

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

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

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

Country Report

(Draft)

< Cook Islands >

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

Country 3R Progress Report

Name of the Country:

Name, Designation and Organization Respondent:

Other Ministries, Organizations, Agencies contributing to
Country Report:

Timeline of Submission: **15 February 2022** (Email:
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Note: Kindly fill in Computer-typed and send it in PDF file

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 and COMPUTER-TYPED in the below table and send in PDF format 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)
Email: 3R@uncrd.or.jp

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

Goal 1 Significant **reduction** in the quantity of **municipal solid waste** generated, by instituting policies, programmes, and projects at national and local levels, encouraging both producers and consumers to reduce the waste through greening production, greening lifestyle, and sustainable consumption.

Q-1 What specific 3R policies, programmes and projects, are implemented to reduce the quantity of municipal solid waste?

Legislation:

- Environment Act 2003
- Infrastructure Act 2019
- Environment (Atiu and Takutea) regulations 2008
- Environment (Mitiaro) regulations 2008
- Prohibition on Importation of Plastic Shopping Bags regulation 2012
- Solid and Hazardous Waste Bill (in draft)

Policies & Strategies:

- National Solid Waste Management Strategy 2013-2016
- Cook Islands Single Use Plastic Ban policy 2018-2023
- Solid Waste Management Policy 2016-2026
- JNAP II 2016 – 2020
- NSDP 2016-2020
- Cook Islands State of The Environment Report 2018
- National Environment Policy (in draft)
- Advanced Recovery and Disposal Fee policy (in draft)
- National Infrastructure Investment Plan 2015

Events, Campaigns & Projects:

- Te Ipukarea Society Plastic Free July annual campaign
- Clean up the World annual event
- Tutaka – Public Health inspection regular events
- Environment Day
- Careers expo
- World Oceans day
- Mana Tiaki & Vaka pride programs via Cook Islands Tourism
- Promoting Energy Efficient in the Pacific (PEEP) ADB project
- PacWaste Plus project
- GEF ISLANDS project
- GEF Small Grants Programme
- Minamata Initial Assessment (MIA) country project
- Ozone Depleting Substances (ODS) projects

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

Very High (> 90%)

High (>70%)

Average (50~70%)

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.
<input type="checkbox"/> Low or not satisfactory (< 50%) <input type="checkbox"/> Does not exist	
Q-3 Total annual government expenditure per capita (US\$ per capita) in municipal solid waste management in 2014-2015	
<p>According to the 2014/15 Cook Islands Government Appropriation Bill, NZD\$550,000 was allocated to waste management, roughly equating to USD375,000. The 2016 Cook Islands census count was 17,434, of which 14,802 was resident population. Based on the latter figure, this provides a per capita figure of US\$25 per person.</p> <p>This was complemented by NZD\$2,175,000 (approx. US\$1.5mil) of development funding also received that financial year (2014/2015) from New Zealand for further waste management and sanitation improvement programs.</p>	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
<ul style="list-style-type: none"> • Finance • Enforcement of fines/penalties • Priority • Human resources • Turnover of staff 	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
<ul style="list-style-type: none"> • See section 1 	
Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)	
<ul style="list-style-type: none"> • Solid and Hazardous Waste Bill • Advanced Recovery and Disposal Fee policy • National Environment Policy • Revised Environment Act • NSDA 2020+ • Outer island development plans • Updated National Infrastructure Investment Plan (2021) 	
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 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?	
Not currently, but is included in the Solid and Hazardous Waste Bill (in draft)	
Q-2 What is happening to country's organic waste? (Please check the appropriate box)	
<input type="checkbox"/> mostly landfilled <input type="checkbox"/> mostly incinerated <input type="checkbox"/> both landfilled and incinerated <input checked="" type="checkbox"/> mostly open dumped or open burned	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
<ul style="list-style-type: none"> • Mandate/legislation/regulation • Awareness 	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
<ul style="list-style-type: none"> • Solid and Hazardous Waste Bill (in draft) • Titikaveka Growers Association (TGA) and composting facility • Organic Farmers Association • TIS – worm farm campaign 	
Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)	
<ul style="list-style-type: none"> • Solid and Hazardous Waste Bill (in draft) • Composting good practice, capacity and technical training • Education and Awareness • Updated Outer island development plans • NSDA 2020+ • National Environment Policy • Revised Environment Act • Updated National Infrastructure Investment Plan (2021) 	
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 municipal solid waste)

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

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

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

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

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

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

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

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?

Legislation:

- Environment Act 2003
- Infrastructure Act 2019
- Environment (Atiu and Takutea) regulations 2008
- Environment (Mitiaro) regulations 2008
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- Solid and Hazardous Waste Bill (in draft)

Policies & Strategies:

- National Solid Waste Management Strategy 2013-2016
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- NSDP 2016-2020
- NSDA 2020+
- National Environment Policy (in draft)
- Advanced Recovery and Disposal Fee policy (in draft)
- National Infrastructure Investment Plan 2015

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 (recovery) does not exist
Paper					√
Plastic					√

Metal					√
Construction waste					√
e-waste					√
ODS				√	

(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			√		
Metal		√ (Rarotonga)		General Transport (Private Company)	
Construction waste			√		
e-waste		√(Rarotonga)		PacWaste Program	

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

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

- Public awareness & incentivisation
- Financial mechanisms
- Systems and processes
- Lack of resources (equipment & machinery)
- Receiving markets overseas
- Cost of export

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

Legislation:

- Environment Act 2003
- Infrastructure Act 2019
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- Solid and Hazardous Waste Bill (in draft)

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- Solid Waste Management Policy 2016-2026

- JNAP II 2016 – 2020
- NSDP 2016-2020, NSDA 2020+
- Cook Islands State of The Environment Report 2018
- National Environment Policy (in draft)
- Advanced Recovery and Disposal Fee policy (in draft)
- National Infrastructure Investment Plan 2015, 2021

Events, Campaigns & Projects:

- Te Ipukarea Society Plastic Free July annual campaign
- Clean up the World annual event
- Tutaka – Public Health inspection regular events
- Environment Day
- Careers expo
- World Oceans day
- Mana Tiaki & Vaka pride programs via Cook Islands Tourism
- PacWaste Plus project
- GEF ISLANDS project
- GEF Small Grants Programme
- Minamata Initial Assessment (MIA) country project
- Ozone Depleting Substances (ODS) projects

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

- Solid & Hazardous Waste Bill
- Advanced Recovery & Disposal Fee (ARDF) policy
- National Solid Waste Management Strategy (in prep)
- Plastic Waste Partnership pilot project proposal

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

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

Goal 4 Build **sustainable cities /green cities** by encouraging “**zero waste**” through sound policies, strategies, institutional mechanisms, and multi - stakeholder partnerships (giving specific importance to private sector involvement) with a primary goal of **waste minimization**

Q-1 What specific waste management policies and programmes are introduced to encourage private sector participation in municipal waste management?

Legislation:

- Environment Act 2003
- Infrastructure Act 2019
- Environment (Atiu and Takutea) regulations 2008
- Environment (Mitiaro) regulations 2008
- Prohibition on Importation of Plastic Shopping Bags regulation 2012
- Solid and Hazardous Waste Bill (in draft)

Policies & Strategies:

- National Solid Waste Management Strategy 2013-2016
- Cook Islands Single Use Plastic Ban policy 2018-2023
- Solid Waste Management Policy 2016-2026

I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)	
Goal 4	<p>Build sustainable cities /green cities by encouraging “zero waste” through sound policies, strategies, institutional mechanisms, and multi - stakeholder partnerships (giving specific importance to private sector involvement) with a primary goal of waste minimization</p>
<ul style="list-style-type: none"> • NSDP 2016-2020, NSDA 2020+ • National Environment Policy (in draft) • Advanced Recovery and Disposal Fee policy (in draft) • National Infrastructure Investment Plan 2015, 2021 <p><u>Events, Campaigns & Projects:</u></p> <ul style="list-style-type: none"> • Te Ipukarea Society Plastic Free July annual campaign • Clean up the World annual event • Tutaka – Public Health inspection regular events • Environment Day • Careers expo • World Oceans day • Mana Tiaki & Vaka pride programs via Cook Islands Tourism • Promoting Energy Efficient in the Pacific (PEEP) ADB project • PacWaste Plus project • GEF ISLANDS project • GEF Small Grants Programme • Ozone Depleting Substances (ODS) projects <p>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)</p> <p><input type="checkbox"/> waste collection</p> <p><input type="checkbox"/> resource recovery</p> <p><input type="checkbox"/> waste recycling</p> <p><input type="checkbox"/> waste to energy, composting, etc.</p> <p><input type="checkbox"/> PPP projects in waste sector</p> <p>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</p> <ul style="list-style-type: none"> • Coordination • Financing • Export of waste & Transportation • Public awareness • Reliance on imported goods as small island nation • Infrastructure • Remoteness of outer islands – highly dispersed <p>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</p> <p><u>Legislation:</u></p> <ul style="list-style-type: none"> • Environment Act 2003 • Infrastructure Act 2019 • Environment (Atiu and Takutea) regulations 2008 • Environment (Mitiaro) regulations 2008 • Prohibition on Importation of Plastic Shopping Bags regulation 2012 • Solid and Hazardous Waste Bill (in draft) 	

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
<p><u>Policies & Strategies:</u></p> <ul style="list-style-type: none"> • National Solid Waste Management Strategy 2013-2016 • Cook Islands Single Use Plastic Ban policy 2018-2023 • Solid Waste Management Policy 2016-2026 • NSDP 2016-2020, NSDA 2020+ • Cook Islands State of The Environment Report 2018 • National Environment Policy (in draft) • Advanced Recovery and Disposal Fee policy (in draft) • National Infrastructure Investment Plan 2015, 2021 • Outer island development plans <p><u>Projects:</u></p> <ul style="list-style-type: none"> • Te Ipukarea Society Plastic Free July annual campaign • Clean up the World annual event • Tutaka – Public Health inspection regular events • Environment Day • Careers expo • World Oceans day • Mana Tiaki & Vaka pride programs via Cook Islands Tourism • PacWaste Plus project • GEF ISLANDS project • GEF Small Grants Programme • Minamata Initial Assessment (MIA) country project • Ozone Depleting Substances (ODS) projects 	
<p><i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i></p> <ul style="list-style-type: none"> • Solid & Hazardous Waste Bill • Advanced Recovery & Disposal Fee (ARDF) policy • National Environment Policy (in draft) • Revised Environment Act • NSDA 2020+ • National Solid Waste Management Strategy • Plastic Waste Partnership pilot project proposal • PacWaste Plus project • GEF ISLANDS project • GEF Small Grants Programme • Minamata Initial Assessment (MIA) country project • Ozone Depleting Substances (ODS) projects 	
<p><i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

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

Goal 5 Encourage the **private sector**, including small-and medium-sized enterprises (SMEs) to implement measures to increase **resource efficiency and productivity**, creation of decent work and to improve environmentally-friendly practices through applying environmental standards, clean technologies, and cleaner production.

Q-1 What are the major clean technology related policies aiming to increase energy and resource efficiency of SMEs?

Legislation:

- Environment Act 2003
- Infrastructure Act 2019
- Solid and Hazardous Waste Bill (in draft)

Policies & Strategies:

- National Solid Waste Management Strategy 2013-2016
- Solid Waste Management Policy 2016-2026
- JNAP II 2016 – 2020
- NSDP 2016-2020, NSDA 2020+
- National Environment Policy (in draft)
- Advanced Recovery and Disposal Fee policy (in draft)
- National Infrastructure Investment Plan 2015, 2021

Q-2 What are the capacity building programmes currently in place to build the technical capacity of SMEs in 3R areas?

- GEF Small Grants Programme
- GEF 6 project in renewable energy
- PAC Waste + project
- MFEM Rapid Response Plan
- REDD PEEP ADB project
- Ozone Depleting Substances (ODS) projects

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

- Project/externally driven
- Maintenance limitations/sustainability planning
- Lack of resources – financial & human
- Turn over & migration of technical expertise

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

Legislation:

- Environment Act 2003
- Infrastructure Act 2019
- Environment (Atiu and Takutea) regulations 2008
- Environment (Mitiaro) regulations 2008
- Prohibition on Importation of Plastic Shopping Bags regulation 2012
- Solid and Hazardous Waste Bill (in draft)

Policies & Strategies:

- National Solid Waste Management Strategy 2013-2016
- Cook Islands Single Use Plastic Ban policy 2018-2023
- Solid Waste Management Policy 2016-2026
- NSDP 2016-2020, NSDA 2020+

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.

- National Environment Policy (in draft)
- Advanced Recovery and Disposal Fee policy (in draft)
- National Infrastructure Investment Plan 2015, 2021
- Outer island development plans

Events, Campaigns & Projects:

- Te Ipukarea Society Plastic Free July annual campaign
- Clean up the World annual event
- Tutaka – Public Health inspection regular events
- Environment Day
- World Oceans day
- Mana Tiaki & Vaka pride programs via Cook Islands Tourism
- Promoting Energy Efficient in the Pacific (PEEP) ADB project
- PacWaste Plus project
- GEF ISLANDS project
- GEF Small Grants Programme
- Minamata Initial Assessment (MIA) country project
- Ozone Depleting Substances (ODS) projects

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

Legislation:

- Infrastructure Act 2019
- Solid and Hazardous Waste Bill (in draft)
- Revised Environment Act

Policies & Strategies:

- Solid Waste Management Policy 2016-2026
- JNAP II 2016 – 2020
- NSDP 2016-2020, NSDA 2020+
- Cook Islands State of The Environment Report 2018
- National Environment Policy (in draft)
- Advanced Recovery and Disposal Fee policy (in draft)
- National Infrastructure Investment Plan 2021
- Updated Outer island development plans

Events, Campaigns & Projects:

- Te Ipukarea Society Plastic Free July annual campaign
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- Tutaka – Public Health inspection regular events
- Environment Day
- Careers expo
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- Mana Tiaki & Vaka pride programs via Cook Islands Tourism
- Promoting Energy Efficient in the Pacific (PEEP) ADB project

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.
<ul style="list-style-type: none"> • PacWaste Plus project • GEF ISLANDS project • GEF Small Grants Programme • Minamata Initial Assessment (MIA) country project • Ozone Depleting Substances (ODS) projects 	
<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.
<p>Q-1 What percent of companies and industries have introduced green accounting and voluntary environmental performance evaluation (Ref: ISO 14000)?</p> <p><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</p> <p>Q-2 What percent of companies and industries have introduced social accounting (Ref: SA 8000) in consultation with their workers?</p> <p><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</p> <p>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?</p> <ul style="list-style-type: none"> • NSDA 2020+ • Solid and Hazardous Waste Bill (in draft) • Advanced Recovery and Disposal Fee policy (in draft) • Mana Tiaki & Vaka pride programs via Cook Islands Tourism 	
<p>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</p> <p>Same as previously stated</p>	
<p>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</p>	

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.
Same as previously stated	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Same as previously stated	
<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>	
N/A	
<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>	
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>	
NSDA 2020+	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input type="checkbox"/> Partially <input checked="" 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>	

I. 3R Goals in Urban/Industrial Areas (3Rs in Industrial waste)	
Goal 8	Build local capacity of both current and future practitioners, to enable the private sector (including SMEs) to obtain the necessary knowledge and technical skills to foster green industry and create decent, productive work.
<p>CITTI USP Mana Tiaki certification program Project driven opportunities</p> <p><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></p> <p>Unknown</p>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Same as previously stated	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Same as previously stated	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Same as previously stated	
<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 9	Develop proper classification and inventory of hazardous waste as a prerequisite towards sound management of such waste.
<p><i>Q-1 Is there a systematic classification of hazardous waste? If so, please attach.</i></p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Q-2 What specific rules and regulations are introduced to separate, store, treat, transportation and disposal of hazardous waste?</i></p> <p><u>Internationally (party to):</u></p> <ul style="list-style-type: none"> • Waigani Convention • Stockholm Convention • Basel Convention • Montreal Protocol <p><u>Nationally:</u></p> <ul style="list-style-type: none"> • Environment Act 2003 • Environment (Montreal Protocol) regs 2021 • Standard Operating Guidelines – Handling, Storing & Transportation of flammable refrigerants 	

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.
<ul style="list-style-type: none"> • Infrastructure Act 2019 • Solid & Hazardous Waste Bill (in draft) • Advanced Recovery and Disposal Fee policy (in draft) • Dangerous Goods Act 1984 (with amendments) • Hazardous Substances Policy • Public Health Act 2004 	
<p><i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i></p> <p>Same as previously stated Also, no designated hazardous waste centre Roles & responsibilities for implementation</p>	
<p><i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i></p> <p>Same as previously stated Plus, Ozone Depleting Substances (ODS) project GEF ISLANDS POPs</p>	
<p><i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i></p> <p>Same as previously stated</p>	
<p><i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

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.

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>	
<p>The Ministry of Agriculture does not have a specific policy on minimizing food or crop waste, but carries out awareness sessions with farmers on proper planning and management of planting programs. MOA also advocate on planting to cater for the requirements of the market (supply and demand) to ensure full consumption of crops and vegetables and to value-add commodities for longer shelf life.</p>	
<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>	
<p>Farmers are aware that reducing crop waste contributes to increased food security and the majority are implementing smart and sustainable planting programs because of this.</p>	
<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> Unknown – data not available	
<input type="checkbox"/> Very High (> 20~ 30%) <input type="checkbox"/> High (10~20%) <input type="checkbox"/> Medium (5~10%) <input type="checkbox"/> Low (< 5%) <input type="checkbox"/> Negligible (<1%)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Same as previously stated	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<p>No policies have been developed in this area by the Ministry of Agriculture. MOA utilize information provided by regional and international institutions (SPC, FAO) to support awareness sessions with farmers on minimizing food or crop waste.</p>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
<ul style="list-style-type: none"> • NSDA 2020+ • Agriculture Sector Action Plan 2020-2025 	
<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 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.
Q-1 How much amount of – (a) agricultural biomass waste and (b) livestock waste are grossly generated per annum?	
Unknown (data not collected)	
Q-2 How are most of the agricultural biomass wastes utilized or treated? (Please <u>check all appropriate boxes</u>)	
<input 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 type="checkbox"/> mostly left unutilized or open dumped <input checked="" type="checkbox"/> mostly open burned	
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.	
N/A	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
Same as previously stated	
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)	
Agriculture Sector Action Plan 2020-2025 NSDA 2020+	
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 12	Strengthen regional, national, and local efforts to address the issue of waste, in particular plastics in the marine and coastal environment.
Q-1 What specific policies and regulations are in place to address the issue of plastic wastes in coastal and marine environment?	
Cook Islands National Maritime Transport Policy – Includes small section on protection of the Cook Islands Marine Environment by ensuring compliance from ships with standards set for the prevention of	

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.
<p>pollution of the marine environment. Also mentions compliance with international obligations.</p> <p>Prevention of Marine Pollution Act 1998 – gives effect to the international conventions we are party to: International Convention for the Prevention of Pollution from Ships 1973 and its protocol of 1978; The London Dumping Convention; SPREP Convention (including Protocol for Prevention by Pollution of the South Pacific Region by Dumping 1986, and Protocol Concerning Co-Operation in Combating Pollution Emergencies in the South Pacific Region); International Convention relating to Intervention on the high Seas in cases of Oil Pollution Casualties and its Protocol; International Convention on Civil Liability for Oil Pollution Damage and its protocols, and; International Convention on the Establishment of an International Fund for Compensation of Oil Pollution Damage and its Protocols.</p> <p>The Act outlines laws, and consequences of breaking them, regarding prevention of pollution, dumping and incineration, and miscellaneous provisions. The Act only relates to maritime transport.</p> <p>Maritime Transport Act 2008 – Part 12 of this Act addresses the making of rules and regulations to protect the marine environment, including for the powers of the Secretary to make emergency marine protection rules.</p> <p>MMR doesn't have any policies around this, including relating to fisheries. However, their policies/regs allow them to include measures to address pollution in their fishing licenses, and they have done this before.</p> <p>Others: Environment Act 2003 Water Resources Management Act 2006 National Water Policy 2016 Solid & Hazardous Waste Bill (in draft)</p> <p>Q-2 What extent issue of plastic waste is considered in integrated coastal zone management (ICZM)? (Please check the appropriate box) <input type="checkbox"/> Very much <input checked="" type="checkbox"/> Somehow <input type="checkbox"/> Not at all</p> <p>Q-3 Please provide a list of centre of excellences or dedicated scientific and research programmes established to address the impacts of micro-plastic particulates (<5 mm) on coastal and marine species? If yes, please provide relevant websites.</p> <p>N/A</p>	
<p>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</p> <p>Same as previously stated</p> <p>In addition: Capacity limitations – people & resources. Many people wear multiple hats, have too many things to focus on, so can't focus specifically on each important issue. Issues with being able to report accurately (data collection and information management). Often consultants need to be brought on to work on specific things, which is costly, including drafting of legislation to give effect to international obligations.</p>	
<p>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</p> <p>NSDA 2020+ Coast to coast clean up (NZ)</p>	

III. 3R Goals for New and Emerging Wastes	
Goal 12	Strengthen regional, national, and local efforts to address the issue of waste, in particular plastics in the marine and coastal environment.
Environment Day World Ocean Day Love your Coast Rarotonga	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
NSDA 2020+	
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	
x	1	Take to recycling center / resource recovery facilities
x	4	Take to landfill
x	5	Take to the retailer
		Take to local charity for re-use
X	6	Take to second-hand shop for re-use
		Ship back to the manufacturer
x	3	Ship back to the manufacturer
x	2	Recycle in another country
X	7	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)?

Environment Act 2003
Public Health Act 2004
Infrastructure Act 2019
Solid & Hazardous Waste Bill (in draft)

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

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

Challenges (policy/ institutional/ technological/ financial) faced in implementation:
Data – fragmented or not collected

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

- E-waste projects to export waste from country, conducted in 2010 / 2013 / 2017 / 2018 / 2019.
- PAC Waste Plus project
- GEF ISLANDS project
- GEF Small Grants Programme
- Ozone Depleting Substances (ODS) projects

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.
<ul style="list-style-type: none"> • Minamata Initial Assessment (MIA) country project 	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
<ul style="list-style-type: none"> • NSDA 2020+ • Solid & Hazardous Waste Bill (in draft) • Advanced Recovery and Disposal Fee policy (in draft) • PAC Waste Plus project • GEF ISLANDS project • GEF Small Grants Programme • Ozone Depleting Substances (ODS) projects • Minamata Initial Assessment (MIA) country project 	
<i>Is this Goal relevant for your country?</i> <input 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>	
<ul style="list-style-type: none"> • Basel Convention • Stockholm Convention • Waigani Convention • Montreal Protocol • Environment Act 2003 - Environment (Montreal Protocol) regs 2021 • Solid & Hazardous Waste Bill (in draft) • Advanced Recovery and Disposal Fee policy (in draft) • Dangerous Goods Act 1984 	
<i>Q-2 Do you have required number of well-trained custom or other officials (for airport, sea-port, land border control, etc.) to track illegal export and import of e-waste?</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Same as previously stated	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Same as previously stated	

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

III. 3R Goals for New and Emerging Wastes	
Goal 15	Progressive implementation of “ extended producer responsibility (EPR) ” by encouraging producers, importers, and retailers and other relevant stakeholders to fulfill their responsibilities for collecting, recycling, and disposal of new and emerging waste streams, in particular e-waste.
<i>Q-1 What specific Extended Product Responsibility (EPR) policies are enacted or introduced? (If there is none, then skip Q-2 below)</i>	
At the moment	
<ul style="list-style-type: none"> • 2003 Environment Act • Solid Hazardous Waste Bill (in draft) • Advanced Recovery and Disposal Fee policy (in draft) 	
<i>Q-2 Please provide a list of products and product groups targeted by EPR nationally?</i>	
<ul style="list-style-type: none"> • Plastic • Cans, aluminum • E waste • White ware • Vehicles 	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Same as previously stated	
In addition:	
<ul style="list-style-type: none"> • Public Consultation on the ARDF policy – community take • Seed funding to start ARDF • Tax and tariff custom control, and aligning this with regional/international 	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<ul style="list-style-type: none"> • NSDA 2020+ • Solid Hazardous Waste Bill (in draft) • Advanced Recovery and Disposal Fee policy (in draft) 	

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>	
As above / Same as previously stated	
<i>Is this Goal relevant for your country?</i> <input 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>	
<ul style="list-style-type: none"> • Environment Act 2003 • Public Health Act 2004 • Infrastructure Act 2019 • Solid Hazardous Waste Bill (in draft) 	
<i>Q-2 What is the total annual government expenditure towards healthcare waste management (US\$ per year)?</i>	
Unknown	
<i>Q-3 List the agencies or authorities responsible for healthcare waste management.</i>	
<ul style="list-style-type: none"> • Public Health (TMO) • National Environment Service (NES) • Infrastructure Cook Islands (ICI) 	
<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>	
Same as previously stated	
In addition:	
<ul style="list-style-type: none"> • Burning in open space is not sufficiently regulated 	

III. 3R Goals for New and Emerging Wastes	
Goal 16	Promote the 3R concept in health-care waste management.
<ul style="list-style-type: none"> • Incinerator needed • Landfill is full • Other chemical toxic waste may be burnt in these facilities 	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<ul style="list-style-type: none"> • Incineration proposal • Solid & Hazardous Waste Bill (in draft) • Advanced Recovery and Disposal Fee policy (in draft) 	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Same as previously stated	
<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>	
<ul style="list-style-type: none"> • Renewable energy charts 2016 and Implementation Plans • Climate change Policy/Bill (in draft) • Environment Montreal Protocol Regulations 2021 	
<i>Q-2 What specific energy efficiency schemes are introduced for production, manufacturing and service sector?</i>	
<ul style="list-style-type: none"> • Good practice on refrigerants (Service) – Montreal Protocol • Solar Farm • Renewable energy charts 2016 and Implementation Plans 	
<i>Q-3 What specific policies are introduced to create green jobs in product and waste sector?</i>	
<ul style="list-style-type: none"> • Advanced Recovery and Disposal Fee policy (in draft) 	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<ul style="list-style-type: none"> • Monitoring • Lack of resources • Roles and responsibilities • Local institutional knowledge • Capacity development 	
<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.
Trainings and workshops Good Practice technician training ATP – ODS GWP refrigerants	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Same as previously stated	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 18	Maximize co-benefits from waste management technologies for local air, water, oceans, and soil pollution and global climate change.
<i>Q-1 Please share how climate mitigation is addressed in waste management policies and programmes for co-benefits?</i> <ul style="list-style-type: none"> • Climate Change Bill/Policy (in draft) • Environment Montreal Protocol Regulations – licensing, importation, etc. • IMO • SPREP projects – Pac Waste, Pac Waste Plus • E waste sent to NZ in 2010, 2013, 2017, 2018 and 2019 • PEEP Project – rebating and sending of fridge freezers (ADB project) • Disaster Risk Management Act 2007 – disaster waste • Environment Act – Remedial work 	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i> <ul style="list-style-type: none"> • Synergizing of projects around climate change and waste • Enforcement - lack of teeth in mandates/legislations • Collaboration and partnership within government and also with NGOs and our community 	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i> <ul style="list-style-type: none"> • Pacwaste Plus • GEF ISLANDS project • Updated Outer island development plans 	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i> <ul style="list-style-type: none"> • NSDA 2020+ • Solid Hazardous Waste Bill • Environment Act/ new Bill/ Policy • Disaster Management Act (being amended) 	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> 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.
<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>	
Climate and Disaster Platform Quarterly presentations (NGOs, community and government update presentation on projects being implemented – TIS waste, CITC)	
Public awareness	
<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>	
Rarotonga and Aitutaki Recycling Centre CITC – bulb crusher, recycling of cardboards, separation of waste	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<ul style="list-style-type: none"> • Enforcement • Limited pool of experts • Formal agreements not always in place • More waste generated by growing economy (tourism, etc.) 	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<ul style="list-style-type: none"> • PEEP 2 – rebate fridge freezer, government building light bulbs, street lights, etc. • CITC coco cola – fridge replacement – energy efficient • Pac Waste Programs – General transport company and NES – e-waste and white ware • Puna Bulk waste (car wrecks) program – NZ Aid and GEF small Grants 	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Same as previously stated	
<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 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.

IV. 3R Goals for Cross-cutting Issues	
Goal 20	Strengthen multi-stakeholder partnerships among governments, civil society, and the private sector in raising public awareness and advancing the 3Rs, sustainable consumption and production, and resource efficiency, leading to the behavioural change of the citizens and change in production patterns.
<p>Q-1 Does central government have official dialogue with multi-stakeholders in the process to formulate 3R-related policies and regulations? Which stakeholders are involved in the dialogue? (Please check all applicable)</p> <p> <input checked="" type="checkbox"/> NGOs <input type="checkbox"/> Industrial Association <input checked="" type="checkbox"/> Local Government <input type="checkbox"/> Academic Institution <input type="checkbox"/> Others, please add/specify () </p>	
<p>Q-2 What is the level of NGOs' involvement in 3R, sustainable production and consumption, resource efficiency related promotional activities? (Please check the appropriate box)</p> <p> <input type="checkbox"/> Very high <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Low <input type="checkbox"/> Almost Negligible </p>	
<p>Q-3 What is the level of citizens' awareness on beneficial aspects of 3R, sustainable production and consumption and resource efficiency. (Please check the appropriate box)</p> <p> <input checked="" type="checkbox"/> Very high <input type="checkbox"/> Moderate <input type="checkbox"/> Low <input type="checkbox"/> Almost Negligible </p>	
<p>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</p> <p>Same as previously stated In addition:</p> <ul style="list-style-type: none"> • With the 3R the Government transitioned to 4R and the 5R but all with similar messages. So challenge was adapting to the new initiative • Advocacy was strong but legislation were general and needed regulations 	
<p>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</p> <ul style="list-style-type: none"> • NSDA 2020+ • 3R campaign under NES • Waste expo and school visit to instill message • PEEP project • PacWaste Plus project • GEF ISLANDS project • GEF Small Grants Programme 	
<p>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</p> <ul style="list-style-type: none"> • ARDF Policy (in draft) • Solid Hazardous Waste Bill (in draft) • Revised Environment Act • National Environment Policy (in draft) 	
<p>Is this Goal relevant for your country? <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

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?	
<ul style="list-style-type: none"> • No formal programs or in curriculum • Advocacy work presented by NES, TIS, ICI on the R3s upon calendar activity 	
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.	
<ul style="list-style-type: none"> • No current direct program for school kids • EU training on waste management – 2013-2017 • Career expos 	
Q-3 Please provide a list of academic and research institutions offering PhD programmes in the areas of 3Rs and resource efficiency?	
Nothing directly on waste at national level - topics of climate change, environment, etc. target some aspects	
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?	
University of the South Pacific (USP)	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
Same as previously stated. In addition, no studies committed/target to only waste	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
Train the Trainer – Good Practice in waste Management	
Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)	
Same as previously stated	
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 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.

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 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>	
<ul style="list-style-type: none"> • Office of the Prime Minister (OPM) - NSDA 2020+ and Island Government Act • Infrastructure Cook Islands (ICI) • National Environment Service (NES) • Ministry of Health (Te Marae Ora - TMO) 	
<i>Q-2 What type of coordination mechanism are there among ministries and agencies for a resource efficient economic development?</i>	
<input type="checkbox"/> Official regular coordination meeting among ministries and agencies <input checked="" type="checkbox"/> Official ad-hoc coordination meeting among ministries and agencies <input type="checkbox"/> Informal meeting among ministries and agencies <input type="checkbox"/> Other coordination mechanisms (please add/specify)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Same as previously stated. In addition: <ul style="list-style-type: none"> • Implementing, enforcing, monitoring and evaluating waste components in legislations • Change in leadership – staff turnover • Appetite of politicians and leadership 	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Same as previously stated	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Same as previously stated	
<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 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.
<i>Q-1 What specific policies are introduced to promote green and social responsible procurement?</i>	
<ul style="list-style-type: none"> • MFEM National Public Procurement Guidelines • Solid Hazardous Waste Bill (in draft) • ARDF Policy (in draft) 	
<i>Q-2 Please provide details of eco-labelling schemes of your country.</i>	
New Zealand Standards – most product purchased from NZ Labeling standards – Food Regulation 2014	
<i>Q-3 Please provide a list of criteria for eco-labeled products and services in your country.</i>	
Biodegradable products – plastics, cutleries, etc.	
<i>Q-4 Please provide the list of Ministries and major Government Agencies which have adopted green procurement policy.</i>	
<ul style="list-style-type: none"> • Infrastructure Cook Islands (ICI) <ul style="list-style-type: none"> - ARDF Policy (in draft) - Solid Hazardous Waste Bill (in draft) • National Environment Service (NES) <ul style="list-style-type: none"> - Single Use Plastic Ban Regulations 2012 • MFEM <ul style="list-style-type: none"> - National Public Procurement Guidelines 	
<i>Q-5 What % of municipalities have adopted the green procurement policy?</i>	
Single Use Plastic Bags – 100% Other materials have a phase out period	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Same as previously stated. In addition: <ul style="list-style-type: none"> - Time – having other waste included in a regulation - Currently under the Solid Hazardous Waste Bill these regulation will be planned out, consultations currently still underway. 	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Same as previously stated	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Same as previously stated	

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>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 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>	
Unknown	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Same as previously stated. In addition: <ul style="list-style-type: none"> - Putting a price on trash - Most funds are project (lack of sustainable financing) - Split roles and responsibilities of various agencies/ministries 	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Same as previously stated	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Same as previously stated	
<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 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.

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>	
<ul style="list-style-type: none"> - Environment Act 2003 – littering and dumping (fines) - Public Health Act 2014 – burning - Infrastructure Act 2019 - Solid and Hazardous Waste Bill (in draft) 	
<i>Q-3 Rank the five most important rivers in terms of water quality (BOD values) passing through major cities and urban areas?</i>	
Takuvaine Stream, Avana Stream, Avatiu Stream and Turangi Stream	
<i>Q-4 What are the specific laws, rules and regulations in place to prevent littering in river and water bodies?</i>	
<ul style="list-style-type: none"> - Environment Act 2003 – wetlands, streams - Public Health Act 2014 – directly into the stream 	
<i>Q-5 What are the specific laws, rules and regulations in place to prevent marine littering?</i>	
<ul style="list-style-type: none"> - IMO standards licensing - Ports Authority Act 1994-95 - Prevention of the Marine Pollution Act 1998 - Admiralty Act 2004, - Ship Register Act 2007 - Marine Transport Act 2008 	
See others listed in Goal 12.	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Same as previously stated. In addition: Enforcement and penalising – intentional dumping or accidental	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Same as previously stated	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Same as previously stated	
<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 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>	
<p>General Transport Cook Islands – Private Company T&M Contractors – collection of sorted household waste Rarotonga recycling Centre – Bailing, cleaning and sorting Aitutaki Recycling Centre – same as above</p>	
<i>Q-2 Please specify the regulation on transboundary movement of hazardous waste.</i>	
<p>Treaties below with NES and Ministry of Agriculture:</p> <ul style="list-style-type: none"> - Waigani Convention - Basel Convention - Montreal Protocol - Stockholm Convention <p>Additionally:</p> <ul style="list-style-type: none"> - Dangerous Goods Act 1984 - Prohibition on Importation of Plastic Shopping Bags regulation 2012 - Environment (Montreal Protocol) regs 2021 	
<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>	
As above	
<i>Q-4 Does your government restrict import of remanufactured goods?</i>	
No direct legislation however will be included in new SHW Bill and ARDF Policy	
<i>Q-5 Does your government regard remanufactured goods as secondhand goods, and regulate it as secondhand goods?</i>	
Not at the moment	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Second hand goods is on custom training	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Environment Montreal Protocol Regulation 2021	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Policies in line with the NSDA +2020 to reduce waste to zero	

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.

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?

- Solid and Hazardous Waste Bill (in draft)
- NSDA 2020+
- National Environment Strategy 2022 (internal strategy)

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

Same as previously stated. In addition: roles and responsibility

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>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Same as previously stated. In addition: Waste Audits – Tonkin and Taylors Report 2019 Project waste Audits – NES, Clean up the world	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
Same as previously stated	
<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>	
<i>Incinerator proposal</i>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Same as previously stated. In addition: <ul style="list-style-type: none"> - Not enough waste to generate energy - Legislation - Lack of understanding 	
<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>	
Same as previously stated	
<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>	
<p>EU SPREP Project and NES – Pac Waste General Transport – NES – E-waste Day TIS and NES – Awareness Coco Cola and REDD – Replacing coco cola refrigerators around the country GEF funded projects</p>	
<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>	
<p>Awareness, advocacy and communications SPREP support, advice and guidance</p>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<p>Same as previously stated. In addition: Development of other initiatives around the 4Rs and 5Rs Lessons learnt passed on for other projects</p>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<p>Same as previously stated</p>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
<p>Same as previously stated</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 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>	
<p>Ongoing dialogue and exchanges facilitated by regional institutions such as SPREP, SPC, UNDP, UNEP, etc. as well as project driven (GEF, etc.)</p>	
<i>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)</i>	

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.
GEF 3 and GEF 5 – Biodiversity and climate change GEF 6 – solar	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
Same as previously stated	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
Awareness	
Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)	
<ul style="list-style-type: none"> - JNAP II - NSDA 2020 + - Environment Act - SHW Bill 	
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 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.
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)	
<ul style="list-style-type: none"> • Solid and Hazardous Waste Bill (in draft) • Advanced Recovery and Disposal Fee policy (in draft) • NSDA 2020+ 	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
Same as previously stated – resources, awareness, enforcement, etc.	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
<ul style="list-style-type: none"> • Solid and Hazardous Waste Bill (in draft) • Advanced Recovery and Disposal Fee policy (in draft) • NSDA 2020+ 	
Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)	
As above	

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.
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>	
This section is N/A	
<i>Q-2 Number of annual labor inspections in waste sector?</i>	
<i>Q-3 Is health insurance a mandatory to all informal workers in waste sector by law?</i>	
<i>Q-4 What specific policies and enforcement mechanisms are in place to prevent illegal engagement of children in waste sector?</i>	
<i>Q-5 Number of landfill sites accessible to register waste pickers?</i>	
<i>Q-6 Average life span of informal waste workers?</i>	
<i>Q-7 Any government vaccination programmes for informal waste workers?</i>	
<i>Q-8 Any public awareness programmes for informal waste workers on health and safety measures?</i>	
<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/programs/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 type="checkbox"/> Partially <input checked="" 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>	
Gender mainstreamed throughout government policies and national goals (NSDA 2020+).	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Resources, awareness and understanding	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<ul style="list-style-type: none"> • Solid and Hazardous Waste Bill (in draft) • Advanced Recovery and Disposal Fee policy (in draft) • NSDA 2020+ 	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)</i>	
As above	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

Q- Please provide a brief comprehensive summary of important 3R and resource efficiency policies /programmes/ projects/ master plans of your country.
<ul style="list-style-type: none"> • Solid and Hazardous Waste Bill (in draft) • Advanced Recovery and Disposal Fee policy (in draft) • NSDA 2020+