

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)

< Malaysia >

This country report was prepared by Malaysia 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.

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

Country Report

Name of the Country: MALAYSIA

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

Other Organizations contributing to Country Report:

(**Note:** Though a number of key line Ministries of MALAYSIA such as Ministry of Natural Resources and Environment, Ministry of International Trade and Industry, and Ministry of Urban Wellbeing, Housing and Local Government, are invited to Fifth Regional 3R Forum in Asia-Pacific, only one consolidated joint country report is requested)

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

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 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: 1) Educating the Public 2) Enforcement 3) Limited Treatment & Recycling Facilities
	Examples of pilot projects and/or policies developed or under development – include websites/URLs where relevant 1) Food Bank http://www.mbpj.gov.my/web/guest/pj-city-food-bank 2) Biomass Town http://marcomm.upm.edu.my/news/v1/?show=news&id=32 3) Composting http://umnews.um.edu.my/highlights-view.php?news_id=239 http://www.dbku.sarawak.gov.my/modules/web/page.php?id=118&menu_id=0&sub_id=125 http://kitaq-compost.net/sites/default/files/KitaQDocuments/2012%20Seminar%20Files/2012_Seminar_Hang%20Tuah%20Jaya.pdf 4) Waste Cooking Oil http://en.selangorku.com/9659/mbsa-signs-cooking-oil-recycling-programme-mou/			
	Important Actions you will take in 2014 1) Introduce and implement National Strategic Plan for Food Waste Management in Malaysia 2) Operation of Construction & Demolition (C&D) Facility in Kuala Lumpur with 300 t/d capacity 3) Operations of four (4) mini incinerators			
	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	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: 1) Education and public awareness 2) Targeting commercial and businesses 3) Limited Treatment Facilities
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Food Bank http://www.mbpj.gov.my/web/guest/pj-city-food-bank 2) Utilizing AD in STP to treat food waste from hotels and restaurants and sludge from STP	
		Important Actions you will take in 2014 1) Introduce and implement National Strategic Plan for Food Waste Management in Malaysia	
		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	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.	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: 1) Education and public awareness 2) Limited recycling facilities (i.e. MRF) 3) No regulation on Take-back system and deposit-refund system
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Separation at source Policy http://malaysianlaw.my/attachments/PUA-307-Solid-Waste-And-Public-Cleansing-Management%201_23751.pdf 2) Building of eight (8) new sanitary landfills with MRF Facility 3) Introducing collection of recyclables from household once a week	

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 1) Operation of eight (8) new sanitary landfills with MRF Facility	
		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: 1) Public Awareness 2) Political Support & Budget
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Iskandar Malaysia, Johor http://sustainableiskandar.com.my/	
		Important Actions you will take in 2014 1) Assist in the solid waste management development in Iskandar Malaysia, Johor and other places	
		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	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:

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	
	through applying environmental standards, clean technologies, and cleaner production.	<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant To encourage private sector to increase resource efficiency, companies which undertake conservation of energy for own consumption are eligible for Investment Tax Allowance (ITA) of 100% on the qualifying capital expenditure incurred within five years. The allowance can be offset against 100% of the statutory income for each year of assessment.</p>	
		<p>Important Actions you will take in 2014 Any unutilised allowances can be carried forward until fully utilised.</p>	
		<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 waste	6 Promote the greening of the value chain by encouraging industries and associated suppliers and vendors in socially responsible and inclusive ways.	<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)	Challenges faced in implementation:
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p>	
		<p>Important Actions you will take in 2014</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	
3Rs in industrial waste	7 Promote industrial symbiosis (i.e., recycling of waste from one industry as a resource for another), by providing relevant incentives and support.	Any action had been taken so far?	Challenges faced in implementation:
		<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)	None
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant Companies undertaking waste recycling activities that are high value-added and use high technology are eligible for Pioneer Status or ITA. These activities which include the recycling of agricultural wastes or agricultural by-products, recycling of chemicals and the production of reconstituted wood-based panel boards or products are eligible for:	
		i. Pioneer Status, with income tax exemption of 70% of the statutory income for a period of five years. Unabsorbed capital allowances as well as accumulated losses incurred during the pioneer period can be carried forward and deducted from the post pioneer income of the company; or ii. Investment Tax Allowance of 60% on the qualifying capital expenditure incurred within a period of five years. The allowance can be offset against 70% of the statutory income in each year of assessment. Any unutilised allowances can be carried forward to subsequent years until fully utilised.	
Important Actions you will take in 2014 Continuing of these policies implemented.			
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 industrial waste	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.	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:
		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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
3Rs in industrial waste	9 Develop proper classification and inventory of hazardous waste as a prerequisite towards sound management of such waste.	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 checked="" type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: Lack of experts on classification of hazardous waste
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant E-Swiss already implemented	
		Important Actions you will take in 2014 Enhancing existing E-Swiss system especially on chemical waste properties.	
		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	
II. 3R Goals in Rural Areas			
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.	Any action had been taken so far? <input checked="" 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 checked="" 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 livelihoods in rural areas and poverty reduction, among others.	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: 1) To get uniform quality product 2) To convince farmers on adopting of 3R on the use of agriculture biomass & livestock waste
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Training 2) Organic Village in Machang, Kelantan 3) Manure Compost Entrepreneur from Organic Waste	
		Important Actions you will take in 2014 -	

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 checked="" type="checkbox"/> Partially Agriculture : Yes Veterinar : Partially	
III. 3R Goals for New and Emerging Wastes			
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: 1) Public Awareness and Education 2) Limited Facilities 3) Remote Areas
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Clean Coast Index for Coastal Cleanliness in Malaysia http://www.mima.gov.my/mima/application-of-a-clean-coast-index-for-coastal-cleanliness-in-malaysia/	
		Important Actions you will take in 2014 1) Discussion with relevant stakeholders to look into this matter	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
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	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: To phase out the old technologies used by the e-waste recovery facility.

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	
	safety aspects of those involved.	<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant A study on Environmental Sound Management on the E-waste recovery facilities in Malaysia The objective of the study to ensure the facilities in Malaysia are adopting recent technology and in environmentally sound manner. This study will also assist in the future direction of e-waste recycling.</p>	
		<p>Important Actions you will take in 2014 To recommend state of the art technology in e-waste recovery to relevant stakeholders.</p>	
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>	
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.	<p>Any action had been taken so far?</p> <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)	<p>Challenges faced in implementation: Return shipment back to the origin country as specified under Article 9 of the Basel Convention.</p>
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant SOP on Illegal Import and Export of Hazardous Waste.</p>	
		<p>Important Actions you will take in 2014 Developing and documenting SOP on Illegal Import and Export of Hazardous Waste.</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	
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: 1) Public Awareness 2) Lack of cooperation from the producer/importers/retailers and other stakeholder
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant The Project for Model Development for E-waste collection, segregation and transportation from household for recycling (JICA 2013). This project were fully funded by Japan International Cooperation Agency (JICA) and was launched in Dec 2013 with the objective to promote the mechanism of e-waste collection and proper disposal.	
		Important Actions you will take in 2014 Drafting regulation related to the EPR.	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
16	Promote the 3R concept in health-care waste management.	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: At this point, the Ministry still in the planning phase. Implementation will be carried out when the concession agreement signed between the Ministry and the appointed companies. Among the challenges to be faced is the difficulty of getting public involvement or hospital staff in making programs on 3R

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	
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Fund approved by government 2014 for 3R program in all governments hospitals 2) Composting pilot projects in the government hospitals 3) Rain water harvesting facility in the government hospitals	
		Important Actions you will take in 2014 To place the infrastructure (e.g. recycling bins, collection centers) and to implement awareness programs in the government hospitals	
		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 generating jobs nation-wide in all economic and development sectors	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:
		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 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	
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 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:
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant Utilizing AD in STP to treat food waste and sludge from STP	
		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	
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: 1) Budget Constraint
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Biomass Town Sri Serdang	
		Important Actions you will take in 2014 1) Continuous Support of research and development in promoting 3R	
		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	
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.	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: 1) Budget Constraint 2) Public Apathy
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Programs and activities with Malaysian Environmental NGOs (MENGO) 2) Programs with Banks, Highway Concessionaires etc. 3) Programs with other Ministries in Putrajaya.	
		Important Actions you will take in 2014 1) Continuing partnership towards programs and activities by MENGO and other NGOs	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
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.	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: 1) Budget Constraint 2) Syllabus on 3R is not yet integrated in the formal education levels
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Recycling Clubs at schools http://www.ppsppa.gov.my/docfile/kitar-semula/ModulSekolahMenengah.pdf 2) Recycling Banks at schools http://www.ppsppa.gov.my/index.php/3r/recycle-kitar-semula	

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 1) Currently 100 schools participated in recycling clubs up to 2013. Targeting another 100 in 2014. 2) Currently 434 schools participated in recycling banks up to 2013. Targeting another 100 in 2014.	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
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.	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: 1) Lack of planning and implementation
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Construction & Demolition Waste Regulation – Participation from Ministry of Works, Construction Industry Development Board & relevant Local Authorities.	
		Important Actions you will take in 2014 1) Implementation and enforcement of the Regulation 2) Continue to work with other Ministries to integrate the 3R concept in their respective Ministries	
		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	
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 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: 1) Information dissemination 2) Apathy among the players
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Circular on Government Green Procurements 2) Green Labeling	
		Important Actions you will take in 2014 1) Gathering information on Green Procurements 2) Continuous certifications of Eco Label by SIRIM	
		Is this Goal relevant for your country? <input checked="" 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 improve resource/energy efficiency.	Any action had been taken so far? <input checked="" 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: 1) Political backlashed
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant	
		Important Actions you will take in 2014	

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	
25	<p>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.</p>	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: 1) Attitude and mindset 2) Various locations of illegal dumpsites 3) Lack of enforcement
Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Dumping Hotline 1-800-88-7474 2) Open Burning 1-800-88-2727			
Important Actions you will take in 2014 1) Continuous Promotions and Awareness Program 2) Continuous Enforcement			
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 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: To define used EEE and e-waste (schedule waste) for recycling or direct reuse
Examples of pilot projects and/or policies developed or under development – include URLs where relevant Enforcing the Environmental Quality Act, 1974 that is related to scheduled waste.			

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 Revising of Scheduled Waste Regulations 2005.	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	
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: 1) Difficulties in getting data from informal sectors 2) No complete database on 3R
Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) National waste repository			
Important Actions you will take in 2014 1) Developing database framework			
Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially			
28	Promote heat recovery (waste-to-energy), in case wastes are not re-usable or recyclable and proper and sustainable management is secured.	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: 1) Budget Constraint 2) Limited Facilities 3) Public Acceptance

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	
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1) Waste-to-energy Plant, Taman Beringin Kuala Lumpur	
		Important Actions you will take in 2014 1) Pre-qualification for tender	
		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 checked="" 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 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 checked="" 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	
		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 checked="" type="checkbox"/> Partially	
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 checked="" 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 checked="" type="checkbox"/> No <input type="checkbox"/> Partially	
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 checked="" 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	
		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 checked="" 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?	Challenges faced in implementation:
		<input checked="" 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)	
		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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	