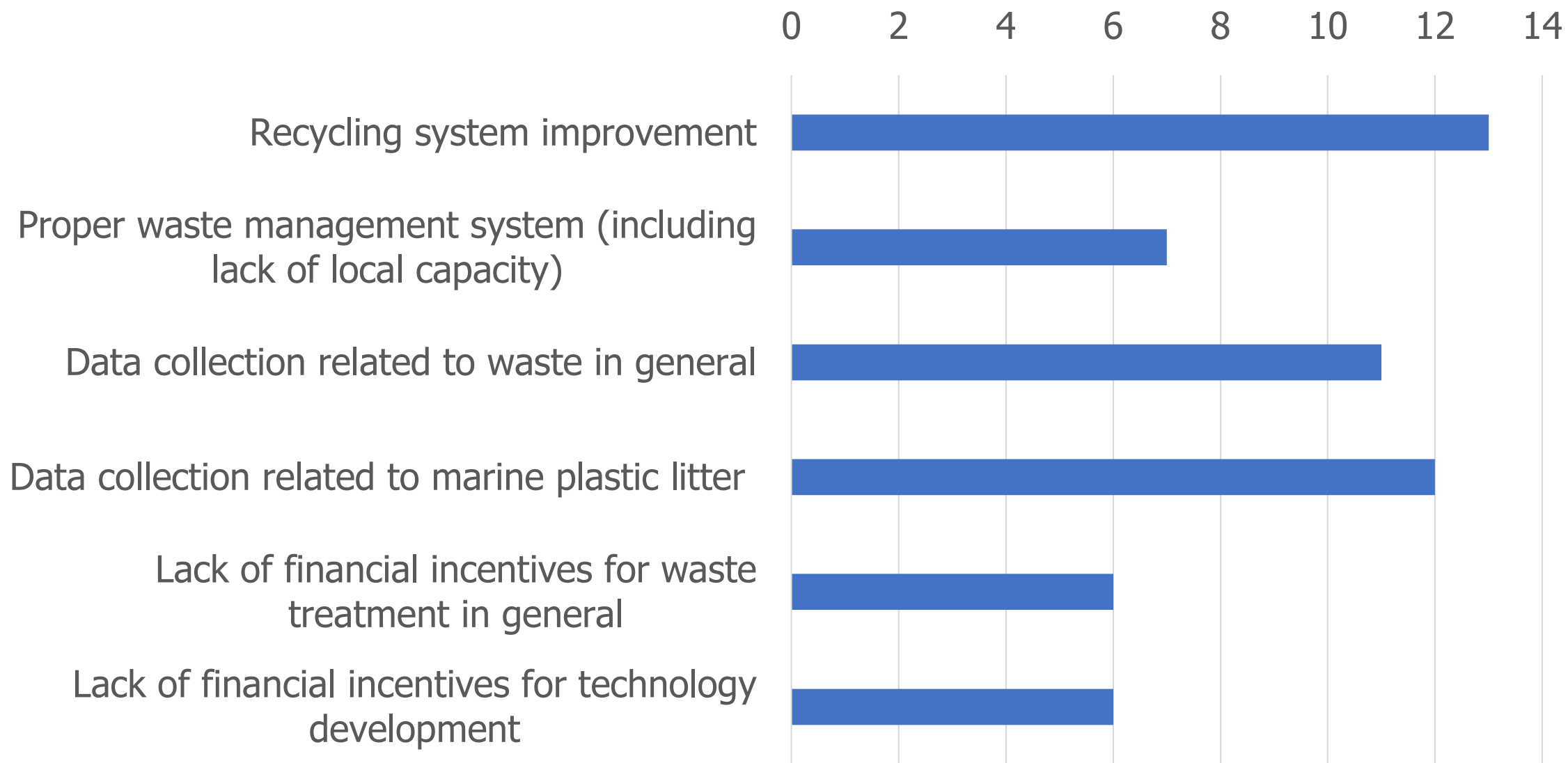
R&D on alternatives and recycling

Research on plastics in coasts and sea








Research on plastics in rivers



## Key findings: Challenges



# Examples of newly reported efforts

<p><b>Indonesia</b> <b>Subnational Policies</b></p> <p>Two provincial governments and 112 district/city governments have established policies on restricting / banning single-use plastics.</p> 	<p><b>Canada</b> <b>Legislation</b></p> <p>Federal Plastics Registry (2024)</p> <p><b>Roadmap</b></p> <p>Draft roadmap for reduction of plastic waste and pollution from the textile and apparel sector</p> 	<p><b>Spain</b> <b>Research Grants</b></p> <p>Competitive grants is established under Spain's Recovery, Transformation and Resilience Plan with the aim of advancing CE in textile, fashion and plastics sector through improved circularity of industrial and business processes.</p> 
<p><b>Norway</b> <b>National Action Plan</b></p> <p>Norwegian Circular Economy Action Plan launched in March 2024 contains measures on plastics including EPR on SUP and plastic products in fishing and aquaculture.</p> <p><b>Private Sector Engagement</b></p> <p>Plastic partnership with business &amp; industry for commitment on SUP reduction and reporting.</p> 	<p><b>South Africa</b> <b>Extended Producer Responsibility</b></p> <p>EPR Regulations targeting electrical. Electronic, lighting, paper, packaging and certain SUP is in place,. The scheme recognizes the role of waste pickers in collecting recyclables, and will assist in integrating them into the waste management system.</p> 	<p><b>Japan</b> <b>National Action Plan</b></p> <p>The 5th Fundamental Plan for Establishing a Sound Material-Cycle Society developed.</p> <p><b>Legal Framework</b></p> <p>Act Concerning Sophistication of Recycling Business, etc. to Promote Resource Circulation.</p> <p><b>Monitoring and Data Management</b></p> <p>AOMI – microplastics global database launched</p> 
<p><b>Türkiye</b> <b>Monitoring and Reporting</b></p> <p>Developed a monitoring strategy by adopting an integrated and ecosystem-based monitoring approach for Turkish seas and coasts, namely "Integrated Marine Pollution Monitoring Program (DEN-IZ). A new monitoring component targeting floating litter to be continued in 2024.</p> 	<p><b>USA</b> <b>Political Commitment/Strategy</b></p> <p>Announced its commitment to phase-out federal procurement of single-use plastics from food service operations, events and packaging by 2027, and from all federal operations by 2035, also releasing the first comprehensive, government-wide strategy "Mobilizing Federal Action on Plastic Pollution: Progress, Principles, and Priorities".</p> 	<p><b>European Union</b> <b>ALDFG legislation</b></p> <p>EU Regulation (EC) No 1224/2009 updated. EU Member States must collect and record &amp; report the information on and the measures against lost gear to the EC on request.</p> <p><b>Eco-design legislation</b></p> <p>Ecodesign for Sustainable Products Regulation entered into force in July 2024.</p> 

# Implications for Global Monitoring and Reporting Mech.

## Conclusions

- ❑ Policy Frameworks: Developed in most countries
- ❑ Actions: countries are already taking measures across value chain.
- ❑ Indicators & targets: adopted in many countries but in a varying degree, using different metrics and indicators.
- ❑ Harmonized metrics can support better assessment and decisions but...
- ❑ Data: knowledge gap remains...

## Challenges faced

- ❑ Lack of quantitative data .... evidence
- ❑ Reported information varied in volume and quality
- ❑ Difficulty: Comparability of data, tracking changes overtime
- ❑ Data availability (generation at local level)
- ❑ Mechanism for Data reporting and sharing (vertical: local-national, horizontal: across ministries)
- ❑ Survey structure

# The 7th G20 MPL Report



- **First edition** expected at G20 Env. & Climate Sustainability Min. Mtg. in Oct.
- We invite additional country submissions for an **updated report**.



<https://g20mpl.org/>

*Country Information available online*

Recent Event and Report  
28 July 2023, G20  
"G20 Report on Actions against Marine Plastic Litter: Fifth Information Sharing based on the G20 Implementation Framework" is newly published in July 2023.

The 5th edition of the G20 Report on Actions Against Marine Plastic Litter is based on the "G20 Implementation Framework for Actions on Ma..."

read more

\*Country information below is based on the Fourth Report, and will be updated soon based on the Fifth Report newly published in 28 July 2023.

Grid of country flags including: Australia, Canada, China, EU, France, Germany, India, Indonesia, Italy, Japan, Korea, Mexico, Norway, Philippines, South Africa, South Korea, Taiwan, Thailand, UK, USA, Vietnam, etc.

Osaka Blue Ocean Vision  
Japan  
Last Update: 2022/11/15

### 1 Policy framework

National Action Plan

Japan

Do you have a National Action Plan or strategies on MPL?

Yes: National Action Plan for Marine Plastic Litter (formulated in 2022)

Brief description: In May 2022, the "National Action Plan for Marine Plastic Litter" was formulated. The action plan listed effective countermeasures to reduce waste and additional policies from plastic in the following eight fields: ① Beach waste management system, ② Prevention of littering, illegal dumping and uncontrolled leakage of waste into the ocean, ③ Collection of scattered waste on land, ④ Innovation in development of eco-consumption to alternative materials, ⑤ Removal of plastic litter from the ocean, ⑥ R&D on marine environment and awareness raising, ⑦ Sharing scientific information and knowledge R&D and Monitoring, and ⑧ International cooperation.

Legal framework

Do you have legislation on MPL? (excluding waste management and circular economy)

- ① Waste Management and Public Cleaning Act

Brief description: The Act defines to prevent littering and improve public health through waste generation control and appropriate waste treatment. Under the Waste Management and Public Cleaning Act, municipalities are obliged to formulate a beach waste management plan. In accordance with the national policy, the plan formulated by municipalities is required to show specific methods and target figures such as "reduction of residues per capita", "recovery rate of resources from waste", and "reduction of waste for final disposal", as well as target values for cost efficiency of waste treatment.

Osaka Blue Ocean Vision  
the Republic of South Africa  
Last Update: 2024/09/30

### 1 Policy Framework

National Action Plan

South Africa

Do you have a National Action Plan or strategies on MPL?

Yes: National Waste Management Strategy (2020)

Brief description: The national waste management strategy (NWMS) is to provide government's policy and strategic interventions for the waste sector. The strategy advocates the concept of a circular economy,

# Call for inputs for 2025 edition

## < Implementation Framework for Actions on Marine Plastic Litter >

### Format for the 6<sup>th</sup> Information-Sharing Report

#### FOR: Countries

##### Notes

\*Please copy and paste the entry field (example: "Name (Year)" and "Brief Description") if you have multiple responses for each question.

\*For each action reported, please...

- clarify the scale at which the activity is implemented (national, provincial, local...etc.), and the leading implementing actor(s): national government, local government, private sector...etc. to the best possible extent.
- be mindful of the different policy approaches employed.

\*See a country case for Brazil/Japan as an example of how countries may respond to each question.

<b>1. Name of country:</b>	
<b>2. Policy framework:</b>	
<b>2.1 National Action Plan</b>	
Do you have a National Action Plan or strategy on MPL? Please choose one.	
<input type="checkbox"/> Yes	
Please provide the name of your action plan or strategy with a brief description here:	
Name (Year):	
Brief description:	
<input type="checkbox"/> In preparation	
Please provide the name of your action plan or strategy in preparation with a brief description here:	
Name:	

We look forward to your active participation!

Targets (if any):	
Brief description:	
<b>3. Measures:</b>	
Please choose one to indicate whether your country implements the following measures	
<b>3.1. Measures across Value Chain</b>	
3.1.1. Actions for encouraging sustainable / circular product design (example: improved durability, reparability, recyclability, reduction of material use per product...etc.)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Specific Measures:	
3.1.2. Policy actions for encouraging plastic alternatives, recycled materials at production stage.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Specific Measures:	
<input type="checkbox"/> Use of biodegradable plastics	
<input type="checkbox"/> Use of recycled materials	
<input type="checkbox"/> Closed-loop recycling	
Others:	

Contact us at: [g20mpl@iges.or.jp](mailto:g20mpl@iges.or.jp)



**Thank you for your attention!**