

Ninth Regional 3R Forum in Asia and the Pacific

“3R as a way for moving towards sufficiency economy – Implications for SDGs”

4-6 March 2019, Bangkok, Thailand

Country Report

(Draft)

< The Philippines >

This country report was prepared by the Government of The Philippines as an input for the Ninth Regional 3R 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:

Philippines

Name, Designation and Organization Respondent:

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Other Ministries, Organizations, Agencies contributing to
Country Report:

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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 Forum in Asia and the Pacific
United Nations Centre for Regional Development (UNCRD)
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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.
<i>Q-1 What specific 3R policies, programmes and projects, are implemented to reduce the quantity of municipal solid waste?</i>	
<p>Policy: Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000</p> <p>Program: “Adopt-an-Estero/Waterbody”; “Bayan Ko, Linis Ko”</p> <p>Project: Waterbody Cleanup</p>	
<i>Q-2 What is the level of participation of households in “source” segregation of municipal waste streams? (Please check the appropriate box)</i>	
<input type="checkbox"/> Very High (> 90%) <input type="checkbox"/> High (>70%) <input checked="" type="checkbox"/> Average (50~70%) <input type="checkbox"/> Low or not satisfactory (< 50%) <input type="checkbox"/> Does not exist	
<i>Q-3 Total annual government expenditure per capita (US\$ per capita) in municipal solid waste management in 2014-2015</i>	
5-24 % of Annual Budget	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<p>On policy, some provisions of RA 9003 are too stringent for low income class municipalities (4th-5th class)</p> <ul style="list-style-type: none"> • On institutional mechanism, some government agencies mandated to implement RA 9003 have snail-paced interventions/support • On technological, no readily available market for recycled/processed materials; lack of low-cost technology for low-income municipalities, disposal & treatment of Special Waste • On financial, majority of municipalities have no funds to finance waste management thereby less priority 	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Environmental Recycling System in Irisan, Baguio City	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Waste-to-Energy	

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.
<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 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.
<i>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?</i>	
Yes	
<i>Q-2 What is happening to country's organic waste?</i> (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	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of technological and financial assistance	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Environmental Recycling System in Irisan, Baguio. Problem of foul odor, volume of storage of biodegradable wastes	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Manila Bay Rehabilitation; Boracay Rehabilitation; SWM projects for LGUs (e.g. waste-to-energy for highly urbanized cities and highly urban municipalities, etc)	
<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: Bottles		✓				

*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)

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?

Republic Act No. 9003 and its Implementing Rules & Regulations

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)

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 exists	No supportive policy or programmes
Paper		✓			
Plastic		✓			

**Voluntary Progress/Achievements/Initiatives in
Implementing Ha Noi 3R Declaration (2013~2023)**

Country Name **Philippines**

Metal		✓			
Construction waste		✓			
e-waste		✓			

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.
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<p>On policy, only generic policy exists (RA 9003) On institutional, the agency (DTI) has no specific program/project On technological, limited available low-cost technology for recycling/processing</p>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Few Municipalities, NGO's and social organizations undertake initiatives on recycling	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Diversion of wastes thru recycling for LGU's	
<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 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
<i>Q-1 What specific waste management policies and programmes are introduced to encourage private sector participation in municipal waste management?</i>	
<p>On Policy, RA 9003; on Programs, Philippine Environment Partnership Program (PEPP); Environmental Compliance Assistance Center (ECAC); Sustainable Clean Cities; Search for Sustainable and Eco-friendly Schools</p>	
<i>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)</i>	
<input type="checkbox"/> waste collection <input checked="" type="checkbox"/> resource recovery <input checked="" type="checkbox"/> waste recycling <input type="checkbox"/> waste to energy, composting, etc. <input type="checkbox"/> PPP projects in waste sector	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Construction and maintenance of solid waste management facilities are costly; some low-income class municipalities consider water management less priority	

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
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Annual national observance / celebration of special environmental events (Zero-waste Month, Environment Month, etc)	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Waste-to-Energy facility for highly urbanized cities and highly urban municipalities	
Is this Goal relevant for your country? <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

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.
<i>Q-1 What are the major clean technology related policies aiming to increase energy and resource efficiency of SMEs?</i>	
Solid waste management and climate-change related laws and policies (RA 9003, Climate Change Act (RA 9729), Clean Air Act (RA 8749) and their Implementing Rules and Regulations (IRR)	
<i>Q-2 What are the capacity building programmes currently in place to build the technical capacity of SMEs in 3R areas?</i>	
Philippine Environment Partnership Program for industries (PEPP), Environmental Compliance Action Center (ECAC) for LGUs and industries	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Low appreciation by small and medium-sized enterprises (SMEs) and few big industries	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Philippine Environment Partnership Program (PEPP)	

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.
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Philippine Environment Partnership Program (PEPP), Eco-watch Program	
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.
<i>Q-1 What percent of companies and industries have introduced green accounting and voluntary environmental performance evaluation (Ref: ISO 14000)?</i>	
<input type="checkbox"/> Very High (> 90%) <input type="checkbox"/> High (>70%) <input type="checkbox"/> Average (50~~70%) <input checked="" type="checkbox"/> Low or not satisfactory (< 50%) <input type="checkbox"/> None	
<i>Q-2 What percent of companies and industries have introduced social accounting (Ref: SA 8000) in consultation with their workers?</i>	
<input type="checkbox"/> Very High (> 90%) <input type="checkbox"/> High (>70%) <input type="checkbox"/> Average (50~~70%) <input checked="" type="checkbox"/> Low or not satisfactory (< 50%) <input type="checkbox"/> None	
<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>	
Philippine Environment Partnership Program (PEPP)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Only few products are eco-labelled, too stringent, green products are expensive	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Eco-labelling	

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.
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Eco-labelling	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

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.
<i>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?</i>	
RA 9003 and its IRR; exchange of industrial wastes between and among big industries waste exchange	
<i>Q-2 How many eco-industrial parks or zones or the like, which is supported by the government, are there in the country?</i>	
At least two (2): Philippine Economic Zone Authority (PEZA) in Baguio City and in Laguna	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Willingness to share their industrial waste	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Waste Exchange	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Waste Exchange, RA 6969	
<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 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>	
10 regional chapters of Pollution Control Associations of the Philippines, Inc. (PCAPI), Water Environment Association of the Philippines	
<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 sufficient data	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Willingness of concerned to be funded	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
DAO 2-2014, Accreditation of Pollution Control Officers	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
DAO 2-2014, Accreditation of Pollution Control Officers	
<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 Industrial waste)	
Goal 9	Develop proper classification and inventory of hazardous waste as a prerequisite towards sound management of such waste.
<i>Q-1 Is there a systematic classification of hazardous waste? If so, please attach.</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
<i>Q-2 What specific rules and regulations are introduced to separate, store, treat, transportation and disposal of hazardous waste?</i>	
RA 6969 (Toxic Substance and Hazardous and Waste Control Act of 1990); DAO 92-29 (IRR) (module 3)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Treatment & Disposal	

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.
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Bataan – PCB destruction	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Basel Convention, Prior Information Consent	
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.
<i>Q-1 What specific policies, rules and regulations, including awareness programmes, are introduced to minimize food or crop waste?</i>	
RA 8435 (Agriculture and Fisheries Modernization Act)	
<i>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>	
Food Self-Sufficiency Program; Crop Insurance	
<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?</i>	
<input type="checkbox"/> Very High (> 20~ 30%) <input type="checkbox"/> High (10~20%) <input checked="" type="checkbox"/> Medium (5~10%) <input type="checkbox"/> Low (< 5%) <input type="checkbox"/> Negligible (<1%)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
No specific policy on recycling food/crop waste; weak policies on food security	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Pending Senate Bills relating to agriculture; House Bill 3795 Adequate Food Framework Act)	

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.
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Pending Senate Bills relating to agriculture; House Bill 3795 Adequate Food Framework Act)	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

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.
<i>Q-1 How much amount of – (a) agricultural biomass waste and (b) livestock waste are grossly generated per annum?</i>	
No sufficient data	
<i>Q-2 How are most of the agricultural biomass wastes utilized or treated?</i> (Please <u>check all appropriate boxes</u>)	
<input checked="" type="checkbox"/> as secondary raw material input (for paper, bioplastic, furniture, etc.) <input type="checkbox"/> biogas/electricity generation <input checked="" type="checkbox"/> composts/fertilizers <input checked="" type="checkbox"/> mostly left unutilized or open dumped <input checked="" type="checkbox"/> mostly open burned	
<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>	
Polishing technology on biogas generation (piggery and poultry) is ongoing	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Develop proper Biogas System	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
DOST gadget new energy adaptor (NEA) that could convert gas-fed generator into a methane or biogas generator; energy facilitated adopter (EFA) that could convert a gas-fed generator into a liquefied petroleum gas (LPG) generator	

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.
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Biodigester home biogas system	
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 12	Strengthen regional, national, and local efforts to address the issue of waste, in particular plastics in the marine and coastal environment.
<i>Q-1 What specific policies and regulations are in place to address the issue of plastic wastes in coastal and marine environment?</i>	
Issue on plastic, which is recyclable waste, is addressed under RA 9003 as to be reused and recycled; 27 Cities in the country have implemented ban on plastics	
<i>Q-2 What extent issue of plastic waste is considered in integrated coastal zone management (ICZM)? (Please check the appropriate box)</i>	
<input checked="" type="checkbox"/> Very much <input type="checkbox"/> Somehow <input type="checkbox"/> Not at all	
<i>Q-3 Please provide a list of centre of excellences or dedicated scientific and research programmes established to address the impacts of micro-plastic particples (<5 mm) on coastal and marine species? If yes, please provide relevant websites.</i>	
No sufficient data (on scientific and research programs to address impacts of micro-plastic particples)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Clear-cut policy on whether to ban use of plastics or not; low public awareness (knowledge, attitude and practices) on the advantage and disadvantage of domestic use of plastics; behavior change of producers and consumers	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Ban plastics in department stores	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Ban plastics in department stores	

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.		
<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 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	
	3	Take to recycling center / resource recovery facilities
	4	Take to landfill
		Take to the retailer
		Take to local charity for re-use
	2	Take to second-hand shop for re-use
		Ship back to the manufacturer
		Ship back to the manufacturer
		Recycle in another country
	1	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)?

RA 6969 (Toxic Substances and Hazardous and Waste Control Act of 1990)

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	No sufficient Data	No sufficient Data	No sufficient Data
Computer	No sufficient Data	No sufficient Data	No sufficient Data
Mobile phone	No sufficient Data	No sufficient Data	No sufficient Data
Refrigerators	No sufficient Data	No sufficient Data	No sufficient Data
Washing machines	No sufficient Data	No sufficient Data	No sufficient Data
Air conditioners	No sufficient Data	No sufficient Data	No sufficient Data
Others...			

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

No clear-cut policies; low public awareness on handling household e-wastes; no capacities of LGUs to handle/manage; no facilities in LGUs for temporary storage; only few accredited haulers and treaters are in operation nationwide; high cost of investment; lack of access to e-waste recycling technologies; accessibility and cost of final disposal

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>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Draft Policy on Waste Electrical and Electronic Management; Environmentally Sound Management of Waste Electronic and Electrical Equipment	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Draft Policy on Waste Electrical and Electronic Management	
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 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>	
RA 6969 (Toxic Substances and Hazardous and Waste Control Act of 1990; DAO 28-94 Interim Guidelines on the Importation of Recyclable Materials Containing Hazardous Substances	
<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 checked="" type="checkbox"/> No	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Almost nil trained custom and other officials to track illegal export and import of e-waste (including handling and filing of cases); presence of scrap buyers; emerging recycling facilities; insufficient regulation on e-waste; vulnerability of location to risks and hazards	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Importation, Reuse and Disposal of Used Electronic Appliances in the Philippines; Gathering Basic Data on Electronic Waste in Metro Cebu: A Case Study in Philippine Setting	

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>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Draft Policy on Waste Electrical and Electronic Management	
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 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>Q-1 What specific Extended Product Responsibility (EPR) policies are enacted or introduced? (If there is none, then skip Q-2 below)</i>	
None	
<i>Q-2 Please provide a list of products and product groups targeted by EPR nationally?</i>	
N/A	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
No clear-cut policy and program	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
None	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Draft Policy on Waste Electrical and Electronic Management	
Is this Goal relevant for your country? <input type="checkbox"/> Highly <input checked="" 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.
<i>Q-1 What specific policies and regulations are in place for healthcare waste management?</i>	
Joint DENR-DOH Administrative Order 02-2005, RA 6969 (Policies and Guidelines on Effective on Proper Handling, Collection, Transport, Treatment, Storage and Disposal of Health-care Wastes)	
<i>Q-2 What is the total annual government expenditure towards healthcare waste management (US\$ per year)?</i>	
No sufficient data	
<i>Q-3 List the agencies or authorities responsible for healthcare waste management.</i>	
Department of Health (DOH), Environmental Management Bureau of the Department of Environment and Natural Resources (DENR-EMB)	
<i>Q-4 What is the common practice for disposal of healthcare wastes?</i> (Please check the appropriate box and add if any other practice followed)	
<input type="checkbox"/> open dumping (untreated) <input type="checkbox"/> open burning (untreated) <input type="checkbox"/> ordinary landfilling (untreated) <input type="checkbox"/> sanitary landfilling (treated) <input type="checkbox"/> Low cost small scale incineration (do not meet air emission standards) <input type="checkbox"/> Highly controlled air incineration (dedicated/modern medical waste incinerators) <input type="checkbox"/> Other methods (please specify names: _____)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Snail-paced implementation of policies by public and private hospitals; weak enforcement of penalties for violations; lack penalties for violating government hospitals	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Health-care Waste Management Manual Project	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Health-care Waste Management Manual Project, RA 6969	
<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>	
Policies on Philippine National Standards of the Department of Trade and Industry (DTI); Environmental Management Systems; Policy on Consumer Protection	
<i>Q-2 What specific energy efficiency schemes are introduced for production, manufacturing and service sector?</i>	
Strengthening the Monitoring, Verification and Enforcement Scheme for the Philippine Energy Standard and Labeling Program	
<i>Q-3 What specific policies are introduced to create green jobs in product and waste sector?</i>	
No national policy on creating green jobs, however local government units/municipalities integrate waste scavengers into the recycling chain; Green Procurement of government supplies	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
No national policy on green jobs; low appreciation by SMEs and industries on green production and green productivity	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Draft Technical Regulations Concerning Mandatory Product Certification; National Energy Efficiency and Conservation Program	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
On energy efficiency and conservation on transport sector: financial incentives on energy efficiency through vehicle taxes; promotion of key vehicle technologies; EE programs beyond road transport; develop standards for motors; facilitate example models; implement demand response program; review of energy pricing; review inward investment rules;	
On residential/buildings sector: energy-efficient housing; inclusion of residential measures in Building Code;	

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.
<p>On commercial buildings: energy efficiency measures for inclusion in national building code; government financing retrofits and financing models; promote green building ratings; incentive funds; mandatory disclosure of commercial building performance</p> <p>On cross-sectoral: national strategy for efficiency in power supply sector; energy efficiency and conservation center mandated and established</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>	

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.
<p><i>Q-1 Please share how climate mitigation is addressed in waste management policies and programmes for co-benefits?</i></p> <p>Strict enforcement on the following provisions of RA 9003 (Ecological Solid Waste Management Act) to local government units: mandatory closure and rehabilitation of open dumpsites; construction of residual containment areas, materials recovery facilities and final disposal facilities (sanitary landfill); enforcement of fines and penalties; mandatory waste diversion using alternative technologies; enhanced information and education campaigns</p>	
<p><i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i></p> <p>Weak enforcement; lack available low-cost technologies and financing schemes; passive communities; political will</p>	
<p><i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i></p> <p>No sufficient data</p>	
<p><i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i></p> <p>Waste-to-Energy Facilities</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>	

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.
<i>Q-1 What specific policies are introduced to encourage triangular cooperation between government, scientific & research institutions and private/business sector in 3R areas?</i>	
RA 9003 (Ecological Solid Waste Management Act of 2000)	
<i>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.)?</i>	
Non-Government Organizations (NGOs): Greenpeace South East Asia, Diliman, Quezon City; Bantay Kalikasan, Quezon City kalikasan@abs-cbn.com; Center for Environmental Concerns, Quezon City robguevarra@iname.com; Haribon Foundation, Quezon City www.haribon.org.ph	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Access to data and information	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
RA 9512 (Environmental Awareness and Education Act); DENR EMB National Ecology Center (repository of data and information on solid waste management); Sustainable and Eco-friendly Schools	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
RA 9512 National Environmental Awareness and Education Act of 2008	
<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 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><i>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?</i> (Please check all applicable)</p> <p> <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 (People's organizations, professional groups, religious and transport sectors) </p> <p><i>Q-2 What is the level of NGOs' involvement in 3R, sustainable production and consumption, resource efficiency related promotional activities?</i> (Please check the appropriate box)</p> <p> <input checked="" type="checkbox"/> Very high <input type="checkbox"/> Moderate <input type="checkbox"/> Low <input type="checkbox"/> Almost Negligible </p> <p><i>Q-3 What is the level of citizens' awareness on beneficial aspects of 3R, sustainable production and consumption and resource efficiency.</i> (Please check the appropriate box)</p> <p> <input type="checkbox"/> Very high <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Low <input type="checkbox"/> Almost Negligible </p> <p>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</p> <p>Passive communities; weak enforcement of policies; appropriate and/or high impact content/messages of advocacy materials and strategies; overlapping programs and ac</p> <p><i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i></p> <p>PEPP - Philippine Environment Partnership Program</p> <p><i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i></p> <p>PEPP - Philippine Environment Partnership Program</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>	

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>	
<p>Waste prevention and waste management; green procurement; food and food waste; campus greening</p>	
<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>	
<p>Executive Order No. 356 (Renaming of Bureau of Non-Formal Education to bureau of Alternative Learning System) to provide a systematic and flexible approach to reach all types of learners outside the school system; Education for All Plan 2015: transform all non-formal and informal education interventions into an Alternative Learning System to yield more benefits</p>	
<i>Q-3 Please provide a list of academic and research institutions offering PhD programmes in the areas of 3Rs and resource efficiency?</i>	
<p>Saint Louis University, Baguio City; University of San Carlos, Cebu City; Central Mindanao University, Bukidnon; Silliman University, Negros Oriental; University of the Philippines, Los Baños, Laguna; University of the Philippines, Quezon City</p>	
<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>	
<p>De La Salle University, Metro Manila; De La Salle University, Cavite; Saint Louis University, Baguio City; Mindanao State University, Lanao del Norte; Central Mindanao University, Bukidnon; Ateneo de Manila University, Manila; Central Bicol State University of Agriculture, Camarines Sur</p>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<p>Low enrollees on environment-related courses; state universities have limited environment-related courses; need to include environment-related program in curriculum of the Alternative Learning System (recycling, composting, solid waste management, behavioral change for climate change, etc)</p>	

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>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
RA 9512 (Environmental Awareness and Education Act); Search for Sustainable and Eco-friendly Schools	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Lined-up Programs on Climate Change towards Behavior Change	
<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 22	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.
<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>	
Department of Environment and Natural Resources; Department of Science and Technology; Department of Health; Department of Agriculture; Department of Transportation; Department of Energy; Department of Trade and Industry; Department of Education; Department of Public Works and Highways; Department of Education	
<i>Q-2 What type of coordination mechanism are there among ministries and agencies for a resource efficient economic development?</i>	
<input checked="" type="checkbox"/> Official regular coordination meeting among ministries and agencies <input checked="" type="checkbox"/> Official ad-hoc coordination meeting among ministries and agencies <input checked="" type="checkbox"/> Informal meeting among ministries and agencies <input checked="" type="checkbox"/> Other coordination mechanisms (please add/specify)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Harmonization of programs and activities, including sharing of resources, data and information	

IV. 3R Goals for Cross-cutting Issues	
Goal 22	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.
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
RA 9729 (Climate Change Act); Policies and Programs to implement national disaster risk reduction and management	
Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

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.
<i>Q-1 What specific policies are introduced to promote green and social responsible procurement?</i>	
RA 9003 (Ecological Solid Waste Management Act of 2000); Green Public Procurement	
<i>Q-2 Please provide details of eco-labelling schemes of your country.</i>	
Name of Programme: Green Choice Philippines	
Web link: http://www.pcepsdi.org.ph/	
<i>Q-3 Please provide a list of criteria for eco-labeled products and services in your country.</i>	
Automotive engine oil, automotive service station, bath soap, building-board using composite materials, cement, ceramic tile, computer monitor, crayons, desktop computer, electronic ballast, facsimile machine, fiber cement board, fluorescent lamp, food service establishment, hair shampoo, induction lamp luminaries, infill material, inkjet cartridge, laptop computer, LED light, light emitting diode, liquid dishwashing, liquid disinfectant, MFPD, oil based paint, organic liquid disinfectant, paper envelope, paper board, pen, pencil, photocopier, polyethylene, polypropylene packaging materials, portable fire extinguishers, printers, printing and writing paper, synthetic laundry detergent, tissue paper products, toner cartridge, water based paint, zinc-carbon, zinc-alkaline manganese dioxide batteries	

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.
<p><i>Q-4 Please provide the list of Ministries and major Government Agencies which have adopted green procurement policy.</i></p> <p>Department of Budget and Management; Department of Environment and Natural Resources; Department of Energy; Department of Science and Technology; Department of Trade and Industry</p> <p><i>Q-5 What % of municipalities have adopted the green procurement policy?</i></p> <p>No data yet</p>	
<p><i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i></p> <p>Low awareness of public consumers</p>	
<p><i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i></p>	
<p><i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i></p> <p>Green Procurement Manual</p>	
<p><i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

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>	
None	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
None	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
None	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
None	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input type="checkbox"/> Partially <input checked="" type="checkbox"/> Not at all	

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.
<i>Q-1 Is waste management a public health priority in your country?</i>	
Yes	
<i>Q-2 What are the rules and regulations to prevent open dumping and open burning of waste?</i>	
RA 9003 (Ecological Solid Waste Management Act); RA 8749 (Clean Air Act)	
<i>Q-3 Rank the five most important rivers in terms of water quality (BOD values) passing through major cities and urban areas?</i>	
Balili River, Benguet; Wahig-Inabanga in Central Visayas; Bukidnon River in Northern Mindanao; Pasig River and Marikina River, Metro Manila	
<i>Q-4 What are the specific laws, rules and regulations in place to prevent littering in river and water bodies?</i>	
RA 9003 (Ecological Solid Waste Management Act); RA 9275 (Clean Water Act)	
<i>Q-5 What are the specific laws, rules and regulations in place to prevent marine littering?</i>	
RA 9003 (Ecological Solid Waste Management Act); RA 9275 (Clean Water Act)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Weak enforcement of laws and policies; incentives for compliant industries on discharges; only major waterbodies were classified	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Clean Rivers; Rivers for Life	
<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 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>	
QED Environmental Systems Ltd; Ecotrade Group	
<i>Q-2 Please specify the regulation on transboundary movement of hazardous waste.</i>	
RA 6969 (Toxic Substances, Nuclear Waste and Hazardous Waste Control Act of 1990); international protocols/agreements	
<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>	
RA 6969 (Toxic Substances, Nuclear Waste and Hazardous Waste Control Act of 1990); international protocols/agreements	
<i>Q-4 Does your government restrict import of remanufactured goods?</i>	
Yes	
<i>Q-5 Does your government regard remanufactured goods as secondhand goods, and regulate it as secondhand goods?</i>	
Yes	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
No clear-cut policy on regulating second hand goods (e.g. “wagwag” dry goods, imported vehicles, etc)	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
None	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
None	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

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?

Waste Analysis and Characterization Study under RA 9003 (Ecological Solid Waste Management Act)

Challenges (policy/ institutional/ technological/ financial) faced in implementation:
Limited data and data access/ availability, particularly from informal sectors

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

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)
Amendment of RA 7160 (Local Government Code)

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.
<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 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>	
Still ongoing study	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Availability of host areas for the construction of facilities; cost-extensive	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Policy adopting the waste-to-energy technology	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

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>	
None so far	
<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>	
Participation to regional/international conferences on Sustainable Production and Consumption, Sustainable and Eco-friendly Schools, and Sustainable Cities	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Limited participation by countries in the regional/international arena	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Is this Goal relevant for your country? <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

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>	
None	
<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>	
N/A	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack technological and financial assistance, including mechanisms, global institutional arrangements and advocacy strategies provided to under developed and developing countries	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Is this Goal relevant for your country? <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>	
N/A	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack technological and financial assistance, including mechanisms, global institutional arrangements and advocacy strategies provided to under developed and developing countries	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> 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>	
No sufficient data	
<i>Q-2 Number of annual labor inspections in waste sector?</i>	
No sufficient data	
<i>Q-3 Is health insurance a mandatory to all informal workers in waste sector by law?</i>	
No	
<i>Q-4 What specific policies and enforcement mechanisms are in place to prevent illegal engagement of children in waste sector?</i>	
Labor Laws (child labor)	
<i>Q-5 Number of landfill sites accessible to register waste pickers?</i>	
No registration of waste pickers	
<i>Q-6 Average life span of informal waste workers?</i>	
None	
<i>Q-7 Any government vaccination programmes for informal waste workers?</i>	
None	
<i>Q-8 Any public awareness programmes for informal waste workers on health and safety measures?</i>	
None	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Data on the above questions; absence of policies, programs and activities to protect informal waste pickers	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Relocation of waste pickers by LGU's	

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>Important policies/programs/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 33	Promote 3Rs taking into account gender considerations.
<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>	
Infant stage in the integration of gender and development concepts	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Integration of gender and development concepts in solid waste management	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

<i>Q- Please provide a brief comprehensive summary of important 3R and resource efficiency policies /programmes/ projects/ master plans of your country.</i>
The Philippines has important policies programs and projects on 3R and resource efficiency but still need assistance in technical, technology and financial aspects. Though a lot LGU's, Schools, NGA's have pockets of success in this area, a lot of things still have to be done to really say that at least we have the passing grade.