

Eighth Regional 3R Forum in Asia and the Pacific

“Achieving Clean Water, Clean Land and Clean Air through 3R and Resource Efficiency- A 21st Century Vision for Asia-Pacific Communities”

Indore, Madhya Pradesh, India, 9-12 April 2018

City Report

(Draft)

< Dhaka South, Bangladesh >

This city report was prepared by Dhaka South, Bangladesh as an input for the Eighth Regional 3R Forum in Asia and the Pacific. The views expressed herein do not necessarily reflect the views of the United Nations.

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CITY REPORT: [City Name: Dhaka, Bangladesh]

Guideline for City Reporting on Major Initiatives/Achievements in 3R areas

The main objective of the City Reporting is to share among international community the progress, achievements and best practices, including various challenges faced, in the areas of **3R (Reduce, Reuse, Recycle)** and sustainable waste management. This would help development agencies, donors, including development banks, in assessing the needs and challenges of cities to better plan their existing and future capacity building programmes and operations in the field of 3Rs and sustainable waste management.

It would be appreciated if a consolidated city report could kindly be prepared by answering the following questions and submit to the **Secretariat of the Regional 3R Forum in Asia and the Pacific** by email to 3R@uncrd.or.jp

Timeline for submission: **31 January 2018**

Secretariat of the Regional 3R Forum in Asia and the Pacific
 United Nations Centre for Regional Development

CITY REPORT: [City Name: Dhaka, Bangladesh]	
Q 1	What are the roles of local government stipulated in the 3R-related policies, acts, laws, or regulations?
	Ministry of Environment and Forests are responsible to formulate the 3R related policies, acts and regulations. However, local government facilitate local authorities to provide infrastructure facilities, arrange required financial mechanisms to implement the strategy and accommodate the role of informal sector in the strategy.
Q 2	Are 3R policies integrated in your city development strategy or master plan? (Please attach photo(s) of your city's waste management facility if available.)
	<input type="checkbox"/> Yes => Please share goals/visions/major achievements/important lessons learnt that could be replicated elsewhere. <input type="checkbox"/> No => Please go to Q7 (please also answer Q5, 6, and 8) Partially integrated; 3R strategy is considered in newly constructed/integrated area with the city corporation. Please attach photos with caption, if available:

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Q 3	What are the major challenges and constraints faced by your city in implementing 3R policies and programmes?	
	(Please answer only if your answer to Q2 is “Yes”)	
	Financial constraints:	The management of waste requires an elaborate waste management infrastructure such as waste bins, construction cost of primary and secondary waste collection points, sanitary landfills, fleets of trucks for collection of wastes, waste treatment and recycling facilities, etc. All this costs money. No explicit strategy for mobilizing the necessary investment is in place. Absence of collection cost for cost recovery makes funding drive difficult.
	Institutional/governance challenges:	Lacks financial and human resources to address waste issues effectively. Do not have a functional record keeping method to assess the ward-wise and street-wise volumes of waste handled.
	Policy gaps:	Present national policy and rules are not adequately harmonized with the needs and capabilities of the local governments and industries.
	Other challenges such as technical capacity, human resources etc.:	Lack of civic awareness and public cooperation has always plagued the City Corporation efforts to keep the city clean. Most of the city’s current approach to waste management system is conventional i.e. end of pipe solution.
Q 4	What programme is in place in your city in support of NGOs activities towards promotion of 3Rs?	
	NGOs are fairly active to support government in implementing 3R strategy. They are working in cooperation with the city corporation through different projects ranging from direct support to indirect assistance to create public awareness.	
Q 5	Is there any collaborative 3R activities/projects/partnerships involving cities (e.g., city-to-city cooperation) and organizations at international level?	
	<input type="checkbox"/> Yes => Please brief the project(s) including objectives, project partners, target, period, budget etc. <input type="checkbox"/> No Japan International Cooperation Authority (JAICA) is in collaboration with Dhaka and Chittagong City Corporation for assisting in Preparing a Master Plan and executing the plan for next 15 years. JAICA is providing guidelines and training for executing the Master Plan in order to implement the 3R strategy. Please attach photos of the project (s) with caption, if available:	

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Q 6	What major future prospects or opportunities does your city have in 3R areas?			
	Raising Public Awareness through information, education and demonstration projects. Engaging an affordable mix of appropriate technical options to Reduce, Reuse, Recycle of Waste. The proposed strategy is focused on the entire aspect of waste management from generation to final disposal site.			
Q 7	What type of 3R infrastructure and facilities your city is equipped with? Please tick the appropriate.			
	Type of 3R infrastructure and facilities	Adequate/ Significant	If adequate, how many treatment facilities (in number)	Not-adequate / Non-significant
	<input type="checkbox"/> waste collection facility	<input checked="" type="checkbox"/>	Every ward has set collection system	<input type="checkbox"/>
	<input type="checkbox"/> waste segregation facility	<input type="checkbox"/>		<input checked="" type="checkbox"/>
	<input type="checkbox"/> waste storage facility	<input checked="" type="checkbox"/>	Secondary Transfer station in every ward, common landfill for dumping.	<input type="checkbox"/>
	<input type="checkbox"/> waste processing & treatment facility	<input type="checkbox"/>		<input checked="" type="checkbox"/>
	<input type="checkbox"/> resource recovery facility	<input type="checkbox"/>	Informal recovery	<input checked="" type="checkbox"/>
	<input type="checkbox"/> waste recycling facility	<input type="checkbox"/>	Informal recycling	<input checked="" type="checkbox"/>
	<input type="checkbox"/> waste to energy facility	<input type="checkbox"/>		<input checked="" type="checkbox"/>
	<input type="checkbox"/> eco-industrial zones	<input type="checkbox"/>		<input checked="" type="checkbox"/>
	<input type="checkbox"/> science parks/theme parks relevant to 3R	<input type="checkbox"/>		<input checked="" type="checkbox"/>
	<input type="checkbox"/> others (please specify:)	<input type="checkbox"/>		<input type="checkbox"/>
Q 8	Kindly provide the important 3R policies/programmes/projects/master plans that your City Government plans to undertake within next five years (2017-2022).			
	JAICA is assisting in preparing a Master Plan for Solid waste Management at Dhaka City. Present steps will improve the solid waste related problems by promoting community based solid waste recycling activities that will create job opportunity for the neglected (especially woman) poor of the cities from solid waste recycling activities. Conduct study, research, documentation and experiments on solid waste recycling,			

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	clinical waste management, and organic farming. Develop a community, private-sector and municipal partnerships to improve the overall environment. Moreover, waste to energy and E waste management plants are underway that will allow for resource recovery from the waste.			
Q 9	In response to the 2030 Agenda for Sustainable Development, in particular <i>SDG 6 (Water and Sanitation)</i>, <i>SDG 11 (Make cities and human settlements inclusive, safe, resilient and sustainable)</i> and <i>SDG 12 (Ensure sustainable consumption and production patterns)</i>, how your City is planning to advance 3R and resource efficiency related measures?			
	Local Government Ministry in coordination with Environment ministry formulates policy and plan in order to fulfill the requirement of SDG goal. The city corporation execute the plan and regularly updates the progress to concern authority.			
Q 10	What are the main challenges in your city concerning clean water, clean land and clean air? (Please answer the below points)			
		Yes	If yes, kindly write frequency of analyzing (number per month)	No
	Do you regularly analyze the air pollution in laboratories (NOx, air particles and other pollutants)?	<input type="checkbox"/>		<input checked="" type="checkbox"/>
	Do you regularly analyze the water contamination through chemically and biologically test (DO, heavy metal and microbial water quality)?	<input checked="" type="checkbox"/>	Regularly water is analyzed in the leachate treatment facilities at landfill	<input type="checkbox"/>
	Do you regularly analyze the soil pollution (disposal of hazardous and chemical waste)?	<input type="checkbox"/>		<input checked="" type="checkbox"/>

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Q 11	In response to the New Urban Agenda, in particular <i>Sustainable and inclusive urban prosperity and opportunities for all</i> and <i>Environmentally sustainable and resilient urban development</i>, how your City is planning to contribute to safe, inclusive and resilient city building related to 3R and sustainable waste management areas?
	City Corporation has strategic goal 'Clean Dhaka Green Dhaka'. To achieve this goal the Waste Management Department of Dhaka city corporation implements the 3R strategy with the policy laid down by the Local Government Ministry. Sustainable waste management is ensured through continuous monitoring of its available resources and maximum utilization of resources.
Q 12	[For Indian cities only], how is your city linking 3R (Reduce, Reuse and Recycle) to the Swachh Bharat Mission (Clean India Mission)? Do you think circular economic utilization of all waste streams in India would accelerate faster achievement of Swachh Bharat Mission? If so, is your city equipped with required 3R policies, programmes and infrastructures towards circular economic utilization of the waste streams?
	NA

*Kindly submitted to the Secretariat of the Regional 3R Forum in Asia and the Pacific by email to 3R@uncrd.or.jp before **31 January 2018**.
Thank you for your kind cooperation.*