

11th Regional 3R and Circular Economy Forum in Asia and the Pacific

“Integrating Circular Economy in Major Development Sectors towards Achieving Zero Waste Societies and the SDGs”

8-10 February 2023, Siem Reap, Kingdom of Cambodia

Country Report

(Draft)

< Republic of the Philippines >

This country report was prepared by the Government of Republic of the Philippines as an input for the 11th Regional 3R and Circular Economy Forum in Asia and the Pacific. The views expressed herein do not necessarily reflect the views of the United Nations.

Country 3R Progress Report

Name of the Country: Republic of the Philippines

Name of Respondent: Engr. Jean C. Borromeo

Designation: OIC-Environmental Monitoring and Enforcement
Division

Organization: Department of Environment and natural Resources
Environmental Management Bureau-National Capital Region

Other Ministries, Organizations, Agencies contributing to
Country Report:

Timeline of Submission: **15 January 2023**

(Email: 3R@uncrd.or.jp)

*Progress and achievements towards implementation of the Ha Noi 3R Declaration
-Sustainable 3R Goals for Asia and the Pacific (2013-2023)-*

With the objective of demonstrating renewed interests and commitments of Asia-Pacific countries towards realizing a resource efficient society, the Fourth Regional 3R Forum in Asia-Pacific in 2013 adopted the good-will and legally non-binding “***Ha Noi 3R Declaration – Sustainable 3R Goals for Asia and the Pacific 2013-23.***” The objective of the Country Reporting is to share among international community with various initiatives launched and efforts made (such as new policy instruments, legislations, regulations, institutional arrangements, investments or financing, technological innovation or intervention, partnership mechanisms, such as PPPs, etc.) by the member countries of the Forum in addressing each of the underlined goals of the Ha Noi 3R Declaration. This would help the member countries to share various best practices in 3R and resource efficiency areas across the region. In addition, it would also help bi-lateral and multi-lateral development agencies, donors, development banks in assessing the sustainable needs and challenges of those countries to better plan their existing as well as future capacity building programmes and technical assistance in the areas of 3Rs and sustainable waste management.

With the cooperation of other related ministries, organization and agencies, we request you to kindly fill in the below table as much as possible with relevant data/information. If additional spaces are required, separate sheets could be attached.

Thank you very much for your kind cooperation.

Secretariat of the Regional 3R and Circular Economy Forum in Asia and the Pacific
United Nations Centre for Regional Development (UNCRD)
Email: 3R@uncrd.or.jp

I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)

Goal 1	Significant reduction in the quantity of municipal solid waste generated, by instituting policies, programmes, and projects at national and local levels, encouraging both producers and consumers to reduce the waste through greening production, greening lifestyle, and sustainable consumption.
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Q-1 What specific 3R policies, programmes and projects, are implemented to reduce the quantity of municipal solid waste?

Republic Act No. 9003 or the Ecological Solid Waste Management (ESWM) Act of 2000 provides the national policy in implementing the ESWM in the Philippines, including the development and implementation of the Ten Year SWM Plans of the local government units (LGUs) with emphasis on the 3Rs, recycling, composting and other resource recovery activities.

Just recently, Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 has lapsed into law, that aims to institutionalize the extended producer responsibility mechanism as a practical approach to efficient waste management, focusing on waste reduction, recovery and recycling, and the development of environment-friendly products that advocate the internationally accepted principles on sustainable consumption and production, circular economy, and producers' full responsibility through the life cycle of their product.

Q-2 What is the level of participation of households in “source” segregation of municipal waste streams? (Please check the appropriate box)

- Very High (> 90%)
- High (>70%)
- Average (50~70%)
- Low or not satisfactory (< 50%)
- Does not exist

No national data on the level of participation of households on source segregation.

Q-3 Total annual government expenditure per capita (US\$ per capita) in municipal solid waste management in 2014-2015

GJ

Challenges (policy/ institutional/ technological/ financial) faced in implementation:

Policy

Policy gaps identified in the implementation of SWM includes:

- a. Policy for organizational support structures (e.g DepEd/DOE membership in the National Solid Waste Management Commission, mandatory creation of local ENR Offices, delineation of P/CENRO roles and capacitation of LGUs);
- b. Segregation, collection, transfer and transport systems (e.g. general equipment, contracts, hauler accreditation guidelines, informal sector);
- c. Waste diversion (e.g. WACS; drop-off facilities, MRF functions as TSD facility and its competition with junkshops);
- d. Residual waste management (e.g. clarification of Residuals Containment Area);
- e. Special Handling of other types of wastes (e.g. demolition/construction, food waste

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donation, confiscated food (imported/local);

Institutional

There is a need to strengthen the commitment of internal and external stakeholders and increase their capacities to effectively respond to the clients' needs.

1. *Up to now, the creation of the Environment and Natural Resources Office (ENRO) is still optional at the local level;*
2. *At the national level, still the National Solid Waste Management Commission (NSWMC) is not yet operating under the Office of the President and the appropriations mentioned in RA 9003 for the initial operating expenses of the Commission and the National Ecology Center (NEC) as well as the expenses of the local government units to carry out the mandate of the law, in the amount of Twenty Million pesos (Php 20,000,000.00) was never granted.*

Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant

1. ***Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000***
<https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf>
2. ***DENR Administrative Order No. 2001-34***
<https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf>
3. ***Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022***
https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf
4. ***NSWMC Resolution Declaring the Plastic Softdrink Straw and Plastic Coffee Stirrer as Non-Environmentally Acceptable Products***
<https://drive.google.com/drive/folders/Ito7MMN6yaMM4BA6WBqFwYSeJ7ROEROYu>
5. ***National Plan of Action for the Prevention, Reduction and Management of Marine Litter***
https://drive.google.com/drive/folders/1gETAFexk5jWRumNqCHJL2jQWDI_VI4w4
6. ***National Solid Waste Management Strategy***
<https://nswmc.emb.gov.ph/wp-content/uploads/2016/07/NSWM-Strategy-2012-2016.pdf>
7. ***UN HABITAT Healthy Oceans and Clean Cities Initiatives***
<http://unhabitat.org/ph/wp-content/uploads/2021/02/UNH-PH-2021-Brochure-Healthy-Oceans-and-Clean-Cities-Initiative.pdf>

Important policies/programmes/projects/master plans the government plans to undertake within the next five years

1. ***Philippine Development Plan 2023-2028***
<https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/>
2. ***Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000***

I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)	
Goal 1	<p>Significant reduction in the quantity of municipal solid waste generated, by instituting policies, programmes, and projects at national and local levels, encouraging both producers and consumers to reduce the waste through greening production, greening lifestyle, and sustainable consumption.</p> <p>https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf</p> <p>3. <i>DENR Administrative Order No. 2001-34</i> https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf</p> <p>4. <i>Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022</i> https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf</p> <p>5. <i>National Plan of Action for the Prevention, Reduction and Management of Marine Litter</i> https://drive.google.com/drive/folders/1gETAFexk5jWRumNqCHJL2jOWDI_VI4w4</p>
<p><i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)	
Goal 2	Full-scale utilization of the organic component of municipal waste, including food waste, as a valuable resource, thereby achieving multiple benefits such as the reduction of waste flows to final disposal sites, reduction of GHG emission, improvement in resource efficiency, energy recovery, and employment creation.
Q-1 Does the central government have policies or support to utilize or reduce the organic waste such as composting, energy recovery and improving efficiency in food processing?	
Yes.	
Q-2 What is happening to country's organic waste? (Please check the appropriate box)	
<input checked="" type="checkbox"/> mostly landfilled <input type="checkbox"/> mostly incinerated <input type="checkbox"/> both landfilled and incinerated <input type="checkbox"/> mostly open dumped or open burned	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
<p><i>Policy</i></p> <ul style="list-style-type: none"> •Need to harmonize the local with national policies; <p><i>Institutional</i></p> <ul style="list-style-type: none"> •The implementation of SWM is a primary responsibility of the LGUs. But the establishment of the local Environment and Natural Resources Office (ENRO) is optional. <p><i>Technological</i></p> <ul style="list-style-type: none"> •Not all LGUs have the capacity to avail of necessary technologies for the processing of biodegradable wastes; •On the other hand, most LGUs provided with SWM equipment for the processing of biodegradable wastes have no adequate resources to operate it (i.e. absence of appropriate electricity supply/line) <p><i>Financial</i></p> <ul style="list-style-type: none"> •Not all LGUs have the financial capability to fully implement the management of biodegradable wastes. 	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
<ol style="list-style-type: none"> 1. National Solid Waste Management Strategy https://nswmc.emb.gov.ph/wp-content/uploads/2016/07/NSWM-Strategy-2012-2016.pdf 2. National Plan of Action for the Prevention, Reduction and Management of Marine Litter https://drive.google.com/drive/folders/1gETAFexk5jWRumNqCHJL2jQWDI_VI4w4 	
Important policies/programmes/projects/master plans the government plans to undertake within next five years	

I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)	
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<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)

Goal 3 Achieve significant **increase in recycling rate** of recyclables (e.g., plastic, paper, metal, etc.), by introducing policies and measures, and by setting up financial mechanisms and institutional frameworks involving relevant stakeholders (e.g., producers, consumers, recycling industry, users of recycled materials, etc.) and development of modern recycling industry.

Q-1 What is the recycling rate of various recyclables? (Please check the appropriate cell & add more waste streams as relevant for the country)

Rate Type	Very High (>90%)	High (>70%)	Average (50~60%)	Poor (<50%)	Recycling does not exist	Definition of recycling rate*
Paper						
Plastic						
Metal						
Construction waste						
e-waste						
others						

*Note: Please specify in the cell which of the following definitions (ie., 1 or 2 or 3) is followed for recycling rate

Definition 1: (collected recyclable waste)/(estimated generation of waste)

Definition 2: (volume of utilized recyclable waste)/(volume of raw material)

Definition 3: (volume of utilized recyclable waste)/(volume of collected waste for recycling)

No national data.

Q-2 What specific policies are introduced at local and national level for prevention or reduction of waste streams – paper, plastic, metal, construction waste, e-waste?

- 1. Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000**
<https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf>
- 2. DENR Administrative Order No. 2001-34**
<https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf>
- 3. Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022**
https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf

Q-3 What is the rate of resource recovery from various waste streams?

Rate Type	Very High (>90%)	High (>70%)	Average (50~60%)	Poor (<50%)	Recycling does not exist
Paper					
Plastic					
Metal					
Construction waste					
e-waste					

(Please check the appropriate cell & add more waste streams as relevant for the country)

No national data.

Q-4 What is the level of existence of resource recovery facilities/ infrastructures in cities?

Level Type	Every Major City	Few Major Cities only	Does not exist	Supportive policy or programmes	No supportive policy or programmes

				exists	
Paper					
Plastic					
Metal					
Construction waste					
e-waste					

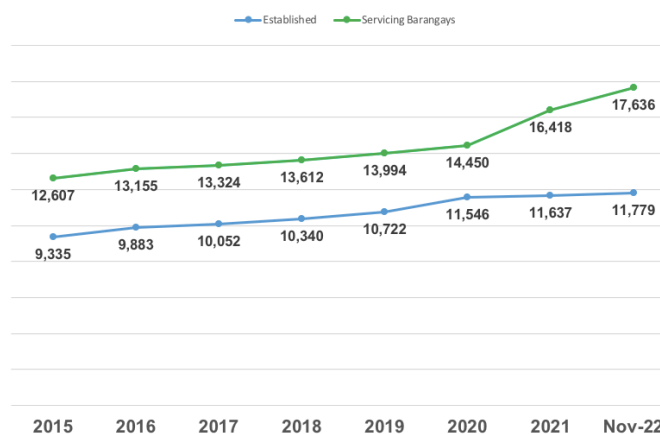
There is no specific data on the level of existence of MRF per type of wastes. But based on the national data, the country has 11, 779 MRFs servicing 17,636 barangays which is 45% of the barangays in the country.

SOLID WASTE MANAGEMENT

Where are we now in the management of Solid Wastes?

• Materials Recovery Facility (MRF)

✓ **11,779 MRFs**
established
servicing **17,636**
or 45% of the
total barangays
nationwide.



I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)

Goal 3 Achieve significant **increase in recycling rate** of recyclables (e.g., plastic, paper, metal, etc.), by introducing policies and measures, and by setting up financial mechanisms and institutional frameworks involving relevant stakeholders (e.g., producers, consumers, recycling industry, users of recycled materials, etc.) and development of modern recycling industry.

Challenges (policy/ institutional/ technological/ financial) faced in implementation:

1. Absence of comprehensive national data on the recovery of waste and recycling rate.

Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant

1. **Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000**
<https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf>
2. **DENR Administrative Order No. 2001-34**
<https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf>
3. **Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022**
https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf
4. **JICA Recycling Study 2008** <https://openjicareport.jica.go.jp/pdf/11882396.pdf>

Important policies/programmes/projects/master plans the government plans to undertake within next five years

1. **Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000**
<https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf>
2. **DENR Administrative Order No. 2001-34**
<https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf>
3. **Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022**
https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf

Is this Goal relevant for your country? Highly Partially Not at all

I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)	
Goal 4	Build sustainable cities /green cities by encouraging “zero waste” through sound policies, strategies, institutional mechanisms, and multi - stakeholder partnerships (giving specific importance to private sector involvement) with a primary goal of waste minimization
Q-1 What specific waste management policies and programmes are introduced to encourage private sector participation in municipal waste management?	
<ol style="list-style-type: none"> Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf DENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf 	
Q-2 What are the major waste management areas that have strong involvement of private and business sector? (Please check appropriate boxes and add other areas if not listed below)	
<input checked="" type="checkbox"/> waste collection <input type="checkbox"/> resource recovery <input checked="" type="checkbox"/> waste recycling <input type="checkbox"/> waste to energy, composting, etc. <input checked="" type="checkbox"/> PPP projects in waste sector	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
<p><i>Policy</i></p> <ul style="list-style-type: none"> •Need to harmonize the local with national policies; <p><i>Institutional</i></p> <ul style="list-style-type: none"> •The implementation of SWM is a primary responsibility of the local government units. But the establishment of the local Environment and Natural Resources Office is optional. <p><i>Financial</i></p> <ul style="list-style-type: none"> •Not all LGUs have the financial capability to fully implement their solid waste management program. <p><i>Political Will</i></p> <ul style="list-style-type: none"> •Need for stronger political will at the local and national level 	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
<ol style="list-style-type: none"> Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf DENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf NSWMC Resolution Declaring the Plastic Softdrink Straw and Plastic Coffee Stirrer 	

I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)	
Goal 4	<p>Build sustainable cities /green cities by encouraging “zero waste” through sound policies, strategies, institutional mechanisms, and multi - stakeholder partnerships (giving specific importance to private sector involvement) with a primary goal of waste minimization</p> <p><i>as Non-Environmentally Acceptable Products</i> https://drive.google.com/drive/folders/1to7MMN6yaMM4BA6WBqFwYSeJ7ROEROY_u</p> <p>5. <i>National Plan of Action for the Prevention, Reduction and Management of Marine Litter</i> https://drive.google.com/drive/folders/1gETAfexk5jWRumNqCHJL2jOWDI_VI4w4</p> <p>6. <i>National Solid Waste Management Strategy</i> https://nswmc.emb.gov.ph/wp-content/uploads/2016/07/NSWM-Strategy-2012-2016.pdf</p>
<p><i>Important policies/programmes/projects/master plans the government plans to undertake within next five years</i></p> <p>1. <i>Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000</i> https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf</p> <p>2. <i>DENR Administrative Order No. 2001-34</i> https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf</p> <p>3. <i>Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022</i> https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf</p> <p>4. <i>NSWMC Resolution Declaring the Plastic Softdrink Straw and Plastic Coffee Stirrer as Non-Environmentally Acceptable Products</i> https://drive.google.com/drive/folders/1to7MMN6yaMM4BA6WBqFwYSeJ7ROEROY_u</p> <p>5. <i>National Plan of Action for the Prevention, Reduction and Management of Marine Litter</i> https://drive.google.com/drive/folders/1gETAfexk5jWRumNqCHJL2jOWDI_VI4w4</p> <p>6. <i>National Solid Waste Management Strategy</i> https://nswmc.emb.gov.ph/wp-content/uploads/2016/07/NSWM-Strategy-2012-2016.pdf</p>	
<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

I. 3R Goals in Urban/Industrial Areas (3Rs in Industrial waste)	
Goal 5	Encourage the private sector , including small-and medium-sized enterprises (SMEs) to implement measures to increase resource efficiency and productivity , creation of decent work and to improve environmentally-friendly practices through applying environmental standards, clean technologies, and cleaner production.
Q-1 What are the major clean technology related policies aiming to increase energy and resource efficiency of SMEs?	
<p>1. Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf encourage MSME to implement EPR Program.</p>	
Q-2 What are the capacity building programmes currently in place to build the technical capacity of SMEs in 3R areas?	
Capacity Building on EPR to be conducted in 2023 onwards.	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
Absence of adequate resources (permanent manpower, IT, budget) to implement the EPR Program at the national level;	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
<p>1. Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf encourage MSME to implement EPR Program.</p>	
Important policies/programmes/projects/master plans the government plans to undertake within next five years	
<p>1. Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf encourage MSME to implement EPR Program.</p>	
Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

I. 3R Goals in Urban/Industrial Areas (3Rs in Industrial waste)	
Goal 6	Promote the greening of the value chain by encouraging industries and associated suppliers and vendors in socially responsible and inclusive ways.
<p><i>Q-1 What percent of companies and industries have introduced green accounting and voluntary environmental performance evaluation (Ref: ISO 14000)?</i></p> <p><input type="checkbox"/> Very High (> 90%) <input type="checkbox"/> High (>70%) <input type="checkbox"/> Average (50~70%) <input type="checkbox"/> Low or not satisfactory (< 50%) <input type="checkbox"/> None</p> <p><i>No data.</i></p> <p><i>Q-2 What percent of companies and industries have introduced social accounting (Ref: SA 8000) in consultation with their workers?</i></p> <p><input type="checkbox"/> Very High (> 90%) <input type="checkbox"/> High (>70%) <input type="checkbox"/> Average (50~70%) <input type="checkbox"/> Low or not satisfactory (< 50%) <input type="checkbox"/> None</p> <p><i>No data.</i></p> <p><i>Q 3 Does government have a programme for promoting greening of the value chain? What specific policies, programmes and incentives are introduced to promote greening of value chain?</i></p> <p>Green Choice Philippines Eco-labelling Program https://pcepsdi.org.ph/</p>	
<p><i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i></p> <p>Eco-labelling is not mandatory.</p>	
<p><i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i></p> <ol style="list-style-type: none"> Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/ Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf DENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf 	

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<p>4. <i>Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022</i> https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf</p> <p>5. <i>National Plan of Action for the Prevention, Reduction and Management of Marine Litter</i> https://drive.google.com/drive/folders/1gETAfexk5jWRumNqCHJL2jQWDI_VI4w4</p>	
<p><i>Important policies/programmes/projects/master plans the government plans to undertake within next five years</i></p> <p>1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/</p> <p>2. <i>Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000</i> https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf</p> <p>3. <i>DENR Administrative Order No. 2001-34</i> https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf</p> <p>4. <i>Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022</i> https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf</p> <p>5. <i>National Plan of Action for the Prevention, Reduction and Management of Marine Litter</i> https://drive.google.com/drive/folders/1gETAfexk5jWRumNqCHJL2jQWDI_VI4w4</p>	
<p><i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

I. 3R Goals in Urban/Industrial Areas (3Rs in Industrial waste)	
Goal 7	Promote industrial symbiosis (i.e., recycling of waste from one industry as a resource for another), by providing relevant incentives and support.
<p>Q-1 Does your government have policies and programmes promoting industrial symbiosis in industrial parks or zones? What specific policies, programmes and incentives are introduced to promote industrial symbiosis?</p> <p><i>More of a private initiative: the Industry Waste Exchange Program (IWEP)</i> https://www.eria.org/uploads/media/Research-Project-Report/RPR_FY2008_6-1_Chapter_8.pdf</p> <p>Q-2 How many eco-industrial parks or zones or the like, which is supported by the government, are there in the country?</p> <p>No data.</p>	
<p>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</p> <p><i>More of a private initiative</i></p>	
<p>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</p> <p>1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/</p>	
<p>Important policies/programmes/projects/master plans the government plans to undertake within next five years</p> <p>1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/</p>	
<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

I. 3R Goals in Urban/Industrial Areas (3Rs in Industrial waste)	
Goal 8	Build local capacity of both current and future practitioners, to enable the private sector (including SMEs) to obtain the necessary knowledge and technical skills to foster green industry and create decent, productive work.
<i>Q-1 How many dedicated training facilities or centers are there to cater the needs of SMEs and practitioners in the areas of cleaner production, resource efficiency and environment-friendly technologies, etc.?</i>	
No data.	
<i>Q-2 Please provide an indicative figure on annual government (US \$) expenditure on building technical capacity of SMEs and practitioners in the areas of cleaner production, resource efficiency and environment-friendly technologies, etc.?</i>	
No data.	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of system in data collection on this goal.	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<ol style="list-style-type: none"> 1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/ 2. Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf 3. DENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf 4. Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf 5. National Plan of Action for the Prevention, Reduction and Management of Marine Litter https://drive.google.com/drive/folders/1gETAFexk5jWRumNqCHJL2jOWDI_VI4w4 	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years</i>	
<ol style="list-style-type: none"> 1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/ 2. Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf 	

I. 3R Goals in Urban/Industrial Areas (3Rs in Industrial waste)	
Goal 8	Build local capacity of both current and future practitioners, to enable the private sector (including SMEs) to obtain the necessary knowledge and technical skills to foster green industry and create decent, productive work.
	<p>3. <i>DENR Administrative Order No. 2001-34</i> https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf</p> <p>4. <i>Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022</i> https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf</p> <p>5. <i>National Plan of Action for the Prevention, Reduction and Management of Marine Litter</i> https://drive.google.com/drive/folders/1gETAfexk5jWRumNqCHJL2jOWDI_VI4w4</p>
<p><i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

I. 3R Goals in Urban/Industrial Areas (3Rs in Industrial waste)	
Goal 9	Develop proper classification and inventory of hazardous waste as a prerequisite towards sound management of such waste.
Q-1 Is there a systematic classification of hazardous waste? If so, please attach.	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No DAO 2013-22 or the Revised Procedures and Standards for the Management of Hazardous Wastes (revising DAO 2004-36) https://emb.gov.ph/wp-content/uploads/2018/06/dao-2013-22.pdf	
Q-2 What specific rules and regulations are introduced to separate, store, treat, transportation and disposal of hazardous waste?	
1. Republic Act 6969 or the Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 https://www.officialgazette.gov.ph/1990/10/26/republic-act-no-6969/ 2. DAO 2013-22 or the Revised Procedures and Standards for the Management of Hazardous Wastes (revising DAO 2004-36) https://emb.gov.ph/wp-content/uploads/2018/06/dao-2013-22.pdf	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
Enforcement at the local level	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
1. Republic Act 6969 or the Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 https://www.officialgazette.gov.ph/1990/10/26/republic-act-no-6969/ 2. DAO 2013-22 or the Revised Procedures and Standards for the Management of Hazardous Wastes (revising DAO 2004-36) https://emb.gov.ph/wp-content/uploads/2018/06/dao-2013-22.pdf	
Important policies/programmes/projects/master plans the government plans to undertake within next five years	
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Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

II. 3R Goals in Rural Areas	
Goal 10	Reduce losses in the overall food supply chain (production, post harvesting and storage, processing and packaging, distribution), leading to reduction of waste while increasing the quantity and improving the quality of products reaching consumers.
Q-1 What specific policies, rules and regulations, including awareness programmes, are introduced to minimize food or crop waste?	
<ol style="list-style-type: none">Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdfDENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdfNSWMC Strategy.	
Q-2 Is there any continuing education services or awareness programmes for the farmers or agricultural marketing associations on reduction of crop wastes for increased food security?	
<i>No data.</i>	
Q-3 What is the average wastage of crops or agricultural produce between farms to consumers, if there is a study in your country?	
<input type="checkbox"/> Very High (> 20~ 30%) <input type="checkbox"/> High (10~20%) <input type="checkbox"/> Medium (5~10%) <input type="checkbox"/> Low (< 5%) <input type="checkbox"/> Negligible (<1%)	
<i>No data.</i>	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
System on data gathering.	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/	
Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf	
DENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf	
Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf	
National Plan of Action for the Prevention, Reduction and Management of Marine Litter https://drive.google.com/drive/folders/1gETAFexk5jWRumNqCHJL2jQWDI_VI4w4	

II. 3R Goals in Rural Areas	
Goal 10	Reduce losses in the overall food supply chain (production, post harvesting and storage, processing and packaging, distribution), leading to reduction of waste while increasing the quantity and improving the quality of products reaching consumers.
<p><i>Important policies/programmes/projects/master plans the government plans to undertake within next five years</i></p> <ol style="list-style-type: none"> 1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/ 2. Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf 3. DENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf 4. Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf 5. National Plan of Action for the Prevention, Reduction and Management of Marine Litter https://drive.google.com/drive/folders/1gETAfexk5jWRumNqCHJL2jOWDI_VI4w4 	
<p><i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

II. 3R Goals in Rural Areas	
Goal 11	Promote full scale use of agricultural biomass waste and livestock waste through reuse and/or recycle measures as appropriate, to achieve a number of co - benefits including GHG emission reduction, energy security, sustainable livelihoods in rural areas and poverty reduction, among others.
<p>Q-1 How much amount of – (a) agricultural biomass waste and (b) livestock waste are grossly generated per annum?</p> <p><i>No data.</i></p> <p>Q-2 How are most of the agricultural biomass wastes utilized or treated? (Please <u>check all appropriate boxes</u>)</p> <p><input type="checkbox"/> as secondary raw material input (for paper, bioplastic, furniture, etc.)</p> <p><input type="checkbox"/> biogas/electricity generation</p> <p><input type="checkbox"/> composts/fertilizers</p> <p><input type="checkbox"/> mostly left unutilized or open dumped</p> <p><input type="checkbox"/> mostly open burned</p> <p><i>No data.</i></p>	

II. 3R Goals in Rural Areas											
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<p><i>Q-3 What specific policies, guidelines, and technologies are introduced for efficient utilization of agricultural biomass waste and livestock waste as a secondary material inputs towards full scale economic benefits? Relevant websites could be shared for additional information.</i></p> <p><i>Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000</i> https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf</p> <table border="0"> <tr> <td style="text-align: center;"><i>DENR</i></td> <td style="text-align: center;"><i>Administrative</i></td> <td style="text-align: center;"><i>Order</i></td> <td style="text-align: center;"><i>No.</i></td> <td style="text-align: right;"><i>2001-34</i></td> </tr> <tr> <td colspan="5">https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf</td> </tr> </table>		<i>DENR</i>	<i>Administrative</i>	<i>Order</i>	<i>No.</i>	<i>2001-34</i>	https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf				
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<p><i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i></p> <ol style="list-style-type: none"> 1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/ 2. <i>Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000</i> https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf 3. <i>DENR Administrative Order No. 2001-34</i> https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf 4. <i>Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022</i> https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf 5. <i>National Plan of Action for the Prevention, Reduction and Management of Marine Litter</i> https://drive.google.com/drive/folders/1gETAfexk5jWRumNqCHJL2jOWDI_VI4w4 											
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<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

III. 3R Goals for New and Emerging Wastes	
Goal 12	Strengthen regional, national, and local efforts to address the issue of waste, in particular plastics in the marine and coastal environment.
Q-1 What specific policies and regulations are in place to address the issue of plastic wastes in coastal and marine environment?	
1. National Plan of Action for the Prevention, Reduction and Management of Marine Litter https://drive.google.com/drive/folders/1gETAfexk5jWRumNqCHJL2jQWDI_VI4w4	
Q-2 What extent issue of plastic waste is considered in integrated coastal zone management (ICZM)? (Please check the appropriate box)	
<input checked="" type="checkbox"/> Very much <input type="checkbox"/> Somehow <input type="checkbox"/> Not at all	
Q-3 Please provide a list of centre of excellences or dedicated scientific and research programmes established to address the impacts of micro-plastic particulates (<5 mm) on coastal and marine species? If yes, please provide relevant websites.	
The EMB has identified its Environmental Research and Laboratory Services Division to conduct the strategy on marine litter baselining.	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
Insufficient Resources for the conduct of the activity.	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/	
Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf	
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Important policies/programmes/projects/master plans the government plans to undertake within next five years	
1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/	

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Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

III. 3R Goals for New and Emerging Wastes

Goal 13 Ensure **environmentally-sound management of e-waste** at all stages, including collection, storage, transportation, recovery, recycling, treatment, and disposal with appropriate consideration for working conditions, including **health and safety aspects** of those involved.

Q-1 How do people usually recycle their e-waste (waste electrical and electronic equipment)?
(Please check the appropriate box in order of priority by filling in numbers like 1, 2, 3, 4,...etc., for example 1 => Highest priority)

Check if applicable	Number in priority order	
	1	Take to recycling center / resource recovery facilities
	5	Take to landfill
	2	Take to the retailer
	4	Take to local charity for re-use
	3	Take to second-hand shop for re-use
		Ship back to the manufacturer
		Ship back to the manufacturer
		Recycle in another country
	6	Do not know how people dispose

Q-2 What specific policies and regulations are in place to ensure health and safety aspects of those involved in e-waste management (handling/sorting/resource recovery/recycling)?

1. RA 6969;
2. DAO 2013-22 Revised procedures and standards for the Management of Hazardous Wastes Revising DAO 2004-36 <https://emb.gov.ph/wp-content/uploads/2018/06/dao-2013-22.pdf>
3. WEEE Component of the UNIDO PCB-WEEE Project <https://philippines.un.org/en/91244-unido-works-protect-waste-workers-harmful-e-waste>

Q-3 How much amount of e-waste is generated and recycled per year?

Type of e-waste	Estimated total volume generated (ton/year)	% of collected by permitted recycler	% of volume recycled in collected
Television			
Computer			
Mobile phone			
Refrigerators			
Washing machines			
Air conditioners			
Others...			

Challenges (policy/ institutional/ technological/ financial) faced in implementation:

Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant

1. RA 6969;
2. DAO 2013-22 Revised procedures and standards for the Management of Hazardous Wastes Revising DAO 2004-36 <https://emb.gov.ph/wp-content/uploads/2018/06/dao-2013-22.pdf>
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III. 3R Goals for New and Emerging Wastes	
Goal 13	Ensure environmentally-sound management of e-waste at all stages, including collection, storage, transportation, recovery, recycling, treatment, and disposal with appropriate consideration for working conditions, including health and safety aspects of those involved.
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years</i>	
<ol style="list-style-type: none"> 1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/ 2. Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf 3. DENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf 4. Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf 5. National Plan of Action for the Prevention, Reduction and Management of Marine Litter https://drive.google.com/drive/folders/1gETAfExk5jWRumNqCHJL2jOWDI_VI4w4 	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

III. 3R Goals for New and Emerging Wastes	
Goal 14	Effective enforcement of established mechanisms for preventing illegal and inappropriate export and import of waste, including transit trade, especially of hazardous waste and e-waste.
<i>Q-1 What specific policies and regulations are introduced to prevent illegal import and export of e-waste?</i>	
<ol style="list-style-type: none"> 1. RA 6969; 2. DAO 2013-22 Revised procedures and standards for the Management of Hazardous Wastes Revising DAO 2004-36 https://emb.gov.ph/wp-content/uploads/2018/06/dao-2013-22.pdf 3. Basel Convention on the Transboundary Movement of Hazardous Wastes and their Disposal 	
<i>Q-2 Do you have required number of well-trained custom or other officials (for airport, sea-port, land border control, etc.) to track illegal export and import of e-waste?</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No Not sure but there are trained custom officials.	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	

III. 3R Goals for New and Emerging Wastes	
Goal 14	Effective enforcement of established mechanisms for preventing illegal and inappropriate export and import of waste, including transit trade, especially of hazardous waste and e-waste.
<ol style="list-style-type: none"> 1. RA 6969; 2. DAO 2013-22 Revised procedures and standards for the Management of Hazardous Wastes Revising DAO 2004-36 https://emb.gov.ph/wp-content/uploads/2018/06/dao-2013-22.pdf 3. Basel Convention on the Transboundary Movement of Hazardous Wastes and their Disposal 	
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<ol style="list-style-type: none"> 1. RA 6969; 2. DAO 2013-22 Revised procedures and standards for the Management of Hazardous Wastes Revising DAO 2004-36 https://emb.gov.ph/wp-content/uploads/2018/06/dao-2013-22.pdf 3. Basel Convention on the Transboundary Movement of Hazardous Wastes and their Disposal 4. WEEE Component of the UNIDO PCB-WEEE Project https://philippines.un.org/en/91244-unido-works-protect-waste-workers-harmful-e-waste 	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

III. 3R Goals for New and Emerging Wastes

Goal 15 Progressive implementation of “**extended producer responsibility (EPR)**” by encouraging producers, importers, and retailers and other relevant stakeholders to fulfill their responsibilities for collecting, recycling, and disposal of new and emerging waste streams, in particular e-waste.

Q-1 What specific Extended Product Responsibility (EPR) policies are enacted or introduced? (If there is none, then skip Q-2 below)

1. **Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022**
https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf

Q-2 Please provide a list of products and product groups targeted by EPR nationally?

1. Sachets, labels, laminates and other flexible plastic products, whether single layer or multi-layered with plastics or other materials;
2. Rigid plastic packaging products, whether layered with any other materials, which include containers for beverages, food, home, personal care and cosmetic products, including their coverings, caps, or lids and other necessities or promotional items, such as cutlery, plates, drinking straws, or sticks, tarps, signage, or labels.

Challenges (policy/ institutional/ technological/ financial) faced in implementation:

Since this is a new law, challenges include the insufficient manpower in the review and monitoring of the EPR programs of the industries.

Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant

Philippine Development Plan 2023-2028
<https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/>

Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022
https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf

National Plan of Action for the Prevention, Reduction and Management of Marine Litter
https://drive.google.com/drive/folders/1gETAFexk5jWRumNqCHJL2jQWDI_VI4w4

Important policies/programmes/projects/master plans the government plans to undertake within next five years

Philippine Development Plan 2023-2028
<https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/>

Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022
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Goal 15	Progressive implementation of “ extended producer responsibility (EPR) ” by encouraging producers, importers, and retailers and other relevant stakeholders to fulfill their responsibilities for collecting, recycling, and disposal of new and emerging waste streams, in particular e-waste.
<i>National Plan of Action for the Prevention, Reduction and Management of Marine Litter</i> https://drive.google.com/drive/folders/1gETAFexk5jWRumNqCHJL2jOWDI_VI4w4	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

III. 3R Goals for New and Emerging Wastes

Goal 16 Promote the 3R concept in health-care waste management.

Q-1 What specific policies and regulations are in place for healthcare waste management?

DAO 2013-22 Revised procedures and standards for the Management of Hazardous Wastes
Revising DAO 2004-36 <https://emb.gov.ph/wp-content/uploads/2018/06/dao-2013-22.pdf>

Q-2 What is the total annual government expenditure towards healthcare waste management (US\$ per year)?

No data.

Q-3 List the agencies or authorities responsible for healthcare waste management.

Department of Health
Department of Environment and Natural Resources-Environmental Management Bureau

Q-4 What is the common practice for disposal of healthcare wastes?

(Please check the appropriate box and add if any other practice followed)

- open dumping (untreated)
- open burning (untreated)
- ordinary landfilling (untreated)
- sanitary landfilling (treated)
- Low cost small scale incineration (do not meet air emission standards)
- Highly controlled air incineration (dedicated/modern medical waste incinerators)
- Other methods (please specify names: treatment thru disinfection, encapsulation and other non-burn technology after which they are landfilled)

Challenges (policy/ institutional/ technological/ financial) faced in implementation:

Some healthcare facilities do not have enough budget for the treatment of their generated hazardous/infectious wastes.

Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant

1. DAO 2013-22 Revised procedures and standards for the Management of Hazardous Wastes
Revising DAO 2004-36 <https://emb.gov.ph/wp-content/uploads/2018/06/dao-2013-22.pdf>
2. UNIDO-GEF-DENR Philippine Healthcare Wastes Project
<https://fasps.denr.gov.ph/index.php/component/icagenda/1106-unido-gef-denr-philippine-healthcare-waste-project-document-presentation-meeting?Itemid=101>

Important policies/programmes/projects/master plans the government plans to undertake within next five years

3. DAO 2013-22 Revised procedures and standards for the Management of Hazardous Wastes
Revising DAO 2004-36
<https://emb.gov.ph/wp-content/uploads/2018/06/dao-2013-22.pdf>
4. UNIDO-GEF-DENR Philippine Healthcare Wastes Project
<https://fasps.denr.gov.ph/index.php/component/icagenda/1106-unido-gef-denr-philippine-healthcare-waste-project-document-presentation-meeting?Itemid=101>

III. 3R Goals for New and Emerging Wastes			
Goal 16	Promote the 3R concept in health-care waste management.		
e-waste-project-document-presentation-meeting?Itemid=101			
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all			

IV. 3R Goals for Cross-cutting Issues	
Goal 17	Improve resource efficiency and resource productivity by greening jobs nation - wide in all economic and development sectors.
<i>Q-1 What specific policies and guidelines are introduced for product standard (towards quality/durability, environment/eco-friendliness, labour standard)?</i>	
No data.	
<i>Q-2 What specific energy efficiency schemes are introduced for production, manufacturing and service sector?</i>	
No data.	
<i>Q-3 What specific policies are introduced to create green jobs in product and waste sector?</i>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
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<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 18	Maximize co-benefits from waste management technologies for local air, water, oceans, and soil pollution and global climate change.
<i>Q-1 Please share how climate mitigation is addressed in waste management policies and programmes for co-benefits?</i>	
Climate change concerns were integrated in the enhancement of the draft outline for the Ten Year SWM Plans as well as in the enhanced draft LGU Solid Waste Management Self Compliance Monitoring and Auditing Report	
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IV. 3R Goals for Cross-cutting Issues

Goal 19 Enhance **national and local knowledge base and research network on the 3Rs and resource efficiency**, through facilitating effective and dynamic linkages among all stakeholders, including governments, municipalities, the private sector, and scientific communities.

Q-1 What specific policies are introduced to encourage triangular cooperation between government, scientific & research institutions and private/business sector in 3R areas?

Q-2 Please share the number and list of dedicated scientific institution, or coordinating centers in the areas of 3Rs (e.g., waste minimization technologies, eco-products, cleaner production, recycling technologies, industrial symbiosis, resource efficiency, etc.)?

Department of Science and Technology

Challenges (policy/ institutional/ technological/ financial) faced in implementation:

Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant

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https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf

5. *National Plan of Action for the Prevention, Reduction and Management of Marine Litter*

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Is this Goal relevant for your country? Highly Partially Not at all

IV. 3R Goals for Cross-cutting Issues							
Goal 20	Strengthen multi-stakeholder partnerships among governments, civil society, and the private sector in raising public awareness and advancing the 3Rs, sustainable consumption and production, and resource efficiency, leading to the behavioural change of the citizens and change in production patterns.						
<p>Q-1 Does central government have official dialogue with multi-stakeholders in the process to formulate 3R-related policies and regulations? Which stakeholders are involved in the dialogue?(Please check all applicable)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><input checked="" type="checkbox"/> NGOs</td> <td style="width: 50%;"><input checked="" type="checkbox"/> Industrial Association</td> </tr> <tr> <td><input checked="" type="checkbox"/> Local Government</td> <td><input checked="" type="checkbox"/> Academic Institution</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Others, please add/specify (other Government Agencies)</td> </tr> </table>		<input checked="" type="checkbox"/> NGOs	<input checked="" type="checkbox"/> Industrial Association	<input checked="" type="checkbox"/> Local Government	<input checked="" type="checkbox"/> Academic Institution	<input checked="" type="checkbox"/> Others, please add/specify (other Government Agencies)	
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<p>Q-2 What is the level of NGOs' involvement in 3R, sustainable production and consumption, resource efficiency related promotional activities? (Please check the appropriate box)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;"><input checked="" type="checkbox"/> Very high</td> <td style="width: 25%;"><input type="checkbox"/> Moderate</td> <td style="width: 25%;"><input type="checkbox"/> Low</td> <td style="width: 25%;"><input type="checkbox"/> Almost Negligible</td> </tr> </table>		<input checked="" type="checkbox"/> Very high	<input type="checkbox"/> Moderate	<input type="checkbox"/> Low	<input type="checkbox"/> Almost Negligible		
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<p>Q-3 What is the level of citizens' awareness on beneficial aspects of 3R, sustainable production and consumption and resource efficiency. (Please check the appropriate box)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;"><input type="checkbox"/> Very high</td> <td style="width: 25%;"><input type="checkbox"/> Moderate</td> <td style="width: 25%;"><input checked="" type="checkbox"/> Low</td> <td style="width: 25%;"><input type="checkbox"/> Almost Negligible</td> </tr> </table>		<input type="checkbox"/> Very high	<input type="checkbox"/> Moderate	<input checked="" type="checkbox"/> Low	<input type="checkbox"/> Almost Negligible		
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IV. 3R Goals for Cross-cutting Issues	
Goal 21	Integrate the 3Rs in formal education at primary, secondary, and tertiary levels as well as non-formal education such as community learning and development, in accordance with Education for Sustainable Development.
<i>Q-1 Provide a list of formal programmes that addresses areas of 3R and resource efficiency as part of the academic curriculum?</i>	
Republic Act No. 9512 An Act To Promote Environmental Awareness Through Environmental Education And For Other Purposes https://www.officialgazette.gov.ph/2008/12/12/republic-act-no-9512-2/	
<i>Q-2 Please provide an overview of the Government policies and programmes to promote community learning and development (non-formal education) on 3R and sustainable waste management.</i>	
<i>Q-3 Please provide a list of academic and research institutions offering PhD programmes in the areas of 3Rs and resource efficiency?</i>	
<i>Q-4 Please provide a list of management institutions (offering BBA / MBA courses) which have integrated resource efficiency and life cycle assessment (LCA) as part of their curriculum or course development?</i>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
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Is this Goal relevant for your country? Highly Partially Not at all

IV. 3R Goals for Cross-cutting Issues	
Goal 22	<p>Integrate the 3R concept in relevant policies and programmes, of key ministries and agencies such as Ministry of Environment, Ministry of Agriculture, Forestry and Fisheries, Ministry of Industry, Ministry of Trade and Commerce, Ministry of Energy, Ministry of Water Resources, Ministry of Transport, Ministry of Health, Ministry of Construction, Ministry of Finance, Ministry of Labour, Ministry of Land and Urban Development, Ministry of Education, and other relevant ministries towards transitioning to a resource-efficient and zero waste society.</p>
<p><i>Q-1 Please list the name of the Ministries and major Government Agencies which are promoting 3R and resource efficiency as part of their policy, planning and developmental activities at local and national level.</i></p> <ol style="list-style-type: none"> 1. Department of Environment and Natural Resources 2. Department of Science and Technology 3. Department of Education <p><i>Q-2 What type of coordination mechanism are there among ministries and agencies for a resource efficient economic development?</i></p> <p><input type="checkbox"/> Official regular coordination meeting among ministries and agencies</p> <p><input type="checkbox"/> Official ad-hoc coordination meeting among ministries and agencies</p> <p><input type="checkbox"/> Informal meeting among ministries and agencies</p> <p><input type="checkbox"/> Other coordination mechanisms (please add/specify)</p>	
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IV. 3R Goals for Cross-cutting Issues

Goal 23 Promote **green and socially responsible procurement** at all levels, thereby creating and expanding 3R industries and markets for environmentally-friendly goods and products.

Q-1 What specific policies are introduced to promote green and social responsible procurement?

Q-2 Please provide details of eco-labelling schemes of your country.

Q-3 Please provide a list of criteria for eco-labeled products and services in your country.

Q-4 Please provide the list of Ministries and major Government Agencies which have adopted green procurement policy.

Q-5 What % of municipalities have adopted the green procurement policy?

No data.

Challenges (policy/ institutional/ technological/ financial) faced in implementation:

Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant

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IV. 3R Goals for Cross-cutting Issues	
Goal 24	Phase out harmful subsidies that favour unsustainable use of resources (raw materials and water) and energy, and channel the freed funds in support of implementing the 3Rs and efforts to improve resource/energy efficiency.
<i>Q-1 Are there any government subsidy programmes that directly or indirectly favour unsustainable use of resources (raw materials, water, and energy)? If so, please provide a list of such programmes along with the responsible Ministry or Agency administering and implementing it.</i>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
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IV. 3R Goals for Cross-cutting Issues

Goal 25 Protect public health and ecosystems, including freshwater and marine resources by eliminating illegal activities of open dumping, including dumping in the oceans, and controlling open burning in both urban and rural areas.

Q-1 Is waste management a public health priority in your country?

Yes

Q-2 What are the rules and regulations to prevent open dumping and open burning of waste?

RA 9003 or the Ecological Solid Wastes Management Act of 2000

Q-3 Rank the five most important rivers in terms of water quality (BOD values) passing through major cities and urban areas?

Q-4 What are the specific laws, rules and regulations in place to prevent littering in river and water bodies?

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Q-5 What are the specific laws, rules and regulations in place to prevent marine littering?

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<p><i>Important policies/programmes/projects/master plans the government plans to undertake within next five years</i></p> <ol style="list-style-type: none"> 1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/ 2. <i>Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000</i> https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf 3. <i>DENR Administrative Order No. 2001-34</i> https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf 	

IV. 3R Goals for Cross-cutting Issues

Goal 25 **Protect public health and ecosystems, including freshwater and marine resources by eliminating illegal activities of open dumping, including dumping in the oceans, and controlling open burning in both urban and rural areas.**

4. *Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022*
https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf

5. *National Plan of Action for the Prevention, Reduction and Management of Marine Litter*
https://drive.google.com/drive/folders/1gETAFexk5jWRumNqCHJL2jQWDI_VI4w4

Is this Goal relevant for your country? Highly Partially Not at all

IV. 3R Goals for Cross-cutting Issues	
Goal 26	Facilitate the international circulation of re-usable and recyclable resources as well as remanufactured products as mutually agreed by countries and in accordance with international and national laws, especially the Basel Convention, which contributes to the reduction of negative environmental impacts and the effective management of resources.
<i>Q-1 What are major recycling industries in your country?</i>	
<i>Q-2 Please specify the regulation on transboundary movement of hazardous waste.</i>	
Compliance to Basel Convention requirements	
<i>Q-3 If your government has restriction on import of non-hazardous waste or quality control of non-hazardous waste, please list it up.</i>	
<i>Q-4 Does your government restrict import of remanufactured goods?</i>	
<i>Q-5 Does your government regard remanufactured goods as secondhand goods, and regulate it as secondhand goods?</i>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
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<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years</i>	
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<p><i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

IV. 3R Goals for Cross-cutting Issues

Goal 27 Promote data collection, compilation and sharing, public announcement and application of statistics on wastes and the 3Rs, to understand the state of waste management and resource efficiency.

Q-1 Please give an overview on availability of various data and information on material flow and waste management by checking (X or ✓) the appropriate boxes. (Please respond on both "Data Availability" and Monitoring Base")

Data Type	Data Availability			Monitoring Base	
	Good	Very limited	No data exist	Good	Not good
Waste generation		✓			
Material flow					
Cyclical use					
Amount of final disposal		✓			
Disposal to land					
Direct disposal to water					
Import of waste		✓			
Export of waste		✓			
Total landfilled waste					
Import of recyclables		✓			
Export of recyclables		✓			
Hazardous waste generation (solid, liquid, sludge, etc.)		✓			
e-waste generation		✓			

(Please add any other data type relevant to your country)

Q-2 What are the current and planned government policies and programmes to strengthen data and information availability in waste sector?

Reporting requirements under RA 6969 and RA 9003

Challenges (policy/ institutional/ technological/ financial) faced in implementation:

Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant

- Philippine Development Plan 2023-2028**
<https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/>
- Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000**
<https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf>
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	<p><i>Important policies/programmes/projects/master plans the government plans to undertake within next five years</i></p> <p>1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/</p> <p>2. <i>Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000</i> https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf</p> <p>3. <i>DENR Administrative Order No. 2001-34</i> https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf</p> <p>4. <i>Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022</i> https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf</p> <p>5. <i>National Plan of Action for the Prevention, Reduction and Management of Marine Litter</i> https://drive.google.com/drive/folders/1gETAfexk5jWRumNqCHJL2jQWDI_VI4w4</p>
<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

IV. 3R Goals for Cross-cutting Issues	
Goal 28	Promote heat recovery (waste-to-energy), in case wastes are not re-usable or recyclable and proper and sustainable management is secured.
<i>Q-1 What are the government policies and programmes, including incentives, for waste-to-energy programmes?</i>	
<p>DAO 2019-21: Guidelines Governing Waste to Energy (WTE) Facilities for the Integrated Management of Municipal Solid Wstes https://denr.gov.ph/uploads/rmdd/dao-2019-21.pdf</p>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<ol style="list-style-type: none"> Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/ Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf DENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf National Plan of Action for the Prevention, Reduction and Management of Marine Litter https://drive.google.com/drive/folders/1gETAFexk5jWRumNqCHJL2jOWDI_VI4w4 	
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IV. 3R Goals for Cross-cutting Issues	
Goal 29	Promote overall regional cooperation and multi-stakeholder partnerships based on different levels of linkages such as government-to-government, municipality-to-municipality, industry-to-industry, (research) institute-to-institute, and NGO-to-NGO. Encourage technology transfer and technical and financial supports for 3Rs from developed countries to less developed countries.
<i>Q-1 Please provide a list of on-going bilateral/multi-lateral technical cooperation in 3R areas?</i>	
<i>Q-2 What actions are being taken to promote inter-municipal or regional cooperation in areas of waste exchanges, resource recovery, recycling, waste-to-energy and trade of recyclables?</i>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<ol style="list-style-type: none"> 1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/ 2. Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf 3. DENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf 4. Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf 5. National Plan of Action for the Prevention, Reduction and Management of Marine Litter https://drive.google.com/drive/folders/1gETAFexk5jWRumNqCHJL2jQWDI_VI4w4 	
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<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

IV. 3R Goals for Cross-cutting Issues	
Goal 30	Pay special attention to issues and challenges faced by developing countries including SIDS in achieving sustainable development.
<i>Q-1 Please describe any past and on-going cooperation with SIDS (Small Island Developing States) countries in 3R areas.</i>	
<i>Q-2 Please list 3R related projects linked to climate change, biodiversity, disaster management and sustainable tourism. (This is <u>to be reported by SIDS countries only</u>)</i>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<ol style="list-style-type: none">1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/2. Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf3. DENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf4. Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf5. National Plan of Action for the Prevention, Reduction and Management of Marine Litter https://drive.google.com/drive/folders/1gETAfExk5jWRumNqCHJL2jQWDI_VI4w4	
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<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 31	Promote 3R + “Return” concept which stands for Reduce, Reuse, Recycle and “Return” where recycling is difficult due to the absence of available recycling industries and limited scale of markets in SIDS, especially in the Pacific Region.
<i>Q-1 What specific policies, programme, including pilot projects, are implemented to promote 3R+ “Return” concept? (This is to be reported by SIDS countries only)</i>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<ol style="list-style-type: none"> 1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/ 2. Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf 3. DENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf 4. Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf 5. National Plan of Action for the Prevention, Reduction and Management of Marine Litter https://drive.google.com/drive/folders/1gETAFexk5jWRumNqCHJL2jOWDI_VI4w4 	
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Is this Goal relevant for your country? Highly Partially Not at all

IV. 3R Goals for Cross-cutting Issues	
Goal 32	Complete elimination of illegal engagement of children in the informal waste sector and gradually improve the working conditions and livelihood security, including mandatory provision of health insurance , for all workers.
<i>Q-1 What is the approximate market size (in US\$) of the informal waste sector?</i>	
<i>Q-2 Number of annual labor inspections in waste sector?</i>	
<i>Q-3 Is health insurance a mandatory to all informal workers in waste sector by law?</i>	
<i>Q-4 What specific policies and enforcement mechanisms are in place to prevent illegal engagement of children in waste sector?</i>	
<i>Q-5 Number of landfill sites accessible to register waste pickers?</i>	
<i>Q-6 Average life span of informal waste workers?</i>	
<i>Q-7 Any government vaccination programmes for informal waste workers?</i>	
<i>Q-8 Any public awareness programmes for informal waste workers on health and safety measures?</i>	
Challenges (policy/ institutional/ technological/ financial) faced in implementation: Lack of data.	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
<ol style="list-style-type: none"> 1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/ 2. Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf 3. DENR Administrative Order No. 2001-34 	

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<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

IV. 3R Goals for Cross-cutting Issues	
Goal 33	Promote 3Rs taking into account gender considerations.
<p><i>Q-1 Please give a brief assessment on how the national, provincial and municipal governments incorporate gender considerations in waste reduction, reuse and recycle.</i></p> <p>Capacity development and knowledge enhancement activities to promote 3R always consider gender equality and these are also documented.</p>	
<p><i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i></p>	
<p><i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i></p> <ol style="list-style-type: none"> 1. Philippine Development Plan 2023-2028 https://pdp.neda.gov.ph/philippine-development-plan-2023-2028/ 2. Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 https://emb.gov.ph/wp-content/uploads/2015/09/RA-9003.pdf 3. DENR Administrative Order No. 2001-34 https://emb.gov.ph/wp-content/uploads/2015/12/DAO-2001-34.pdf 4. Republic Act No. 11898 or the Extended Producer Responsibility Act of 2022 https://legacy.senate.gov.ph/republic_acts/ra%2011898.pdf 5. National Plan of Action for the Prevention, Reduction and Management of Marine Litter https://drive.google.com/drive/folders/1gETAFexk5jWRumNqCHJL2jOWDI_VI4w4 	
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IV. 3R Goals for Cross-cutting Issues

Goal 33 Promote 3Rs taking into account gender considerations.

5. *National Plan of Action for the Prevention, Reduction and Management of Marine Litter*

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Is this Goal relevant for your country? Highly Partially Not at all

Q- Please provide a brief comprehensive summary of important 3R and resource efficiency policies /programmes/ projects/ master plans of your country.