

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)

<Singapore>

This country report was prepared by Singapore 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.

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Country Report

Name of the Country: SINGAPORE

Name, Designation and Organization Respondent: National Environment Agency - Singapore

Other Organizations contributing to Country Report:

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.

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

1.....Information can be found at NEA’s website at this link

<http://app2.nea.gov.sg/energy-waste/waste-management/waste-statistics-and-overall-recycling>

2.....

3.....

4.....

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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	<p>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.</p>	<p>Any action had been taken so far?</p> <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>	<p>Challenges faced in implementation:</p> <p>It is common that companies embark on waste reduction projects only if there is a net financial benefit.</p>
			<p>Examples of pilot projects and/or policies developed or under development – include websites/URLs where relevant</p> <p>Waste reduction at source is one of Singapore’s waste management strategies. This includes the Singapore Packaging Agreement (SPA), a joint initiative by the NEA, private sector and non-governmental organisations (NGOs), to provide a platform and structure for industries to collaborate with the government to reduce packaging waste from consumer products and the supply chain. Refer to the following URL for details: http://app2.nea.gov.sg/energy-waste/waste-management/singapore-packaging-agreement</p>	

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Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration	
		<p>Important Actions you will take in 2014</p> <p>Continue to promote recycling efforts eg support waste reduction projects under the 3R Fund scheme and lease out land plots for horticultural waste recycling in the recycling park.</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 municipal	<p>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</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 checked="" 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>To create a behavioural change in residents to increase recycling rates.</p>

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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 URLs where relevant</p> <p>Several recycling programmes have been launched to promote waste minimisation and recycling in homes, schools, industrial estates, etc. Enhancements to the National Recycling Programme (NRP) to provide more recycling bins with more frequent collection as well as additional garden waste collection for recycling is being progressively implemented. A Save-As-You-Reduce (SAYR) pilot project to study the effectiveness of usage-based pricing for waste collection is in progress. Refer to the following URL for details: http://app2.nea.gov.sg/energy-waste/recycling/recycling-programmes</p> <p>Various e-waste take-back programmes have been initiated by retailers and suppliers such as Starhub, Panasonic, Canon, Dell, HP, Toshiba, Nokia and Motorola to collect used computers, printers, ink and toner cartridges and telecommunications products for recycling. Refer to the following URL for details: http://app2.nea.gov.sg/energy-waste/recycling/other-take-back-programmes</p> <p>Funding for projects to reduce waste is available under its 3R Fund or IES Fund. Refer to the following URL for details: http://app2.nea.gov.sg/grants-awards/3r-fund/about-the-fund http://app2.nea.gov.sg/grants-awards/green-technology/innovation-for-environmental-sustainability-(ies)-fund</p>

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Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration	
		Important Actions you will take in 2014 To continue to raise overall recycling rate to achieve the long term targets 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 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: Private companies will embark on waste reduction projects only if there is a net financial benefit.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant Training and certification has been made compulsory for all licensed waste collectors to improve the safety standards and productivity of waste collectors.	
		Important Actions you will take in 2014 Ensuring all workers of licensed waste collectors are trained and certified.	

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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	6 Promote the greening of the value chain by encouraging industries and associated suppliers and vendors in socially responsible and inclusive ways.	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: Private companies will embark on waste reduction projects only if there is a net financial benefit.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant The Singapore Packaging Agreement (SPA), a joint initiative by the NEA, private sector and non-governmental organisations (NGOs), provides a platform and structure for industries to collaborate with the government to reduce packaging waste from consumer products and the supply chain. Refer to the following URL for details: http://app2.nea.gov.sg/energy-waste/waste-management/singapore-packaging-agreement	

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		<p>Important Actions you will take in 2014</p> <p>The SPA was renewed in 2012 for another 5 years and aims to achieve 315 signatories with an annual reduction of 6,500 tonnes of waste annually.</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	<p>7 Promote industrial symbiosis (i.e., recycling of waste from one industry as a resource for another), by providing relevant incentives and support.</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>Private companies will embark on waste reduction projects only if there is a net financial benefit.</p>

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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 URLs where relevant</p> <p>Funding for projects to reduce waste are available under its 3R Fund or IES Fund. Refer to the following URL for details: http://app2.nea.gov.sg/grants-awards/3r-fund/about-the-fund http://app2.nea.gov.sg/grants-awards/green-technology/innovation-for-environmental-sustainability-(ies)-fund</p>		
		<p>Important Actions you will take in 2014</p> <p>Continue to co-fund innovative waste reduction projects through the 3R fund.</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	8	<p>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 type="checkbox"/> Some (design – piloting)</p> <p><input checked="" 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>Good business models are required.</p>

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		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>Singapore’s waste collection industry has been fully privatized. Two of our 4 WTE plants are operated by the private sector under a PPP system. All recycling activities are undertaken by private companies.</p>	
		<p>Important Actions you will take in 2014</p> <p>Ongoing activities.</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	<p>9 Develop proper classification and inventory of hazardous waste as a prerequisite towards sound management of such waste.</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 checked="" type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Challenges faced in implementation:</p>

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		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>The collection and treatment of hazardous waste are governed by law and a licence is required. The movement of such waste is controlled under an e-tracking system.</p> <p>Important Actions you will take in 2014</p> <p>Continue to ensure all hazardous wastes are properly managed in accordance with existing regulations</p> <p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>	
II. 3R Goals in Rural Areas			
10	<p>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</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>

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Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration	
	consumers.	Examples of pilot projects and/or policies developed or under development – include URLs where relevant <p style="text-align: center;">NOT APPLICABLE</p> 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 livelihoods in rural areas and poverty reduction, among others.	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 <p style="text-align: center;">NOT APPLICABLE</p> Important Actions you will take in 2014	

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		<p>Important Actions you will take in 2014</p> <p>Continue to ensure all waste are properly managed and sent to approved disposal or recycling facilities in accordance with existing regulations.</p> <p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>	
13	<p>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</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>

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	<p>safety aspects of those involved.</p>	<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>Various e-waste take-back programmes have been initiated by retailers and suppliers such as Starhub, Panasonic, Canon, Dell, HP, Toshiba, Nokia and Motorola to collect used computers, printers, ink and toner cartridges and telecommunications products for recycling. Refer to the following URL for details: http://app2.nea.gov.sg/energy-waste/recycling/other-take-back-programmes</p> <p>A project supported under the 3R Fund has been launched to collect and treat discarded white goods.</p>
		<p>Important Actions you will take in 2014</p> <p>Support existing efforts of local retailers, suppliers and e-waste recyclers.</p>
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>

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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 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: Not applicable
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant Singapore is party to a number of international agreements that provides guidelines or regulations on issues affecting the environment, often in areas with transboundary implications. Refer to the following URL for details: http://app2.nea.gov.sg/anti-pollution-radiation-protection/chemical-safety/multilateral-environmental-agreements	
		Important Actions you will take in 2014 Ongoing enforcement actions	

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		Is this Goal relevant for your country? <input checked="" 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: Due to small e-waste volume, e-waste recyclers find it difficult to operate a cost effective e-waste recycling process
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant Various e-waste take-back programmes have been initiated by retailers and suppliers such as Starhub, Panasonic, Canon, Dell, HP, Toshiba, Nokia and Motorola to collect used computers, printers, ink and toner cartridges and telecommunications products for recycling. Refer to the following URL for details: http://app2.nea.gov.sg/energy-waste/recycling/other-take-back-programmes	

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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	
16	Promote the 3R concept in health-care waste management.	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: Not applicable
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant Infectious waste, pathological waste, contaminated sharps and other contaminated waste from treatment areas are considered as biohazardous wastes which need special handling and disposal. Infectious waste, in addition, will need pre-treatment before it is disposed of as biohazardous waste. Biohazardous wastes are required to be disposed of by licensed hospital waste contractors.	

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		Important Actions you will take in 2014	
		Nil	
		Is this Goal relevant for your country? <input type="checkbox"/> Yes <input checked="" 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?	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	

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		<p>Important Actions you will take in 2014</p> <p>Initiate feasibility study for an Integrated Waste Management Facility (IWMF) that would</p> <ul style="list-style-type: none"> • Maximize resource recovery • Maximize energy recovery • Minimize environmental impact and land footprint • Co-locate with facilities using recovered energy • Incorporate waste management education centre 	
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>	
19	<p>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</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>

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	private sector, and scientific communities.	<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>Organising forums such as the CleanEnviro Summit Singapore to facilitate exchange of ideas and linkages internationally and locally.</p>	
		<p>Important Actions you will take in 2014</p> <p>Organising the CleanEnviro Summit Singapore 2014 in Jun 2014.</p>	
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>	
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	<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>To create a behavioural change in residents to increase recycling rates.</p>

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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> <p>Work closely with the grassroots, industry associations, waste management companies and Singapore Environment Council (a non-government organization), in promoting the 3Rs to the community.</p>	
		<p>Important Actions you will take in 2014</p> <p>Continue to work with various stakeholders to promote the 3Rs</p>	
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>	
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.	<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 checked="" type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Challenges faced in implementation:</p> <p>Nil</p>

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		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>The School Recycling Corner Programme has been implemented in all schools and involves the setting up of a Recycling Corner in the school where recycling bins for paper, cans and plastic bottles as well as educational materials such as posters and booklets, are made available to the students.</p> <p>A Preschool 3R Awareness Kit has been developed to help teachers plan activities to pique the preschooler' interest in the 3Rs and to reinforce their 3R awareness</p>
		<p>Important Actions you will take in 2014</p> <p>Continue to sustain the outreach effort to all schools and pre-schools.</p>
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>

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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 type="checkbox"/> Some (design – piloting)</p> <p><input checked="" 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>Nil</p>
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>A comprehensive framework has been implemented to require the Public Sector to comply with environmental initiatives under the Public Sector Taking the Lead in Environmental Sustainability (PSTLES) framework which includes the setting up or recycling bins.</p>	
		<p>Important Actions you will take in 2014</p> <p>Continue to support and enhance the PSTLES framework</p>	
		<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>	

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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: Nil
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant The Singapore Green Labelling Scheme (SGLS), currently administered by the Singapore Environment Council (a non-government organisation), is an environmental standard and certification mark that is applied to products which have passed stringent standards of environmental processes and procedures. Products bearing the Green Label gain a competitive advantage as it increases consumer and industrial demand and awareness for green products and services. Customers buy Green Label products with the knowledge and confidence that the purchase is not at the expense of our environment.	
		Important Actions you will take in 2014 Nil	

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		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 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 <p style="text-align: center;">NOT APPLICABLE</p>			
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			
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	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: Not applicable

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	in both urban and rural areas.	<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>Illegal dumping is prohibited under existing regulations</p> <hr/> <p>Important Actions you will take in 2014</p> <p>Continue to enforce illegal dumping regulations</p> <hr/> <p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially</p>	
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</i>	<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 checked="" type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	Challenges faced in implementation:

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	<i>Convention</i> , which contributes to the reduction of negative environmental impacts and the effective management of resources.	<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>Singapore is a signatory of the Basel Convention.</p> <p>Singapore has set up The Advanced Remanufacturing & Technology Centre; info can be accessed at www.artc.a-star.edu.sg/.</p>	
		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.	<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 checked="" type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Challenges faced in implementation:</p> <p>Nil</p>
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>Waste statistics are compiled and made available at the following URL: http://app2.nea.gov.sg/energy-waste/waste-management/waste-statistics-and-overall-recycling</p>	

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		Important Actions you will take in 2014	
		Nil	
		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 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: Nil
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant	
		All incinerable wastes that are not sent for recycling are incinerated at one of the four waste-to-energy incineration plants	
		Important Actions you will take in 2014	
		Continue to ensure all incinerable wastes are sent to waste-to-energy plants	

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		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 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: Nil
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant	
		Support information exchange and networking opportunities through collaboration with various stakeholders at forums such as the CleanEnviro Summit Singapore	
		Important Actions you will take in 2014	
		Organising the CleanEnviro Summit Singapore 2014 in Jun 2014	
		Is this Goal relevant for your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	

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Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration	
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?	Challenges faced in implementation:
		<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)	
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant	
		NOT APPLICABLE	
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	
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	Any action had been taken so far?	Challenges faced in implementation:
		<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)	

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	markets in SIDS, especially in the Pacific Region.	Examples of pilot projects and/or policies developed or under development – include URLs where relevant <p style="text-align: center;">NOT APPLICABLE</p>	
		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 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:
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant Nil	
		Important Actions you will take in 2014	
		Nil	

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		Is this Goal relevant for your country? <input type="checkbox"/> Yes <input checked="" 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 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	
		NOT APPLICABLE	
		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	