#### 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)

< Viet Nam>

This country report was prepared by Viet Nam 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: VIET NAM

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

Other Organizations contributing to Country Report: Ministry of Industry and Trade (MOIT), Ministry of Construction (MOC), Ministry of Agriculture and Rural Development (MARD), Ministry of Health (MOH), Ministry of Education and Training (MOET)

(**Note:** Though a number of key line Ministries of VIET NAM such as Ministry of Natural Resources and Environment, Ministry of Construction, and Ministry of Industry and Trade, are invited to Fifth Regional 3R Forum in Asia-Pacific, only <u>one</u> 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.

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

- 1. Ministry of Natural Resource and Environment (MONRE), National State of Environment Report 2011- Solid Waste.
- 2. Ministry of Industry and Trade (MOIT), Conference Report on Development of Environmental Industry in Viet Nam, 2013.
- 3. Ministry of Construction (MOC) and MONRE, Synthesis Report for development of the National Strategy for integrated solid waste management until 2025, vision to 2050, 2009.
- 4. Institute of Policy and Strategy on Natural Resources and Environment (ISPONRE), Ministry of Natural Resource and Environment (MONRE), Synthesis Report on evaluation of implementation on the National Strategy on Environmental Protection until 2010 vision to 2020, 2010.
- 5. Other relevant study reports.

Goal No.	<b>Goal Description</b>	Voluntary Progress/Achievements/Initiatives in Implementing Ha Noi 3R Declaration			
I. 3R Go	als in Urban/Industrial Areas				
3Rs in municipal solid waste	Significant <b>reduction</b> in the quantity of <b>municipal solid waste</b> 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.	<ul><li>□ Not yet</li><li>□x Some (design – piloting)</li><li>□ Largely in Place</li></ul>	<ul> <li>Challenges faced in implementation: <ul> <li>Lack of attention of the part of authorities and community on reducing household waste generation.</li> <li>Manufacturing technologies are backward and obsolete, causing waste generation.</li> <li>Technical infrastructure for solid waste management is under-developed.</li> </ul> </li> </ul>		

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

- National Strategy for Integrated Solid Waste Management to 2025, vision to 2050 approved by the Prime Minister Decision 2149/QD-TTg in 2009 on December 17, 2009. Under this strategy, the MONRE now is developing the Program on reduce, reuse and recycling wastes.

http://thuvienphapluat.vn/archive/Quyet-dinh/Quyet-dinh-2149-QD-TTg-phe-duyet-chien-phe-duyet-chien-luoc-quoc-gia-luoc-quoc-gia-quan-ly-tong-hop-chat-thai-ran-den-nam-2025-tam-nhin-den-nam-2050-vb99096t17.aspx

- Decree No. 59/2007/ND-CP dated April 09, 2007 of the Government on solid waste management is being revised.

 $\underline{http://www.nilp.org.vn/english/vanbanphapquy/tabid/143/Type/MoreInfo/DocumentID/419/Default.aspx}$ 

- Prime Minister (PM) Decision No. 1419/QD-TTg dated September 07, 2009 on the Strategy on cleaner industrial production to 2020.

http://www.chinhphu.vn/portal/page/portal/English/strategies/strategiesdetails?categoryId=30&articleId=10051863

- Prime Minister Decision No. 1393/QD-TTg dated September 25, 2012 approved the National Green Growth Strategy.

 $\underline{http://www.greengrowth\text{-}elearning.org/pdf/VietNam\text{-}GreenGrowth\text{-}Strategy.pdf}$ 

- Draft on Action Plan of the National Green Growth Strategy is being developed by the Ministry of Planning and Investment (MPI).

		<ul> <li>Important Actions you will take in 2014</li> <li>The Action Plan of the National Green Growth Strategy is expected to be approved in 2014.</li> <li>The revised Decree No. 59/2007/ND-CP on solid waste management is expected to be approved in 2014.</li> <li>The Program on reduce, reuse and recycling wastes to be approved by the Prime Minister.</li> <li>Is this Goal relevant for your country? □x Yes □ No □ Partially</li> </ul>			
3Rs in municipal solid waste	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?  □ Not yet □x Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)  Examples of pilot projects and/or polici where relevant - There are 28/63 provinces which have on	Challenges faced in implementation:  - The compost market is limited due to high operation costs, low tipping fee of the State and low selling price of compost. Besides, farmers still prefer using chemical rather than organic fertilizers.  - Enterprises have not yet received incentives such as support for sorting waste at-source, consumption, advertising products, subsidizing product price in production of compost.  - Compost quality is not good.  Tes developed or under development — include URLs composting plants in Viet Nam. By March 2013, total ch 28 are in operation, 10 are under construction and 3		

			<ul> <li>Important Actions you will take in 2014</li> <li>- Law on Environment Protection and the incentive policy are being amended and expected to be approved in 2014</li> <li>Is this Goal relevant for your country? □x Yes □ No □ Partially</li> </ul>		
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	Any action had been taken so far?  □ Not yet □ x Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	Challenges faced in implementation:  - Recycling technologies are obsolete, mainly at household scale in craft villages. Some domestic technologies have been certified but still being tested, has not been replicated across the country.  - Recycling enterprises have not yet received incentives such as support for sorting waste at-source, consumption, advertising products, subsidizing product price	

	Examples of pilot projects and/or policies developed or under development – include websites/URLs where relevant
	- PM Decision 1030/QĐ-TTg dated 20 July 2009 approved "Program of Developing Environmental Industry Viet Nam until 2015, vision towards 2025" with tasks of enhancing to reduce, recycling and reuse of waste, scrap and used products; establishing and developing network of environmental service organizations including services of waste collection, transport, treatment and recycling.
	http://www.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class_id=1&_page=161&m ode=detail&document_id=89374
	- Draft Government Decree on Development of Environmental Industry is being developed by the MOIT.
	- Institute of Policy and Strategy on Natural Resources and Environment (ISPONRE) under Ministry of Natural Resources and Environment (MONRE) is implementing the project "Investigate, evaluate, analyze theory and practices aiming to complete legislation of waste recycling", which has general objective of promotion of developing solid waste recycling industry in Viet Nam.
	Important Actions you will take in 2014  The MOIT will develop the Draft Decree on Development of Environmental Industry to the Government for approval by the 1 <sup>st</sup> quarter 2015.
	Is this Goal relevant for your country? $\Box x \text{ Yes}$ $\Box \text{ No}$ $\Box \text{ Partially}$

pi	4	Build sustainable cities /green cities	Any action had been taken so far?	Challenges faced in implementation:
3Rs in municipal solid		by encouraging " <b>zero waste</b> " through sound policies, strategies, institutional mechanisms, and multi-stakeholder partnerships (giving specific importance to private	<ul><li>□ Not yet</li><li>□ x Some (design – piloting)</li><li>□ Largely in Place</li></ul>	<ul> <li>There are not specific regulations on development of sustainable cities /green cities in Vietnam.</li> <li>There is not criteria on identification of</li> </ul>
3R <sub>6</sub>		sector involvement) with a primary	(Please Check the box)	sustainable /green cities.

and of marks minimized:		
goal of waste minimization	Examples of pilot projects and/or policies developed or under development – include URLs	
	where relevant	
	- PM Decision No. 1393/QD-TTg dated September 25, 2012 on the National Green Growth	
	Strategy.	
	Strategy.	
	http://www.greengrowth-elearning.org/pdf/VietNam-GreenGrowth-Strategy.pdf	
	- Currently, The Ministry of Construction (MOC) is the focal point to develop the Green	
	Building Strategy until 2020 and vision toward 2030. This strategy aims to concretize the	
	National Target Program to Respond to Climate Change and National Strategy on Green Growth	
	approved by the PM. This will be a basis for developing Sustainable cities / green cities in	
	Vietnam.	
	- In 2008, the East Asia Summit (AES) Environment Ministers adopted Environmentally	
	Sustainable Cities as the priority area for environmental collaboration. At the 9th meeting of the	
	ASEAN Working Group on Environmentally Sustainable Cities, 2011, Da Nang, the only city in	
	Việt Nam, has won the 2011 ASEAN Environmentally Sustainable City Award.	
	- For the pilot project, Da Nang has been implementing the Sustainable City Development	
	Project (SCDP), funded by the World Bank. The key objective of the project is to facilitate the	
	sustainable development of Da Nang through improving its urban environment and using energy	
	effectively. The project, scheduled to be implemented from now to 2019.	

		<ul> <li>Important Actions you will take in 2014</li> <li>The Action Plan on Green Growth will be approved in 2014.</li> <li>Ministry of Construction continue to develop the Green Building Strategy until 2020 and vision toward 2030.</li> <li>Is this Goal relevant for your country? □ x Yes □ No □ Partially</li> </ul>		
3Rs in industrial waste	Encourage the <b>private sector</b> , including small- and medium-sized enterprises ( <b>SMEs</b> ) to implement measures to increase <b>resource efficiency and productivity</b> , creation of decent work and to improve environmentally-friendly practices through applying environmental	Any action had been taken so far?  □ Not yet □ x Some (design – piloting) □ Largely in Place	Challenges faced in implementation:  - Most of industries have obsolete and backward technologies.  - Lack of financial resources.  - Low awareness and sense of responsibility of a part of authorities and business.	

through applying environmental standards, clean technologies, and cleaner production.	Examples of pilot projects and/or policies developed or under development – include URLs where relevant  - Decision No. 1419/QD-TTg dated September 07, 2009 of the Prime Minister approved the Strategy on cleaner industrial production to 2020.  http://www.chinhphu.vn/portal/page/portal/English/strategies/strategiesdetails?categoryId=30&articleId=10051863
	- Decision No. 2612/QD-TTg dated December 30, 2013 of the Prime Minister approved the Strategy for using clean technologies by 2020 with a vision to 2030.
	http://vanban.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class_id=2&mode=detail &document_id=171573
	- The MONRE is developing Program on strengthening resource management for improvement of the economy competitiveness for submission to the Prime Minister.
	Important Actions you will take in 2014
	- The Program on strengthening resource management for improvement of the economy competitiveness will be approved by the Prime Minister.
	Is this Goal relevant for your country? $\square$ xYes $\square$ No $\square$ Partially

	6	Promote the <b>greening of the value chain</b> by encouraging industries and associated suppliers and vendors in socially responsible and inclusive ways.	Any action had been taken so far?  □ Not yet □ xSome (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	<ul> <li>Challenges faced in implementation:</li> <li>There has been the policy guideline, but it has not been institutionalized in the legal documents.</li> </ul>
3Rs in industrial waste			Examples of pilot projects and/or where relevant  - PM Decision 1393/QD-TTg date Growth Strategy for period from 201 is important goal of the strategy.  http://www.chinhphu.vn/portal/page/document_id=163886	orth is going to be approved.

7	Promote <b>industrial symbiosis</b> (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?  □ x Not yet □ Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	Challenges faced in implementation:  - There has been some initiatives but not any model of industrial symbiosis replicated widely in Vietnam.	
3Rs in industrial waste		where relevant  - There are some study on ecological http://www.thiennhien.net/2013/08/0ai-tp-hcm/  - Some industrial parks have tried to Hoa IP (Tay Ninh) but results are - Some industrial symbiosis initiative as those in Bien Hoa 1 Industrial Z Tay Ninh Province and the Tra C tapioca wastewater is being partly a undertaken by local and internations.	iatives have been examined in the food processing industry, such ial Zone in Dong Nai Province, Tan Chau-Singapore Company, a Co Tapioca Processing Village, Dong Nai Province, where thy and successfully reused in fish culture. More recently, studies tional experts at the National University of Civil Engineering of the potential for industrial symbiosis in the utilisation of industrial	

		Is this Goal relevant for your country	y? □ xYes	□ No	☐ Partially
	Build <b>local capacity</b> 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?  □ Not yet □ x Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	Challenges faced in - Awareness of pri is still limited.	n implementation: ivate sector in enviror	nmental protection
3Rs in industrial waste		(Please Check the box)  Examples of pilot projects and/or policies developed or under development – include URLs where relevant  - Measures for implementation of the Strategy on Cleaner Production in Industry to 2020, approved in PM Decision No. 1419/QD-TT September 7, 2009 include: (i) The development and dissemination of technical guidelines on cleaner production in industry; (ii) Providing training and capacity building for management staff, consultants and experts working in the field of industrial cleaner production.  http://www.chinhphu.vn/portal/page/portal/English/strategies/strategiesdetails?categoryId=30&ar ticleId=10051863  - Training activities in cleaner production, waste audits have been implemented in a number of industrial facilities in quite some projects such as UNDP project on "environmental pollution control", project on "green action plan for SMEs in Vietnam"; project on "application of waste			

			Important Actions you will take in 2014         Implementation of the Strategy of Cleaner Production.         Is this Goal relevant for your country?       □ xYes       □ No       □ Partially			
3Rs in industrial waste	9	Develop proper classification and inventory of hazardous waste as a prerequisite towards sound management of such waste.		- Most of the household hazardous wastes are not separated at source but collected and transported together with non-hazardous waste to the landfill.  - There is a lack of technologies and processing equipment, resulting in ineffective and unsafe treatment and disposal of waste. Many type of hazardous waste are not treated or poorly treated.		

		Examples of pilot projects and/or policies developed or under development – include URLs where relevant  - Circular No. 12/2011/TT-BTNMT dated April 14, 2011 of the Minister of Natural Resources and Environment (MONRE) on hazardous waste management <a href="http://pops.org.vn/OtherPages/detaildoc/tabid/175/DocID/304/TabModuleSettingsId/3232/language/en-US/Default.aspx">http://pops.org.vn/OtherPages/detaildoc/tabid/175/DocID/304/TabModuleSettingsId/3232/language/en-US/Default.aspx</a> - Currently, management of hazardous waste in the industry and health care is being implemented relatively well.		
		Important Actions you will take in 2014		
		Is this Goal relevant for your country?	□x Yes □ No □ Partially	
II. 3R (	Goals 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 harvesting and storage, processing and packaging, distribution), leading to reduction of waste while increasing the quantity and improving the quality of products reaching consumers.	<ul> <li>□ x Not yet</li> <li>□ Some (design – piloting)</li> <li>□ Largely in Place</li> <li>□ Fully Completed</li> <li>(Please Check the box)</li> <li>Examples of pilot projects and/or policion where relevant</li> </ul>	<ul> <li>Awareness of environment protection of producers is still limited;</li> <li>Lack of policies and mechanism to reduce losses in the overall food supply chain (production, post harvesting and storage, processing and packaging, distribution)</li> </ul>	

		Important Actions you will take in 2014	
		Is this Goal relevant for your country?	□ xYes □ No □ Partially
11	Promote full scale use of	Any action had been taken so far?	Challenges faced in implementation:
	agricultural biomass waste and	☐ Not yet	- Lack of technology and financial resources.
	livestock waste through reuse and/or recycle measures as appropriate, to		
	achieve a number of co-benefits	☐ Largely in Place	
	including GHG emission reduction, energy security, sustainable	☐ Fully Completed	
	energy security, sustainable	(Please Check the box)	

livelihoods in rural areas and poverty
reduction, among others.

Examples of pilot projects and/or policies developed or under development – include URLs where relevant

- Ministry of Agriculture and Rural Development (MARD) has issued the Circular No.19/2013/TT-BNNPTNT: Guiding to use energy economically and efficiently in agricultural production;

http://congbao.chinhphu.vn/noi-dung-van-ban-so-19\_2013\_TT-BNNPTNT-%2810871%29?cbid =10869

- Project "Biogas Program for the Animal Husbandry Sector of Vietnam" is implemented by MARD with supports from the Netherlands Development Organisation – SNV. By the end of 2012, the project has supported construction of over 124,000 biogas tanks, provided training for 953 provincial and district technicians, 1,505 biogas mason teams, and organised 140,000 promotion workshops and trainings for biogas users.

 $\underline{\text{http://www.snvworld.org/en/countries/vietnam/our-work/projects/vietnam-national-biogas-programme}$ 

- The first thermal power plant project using rice husks in Vietnam, one of the 20 power plants in 6 Mekong Delta localities, is constructing in an area of 9 hectares in the town of Long My, Hau Giang province. The plan has capacity of 10MW.

http://english.vietnamnet.vn/fms/environment/85615/vietnam-builds-first-power-plant-fueled-by-rice-husks.html

		Important Actions you will take in 2014  Project "Biogas Program for the Animal Husbandry Sector of Vietnam" continue to be implemented.	
		Is this Goal relevant for your country?	☐ xYes ☐ No ☐ Partially
III. 3R G	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?  □ Not yet □ x Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	Challenges faced in implementation: - Community awareness of environmental protection, especially on plastic waste, is still limited.

Examples of pilot projects and/or policies developed or under development – include URLs where relevant
- Decision 582/QĐ-TTg dated 15 April 2013 of the Prime Minister approved the Program on strengthening control of environmental pollution due to the use of persistent plastic bags in daily activities in 2020 with the objective until 2020 of collection and reuse 50% of total plastic bag waste generated in households.
http://www.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class_id=2&mode=detail&document_id=166668
- One pilot project is in Cu Lao Cham Island, Quang Nam province, where no more plastic bags used to preserve environment. Since 2009, Hoi An City implemented a "Say no to plastic bags" campaign here. Instead of using plastic bags when shopping, local people have switched into using baskets provided for free by the Youth Union Committee of Hoi An city (nearly 3,000 free plastic baskets for households on Cu Lao Cham island that holds food, living food.
http://www.vietnambreakingnews.com/2012/10/no-plastic-bags-allowed-on-vietnamese-island/#.Uvh43Pt1LFw
Important Actions you will take in 2014
- Implementing 6 projects/programmes attached in the Decision 582/QĐ-TTg
Is this Goal relevant for your country? $\Box x \text{ Yes} \qquad \Box \text{ No} \qquad \Box \text{ Partially}$

Ensure environmentally-sound management of e-waste at all stages, including collection, storage, transportation, recovery, recycling, treatment, and disposal with appropriate consideration for working conditions, including health and safety aspects of those involved.	Any action had been taken so far?  □ Not yet □ x Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	<ul> <li>Challenges faced in implementation:</li> <li>There is no specific regulation on e-waste.</li> <li>There are lacks of formal, large scale e-waste recycling industries.</li> </ul>
	where relevant  - Decision No. 50/2013/QĐ-TTg dated Autreatment of discarded products (extend the manufacturing and importing business collect and treat discarded products, include	tal/chinhphu/hethongvanban?class_id=1&mode=detail

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?  Not yet  x Some (design – piloting)  Largely in Place  Fully Completed  (Please Check the box)  Examples of pilot projects and/or policit where relevant	Challenges faced in implementation:  - The current environment law and regulations do not allow import of waste but import of certain regulated types of scrap. Some companies take advantage of this to illegally import large quantities of waste, especially for e-waste. In addition, the existing monitoring and penalty regime has not enough strong to curb this.  es developed or under development – include URLs
		scraps for use as production materials. Togethe imported for use as raw materials for production materials.	being revised.  will be approved in 2014.

		T
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?  □ Not yet □ x Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	Challenges faced in implementation:  - Not yet developed the Circular to guide implementation of the Decision No. 50/2013/QĐ-TTg.  - No mechanism of establishing network for collecting back discarded products.  - Facilities of recycling and treatment after collecting back are inadequate.
	where relevant  - Decision No. 50/2013/QĐ-TTg dated Artreatment of discarded products (extension the manufacturing and importing busines collect and treat discarded products.	ugust 09, 2013 of the Prime Minister on collection and ided producers responsibility – EPR). Accordingly, esses will be responsible for setting up the sites to <a href="https://example.com/real/chinhphu/hethongvanban?class_id=1&amp;mode=detail">https://example.com/real/chinhphu/hethongvanban?class_id=1&amp;mode=detail</a>
	Important Actions you will take in 2014 - Development of the Circular to guide im	aplementation of the Decision.
	Is this Goal relevant for your country?	□ x Yes □ No □ Partially

16	Promote the 3R concept in	Any action had been taken so far?	Challenges faced in implementation:
	health-care waste management.	□ Not yet	- Lack of financial resource for building up
		$\square$ x Some (design – piloting)	waste treatment facilities for medical waste.
		☐ Largely in Place	- Lack of proper technologies, facilities for
		☐ Fully Completed	treatment of medical hazardous waste.
		(Please Check the box)	

Examples of pilot projects and/or policies developed or under development – include URLs where relevant
- Decision 43/2007/QD-BYT dated November 30, 2007 of the Minister of Ministry of Health (MOH) on the Regulation on Management of Medical Wastes. The Decision regulates fully and clearly classification, collection, transport, storage and treatment of solid waste as well as treatment of wastewater and emission at the medical facilities.
http://www.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class_id=1&_page=256&_mode=detail&document_id=53436
- Decision No. 1873/QD-BYT dated 28 May 2009 of the MOH Minister on Environmental Protection Plan for Health sector in 2009-2015 period.
- Decision 2038/QĐ-TTg dated 05 Nov 2011 of the Prime Minister approved Master Plan on medical waste treatment for the 2011-2015 period, with orientations toward 2020. The master plan has a general objective of handling hazardous elements in waste generated from medical facilities to human health and environment to protect health of medical staff, patients and communities.
http://vanban.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class_id=2&mode=detail &document_id=152572
Important Actions you will take in 2014
Is this Goal relevant for your country? □x 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 greening jobs nation-wide in all economic and development sectors	<ul> <li>□ Not yet</li> <li>□ x Some (design – piloting)</li> <li>□ Largely in Place</li> <li>□ Fully Completed</li> <li>(Please Check the box)</li> </ul>	<ul> <li>There is still lack of strong legal regulations to improve resource efficiency and resource productivity by greening jobs nation-wide in all economic and development sectors.</li> <li>The current growth model is based partly on the intensive use of natural resources with the</li> </ul>	
		(1 lease check the box)	large intensity of resource use (water, energy)	
		where relevant  - Resolution No. 24-NQ-TW of the 7 <sup>th</sup> Proactive responses to climate changenvironmental protection in which specify resource productivity.	Conference of the 11 <sup>th</sup> Central Party Committee on ge, enhanced natural resource management and y contents on improvement of resource efficiency and	
			sources management for improvement of the economy s being submitted to the Government for approval.	

	Important Actions you will take in 2014  The Program on strengthening natural resources management for improvement of the economy competitiveness will be approved by the Prime Minister in 2014.	
	Is this Goal relevant for your country?	□x Yes □ No □ Partially
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 □ x Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	<ul> <li>Challenges faced in implementation:         <ul> <li>Lack of financial resource for investment in GHG reduction project in waste sector.</li> </ul> </li> <li>There are still limited number of waste-to-energy projects due to high cost.</li> </ul>

<del>-</del>	
	Examples of pilot projects and/or policies developed or under development – include URLs where relevant
	- Decision 1775/QD-TTg dated November 21, 2012 of the Prime Minister approved the Program of greenhouse gas emission management; management of carbon credit business activities to the world market. Target of reducing greenhouse gas emission to 2020 compared to 2005 in area of waste management is 5%.
	http://www.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?mode=detail&document_i d=164617
	- The project on "The system handles industrial waste generators in Nam Son Waste Treatment Complex" reuse waste gas to produce electricity. Project implementation period from 2012 to 2016, revenue is expected emissions from landfills is 2,286,693 tons of CO2.
	http://www.vietnambreakingnews.com/2013/11/inauguration-of-the-first-factory-turns-wastes-into-energy/#.UvijN_t1LFw
	Important Actions you will take in 2014
	Implementation of Decision 1775/QD-TTg dated November 21, 2012 of the Prime Minister
	approved the Program of greenhouse gas emission management; management of carbon credit business activities to the world market.
	Is this Goal relevant for your country? $\square$ xYes $\square$ No $\square$ Partially

19	Enhance national and local	Any action had been taken so far?	Challenges faced in implementation:
	knowledge base and research	□ Not yet	- Networking and sharing information, in
	network on the 3Rs and resource efficiency, through facilitating	$\square$ x Some (design – piloting)	general and 3R in particular, is not good in Vietnam.
	effective and dynamic linkages	☐ Largely in Place	vietnam.
	among all stakeholders, including governments, municipalities, the	☐ Fully Completed	
	private sector, and scientific	(Please Check the box)	
	communities.	Examples of pilot projects and/or policies developed or under development – include URLs where relevant  - Strategy executive Board of Cleaner Production - Ministry of Industry and Trade, Vietnam Cleaner Production Centre- Hanoi University of Science and Technology, have organized	
		various training workshops on cleaner pro and cities all across the country	oduction for numerous industrial facilities in provinces
		http://sxsh.vn/en-US/Home/default.aspx	
	environmental performance" project, fund	ded by UNDP, implementation scheduled for 4 years. One major component of the project is to provide f natural resources management.	
		Important Actions you will take in 2014	
		Is this Goal relevant for your country?	□ xYes □ No □ Partially

20	Strengthen multi-stakeholder	Any action had been taken so far?	Challenges faced in implementation:
	partnerships among governments,	□ Not yet	- The participation of enterprises in
	civil society, and the private sector in raising public awareness and	$\square$ x Some (design – piloting)	environment protection is still not so active,
	advancing the 3Rs, sustainable	☐ Largely in Place	mainly in waste collection and informal recycling.
	consumption and production, and resource efficiency, leading to the	☐ Fully Completed	- There exists a low sense of responsibility of
	behavioural change of the citizens	(Please Check the box)	community for environmental protection.
	and change in production patterns.	Examples of pilot projects and/or policion where relevant	es developed or under development – include URLs
		- Decision No. 71/2010/QD-TTg dated November 09, 2010 of the Prime Minister approved the	
		pilot investment in the public-private partnership (PPP). Environment is one of the sectors for pilot investment in the PPP, specifically on environmental rehabilitation and restoration	
		mineral exploitation activities.	on environmental remaintation and restoration in
		http://www.chinhphu.vn/portal/page/portal	l/chinhphu/hethongvanban?class_id=1&mode=detail&
		document_id=97686	
		- Decision 1216/QĐ-TTg dated 5/9/2012 of the Government on National Strategy environmental protection until 2020 and vision toward 2030: promote the adoption of	
		public-private partnership model (part V	VI, solution 5: Enhancement and diversification of
		environmental investment)	
		http://vanban.chinhphu.vn/portal/page/port&document id=163495	tal/chinhphu/hethongvanban?class_id=2&mode=detail
		<u>caocament_ra=105475</u>	

		Important Actions you will take in 2014			
		Is this Goal relevant for your country?	□ xYes	□ No	☐ 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?  □ Not yet □ x Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	Challenges faced in implementation:  - Although environmental protection had included in education system since 2001 there still exists a low sense of responsit of community for environmental protection due to weak enforcement.	since 2001, but f responsibility	
		where relevant  - Decision 1216/QĐ-TTg dated 5/9/201 environmental protection until 2020 and v change education shall be continuously p education and training system (Part VI, sol <a href="http://vanban.chinhphu.vn/portal/page/port-&amp;document_id=163495">http://vanban.chinhphu.vn/portal/page/port-&amp;document_id=163495</a> - Environmental protection has been intro	cies developed or under development – include URLs  112 of the Prime Minister on National Strategy for vision toward 2030 in which environmental and climate promoted among all levels of schooling in the formal olution 1).  12 ortal/chinhphu/hethongvanban?class_id=2&mode=detail  13 roduced in education system by implementation of the tal protection in education program approved by the		

		Important Actions you will take in 2014 Implementation of the National Strategy toward 2030.  Is this Goal relevant for your country?	for environmer  ☐ x Yes	ntal protection until	2020 and vision  ☐ 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	Any action had been taken so far?  □ Not yet □x Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	- There are still between minis waste from craft - Policies and	ed in implementation: I some overlaps in wattries, lines such as	aste management management of

Development, Ministry of Education, and other relevant ministries towards transitioning to a resource-efficient and zero waste society.

Examples of pilot projects and/or policies developed or under development – include URLs where relevant

**Ministry of Health:** (i) Regulation on Management of Medical Wastes (was approved at Decision 43/2007/QD-BYT dated November 30, 2007 by the Minister of Health).

http://www.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class\_id=1&\_page=256&\_mode=detail&document\_id=53436

- (ii) Environmental Protection Plan for Health sector in 2009-2015 period (was approved at Decision No. 1873/QD-BYT dated 28 May 2009 by Minister of Health).
- (iii) Master plan on medical waste treatment for the 2011-2015 period, with orientations toward 2020 (was approved at Prime Minister Decision 2038/QĐ-TTg dated 05 Nov 2011). The master plan has a general objective of handling hazardous elements in waste generated from medical facilities to human health and environment to protect health of medical staff, patients and communities.

 $\underline{\text{http://vanban.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class id=2\&mode=detail} \\ \underline{\text{l\&document id=152572}}$ 

**Ministry of Industry and Trade:** (i) Strategy on cleaner production to 2020 (approved at Prime Minister Decision 1419/QĐ-TTg dated September 07, 2009).

http://m.chinhphu.vn/gov/document/view/13069/1597/

(ii) Strategy of use of clean technologies (approved at Prime Minister Decision 2612/QD-TTg dated 30 December 2013)

**MONRE:** (i) National Strategy for Environmental Protection (approved at Prime Minister Decision 1216/QD-TTg dated 05 Sep 2012)

 $\underline{\text{http://vanban.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class\_id=2\&mode=detai}\\ \underline{1\&document\_id=163495}$ 

(ii) Project of environmental protection in craft villages until 2020 and orientation to 2030 (approved at Prime Minister Decision 577/QD-TTg dated 11 April 2013)

http://www.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class\_id=2&mode=detail&document\_id=166666

**Ministry of Construction and MONRE** together developed National Strategy of Integrated Solid Waste Management (approved at Prime Minister Decision 2149/QD-TTg on 17 December 2009)

http://vanban.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class\_id=1&mode=detail&document\_id=92301

**Ministry of Education and Training:** implementing the Scheme on integrating environmental protection into national education system" (according to Prime Minister Decision 1363/QĐ-TTg dated 17 October 2001)

http://thuvienphapluat.vn/archive/Quyet-dinh/Quyet-dinh-1363-QD-TTg-phe-duyet-de-an-Dua-cac-noi-dung-bao-ve-moi-truong-vao-he-thong-giao-duc-quoc-dan-vb20056t17.aspx

Important Actions you will take in 2014

Revised Environmental Protection Law will be adopted in 2014.

		Is this Goal relevant for your country?	□ xYes □ 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.	where relevant  - Decision 1393/QD-TTg dated September Green Growth Strategy for period from implementation of green procurement is on <a href="http://www.chinhphu.vn/portal/page/portal-document_id=163886">http://www.chinhphu.vn/portal/page/portal-document_id=163886</a> - Decision 68/2011/QD-TTg dated December of energy-saving equipments that must	Challenges faced in implementation:  There are still not specific regulations to promote on green procurement.  Lack of supporting policies/incentives to encourage businesses to manufacture green products.  Community awareness on environmentally-friendly goods and products is still limited.  There are still not specific regulations to encourage businesses to manufacture green products.  Community awareness on environmentally-friendly goods and products is still limited.  There are still not specific regulations to encourage businesses to encourage businesses to encourage businesses to encourage businesses to manufacture green products.  There are still not specific regulations to encourage businesses to encourage bus
		Is this Goal relevant for your country?	$\square$ x Yes $\square$ No $\square$ Partially

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?  □ Not yet □ x Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	Challenges faced in implementation:  - There are limited awareness of authorities on this issue.
	where relevant  - Resolution No. 24-NQ-TW of the 7 <sup>th</sup> Proactive responses to climate change environmental protection: Establish the response to climate change environmental protection: Establish the response of the control of the	for implementation of Resolution 24/NQ-TW has been an for implementation of Resolution 24/NQ-TW.

25	Protect public health and	Any action had been taken so far?	Challenges faced in implementation:
	ecosystems, including freshwater and marine resources by eliminating illegal activities of open	<ul><li>□ Not yet</li><li>□ x Some (design – piloting)</li></ul>	- The Master plans for the construction of solid waste treatment facilities were approved, but require big financial resource to implement
	dumping, including dumping in the oceans, and controlling open burning in both urban and rural areas.	٥٠	which is lack of Vietnam.

Examples of pilot projects and/or policies developed or under development – include URLs where relevant
- Decision 1440/QD-TTg dated 06 October 2008 of the Prime Minister approved Master plan for the construction of solid waste treatment facilities in 3 key economic areas in the North, Centre and South of Viet Nam to 2020
http://vanban.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class_id=1&mode=detail &document_id=87042
- Decision 1873/QD-TTg dated 11 October 2010 of the Prime Minister approved Master plan for the construction of the solid waste treatment facilities in the key economic area of Mekong Delta to 2020
http://congbao.chinhphu.vn/noi-dung-van-ban-so-1873_Q%C4%90-TTg-(342)
- For three key economic areas in the North, Centre and South of Viet Nam, there are 7
inter-provincial solid waste treatment sites identified in the plans. For the key economic area of the Mekong Delta only, there are five provincial solid waste treatment sites (i.e. An Giang, Kien
Giang, Ca Mau, and Can Tho (2 sites)) and one inter-provincial solid waste treatment site, a
hazardous solid waste treatment site with scale of 20 ha, located next to the solid waste treatment site in Ca Mau.
Important Actions you will take in 2014
Is this Goal relevant for your country? □ xYes □ No □ 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.	<ul> <li>where relevant</li> <li>MONRE Circular 01/2013/TT-BTNMT permitted to be imported for</li> </ul>	Challenges faced in implementation:  - Some individuals, businesses take advantage of permitting the import of certain types of scrap to illegally import wastes into Vietnam.  es developed or under development – include URLs  T dated January 28, 2013 stipulated specific scraps use as raw materials for production.  u-01-2013-TT-BTNMT-phe-lieu-duoc-phep-nhap-kha
		Important Actions you will take in 2014  Is this Goal relevant for your country?	

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.	ring, public announcement cation of statistics on wastes Rs, to understand the state of nanagement and resource	<ul> <li>Challenges faced in implementation:         <ul> <li>Currently, there is not a nationwide systematic data collection, compilation and sharing, public announcement and application of statistics on wastes.</li> <li>The Program on developing a solid waste</li> </ul> </li> </ul>	
		(Flease Clieck the box)	database has not implemented yet.	
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant  - The Program on developing a solid waste database which is approved in the National Strategy		
		for Integrated Solid Waste Management up to 2025, with a vision to 2050 (Decision No.		
		2149/QD-TTg dated December 17, 2009 of the Prime Minister). The program aims to develop a		
		solid waste database throughout the whole country, in order to increase the effectiveness of solid		
		•	levels. However, up to now, this program has not still	
		implemented yet.		
			tal/chinhphu/hethongvanban?class_id=1&mode=detail	
		&document_id=92301		
		Important Actions you will take in 2014		
		Is this Goal relevant for your country?	□ x Yes □ No □ 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?  □ Not yet □ x Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	<ul> <li>Challenges faced in implementation:</li> <li>Incineration is still an expensive and high cost technology for Vietnam. There are lack of financial resource.</li> <li>Low solid waste treatment fee has been one of the constraints.</li> </ul>
		<ul><li>where relevant</li><li>On September 19th 2009, Hanoi has a electricity in Nam Son with capacity of</li></ul>	es developed or under development – include URLs started construction of waste incineration plants for 1930kW, 75 tons of waste per day. The project is I that by the end of 2014, the whole plant will be put
		100 million USD by the Hitachi Zosen, Japanter Million USD by the Hi	ncineration is being studied with investment capital of
	Important Actions you will take in 2014  Is this Goal relevant for your country?	☐ x Yes ☐ No ☐ 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	Any action had been taken so far?  □ Not yet □ x Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	<ul> <li>Challenges faced in implementation:         <ul> <li>Cooperation and investment of foreign and local business sector in waste management are still limited due to low profit.</li> </ul> </li> </ul>	
NGO-to-NGO. Encourage technology transfer and technical and financial supports for 3Rs from developed		Examples of pilot projects and/or policies developed or under development – include URLs		
	countries to less developed countries.	- Viet Nam has actively participated in 3R Regional Forums in Asia. The 4 <sup>th</sup> Forum has been organized in Hanoi with the Hanoi Declaration has been adopted.		
		Natural Resources and Environment (IS	A, specifically, the Institute of Policy and Strategy on SPONRE) under Minstry of Natural Resources and oi và Ho Chi Minh City are members of IPLA.	
		- Besides, ISPONRE and other institution such as IGES, NIES in Japan; KEI, KEITI	ns have cooperation with Japan in waste management in Korea.	
		- Viet Nam has been funded by JICA, Jap 3R and waste management.	pan and other countries in different projects related to	
		Important Actions you will take in 2014  Attending the 5 <sup>th</sup> 3R Regional Forum in Asia and activities of IPLA		
		Is this Goal relevant for your country?	☐ x Yes ☐ No ☐ 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?  □ x Not yet □ Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	<ul> <li>Challenges faced in implementation:</li> <li>Having a big number of islands, Viet Nam will have to resolve the waste isues in islands. For the time being, not much attention has been paid.</li> </ul>
		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 ☐ x 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?  Not yet  xSome (design – piloting)  Largely in Place Fully Completed (Please Check the box)	<ul> <li>Challenges faced in implementation:</li> <li>The EPR mechanism has just been introduced and needs to be implemented.</li> <li>Lack of formal recycling industries.</li> </ul>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant  - Decision No. 50/2013/QĐ-TTg dated August 09, 2013 of the Government on take back and treatment of discarded products.  http://vanban.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class_id=1&mode=detail_ &document_id=169205  Important Actions you will take in 2014  Development of the Circular to guide implementation of the Decision.  Is this Goal relevant for your country? □x Yes □ No □ 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?  □ x Not yet □ Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	Challenges faced in implementation:  - There is not enough awareness and attention of the authorities and communities on this issue.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant  There are some regulation about not allowing children labour use in the Labour Code but there is still not specific activities for elimination of illegal engagement of children in the informal waste sector.  Important Actions you will take in 2014  Is this Goal relevant for your country? □x Yes □ No □ x Partially	

33	Promote 3Rs taking into account gender considerations.	Any action had been taken so far?  □ x Not yet □ Some (design – piloting) □ Largely in Place □ Fully Completed (Please Check the box)	<ul> <li>Challenges faced in implementation:</li> <li>There is not enough awareness and attention of the authorities and communities on this issue.</li> </ul>
			Examples of pilot projects and/or policies where relevant  Important Actions you will take in 2014