

Eighth Regional 3R Forum in Asia and the Pacific

“Achieving Clean Water, Clean Land and Clean Air through 3R and Resource Efficiency- A 21st Century Vision for Asia-pacific Communities”

Indore, Madhya Pradesh, India, 9-12 April 2018

Country Report

(Draft)

<Marshall Islands>

This country report was prepared by the Government of Marshall Islands as an input for the Eighth 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: *Republic of the Marshall Islands*

Name, Designation and Organization Respondent: *Mr. Jorelik
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**Other Ministries, Organizations, Agencies contributing to
Country Report:**

Timeline of Submission: **20 February 2018** (Email:
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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? Regularly schedule schools and community visits to promote 3R campaign. New recycle center was built to house two compressing machines for scrap metals and pet bottles. Export of certain metals and ULABs for revenue generation continue; 150 ton compression of aluminum metals puts more weight per shipping container resulting in increased revenue.</i>	
<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 type="checkbox"/> Average (50~70%) <input checked="" 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>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation: Far and isolated from recycle markets; not easily accessible to take advantage of improved technology; country heavily dependent on imports</i>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant Clean School program brings together participants from different government agencies such as school principals, EPA, MAWC. This group engages with students and parents to promote 3R projects. One such project is building trash bins for schools and community to put segregated waste into. Waste collection crew then empty these bins free of charge. A “blue bag” is available at a small price that helps pay for the collection costs. Only these bags are collected.</i>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021) Container deposit legislation (CDL) has passed by Parliament requiring a deposit fee on import on selected items. This fee will set up a recycling fund that will buy back the containers, such as cans and plastic bottles that will be exported. This new policy is part of the recent ban on import of Styrofoam plates and cups as well as plastic shopping bags.</i>	
<i>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</i>	

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? MAWC continues to pursue the production of compost from green waste destined to the landfill; national government is revisiting the concept on waste to energy; food waste is sorted at landfill site for animal feeds;

Q-2 What is happening to country's organic waste? (Please check the appropriate box)

- mostly landfilled
 mostly incinerated
 both landfilled and incinerated
 mostly open dumped or open burned

*Challenges (policy/ institutional/ technological/ financial) faced in implementation:
 The volume of waste is not large enough to make big investment as the return will be low such that production cost is higher than generated revenue.*

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

N/A

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

Solid Waste Management Plans are being developed for two of the most populated islands in RMI, Ebeye at Kwajalein Atoll, and Majuro which is the capital of the Republic, These plans will look at waste minimization and sustainable operation.

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 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)

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

*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? Introduction of legislation to ban imports of Styrofoam plates and cups and plastic shopping bags:

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

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

(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?

Type \ Level	Every Major City	Few Major Cities only	Does not exist	Supportive policy or programmes exists	No supportive policy or programmes
Paper				X	
Plastic				X	
Metal				X	
Construction waste				X	
e-waste					X

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:
Isolation and far distance to markets.

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

Country Name
RMI

<p><i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i> New compressing machines to add value to aluminum export; recent passage of container deposit legislation.</p> <p><i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i> Joining up with other small islands to combine recyclable materials to make it more attractive to buyers in distant markets.</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>
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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?*

Recent ban on plastic shopping bags and Styro foam

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)

- waste collection
- resource recovery
- waste recycling
- waste to energy, composting, etc.
- PPP projects in waste sector

Challenges (policy/ institutional/ technological/ financial) faced in implementation: *Limited options and business opportunities for business sector due to geographical isolation and small in size of local customers' base; lack of incentives for business to grow from investment on waste minimization incentives.*

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)

National government reconsidering waste to energy concept

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

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

Country Name
RMI

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>	
N/A	
<i>Q-2 What are the capacity building programmes currently in place to build the technical capacity of SMEs in 3R areas?</i>	
N/A	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
N/A	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
N/A	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
<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 6	Promote the greening of the value chain by encouraging industries and associated suppliers and vendors in socially responsible and inclusive ways.

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.

Q-1 *What percent of companies and industries have introduced green accounting and voluntary environmental performance evaluation (Ref: ISO 14000)?*

- Very High (> 90%)
 High (>70%)
 Average (50~70%)
 Low or not satisfactory (< 50%)
 None

Q-2 *What percent of companies and industries have introduced social accounting (Ref: SA 8000) in consultation with their workers?*

- Very High (> 90%)
 High (>70%)
 Average (50~70%)
 Low or not satisfactory (< 50%)
 None

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?*

N/A

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

N/A

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

N/A

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

N/A

Is this Goal relevant for your country? Highly Partially 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.

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?*

N/A

Q-2 *How many eco-industrial parks or zones or the like, which is supported by the government, are there in the country?*

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

Country Name
RMI

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>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i> Small and lack of developed industries	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i> N/A	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
<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 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> N/A	
<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> N/A	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i> N/A	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i> N/A	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i> N/A	
<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? On nuclear wastes there have been discussions of pros and cons at highest level of government. No specific regulations other than proper disposal of used batteries, fossil fuel disposal, medical wastes disposal and solid waste disposal.</i>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Limited capacity	
<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>	
<i>Is this Goal relevant for your country?</i> <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>	
Government sponsored workshop for raising awareness on this issue was held in 2017	
<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>	
None	
<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 type="checkbox"/> Medium (5~10%) <input type="checkbox"/> Low (< 5%) <input type="checkbox"/> Negligible (<1%)	
N/A	

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>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
High dependence on import goods	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
N/A	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
N/A	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" 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>	
<i>Not enough to consider engagement</i>	
<i>Q-2 How are most of the agricultural biomass wastes utilized or treated? (Please check all appropriate boxes)</i>	
<input type="checkbox"/> as secondary raw material input (for paper, bioplastic, furniture, etc.) <input type="checkbox"/> biogas/electricity generation <input type="checkbox"/> composts/fertilizers <input type="checkbox"/> mostly left unutilized or open dumped <input 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>	
N/A	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<i>Amount is insignificant</i>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<i>Small scale household use of pig pens and for compost generation</i>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
N/A	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" 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.
Q-1 <i>What specific policies and regulations are in place to address the issue of plastic wastes in coastal and marine environment?</i>	
National policy on banning dumping of plastic into sea by fishing vessels license to fish in RMI waters	
Q-2 <i>What extent issue of plastic waste is considered in integrated coastal zone management (ICZM)? (Please check the appropriate box)</i>	
<input type="checkbox"/> Very much <input type="checkbox"/> Somehow <input type="checkbox"/> Not at all	
Q-3 <i>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>	
N/A	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
Limited resources	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
N/A	
Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)	
N/A	
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.

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

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...			

N/A

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

Limited options

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

N/A

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

N/A

Is this Goal relevant for your country? Highly Partially 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.
Q-1 What specific policies and regulations are introduced to prevent illegal import and export of e-waste?	
N/A	
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?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
Lack of resources	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
N/A	
Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)	
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.
Q-1 What specific Extended Product Responsibility (EPR) policies are enacted or introduced?	
N/A	
<i>(If there is none, then skip Q-2 below)</i>	
Q-2 Please provide a list of products and product groups targeted by EPR nationally?	
N/A	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
Weak bargaining power	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant N/A	

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>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
N/A	
<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.
<i>Q-1 What specific policies and regulations are in place for healthcare waste management?</i>	
Medical waste incineration contracted to a private company	
<i>Q-2 What is the total annual government expenditure towards healthcare waste management (US\$ per year)?</i>	
<i>Q-3 List the agencies or authorities responsible for healthcare waste management.</i>	
<ol style="list-style-type: none"> 1. <i>Majuro Hospital</i> 2. <i>Ministry of Health</i> 3. <i>Ministry of Finance</i> 4. <i>RMI EPA</i> 	
<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>incineration</i>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
High technology and costs and capacity for equipment maintenance	
<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 16 Promote the 3R concept in health-care waste management.

Newly purchased incinerator at Ebeye Hospital

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

What to do with smaller amount of hospital wastes in outer islands with no means to manage their wastes

Is this Goal relevant for your country? Highly Partially 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.

Q-1 What specific policies and guidelines are introduced for product standard (towards quality/durability, environment/eco-friendliness, labour standard)?

Lack of capacity

Q-2 What specific energy efficiency schemes are introduced for production, manufacturing and service sector?

Use energy efficient appliances

Q-3 What specific policies are introduced to create green jobs in product and waste sector?

N/A

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

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

Is this Goal relevant for your country? Highly Partially 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.

Q-1 Please share how climate mitigation is addressed in waste management policies and programmes for co-benefits? Open burning is not permitted at the landfill site; segregated green waste for composting.

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

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

Country Name
RMI

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.

High cost for implementing high technology innovations

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)

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

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?

N/A

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.)?

N/A

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

Lack of awareness

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

N/A

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

N/A

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.

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.

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)

- NGOs Industrial Association
 Local Government Academic Institution
 Others, please add/specify ()

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)

- Very high Moderate Low Almost Negligible

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)

- Very high Moderate Low Almost Negligible

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

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

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

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.

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.

Q-1 Provide a list of formal programmes that addresses areas of 3R and resource efficiency as part of the academic curriculum?

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.

Q-3 Please provide a list of academic and research institutions offering PhD programmes in the areas of 3Rs and resource efficiency?

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?

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

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

Is this Goal relevant for your country? Highly Partially 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.

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.

Q-2 What type of coordination mechanism are there among ministries and agencies for a resource efficient economic development?

- Official regular coordination meeting among ministries and agencies
- Official ad-hoc coordination meeting among ministries and agencies
- Informal meeting among ministries and agencies
- Other coordination mechanisms (please add/specify)

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

Limited resources

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

Higher targets for renewable energy use by energy sector; aim for higher return on recycle materials by waste company;

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

Is this Goal relevant for your country? Highly Partially 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.

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?

Not being pursued aggressively

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

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

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.

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.

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.

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

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

Is this Goal relevant for your country? Highly Partially 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.

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

Somewhat

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

RMI EPA Regulations require permit for solid waste landfill and does not allow open burning

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

N/A

Q-4 What are the specific laws, rules and regulations in place to prevent littering in river and water bodies? No rivers in RMI however we are surrounded by ocean and lagoon. There are laws for no littering and no pollutants into the lagoon and ocean but enforcement is weak

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

EPA Water Quality Regulations; MIMRA prevention ocean dumping plastics from fishing vessels

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

Country Name
RMI

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.**

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

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

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.

Q-1 What are major recycling industries in your country?

Q-2 Please specify the regulation on transboundary movement of hazardous waste.

Q-3 If your government has restriction on import of non-hazardous waste or quality control of non-hazardous waste, please list it up.

Q-4 Does your government restrict import of remanufactured goods?

Q-5 Does your government regard remanufactured goods as secondhand goods, and regulate it as secondhand goods?

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

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

Is this Goal relevant for your country? Highly Partially 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?

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

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

Is this Goal relevant for your country? Highly Partially 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> Another assessment of waste to energy viability if new technology can work for smaller scale waste that is received at landfill site.	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i> Lack of technological capacity	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i> National Government to engage with the ADB to conduct feasibility study into the viability of waste to energy at the landfill site	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i> Same as above	
<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 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>	

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

Country Name
RMI

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.

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

Is this Goal relevant for your country? Highly Partially 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.

Q-1 Please describe any past and on-going cooperation with SIDS (Small Island Developing States) countries in 3R areas.

Q-2 Please list 3R related projects linked to climate change, biodiversity, disaster management and sustainable tourism. (This is to be reported by SIDS countries only)

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

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

Is this Goal relevant for your country? Highly Partially 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>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
<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 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.

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.

Q-1 What is the approximate market size (in US\$) of the informal waste sector?

N/A

Q-2 Number of annual labor inspections in waste sector?

N/A

Q-3 Is health insurance a mandatory to all informal workers in waste sector by law?

Q-4 What specific policies and enforcement mechanisms are in place to prevent illegal engagement of children in waste sector?

Children are not allowed inside the landfill site

Q-5 Number of landfill sites accessible to register waste pickers?

Waste pickers are now employee. They follow safety practices like all other employees of the company.

Q-6 Average life span of informal waste workers?

No known study has been formally conducted

Q-7 Any government vaccination programmes for informal waste workers?

They have same vaccination requirements as all other government employees.

Q-8 Any public awareness programmes for informal waste workers on health and safety measures? Yes

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

Limited resources

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

Important policies/projects/master plans the government plans to undertake within next five years (2016~2021)

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

IV. 3R Goals for Cross-cutting Issues

Goal 33 Promote 3Rs taking into account gender considerations.

Q-1 Please give a brief assessment on how the national, provincial and municipal governments incorporate gender considerations in waste reduction, reuse and recycle.

N/A

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

NA

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

N/A

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)

N/A

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.