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)

<Japan>

This country report was prepared by Japan 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: Japan

Name, Designation and Organization Respondent: Ministry of the

Environment

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.....
- 2.....
- 3.....
- 4.....

Goa	al	Goal Description	Voluntary Progress/Achievement	s/Initiatives in Implementing Ha Noi 3R
No.	,	_	Declaration	
I. 3	R Go	oals in Urban/Industrial Areas		
	1	Significant reduction in the quantity	Any action had been taken so far?	Challenges faced in implementation:
		of municipal solid waste generated,	☐ Not yet	In The Basic Act for Establishing a Sound
		by instituting policies, programmes,	\square Some (design – piloting)	Material-Cycle Society, measures regarding waste,
te		and projects at national and local	□ Largely in Place	etc. are carried out in the order of [1] reduce, [2]
was		levels, encouraging both producers	☐ Fully Completed	reuse, [3] recycle, [4] heat recovery and [5] proper
3Rs in municipal solid waste		and consumers to reduce the waste	(Please Check the box)	disposal.
l so		through greening production,	Examples of pilot projects and/or po	licies developed or under development - include
cipa		greening lifestyle, and sustainable	websites/URLs where relevant:	
unic		consumption.	• The Basic Act for Establishing a Sound	Material-Cycle Society
n m			Important Actions you will take in 2014:	
As in			The reduce and reuse (2R) initiatives have	e not proceeded sufficiently. The systematic positioning
31			of specific 2R actions to be implemented	by social and business sectors will be explored based
on the Third Fundamenta		on the Third Fundamental Plan for Establi	shing a Sound Material-Cycle Society (May 2013).	
			Is this Goal relevant for your country?	☐ Yes ☐ No ☐ Partially

Goal Goal Description Voluntary Progress/Achievements/		Voluntary Progress/Achievements/Ini	tiatives in Implementing Ha Noi 3R		
No			Declaration		
	2	Full-scale utilization of the organic	Any action had been taken so far?	Challenges faced in implementation:	
		component of municipal waste,	□ Not yet	Energy utilization of biomass resources has not	
		including food waste, as a valuable	☐ Some (design – piloting)	progressed due to low price competitiveness	
		resource, thereby achieving multiple	□ Largely in Place	and unstable supply. Therefore, relevant	
		benefits such as the reduction of	☐ Fully Completed	stakeholders will work together to develop	
		waste flows to final disposal sites,	(Please Check the box)	technologies to realize cost reductions and	
aste		reduction of GHG emission,		stable supply, etc., create demand and develop	
l wg		improvement in resource efficiency,		efficient collection and delivery systems.	
reduction of GHG emission, improvement in resource efficiency, energy recovery, and employment creation. Examples of pilot project where relevant: • The Basic Act for Estable • Feed-in Tariff program Important Actions you will		Examples of pilot projects and/or policies de	eveloped or under development – include URLs		
)al		creation.	where relevant:		
nicij			• The Basic Act for Establishing a Sound Mate	erial-Cycle Society	
mar			• Feed-in Tariff program		
ii					
3Rs			Important Actions you will take in 2014		
			• Early development of high efficiency waste p	power generation facilities by local municipalities	
			· Promote effective use such as district heating	ng and cooling, etc., of mid to low - temperature	
			heat generated from incineration facilities and in	ndustrial processes.	
			Biogas development to enable high efficiency	y methane recovery from garbage, etc.	
			Is this Goal relevant for your country? Yes	S □ No □ Partially	

Goa	al	Goal Description	Voluntary Progress/Achievement	s/Initiatives in Implementing Ha Noi 3R	
No.			Declaration		
	3	Achieve significant increase in	Any action had been taken so far?	Challenges faced in implementation:	
		recycling rate of recyclables (e.g.,	☐ Not yet	Municipal solid waste treatment facilities, such as	
		plastic, paper, metal, etc.), by	☐ Some (design – piloting)	recycle centers, are being developed in order to	
		introducing policies and measures,	□ Largely in Place	promote generation control, cyclical use and proper	
		and by setting up financial	☐ Fully Completed	treatment of waste, through the Subsidy System for	
aste		mechanisms and institutional	(Please Check the box)	Promoting the Establishment of a Sound	
M K		frameworks involving relevant		Material-Cycle Society.	
solic		stakeholders (e.g., producers,		Steadily implement individual recycle laws	
pal		consumers, recycling industry, users		(Containers and Packaging Recycling Law, Home	
nicij		of recycled materials, etc.) and		Appliance Recycling Law, Small Appliance	
		development of modern recycling		Recycling Law, Food Waste Recycling Law,	
3Rs in municipal solid waste		industry.		Construction Waste Recycling Law)	
3Rs			Examples of pilot projects and/or polici	es developed or under development – include URLs	
			where relevant:		
			• Subsidy System for Promoting the Establishment of a Sound Material-Cycle Society		
			· Law Concerning the Promotion of Procurement of Eco-Friendly Goods and Services by th		
			State and Other Entities (Law on Promoting	ng Green Purchasing)	
			Development of individual recycling language.	ws	

Goal Goal Description Volunta		Goal Description	Voluntary Progress/Achievements/Init	iatives in Implementing Ha Noi 3R	
No	•		Declaration		
			Important Actions you will take in 2014:		
			• Promote initiatives with focus put on the se	ecuring and high-level utilization of recyclable	
			resources, as well as of the quality of the materia	ıl cycle.	
			• in order for the national government or orga	inization to promote the recycling, re-assess the	
			standard of the procurement of specific products		
			Is this Goal relevant for your country? ⊠Yes	\square No \square Partially	
	4	Build sustainable cities /green cities	Any action had been taken so far?	Challenges faced in implementation:	
		by encouraging "zero waste" through	□ Not yet	Measures are being considered to increase	
te		sound policies, strategies,	☐ Some (design – piloting)	environment conservation and community	
was		institutional mechanisms, and	☐ Largely in Place	vitalization effects through full scale utilization	
lid		multi-stakeholder partnerships	☐ Fully Completed	of existing facilities and infrastructure for an	
os l		(giving specific importance to private	(Please Check the box)	"eco-town project", jointly implemented by	
cipa		sector involvement) with a primary		Ministry of the Environment and Ministry of	
3Rs in municipal solid waste		goal of waste minimization		Economy, Trade and Industry for the purpose	
u m				of establishing a material-cycle society on the	
Ss ii				local level, while providing support such as the	
31				provision of information for project operation	
				and establishing a venue for information	
				exchange.	

Goal		Goal Description	Voluntary Progress/Achievement	s/Initiatives in Implementing Ha Noi 3R	
No.			Declaration		
			Examples of pilot projects and/or polici	es developed or under development - include URLs	
			where relevant:		
			• Eco-town project		
			Important Actions you will take in 2014:		
			Is this Goal relevant for your country?	☑Yes ☐ No ☐ Partially	
	5	Encourage the private sector ,	Any action had been taken so far?	Challenges faced in implementation:	
		including small- and medium-sized	☐ Not yet	The Basic Act for Establishing a Sound	
		enterprises (SMEs) to implement	☐ Some (design – piloting)	Material-Cycle Society stipulates the two concepts of	
		measures to increase resource	☐ Largely in Place	the Polluter Pays Principle (PPP) and Extended	
aste		efficiency and productivity, creation	☐ Fully Completed	Producer Responsibility (EPR) as fundamental	
M M		of decent work and to improve	(Please Check the box)	principles for policy making.	
tria		environmentally-friendly practices	Examples of pilot projects and/or polici	les developed or under development – include URLs	
qus		through applying environmental	where relevant:		
n in		standards, clean technologies, and	• The Basic Act for Establishing a Sound	Material-Cycle Society	
3Rs in industrial waste		cleaner production.			
			Important Actions you will take in 2014:		
			Is this Goal relevant for your country?	☑ Yes ☐ No ☐ Partially	

Goal Goal Description Voluntary Progress/Achievem		Voluntary Progress/Achievement	s/Initiatives in Implementing Ha Noi 3R	
No.			Declaration	
	6	Promote the greening of the value	Any action had been taken so far?	Challenges faced in implementation:
		chain by encouraging industries and	☐ Not yet	The Basic Act for Establishing a Sound
		associated suppliers and vendors in	☐ Some (design – piloting)	Material-Cycle Society stipulates the two concepts of
te		socially responsible and inclusive	☐ Largely in Place	the Polluter Pays Principle (PPP) and Extended
was		ways.	☐ Fully Completed	Producer Responsibility (EPR) as fundamental
lal			(Please Check the box)	principles for policy making.
3Rs in industrial waste				
ind				
ii.			Examples of pilot projects and/or polici	es developed or under development – include URLs
3Rs			where relevant:	
			• The Basic Act for Establishing a Sound	Material-Cycle Society
			Important Actions you will take in 2014:	
			Is this Goal relevant for your country?	☑ Yes ☐ No ☐ Partially
e	7	Promote industrial symbiosis (i.e.,	Any action had been taken so far?	Challenges faced in implementation:
/ast		recycling of waste from one industry	☐ Not yet	• Municipal solid waste treatment facilities, such as
al w		as a resource for another), by	☐ Some (design – piloting)	recycle centers, are being developed in order to
stri		providing relevant incentives and	☐ Largely in Place	promote generation control, cyclical use and proper
npu		support.	☐ Fully Completed	treatment of waste, through the Subsidy System for
in ii			(Please Check the box)	Promoting the Establishment of a Sound
3Rs in industrial waste				Material-Cycle Society.
e				

Goal Goal Description Voluntary Progress		Voluntary Progress/Achievement	s/Initiatives in Implementing Ha Noi 3R		
No.	•		Declaration		
			Examples of pilot projects and/or polici	es developed or under development - include URLs	
			where relevant:		
	· Gr		Grant System to Promote the Sound Ma	aterial-Cycle Society	
			Important Actions you will take in 2014:		
			Is this Goal relevant for your country?	☑ Yes ☐ No ☐ Partially	
				1	
	8	Build local capacity of both current	Any action had been taken so far?	Challenges faced in implementation:	
		and future practitioners, to enable the	☐ Not yet	The Basic Act for Establishing a Sound	
		private sector (including SMEs) to	\square Some (design – piloting)	Material-Cycle Society stipulates the two concepts of	
به		obtain the necessary knowledge and	☐ Largely in Place	the Polluter Pays Principle (PPP) and Extended	
ast		technical skills to foster green	☐ Fully Completed	Producer Responsibility (EPR) as fundamental	
al w		industry and create decent, productive	(Please Check the box)	principles for policy making.	
stri		work.	Examples of pilot projects and/or polici	es developed or under development - include URLs	
npu			where relevant:		
3Rs in industrial waste			• The Basic Act for Establishing a Sound Material-Cycle Society		
3			Important Actions you will take in 2014:		
			Is this Goal relevant for your country?	☑ Yes ☐ No ☐ Partially	

Goa	al	Goal Description	Voluntary Progress/Achievements/Ini	itiatives in Implementing Ha Noi 3R	
No.			Declaration		
	9	Develop proper classification and	Any action had been taken so far?	Challenges faced in implementation:	
		inventory of hazardous waste as a	☐ Not yet	Proper treatment of waste is ensured	
		prerequisite towards sound	☐ Some (design – piloting)	establishing special treatment standards in	
		management of such waste.	☐ Largely in Place	accordance with the types of wastes,	
			☐ Fully Completed	designating those which can potentially	
			(Please Check the box)	damage human health or living environment as	
ده				specially controlled waste, and so on.	
3Rs in industrial waste				To promote smooth and safe treatment of	
al w				wastes, such as those which contain asbestos,	
stri				or e-waste contaminated by trace amounts of	
npu				PCB, and explore treatment technologies as	
in i				well as promote detoxification treatment of	
Rs				such wastes based on a Toxicity Eliminating or	
m				Decomposing Treatment Certification System.	
			Examples of pilot projects and/or policies de	eveloped or under development – include URLs	
			where relevant:		
			Waste Disposal and Public Cleansing Law		
			• Law concerning Special Measures for Prom	notion of Proper Treatment of PCB Wastes (PCB	
			Special Measures Law)		

Goal	Goal Description	Voluntary Progress/Achievement	s/Initiatives in Implementing Ha Noi 3R	
No.		Declaration		
		Important Actions you will take in 2014:		
		Since the Minamata Convention on mercury will enter into effect, review environmentally proper		
		treatment measures of mercury waste, tak	king into consideration the possible cases where metal	
		mercury, etc. is disposed of as waste.		
		Is this Goal relevant for your country?	☐ Yes ☐ No ☐ Partially	
II. 3R G	oals in Rural Areas			
10	Reduce losses in the overall food	Any action had been taken so far?	Challenges faced in implementation:	
	supply chain (production, post	☐ Not yet	Raise public awareness of Food Waste Recycling	
	harvesting and storage, processing	☐ Some (design – piloting)	Systems in order to promote recycling for the	
	and packaging, distribution), leading	⊠Largely in Place	treatment of cyclical food resources as well as	
	to reduction of waste while increasing	☐ Fully Completed	promote waste generation control measures involving	
	the quantity and improving the	(Please Check the box)	consumers etc., across the entire food chain in order	
	quality of products reaching		to achieve target values set in April 2012 for each	
	consumers.		sector and industry concerned in food waste	
			generation control.	
		Examples of pilot projects and/or policie	es developed or under development – include URLs	
		where relevant:		
		Law for Promotion of Recycling and Related Activities for the Treatment of Cyclical		
		Food Resources (Food Waste Recycling L	aw)	

Goal	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R
No.		Declaration
		Important Actions you will take in 2014:
		Promote consideration of revisions to the Food Waste Recycling Law
		Is this Goal relevant for your country? ⊠ Yes □ No □ Partially

Goal	Goal Description	Voluntary Progress/Achievement	ts/Initiatives in Implementing Ha Noi 3R
No.		Declaration	
11	Promote full scale use of	Any action had been taken so far?	Challenges faced in implementation:
	agricultural biomass waste and	☐ Not yet	Based on the Law for the Promotion of Use of
	livestock waste through reuse and/or	☐ Some (design – piloting)	Organic Resources Originated from Agriculture,
	recycle measures as appropriate, to	□ Largely in Place	Forestry or Fisheries as Materials for Biomass Fuels,
	achieve a number of co-benefits	☐ Fully Completed	operators of agriculture, forestry and fishery partner
	including GHG emission reduction,	(Please Check the box)	with biofuel manufacturers to work on
	energy security, sustainable		State-approved "Joint Projects on Production and
	livelihoods in rural areas and poverty		Manufacturing" and plans to carry out everything
	reduction, among others.		from raw material production to biofuel (ethanol,
			wood pellet, etc.), manufacturing in an integrated
			manner. Also, support measures are taken to reduce
			the fixed property tax for newly introduced biofuel
			manufacturing facilities.
			Based on Basic Law for the Promotion of the Use of
			Biomass, seven related ministries and agencies will
			work together to develop the Biomass
			Industrialization Strategy and endeavor to promote
			industrialization (Biomass Industrial City) by
			selecting and concentrating technology and biomass.

Goal	Goal Description	Voluntary Progress/Achievement	s/Initiatives in Implementing Ha Noi 3R
No.		Declaration	
		Examples of pilot projects and/or polici	es developed or under development - include URLs
		where relevant:	
		• Law for the Promotion of Use of Agriculture, Forestry or Fisheries Resources as Raw Materials	
		of Biofuel (Agriculture, Forestry and Fishe	eries Resources Biofuel Law)
		Basic Law for Promoting the Utilization	n of Biomass
		Important Actions you will take in 2014:	
		Is this Goal relevant for your country?	☐ Yes ☐ No ☐ Partially
III. 3R (Goals for New and Emerging Wastes		
12	Strengthen regional, national, and	Any action had been taken so far?	Challenges faced in implementation:
	local efforts to address the issue of	☐ Not yet	We supported projects and so forth related to the
	waste, in particular plastics in the	\square Some (design – piloting)	collection, treatment and generation control measures
	marine and coastal environment.	□ Largely in Place	of marine debris, etc., implemented by local
		☐ Fully Completed	municipalities and others using subsidies (for marine
		(Please Check the box)	debris regional countermeasures promotion projects).

Goal	Goal Description	Voluntary Progress/Achievement	s/Initiatives in Implementing Ha Noi 3R
No.		Declaration	
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant: Laws concerning the promotion of marine debris disposal that preserves the environment and favorable landscape of coasts to protect their beautiful and abundant nature	
		Important Actions you will take in 2014:	
		Is this Goal relevant for your country?	☐ Yes ☐ No ☐ Partially
13	Ensure environmentally-sound	Any action had been taken so far?	Challenges faced in implementation:
	management of e-waste at all stages,	☐ Not yet	Steadily implement Home Appliance Recycling
	including collection, storage,	☐ Some (design – piloting)	Law and Small Appliance Recycling Law
	transportation, recovery, recycling,	☐ Largely in Place	
	treatment, and disposal with	☐ Fully Completed	
	appropriate consideration for working	(Please Check the box)	
	conditions, including health and		

Goal	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R		
No.		Declaration		
	safety aspects of those involved.	Examples of pilot projects and/or policies developed or under development - include URLs		
		where relevant:		
		Law for the Recycling of Specified Kinds of Home Appliances		
		(Home Appliance Recycling Law)		
		• Law on Promotion of Recycling of Small Waste Electrical and Electronic Equipment (Small		
		Home Appliances Recycling Law)		
		Important Actions you will take in 2014:		
		Promote transparency on the actual distribution and disposal of used home appliances.		
		Is this Goal relevant for your country? ⊠ Yes ☐ No ☐ Partially		

Goal	Goal Description	Voluntary Progress/Achievement	s/Initiatives in Implementing Ha Noi 3R
No.	_	Declaration	
14	Effective enforcement of established	Any action had been taken so far?	Challenges faced in implementation:
	mechanisms for preventing illegal	☐ Not yet	Started activities of "The Asian Network for
	and inappropriate export and import	☐ Some (design – piloting)	Prevention of Illegal Transboundary Movement of
	of waste, including transit trade,	☐ Largely in Place	Hazardous Wastes", organized annually by Ministry
	especially of hazardous waste and	☐ Fully Completed	of the Environment from fiscal year 2004, for proper
	e-waste.	(Please Check the box)	implementation of regulations regarding the import,
			export, etc., of hazardous wastes, implementing
			initiatives that facilitate dialogue and strengthen
			partnership between officers of Asian countries
			participating in the Basel Convention, customs
			officers and related international institutions. Also,
			financial and technological support was provided for
			projects implemented under the Basel Convention,
			such as the formulation of a framework regarding
			environmentally sound management of used
			computer equipment and other e-waste, as well as
			environmentally sound management of hazardous
			wastes in the Asia Pacific.

Goal No.	Goal Description	Voluntary Progress/Achievement Declaration	s/Initiatives in Implementing Ha Noi 3R
1100		Examples of pilot projects and/or policiwhere relevant: • Waste Disposal and Public Cleansing L	es developed or under development – include URLs aw (Waste Disposal Law) t and Others of Specified Hazardous Wastes and Other
		Important Actions you will take in 2014: • Consider analysis methods for the hazardous properties of metal scrap • Continue to exchange information through organizations such as the Asian Network for Prevention of Illegal Transboundary Movement of Hazardous Wastes, and promote partnerships particularly with Asian countries Is this Goal relevant for your country? ✓ Yes ☐ No ☐ 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	Any action had been taken so far? ☐ Not yet ☐ Some (design – piloting) ☑ Largely in Place ☐ Fully Completed (Please Check the box)	Challenges faced in implementation: "Extended Producer Responsibility" is a general principle stipulated under the Basic Act for Establishing a Sound Material-Cycle Society wherein producers bear a certain responsibility for the products that they produce even after the products are used and then disposed of.

Goal	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R		
No.		Declaration	Declaration	
	emerging waste streams, in particular	Examples of pilot projects and/or poli	icies developed or under development – include URLs	
	e-waste.	where relevant:		
		• The Basic Act for Establishing a Sour	nd Material-Cycle Society	
		• Law for the Recycling of Specified K	Einds of Home Appliances	
		(Home Appliance Recycling Law)		
		Important Actions you will take in 2014		
		Is this Goal relevant for your country?		
16	Promote the 3R concept in	Any action had been taken so far?	Challenges faced in implementation:	
	health-care waste management.	☐ Not yet	Infectious waste is designated under the Waste	
		☐ Some (design – piloting)	Disposal Law as a specially controlled waste to	
		☐ Largely in Place	ensure that it is properly treated in order to conserve	
		☐ Fully Completed	the living environment and improve public hygiene.	
		(Please Check the box)		
		Examples of pilot projects and/or policies developed or under development – in where relevant:		
		Waste Disposal and Public Cleansing	Law (Waste Disposal Law)	

Goal	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R	
No.		Declaration Important Actions you will take in 2014:	
		Is this Goal relevant for your country?	✓ Yes □ No □ Partially
IV. 3R (Goals for Cross-cutting Issues		
17	Improve resource efficiency and	Any action had been taken so far?	Challenges faced in implementation:
	resource productivity by greeting	☐ Not yet	In The Basic Act for Establishing a Sound
	jobs nation-wide in all economic and	☐ Some (design – piloting)	Material-Cycle Society, measures regarding waste,
	development sectors	□ Largely in Place	etc. are carried out in the order of [1] reduce, [2]
		☐ Fully Completed	reuse, [3] recycle, [4] heat recovery and [5] proper
		(Please Check the box)	disposal.
		Examples of pilot projects and/or policit where relevant: • The Basic Act for Establishing a Sound	ies developed or under development – include URLs Material-Cycle Society
Important Actions you will take in 2014:			
		Is this Goal relevant for your country?	☑ Yes ☐ No ☐ Partially

Goal	Goal Description	Voluntary Progress/Achievement	s/Initiatives in Implementing Ha Noi 3R
No.		Declaration	
No. 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? ☐ Not yet ☐ Some (design – piloting) ☑ Largely in Place ☐ Fully Completed (Please Check the box)	Challenges faced in implementation: • Supporting "The Asian Co-benefits Partnership" activities aimed at promoting a co-benefit approach and spreading co-benefit projects in developing countries in Asia. • Participating in the "Climate and Clean Air Coalition to Reduce Short-Lived Climate Pollutants (CCAC)," and acting as lead partner of the urban waste initiative.
		Examples of pilot projects and/or polici where relevant:	es developed or under development – include URLs Yes No Partially

Goal	Goal Description	Voluntary Progress/Achievements	s/Initiatives in Implementing Ha Noi 3R
No.		Declaration	
19	Enhance national and local	Any action had been taken so far?	Challenges faced in implementation:
	knowledge base and research	☐ Not yet	In partnership with Institute for Global
	network on the 3Rs and resource	☐ Some (design – piloting)	Environmental Strategies (IGES), conducted
	efficiency, through facilitating	☐ Largely in Place	international collaborative research aimed at
	effective and dynamic linkages	☐ Fully Completed	providing knowledge which will help develop and
	among all stakeholders, including	(Please Check the box)	implement policies for establishing sound
	governments, municipalities, the		material-cycle societies across Asia.
	private sector, and scientific		
	communities.	Examples of pilot projects and/or policion	es developed or under development – include URLs
		where relevant:	
		International collaborative research	
		Important Actions you will take in 2014	
		Is this Goal relevant for your country?	☐ Yes ☐ No ☐ Partially
			, and the second

Goal	Goal Description	Voluntary Progress/Achievement	s/Initiatives in Implementing Ha Noi 3R
No.		Declaration	
20	Strengthen multi-stakeholder	Any action had been taken so far?	Challenges faced in implementation:
	partnerships among governments,	☐ Not yet	In The Basic Act for Establishing a Sound
	civil society, and the private sector in	\square Some (design – piloting)	Material-Cycle Society, measures regarding waste,
	raising public awareness and	□ Largely in Place	etc. are carried out in the order of [1] reduce, [2]
	advancing the 3Rs, sustainable	☐ Fully Completed	reuse, [3] recycle, [4] heat recovery and [5] proper
	consumption and production, and	(Please Check the box)	disposal.
	resource efficiency, leading to the		
	behavioural change of the citizens		
	and change in production patterns.	Examples of pilot projects and/or polici	es developed or under development – include URLs
		where relevant:	
		• The Basic Act for Establishing a Sound	Material-Cycle Society
		Important Actions you will take in 2014:	
		The reduce and reuse (2R) initiatives have	e not proceeded sufficiently. The systematic positioning
		of specific 2R actions to be implemented by social and business sectors will be explored based on the Third Fundamental Plan for Establishing a Sound Material-Cycle Society (May 2013).	
		Is this Goal relevant for your country?	☐ Yes ☐ No ☐ Partially

Goal	Goal Description	Voluntary Progress/Achievements	s/Initiatives in Implementing Ha Noi 3R
No.		Declaration	
21	Integrate the 3Rs in formal	Any action had been taken so far?	Challenges faced in implementation:
	education at primary, secondary, and	☐ Not yet	
	tertiary levels as well as non-formal	☐ Some (design – piloting)	
	education such as community	☐ Largely in Place	
	learning and development, in	☐ Fully Completed	
	accordance with Education for	(Please Check the box)	
	Sustainable Development.		
		Examples of pilot projects and/or policie	es developed or under development – include URLs
		where relevant:	
		Important Actions you will take in 2014:	
		Is this Goal relevant for your country?	☐ Yes ☐ No ☐ Partially

Goal	Goal Description	Voluntary Progress/Achievement	ts/Initiatives in Implementing Ha Noi 3R
No.		Declaration	
22	Integrate the 3R concept in relevant	Any action had been taken so far?	Challenges faced in implementation:
	policies and programmes, of key	☐ Not yet	In principle, In The Basic Act for Establishing a
	ministries and agencies such as	☐ Some (design – piloting)	Sound Material-Cycle Society, measures regarding
	Ministry of Environment, Ministry of	□ Largely in Place	waste, etc. are carried out in the order of [1] reduce,
	Agriculture, Forestry and Fisheries,	☐ Fully Completed	[2] reuse, [3] recycle, [4] heat recovery and [5]
	Ministry of Industry, Ministry of	(Please Check the box)	proper disposal. However, while higher priority is
	Trade and Commerce, Ministry of		given to reduce and reuse (2R) than recycle,
	Energy, Ministry of Water Resources,		2R-related initiatives have not progressed sufficiently
	Ministry of Transport, Ministry of		except in some cases. Based on The Third
	Health, Ministry of Construction,		Fundamental Plan for Establishing a Sound
	Ministry of Finance, Ministry of		Material-Cycle Society (May 2013), measures such
	Labour, Ministry of Land and Urban		as systematic positioning of specific 2R actions to be
	Development, Ministry of Education,		implemented by the public and businesses will be
	and other relevant ministries towards		considered.
	transitioning to a resource-efficient		
	and zero waste society.	Examples of pilot projects and/or policies developed or under development – include URLs where relevant: • The Basic Act for Establishing a Sound Material-Cycle Society	
		 Waste Disposal and Public Cleansing L 	Law (Waste Disposal Law)

Goal No.	Goal Description	Voluntary Progress/Achievement Declaration	s/Initiatives in Implementing Ha Noi 3R
		Important Actions you will take in 2014: In order to promote the more highly prioritized concept of reuse, over recycle, hold study sessions in collaboration with related stakeholders such as local municipalities and re-use business operators to consider measures to promote reuse of previously-owned products, etc.	
		Is this Goal relevant for your country?	☐ Yes ☐ No ☐ Partially
23	Promote green and socially responsible procurement at all levels, thereby creating and expanding 3R industries and markets for environmentally-friendly goods and products.	☐ Some (design – piloting) ☐ Largely in Place	Challenges faced in implementation: The Basic Act for Establishing a Sound Material-Cycle Society stipulates the two concepts of the Polluter Pays Principle (PPP) and Extended Producer Responsibility (EPR) as fundamental principles for policy making.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant: • The Basic Act for Establishing a Sound Material-Cycle Society • Law Concerning the Promotion of Procurement of Eco-Friendly Goods and Services by the State and Other Entities (Law on Promoting Green Purchasing)	

Goal Description	Voluntary Progress/Achievement	s/Initiatives in Implementing Ha Noi 3R
	Declaration	
	Important Actions you will take in 2014:	
	Consider expanding the purchase of rea	use products, which have returnable and retrievable
	containers and packaging, in order to pr	romote reuse by State and other institutions, through
	revision of the "Basic Policy for the Pr	comotion of Procurement of Eco-Friendly Goods and
	Services".	
	• in order for the national government o	or organization to promote the recycling, re-assess the
	standard of the procurement of specific pro	oducts.
	Is this Goal relevant for your country?	☐ Yes ☐ No ☐ Partially
	, , ,	,
Phase out harmful subsidies that	Any action had been taken so far?	Challenges faced in implementation:
favour unsustainable use of	☐ Not yet	Due to low price competitiveness and unstable
resources (raw materials and	☐ Some (design – piloting)	supply, energy utilization of biomass resources has
water) and energy, and channel the	□ Largely in Place	not been promoted. Relevant stakeholders will work
freed funds in support of	☐ Fully Completed	together to develop technologies to realize stable
implementing the 3Rs and efforts to	(Please Check the box)	supply etc., create demand and develop efficient
improve resource/energy efficiency.		collection and delivery systems.
	Examples of pilot projects and/or policion	es developed or under development – include URLs
	where relevant:	
	• The Basic Act for Establishing a Sound	Material-Cycle Society
	Feed-in Tariff program	
	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	Declaration Important Actions you will take in 2014: Consider expanding the purchase of re containers and packaging, in order to pure revision of the "Basic Policy for the Preservices". • in order for the national government of standard of the procurement of specific preservices (raw materials and water) and energy, and channel the freed funds in support of implementing the 3Rs and efforts to improve resource/energy efficiency. Declaration Important Actions you will take in 2014: Consider expanding the purchase of recontainers and packaging, in order to pure version of the "Basic Policy for the Preservices". • in order for the national government of standard of the procurement of specific preservices (raw materials and water) and been taken so far? □ Not yet □ Some (design – piloting) □ Fully Completed (Please Check the box) Examples of pilot projects and/or polici where relevant: • The Basic Act for Establishing a Sound

Goal	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R		
No.		Declaration		
		Important Actions you will take in 2014:		
		• Early development of high efficiency w	aste power generation facilities by local municipalities	
		• Promote effective use such as district l	heating and cooling, etc., of mid to low - temperature	
		heat generated from incineration facilities	and industrial processes.	
		• Biogas development to enable high efficient	ciency methane recovery from garbage, etc.	
		Is this Goal relevant for your country?	☐ Yes ☐ No ☐ Partially	
25	Protect public health and	Any action had been taken so far?	Challenges faced in implementation:	
	ecosystems, including freshwater	☐ Not yet	Continue proper operation of the permit system	
	and marine resources by	by ☐ Some (design – piloting) regarding marine dumping of wastes ba		
	eliminating illegal activities of open	□ Largely in Place	Marine Pollution Prevention Law, revised in	
	dumping, including dumping in the	☐ Fully Completed	accordance with the conclusion of the 1996 Protocol	
	oceans, and controlling open burning	(Please Check the box)	to the London Convention.	
	in both urban and rural areas.			
		Examples of pilot projects and/or policie	es developed or under development – include URLs	
		where relevant:		
		• Marine Pollution Prevention Law		
		• Waste Disposal and Public Cleansing La	aw	
		Important Actions you will take in 2014:		
		Is this Goal relevant for your country?	☐ Yes ☐ No ☐ Partially	

Goal	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R		
No.	_	Declaration		
26	Facilitate the international circulation	Any action had been taken so far?	Challenges faced in implementation:	
	of re-usable and recyclable resources	☐ Not yet	Implemented transboundary movement of hazardous	
	as well as remanufactured products as	☐ Some (design – piloting)	wastes aimed at recycling, based on the Basel	
	mutually agreed by countries and in	□ Largely in Place	Convention and related domestic and foreign laws.	
	accordance with international and	☐ Fully Completed	Also implemented initiatives through the Asian	
	national laws, especially the Basel	(Please Check the box)	Network for Prevention of Illegal Transboundary	
	Convention, which contributes to the		Movement of Hazardous Wastes to facilitate dialogue	
	reduction of negative environmental	and strengthen partnership between of		
	impacts and the effective		participatory countries of the Basel Convention,	
	management of resources.		customs officers and related international institutions	
			in order to prevent environmental pollution due to	
			transboundary movement of hazardous wastes.	
			Accept wastes within the parameters of suitability for	
			which proper treatment is difficult in other countries	
			but is possible in Japan, to achieve the effective use	
			of resources and reduce the negative impacts on the	
			environment and human health in other countries.	

Goal	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R		
No.	_	Declaration		
		Examples of pilot projects and/or policies developed or under development - include URLs		
		where relevant:		
		Waste Disposal and Public Cleansing Law		
		Act on Control of Export, Import and Others of Specified Hazardous Wastes and Other Wastes		
		Important Actions you will take in 2014:		
		• Comply with the Basel Convention and related laws and implement transboundary movement		
		of hazardous wastes.		
		· Continue to exchange information through organizations such as the Asian Network for		
		Prevention of Illegal Transboundary Movement of Hazardous Wastes, and promote partnerships		
		particularly with Asian countries		
		· Accept wastes within the parameters of suitability for which proper treatment is difficult in		
		other countries, to achieve the effective use of resources and reduce the negative impacts on the		
		environment.		
		Is this Goal relevant for your country? \boxtimes Yes \square No \square Partially		

Goal	Goal Description	Voluntary Progress/Achievement	ts/Initiatives in Implementing Ha Noi 3R
No.		Declaration	
27	Promote data collection, compilation	Any action had been taken so far?	Challenges faced in implementation:
	and sharing, public announcement	☐ Not yet	Comprehend the status of environmental and
	and application of statistics on wastes	☐ Some (design – piloting)	economic activities in the form of scientific statistical
	and the 3Rs, to understand the state of	☐ Largely in Place	information, as well as comprehend the quantity of
	waste management and resource	☐ Fully Completed	resources and energy flow among different industries
	efficiency.	(Please Check the box)	in an objective and quantitative manner. Also,
			develop scientific, first-order statistical information
			on environmental, economic and social conditions, as
			well as the existence and distribution of natural
			resources. In addition, ensure the credibility and
			accuracy of environmental information in partnership
			with related entities, and work to enhance
			information archives of environmental policies.
		Examples of pilot projects and/or polic	ies developed or under development – include URLs
		where relevant:	
		The Basic Environment Law	
		Important Actions you will take in 2014:	
		Is this Goal relevant for your country?	

Goal	Goal Description	Voluntary Progress/Achievement	nts/Initiatives in Implementing Ha Noi 3R
No.		Declaration	
28	Promote heat recovery	Any action had been taken so far?	Challenges faced in implementation:
	(waste-to-energy), in case wastes are	☐ Not yet	Promote measures to prevent global warming that
	not re-usable or recyclable and proper	☐ Some (design – piloting)	can be taken mainly by private waste treatment
	and sustainable management is	☐ Largely in Place	companies by leveraging the certification system for
	secured.	☐ Fully Completed	thermal recycling in waste incinerators, and
		(Please Check the box)	supporting the development of high efficiency heat
			recovery (waste - to - energy) and waste fuel
			production facilities, and the introduction of
			electric-propulsion waste collection trucks by way of
			projects to introduce waste-to-energy and low-carbon
			promotion.
		Examples of pilot projects and/or poli	icies developed or under development – include URLs
		where relevant:	
		Introduction of waste-to-energy and l	ow-carbon promotion projects
		Important Actions you will take in 2014	:
		Is this Goal relevant for your country?	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha N Declaration	
29	Promote overall regional cooperation	Any action had been taken so far?	Challenges faced in implementation:
	and multi-stakeholder partnerships	☐ Not yet	Realize a reduction of negative environmental impact
	based on different levels of linkages	☐ Some (design – piloting)	on a global scale by supporting overseas business
	such as government-to-government,	☐ Largely in Place	development of domestic sound material-cycle
	municipality-to-municipality,	☐ Fully Completed	industry, and implement "The Strategic International
	industry-to-industry, (research)	(Please Check the box)	Deployment and Development Program of Domestic
	institute-to-institute, and		Circulation Industry", which is tied to invigoration of
	NGO-to-NGO. Encourage technology		our domestic economy.
	transfer and technical and financial		Japan is in partnership with the United Nations
	supports for 3Rs from developed		Centre for Regional Development (UNCRD), United
	countries to less developed countries.		Nations Environment Programme (UNEP) and the
			Institute for Global Environmental Strategies (IGES)
			in various Asian countries to support the
			development of plans and strategies to promote 3R in
			accordance with national concerns.
		Examples of pilot projects and/or polic	ies developed or under development – include URLs
		where relevant:	
		Strategic International Deployment	and Development Program of Domestic Circulation
		Industry	, ,
		Important Actions you will take in 2014:	

Goal	Goal Description	· C	s/Initiatives in Implementing Ha Noi 3R
No.		Declaration Is this Coal relevant for your country?	
		Is this Goal relevant for your country?	☑ Yes ☐ No ☐ Partially
30	Pay special attention to issues and	Any action had been taken so far?	Challenges faced in implementation:
	challenges faced by developing	☐ Not yet	It is essential to collaborate on a regional level to
	countries including SIDS in achieving	\square Some (design – piloting)	overcome social and economic vulnerabilities that
	sustainable development.	□ Largely in Place	will lead to political stability and independent
		☐ Fully Completed	economic development in the Pacific island countries
		(Please Check the box)	and the region. Japan encourages cooperation with
			the Pacific Islands Forum (PIF), which is a
			framework of regional cooperation comprised of
			Pacific island countries and the region, and has
			organized the Pacific Island Leaders Meeting, a
			summit between Japan and the Pacific island
			countries and regions, every 3 years since 1997.
		Examples of pilot projects and/or polici	les developed or under development – include URLs
		where relevant:	
		Official Development Assistance (ODA)	A)
		• The Pacific Island Leaders Meeting	
		Important Actions you will take in 2014:	

Goal	Goal Description	Voluntary Progress/Achievements	s/Initiatives in Impl	ementing Ha Noi 3R
No.		Declaration	_	
		Is this Goal relevant for your country?	I Yes □ No	☐ Partially
31	Promote 3R + "Return" concept	Any action had been taken so far?	Challenges faced in imple	ementation:
	which stands for Reduce, Reuse,	☐ Not yet	Implement assistance	for waste management
	Recycle and "Return" where	\square Some (design – piloting)	improvements in the 11	Oceanic countries through
	recycling is difficult due to the	□ Largely in Place	"Japanese Technical	Cooperation Project for
	absence of available recycling	☐ Fully Completed	Promotion of Regional	Initiative on Solid Waste
	industries and limited scale of	(Please Check the box)	Management" by JICA.	
	markets in SIDS, especially in the			
	Pacific Region.	Examples of pilot projects and/or policie	es developed or under de	evelopment – include URLs
		where relevant:		
		• J-PRISM		
		Important Actions you will take in 2014:		
		Promote projects in partnership with other	s, including SPREP.	
		Is this Goal relevant for your country?	I Yes □ No	☐ Partially

Goal	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R		
No.		Declaration		
32	Complete elimination of illegal	Any action had been taken so far?	Challenges faced in implementation:	
	engagement of children in the	☐ Not yet		
	informal waste sector and gradually	☐ Some (design – piloting)		
	improve the working conditions and	☐ Largely in Place		
	livelihood security, including	☐ Fully Completed		
	mandatory provision of health	(Please Check the box)		
	insurance, for all workers.	Examples of pilot projects and/or polici	es developed or under development – include URLs	
		where relevant		
		Important Actions you will take in 2014		
		Is this Goal relevant for your country?	☐ Yes ☐ No ☐ Partially	
33	Promote 3Rs taking into account	Any action had been taken so far?	Challenges faced in implementation:	
	gender considerations.	⊠ Not yet		
		☐ Some (design – piloting)		
		☐ Largely in Place		
		☐ Fully Completed		
		(Please Check the box)		
		,		

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? ⊠ Yes □ No □ Partially
	Goal Description