

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)

<Guwahati, India>

This city report was prepared by Guwahati, India 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: GUWAHATI, ASSAM]

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: **10 February 2018**

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

CITY REPORT: [City Name: GUWAHATI, ASSAM]	
Q 1	What are the roles of local government stipulated in the 3R-related policies, acts, laws, or regulations?
	The local government is responsible for Solid Waste Management of the city. For the purpose 3R related policies, acts, laws or regulations are framed by the Local Self Government. It has ensured segregation of solid waste at sources and collection of the segregated waste separately by engagement of NGOs. At present there are total 58 nos. of NGOs engaged for the purpose.

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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 checked="" type="checkbox"/> Yes => A total of 58 nos. of NGO are engaged for collection segregate waste at source. User Charges are levied from the beneficiary households to recover the cost of service. <input type="checkbox"/> No => Please go to Q7 (please also answer Q5, 6, and 8) Please attach photos with caption, if available:	
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:	For implementation of 3R policy, infrastructure of the local Govt. needs to be strengthened. For this the local Govt. does not have enough resource.
	Institutional/governance challenges:	NA
	Policy gaps:	NA
	Other challenges such as technical capacity, human resources etc.:	Since the policy is somewhat new, capacity building in terms of technical knowledge and proper human resource are challenges.
Q 4	What programme is in place in your city in support of NGOs activities towards promotion of 3Rs?	
	NGOS gets paid for their engagement of manpower for 3R activities on per month per household basis. Machinery and vehicular support are borne by the local Govt.	
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 checked="" type="checkbox"/> No 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?			
	<p>Guwahati Municipal Corporation has plan to establish dry waste collection centers which will boost up the 3R activities.</p>			
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 type="checkbox"/>		<input checked="" type="checkbox"/>
	<input type="checkbox"/> waste segregation facility	<input checked="" type="checkbox"/>		<input type="checkbox"/>
	<input type="checkbox"/> waste storage facility	<input type="checkbox"/>		<input checked="" 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"/>		<input checked="" type="checkbox"/>
	<input type="checkbox"/> waste recycling facility	<input type="checkbox"/>		<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).			
	<p>The Guwahati Municipal Corporation has engaged IIT, Kharagpur for preparation of DPR for Solid Waste Management of the city. As a scope of the consultancy recommendation on the 3R policies are also included. Hence future plan will depend on the recommendation of IIT, Kharagpur study.</p>			

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Q 9	In response to the 2030 Agenda for Sustainable Development, in particular <i>SDG 6 (Water and Sanitation), SDG 11 (Make cities and human settlements inclusive, safe, resilient and sustainable) and SDG 12 (Ensure sustainable consumption and production patterns)</i>, how your City is planning to advance 3R and resource efficiency related measures?			
	Same as Q 8 above.			
Q 10	What are the main challenges in your city concerning clean water, clean land and clean air? (Please answer the below points)			
		Yes	No	
	Do you regularly analyze the air pollution in laboratories (NOx, air particles and other pollutants)?	<input type="checkbox"/>	If yes, kindly write frequency of analyzing (number per month)	<input checked="" type="checkbox"/>
	Do you regularly analyze the water contamination through chemically and biologically test (DO, heavy metal and microbial water quality)?	<input type="checkbox"/>		<input checked="" type="checkbox"/>
	Do you regularly analyze the soil pollution (disposal of hazardous and chemical waste)?	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Q 11	In response to the New Urban Agenda, in particular <i>Sustainable and inclusive urban prosperity and opportunities for all and 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?			
	The Guwahati Municipal Corporation is completely dedicated to make the city safe, inclusive and resilient as per the Solid Waste Management and Handling Rules 2016 and will have sustainable Waste Management Plan in near future.			
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			

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	Swachh Bharat Mission? If so, is your city equipped with required 3R policies, programmes and infrastructures towards circular economic utilization of the waste streams?
	YES. Guwahati city is linked to Swachh Bharat Mission in respect of 3R policies. Guwahati city is equipped with 3R policy. However, required infrastructure in terms men and machinery are to be upgraded.

*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.*