

Fifth Regional 3R Forum in Asia and the Pacific

“Multilayer Partnerships and Coalition as the Basis for 3Rs Promotion in Asia and the Pacific”
Surabaya, Indonesia, 25-27 February 2014

Country Report

(Draft)

< Samoa >

This country report was prepared by Samoa as an input for the Fifth Regional 3R Forum in Asia and the Pacific. The views expressed herein do not necessarily reflect the views of the United Nations.

Country Report

Name of the Country: SAMOA

Name, Designation and Organization Respondent: Ministry of Natural Resources and Environment -Samoa

Voluntary reporting on progress/achievements/initiatives towards implementation of the *Ha Noi 3R Declaration – Sustainable 3R Goals for Asia and the Pacific (2013-2023)*

With the objective of demonstrating renewed interest and commitment of Asia-Pacific countries towards realizing a promising decade (2013-2023) of sustainable actions and measures for achieving resource efficient and sound material cycle society in the rapidly urbanizing region, the Fourth Regional 3R Forum in Asia-Pacific in 2013 discussed and agreed the “*Ha Noi 3R Declaration – Sustainable 3R Goals for Asia and the Pacific 2013-23*“. The objective of the Country Reporting is to share among the Asia-Pacific countries the progress and achievements made, including various challenges faced, by countries in implementing each of the underlined Goals of the Declaration. It is also expected to help development agencies, donors and multilateral development banks (MDBs) better devise their existing as well as future capacity building and technical assistance programs in the areas of 3Rs and resource efficiency, including building 3R infrastructures. While preparing the country report, it is highly recommended that all other relevant line Ministries/Agencies such as Ministry of Environment, Ministry of Industry, Ministry of Public Works, Ministry of Urban Development, Ministry of Energy, etc., are consulted.

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

Please list below the type of date reports/statistical compendium available in the areas of waste management in your country:

1. Solid Waste Audit Report 2011
5. National Chemical Profile 2011
3. Used oils audit survey 2012
2. Cost-benefit analysis of used oil management options for Samoa, 2013
4. Review of regional e-waste recycling including a model product stewardship approach for Pacific Island Nations 2013
5. Feasibility study for biogas as an alternative on-site wastewater treatment system in the peri-urban area of Vaitele 2013
6. Feasibility Study for the production of Biogas and Organic Fertilizer in the agriculture and food management sectors in Samoa 2012
7. Tafaigata Waste to Energy feasibility study 2013

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration		
I. 3R Goals in Urban/Industrial Areas				
3Rs in municipal solid waste	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.	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ul style="list-style-type: none"> - <i>Promote best available recycling practices and techniques for capacity building and technology transfer that suit local conditions.</i> - <i>Life-cycle approach on waste management into the legal framework for effective enforcement.</i> - <i>Effective and sustainable financing mechanisms for waste streams through promoting of 3R services.</i>

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration
		<p>Examples of pilot projects and/or policies developed or under development – include websites/URLs where relevant</p> <ul style="list-style-type: none"> - <i>Samoa Solid Waste Management Public Private Partnership (PPP) Project (2014 – 2015)</i> - <i>Waste Minimization in the Urban Areas Pilot Project</i> - <i>Review of Solid Waste Management Policy 2001</i> - <i>Draft National Solid Waste Management Strategy</i> - <i>National Chemical and Hazardous Waste Management Policy</i> - <i>National Chemical Management Strategy 2009-2019</i>
		<p>Important Actions you will take in 2014</p> <ul style="list-style-type: none"> - <i>Awareness and educational programs across all sectors to familiarize generators with waste segregation at source and to change behavior to ensure that waste is managed properly.</i> - <i>Effective interagency coordination and cooperation within both the public and private sectors – should substantially improve the management of waste throughout their life-cycle in Samoa.</i> - <i>Monitoring and evaluation to gauge the level of understanding and effectiveness of various chemical-related programs on 3Rs.</i>
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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3Rs in municipal solid waste	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.	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: - <i>Viable options for Investments in organic waste projects</i>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant - <i>Waste Minimization in the Urban Areas Pilot Project in collaboration with J-PRISM and SPREP.</i> - <i>Renewable Energy Community based Biogas utilizing organic and invasive species as feedstock Tafaigata Sludge Treatment Facility Feasibility Study.</i>	
		Important Actions you will take in 2014 - <i>Increase awareness and educational programs of the synergies between improved organic waste management and GHG mitigation that will accelerate the implementation of the 3Rs</i> - <i>Involve other relevant stakeholders especially the Agriculture and Energy sectors in utilizing organic wastes for composting and energy generation initiatives.</i>	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration	
3Rs in municipal solid waste	<p>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.</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Challenges faced in implementation:</p> <ul style="list-style-type: none"> - <i>Private Sector involvement in waste recycling activities</i> - <i>National Information Exchange System for information exchange between Government agencies and the private sector</i> - <i>Limited scale of markets and limited capacity within the recycling facilities.</i>
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ul style="list-style-type: none"> - <i>Waste Minimization in the Urban Areas Pilot Project (2013-2015)</i> - <i>Used/Waste Oil Management Project in the Pacific Region (2012-2014)</i> - <i>E-Waste Project in the Pacific Region (2012-2014)</i> - <i>Plastic Bag Prohibition on Importation Regulations 2013</i> 	
		<p>Important Actions you will take in 2014</p> <ul style="list-style-type: none"> - <i>Conduct a feasibility study on Container Deposit Levy program under the technical assistance of SPREP and JICA.</i> - <i>Stewardship system to manage used oil, e-waste and other recyclable waste materials in Samoa.</i> 	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
3Rs in municipal solid waste	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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ul style="list-style-type: none"> - <i>Generating waste minimization workable opportunities</i> - <i>Promoting Public-Private Partnership for local investments.</i>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <ul style="list-style-type: none"> - <i>Waste Minimization in the Urban Areas Pilot Project. Shibushi City Model Project.</i> - <i>Samoa Solid Waste Management Public Private Partnership (PPP) Project (2014 – 2015)</i> - <i>Used Oil Management Project in the Pacific Region</i> - <i>Develop Waste Minimization Strategy</i> 	
		Important Actions you will take in 2014 <ul style="list-style-type: none"> - <i>Extend scope of waste minimization pilot projects to other areas of Samoa</i> - <i>Increased PPP across all relevant sectors</i> 	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
3Rs in industrial waste	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.	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: - <i>Coordination mechanisms across all sectors.</i> - <i>Practical alternative methods for recycling waste on-island</i>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant - <i>Samoa Solid Waste Management Public Private Partnership (PPP) Project (2014 – 2015)</i> - <i>Waste Minimization in the Urban Areas Pilot Project Renewable Energy Initiatives.</i>	
		Important Actions you will take in 2014 - <i>Community –based waste management and resource recovery and recycling initiatives</i> - <i>Attract private sector investment and expertise in solid waste management operations</i>	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ul style="list-style-type: none"> - <i>Stewardship system for used oil and e-waste in Samoa and the Pacific Region.</i> - <i>Japanese Technical Cooperation Project for Promotion of Regional Initiative on Solid Waste Management in Pacific Island Countries (J-PRISM).</i> - <i>Waste minimization pilot project: promoting 3Rs</i> 	
		<p>Important Actions you will take in 2014</p> <ul style="list-style-type: none"> - <i>Conduct a Feasibility study to develop a Container Deposit Levy for difficult waste</i> - <i>Economic and financial mechanisms to support recycling activities and minimize waste</i> 	
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>	
3Rs in industrial	<p>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</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Challenges faced in implementation:</p> <ul style="list-style-type: none"> - <i>Technical assistant</i>

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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	work.	<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ul style="list-style-type: none"> - <i>Japanese Technical Cooperation Project for Promotion of Regional Initiative on Solid Waste Management in Pacific Island Countries (J-PRISM).</i> - <i>National Chemical and Hazardous Waste Management Policy</i> - <i>Samoa Solid Waste Management Public Private Partnership (PPP) Project (2014 – 2015)</i>
		<p>Important Actions you will take in 2014</p> <ul style="list-style-type: none"> - <i>Incorporating community-based waste management and resource recovery and recycling initiatives.</i> - <i>Capacity enhancement through development of training curricula, modules and tools for PPP pilot projects.</i> - <i>Stewardship system for used oil and e-waste in Samoa</i>
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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3Rs in industrial waste	9	Develop proper classification and inventory of hazardous waste as a prerequisite towards sound management of such waste.	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	<p>Challenges faced in implementation:</p> <ul style="list-style-type: none"> - <i>Tracking system for the monitoring and management of all hazardous waste</i> - <i>Chemical Information Network and availability of data.</i>
	<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ul style="list-style-type: none"> - <i>Used Oil Management Regional Project in the Pacific</i> - <i>Regional Project on E-waste in the Pacific</i> - <i>National Chemical and Hazardous Waste Management Policy</i> - <i>National Chemicals Management Strategy 2008-2018</i> - <i>Waste Management Act 2010</i> 			

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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		Important Actions you will take in 2014 <ul style="list-style-type: none"> - <i>Development of a National Chemical Tracking System to strengthen the sustainable management of safe use of chemicals during their life-cycle (procurement through imports, to the disposal of any chemical or hazardous waste</i> - <i>Regulations for hazardous waste to implement the chemicals and hazardous waste related conventions (Basel, Stockholm, Rotterdam, Waigani and Minamata Conventions)</i> 	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
II. 3R Goals in Rural Areas			
10	<b style="color: red;">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.	Any action had been taken so far? <ul style="list-style-type: none"> <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation:
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration	
		Important Actions you will take in 2014	
		Is this Goal relevant for your country? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
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	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ul style="list-style-type: none"> - <i>Awareness and Capacity to divert waste into material and energy recovery source</i> - <i>Technology Transfer for available and workable options</i> - <i>Sufficiency of data available on existing Technologies applicable for Samoa</i>

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration
	livelihoods in rural areas and poverty reduction, among others.	<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ul style="list-style-type: none"> - <i>Feasibility study for biogas as an alternative on-site wastewater treatment system in the peri-urban area of Vaitele 2013</i> - <i>Feasibility Study for the production of Biogas and Organic Fertilizer in the agriculture and food management sectors in Samoa 2012</i> - <i>Tafaigata Waste to Energy feasibility study 2013</i> - <i>National Greenhouse Gas Abatement Strategy 2008-2018</i> - <i>Energy Sector Plan 2012</i> - <i>National Implementation Plan for POPs 2004</i>
		<p>Important Actions you will take in 2014</p> <ul style="list-style-type: none"> - <i>Promote Integrated Solid Waste Management system based on 3R (Reduce, Reuse, and Recycle) Principle.</i> - <i>Pilot projects on Integrated Solid Waste Management and emerging waste streams including E-waste, waste agricultural biomass, waste plastics etc</i>
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>
III. 3R Goals for New and Emerging Wastes		

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration	
12	Strengthen regional, national, and local efforts to address the issue of waste, in particular plastics in the marine and coastal environment.	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ul style="list-style-type: none"> - <i>Economic incentives for non-desirable items such as plastics bags</i> - <i>Regulatory tools to prevent illegal disposal of plastics into marine environment.</i>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <ul style="list-style-type: none"> - <i>Waste Minimization in the Urban Areas Pilot Project 2013-2014</i> - <i>Mangrove Ecosystem for Climate Change and Livelihood (MESCAL)</i> - <i>Enforcement of Plastic Bag Prohibition on Importation Regulations 2006.</i> - <i>Waste Management Act 2010</i> 	
		Important Actions you will take in 2014 <ul style="list-style-type: none"> - <i>Monitoring and enforcement of Waste Management Act 2010 to reduce environmental pollution and prevent illegal activities.</i> - <i>Introduce Waste to Energy initiatives for converting waste plastics into biofuel.</i> 	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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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.	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ul style="list-style-type: none"> - <i>Capacity building of recycling businesses</i> - <i>Product stewardship approach to ensure export of all e-waste to overseas for recycling and disposal</i>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <ul style="list-style-type: none"> - <i>Review of Regional E-waste Recycling including a Model Stewardship Approach for Pacific Island Nations 2013.</i> - <i>Waste Minimization in the Urban Areas Pilot Project 2013-2014</i> 	
		Important Actions you will take in 2014 <ul style="list-style-type: none"> - <i>Develop Regulations under the existing Waste Management Act 2010 to monitor recycling businesses and manage e-waste in Samoa</i> 	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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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.	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ul style="list-style-type: none"> - <i>Monitoring and Controlling transboundary movements and disposal of hazardous waste of</i> - <i>Globally Harmonized System for all chemical imports and electronic goods.</i>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <ul style="list-style-type: none"> - <i>Used Oil Regional Project</i> - <i>E-waste Pilot Project in the Pacific</i> - <i>Strategic Approach to International Chemicals Management Project</i> - <i>Waste Management Act 2010</i> 	
		Important Actions you will take in 2014 <ul style="list-style-type: none"> - <i>Tracking system for monitoring of the chemical and electronic life-cycle (Cradle to Grave)</i> - <i>Develop regulations to implement the relevant conventions (Basel, Rotterdam, Stockholm, Waigani and Minamata Conventions).</i> 	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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		Is this Goal relevant for your country? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
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.	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ul style="list-style-type: none"> - <i>Practical options for cost-benefit Stewardship System to monitor and dispose of emerging waste streams (e-waste, used oil, etc)</i> - <i>Promote PPP approach in waste recycling activities</i>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <ul style="list-style-type: none"> - <i>Waste Minimization in the Urban Areas Pilot Project-issuing of recyclable receptacles to some supermarkets and hotels within the pilot site.</i> - 	
		Important Actions you will take in 2014 <i>-Promotion of waste minimization and promotion of recycling through waste segregation.</i>	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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16	<p>Promote the 3R concept in health-care waste management.</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input type="checkbox"/> Some (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Challenges faced in implementation:</p> <ul style="list-style-type: none"> - <i>Compliance with Best Available Techniques or Best Environmental Practice specified by the Stockholm Convention and WHO standards.</i> - <i>Storage, Treatment and disposal of obsolete pharmaceuticals and other hazardous waste.</i> - <i>Emissions from incinerator</i> - <i>Unwanted charitable donations including expired health products</i>
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ul style="list-style-type: none"> - <i>Samoa Health Sector Management Project</i> - <i>Draft National Health-care waste Management Plan</i> - <i>Health-care Waste Policy</i> - <i>National Chemical and Hazardous Waste Management Policy</i> 	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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		Important Actions you will take in 2014 - <i>Monitoring Plan to measure waste operations and maintenance performance of the health services to maintain a good standard of health-care waste management</i> - <i>Establish a take-back mechanism in order to return to suppliers unwanted and obsolete health aid</i>	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
IV. 3R Goals for Cross-cutting Issues			
17	Improve resource efficiency and resource productivity by greening jobs nation-wide in all economic and development sectors	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation:
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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		Important Actions you will take in 2014	
		Is this Goal relevant for your country? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
18	Maximize co-benefits from waste management technologies for local air, water, oceans, and soil pollution and global climate change.	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation:
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant	
		Important Actions you will take in 2014	
		Is this Goal relevant for your country? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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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.	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ul style="list-style-type: none"> - <i>Assessment of 3R Technologies where economically profitable, beneficial for the environment and adapted to the local social conditions.</i> - <i>Reliable information, data, and communication for proper assessment of 3R activities.</i>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <ul style="list-style-type: none"> - <i>Feasibility study for biogas as an alternative on-site wastewater treatment system in the peri-urban area of Vaitele 2013</i> - <i>Feasibility Study for the production of Biogas and Organic Fertilizer in the agriculture and food management sectors in Samoa 2012</i> - <i>Tafaigata Waste to Energy feasibility study 2013</i> - <i>Waste Minimization in the Urban Areas Pilot Project in collaboration with J-PRISM and SPREP.</i> 	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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	behavioural change of the citizens and change in production patterns.	<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ul style="list-style-type: none"> - <i>Waste Minimization in the Urban Areas Pilot Project</i> - <i>National Chemical and Hazardous Waste Management Policy</i> - <i>National Waste Policy 2001</i> - <i>National Chemical Management Strategy</i> - <i>Draft National Solid Waste Management Strategy</i>
		<p>Important Actions you will take in 2014</p> <ul style="list-style-type: none"> - <i>Incorporating 3R concepts at all levels of education.</i> - <i>Conduct workshops/demonstrations at schools and community levels and strengthen PPP with private sector.</i> - <i>Mainstreaming waste management into national development plans.</i>
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration	
21	<p>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.</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Challenges faced in implementation:</p>
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p style="padding-left: 40px;">- <i>Awareness and Educational Programs across education sector and community</i></p>	
		<p>Important Actions you will take in 2014</p> <p style="padding-left: 40px;">- <i>Incorporating 3R concepts at all levels of education.</i></p>	
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration	
22	<p>Integrate the 3R concept in relevant policies and programmes, of key ministries and agencies such as Ministry of Environment, Ministry of Agriculture, Forestry and Fisheries, Ministry of Industry, Ministry of Trade and Commerce, Ministry of Energy, Ministry of Water Resources, Ministry of Transport, Ministry of Health, Ministry of Construction, Ministry of Finance, Ministry of Labour, Ministry of Land and Urban Development, Ministry of Education, and other relevant ministries towards transitioning to a resource-efficient and zero waste society.</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Challenges faced in implementation:</p> <ul style="list-style-type: none"> - <i>Capacity Building of relevant stakeholders</i> - <i>Centralized Information System for data/information exchange</i>
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ul style="list-style-type: none"> - <i>Strengthen inter-ministerial coordination to avoid inconsistencies among sectoral policies in promoting the 3Rs.</i> 	
		<p>Important Actions you will take in 2014</p> <ul style="list-style-type: none"> - <i>Promoting 3Rs and integrate into new economic development modules</i> 	
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration	
23	Promote green and socially responsible procurement at all levels, thereby creating and expanding 3R industries and markets for environmentally-friendly goods and products.	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation:
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant	
		Important Actions you will take in 2014	
		Is this Goal relevant for your country? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
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	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation:

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
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 <i>Basel Convention</i> , which contributes to the reduction of negative environmental impacts and the effective management of resources.	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation:
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant	
		Important Actions you will take in 2014	
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.	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation:

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p><i>- Develop a system to facilitate the exchange of national and international information and data between the regulating agencies and among the Government and non-Governmental stakeholders.</i></p>	
		<p>Important Actions you will take in 2014</p> <ul style="list-style-type: none"> - <i>Conduct waste audit in the urban areas.</i> - <i>Promote information exchange across all sectors for 3Rs sustainability.</i> 	
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>	
28	Promote heat recovery (waste-to-energy), in case wastes are not re-usable or recyclable and proper and sustainable management is secured.	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some (design – piloting)</p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Challenges faced in implementation:</p>
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p>	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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		Important Actions you will take in 2014	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
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.	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: - Capacity building for Technology transfer
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant - <i>Ongoing Japanese Technical Cooperation Project for Promotion of Regional Initiative on Solid Waste Management in Pacific Island Countries (J-PRISM) through training, capacity building and sharing of information amongst participating countries.</i> - <i>Used Oil Management Regional project in the Pacific</i> - <i>E-waste Pilot project in the Pacific Region</i>	
		Important Actions you will take in 2014 - <i>Mainstream 3Rs into policies of other government ministries.</i> - <i>Promote PPP approach for 3Rs activities.</i>	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
30	Pay special attention to issues and challenges faced by developing countries including SIDS in achieving sustainable development.	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ul style="list-style-type: none"> - <i>Compliance with obligations and best environmental practices and techniques of the Basel, Rotterdam, Stockholm, Waigani and the Minamata Conventions.</i> - <i>Adopting an Integrated Solid Waste Management system to prevent, recycle and manage waste take into consideration social, economic, technical and environmental factors that best suit Samoa's needs and condition.</i> - <i>Public-Private Partnership to guarantee self-sustainable, charge-based and community supported waste management system with an emphasis on 3Rs.</i> - <i>Availability of financing to support recycling operations and technology transfer and guidelines to support SIDS.</i>

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ul style="list-style-type: none"> - <i>Waste Management Act 2010</i> - <i>Waste Policy 2001</i> - <i>National Chemical and Hazardous Waste Management Policy</i> - <i>National Chemical Management Strategy</i> - <i>Draft National Solid Waste Management Strategy</i> - <i>National Chemical Profile</i>
		<p>Important Actions you will take in 2014</p> <ul style="list-style-type: none"> - <i>Promote and exchange community and regional-based and waste recycling initiatives in compliance with best available and environmental practices and techniques identified.</i> - <i>Create awareness among the communities for their shared responsibility for waste management and capacity building support.</i>
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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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.	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ul style="list-style-type: none"> - <i>Limited scale of markets for recycled materials.</i> - <i>Take-back mechanisms e.g unwanted charitable aid.</i>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <ul style="list-style-type: none"> - <i>Japanese Technical Cooperation Project for Promotion of Regional Initiative On Solid Waste Management in Pacific Island Countries.</i> - <i>Strategic Approach to International Chemicals Management Project</i> 	
		Important Actions you will take in 2014 <i>Feasibility study for a Container Deposit Levy to promote the “Return” concept for difficult wastes such as plastics.</i>	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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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.	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation:
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant.	
		Important Actions you will take in 2014	
		Is this Goal relevant for your country? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
33	Promote 3Rs taking into account gender considerations.	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: - <i>Shared responsibility and vigilant support among the main relevant stakeholders for effective implementation and development of waste systems and services in Samoa.</i>

Fifth Regional 3R Forum in Asia and the Pacific 25-27 February 2014, Surabaya, Indonesia

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		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ul style="list-style-type: none"> - <i>Japanese Technical Cooperation Project for Promotion of Regional Initiative on Solid Waste Management in Pacific Island Countries (J-PRISM) through training, capacity building and sharing of information amongst participating countries.</i>
		<p>Important Actions you will take in 2014</p> <ul style="list-style-type: none"> - <i>Engage men, women and children in awareness programs and workshops for effective feedback and capacity building on waste issues.</i>
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>