

Sixth Regional 3R Forum in Asia and the Pacific

“3R as an Economic Industry - Next Generation 3R Solutions for a Resource Efficient Society and Sustainable Tourism Development in Asia and the Pacific”

Malé, Maldives, 17-19 August 2015

City Report

(Draft)

< Dhiffushi Island >

This city report was prepared by Dhiffushi Island as an input for the Sixth Regional 3R Forum in Asia and the Pacific. The views expressed herein do not necessarily reflect the views of the United Nations.

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 devise their existing as well as 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 questionnaire (7 Questions in total) and submitted to the **Secretariat of the Regional 3R Forum in Asia and the Pacific** by email to 3R@uncrd.or.jp

Timeline for submission: **17 July 2015**

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

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Q 1	<p>What are the roles of local government stipulated in the 3R-related policies, acts, laws, or regulations?</p> <p>The government assigned the realization Island’s master plan at a partnership of European and Maldivian architects to discuss with the Local Administration to find the best solution to upgrade the social, economic and environmental situation. With the Master plan will be realized a guide line for the new sustainable build, will be an energetic balance of the energetic, water and plastic consume and the new projects will have a new image to be able to attract investors in the island and upgrade the economic situation of the local peoples</p>
Q 2	<p>Is 3R policy integrated in your city development strategy or master plan? (Please attach photo(s) of your city’s waste management if available.)</p> <p><input type="checkbox"/> Yes => Please share goals/visions/major achievements/important lessons learnt that could be replicated elsewhere.</p> <p><input type="checkbox"/> No => Please go to Q6 (please also answer Q4, 5, and 7)</p> <p>Yes → the 3R is integrated in the strategy as following :</p> <p>1 – WATER</p> <p>A – water to drink its produce with one pump to reduce the electrical needs to desalinate , and the electrical need of the pump will be produced with the solid part of greed and wc water plus plastic material , the result also will be ;</p> <p>a1 Reduce CO2 emission because reduce the gasoil needs .</p> <p>a2 Recycle the solid part of black water to produce energy</p> <p>a3. Reuse plastic bottle to produce energy</p> <p>2 – SOIL and Vegetation</p> <p>A – the soil will be expand but a good part of this will be maintained as forest to produce ventilation d refreshing area for tourist use in added some part of new little island will be seal to reinvest the public capital for build school and public service .</p>

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	<p>The result will be :</p> <p>2a1. Reuse local and plant to planning relax area and attract tourism</p> <p>2a2. Reuse natural and power material to build new build but with modern and comfortable design</p> <p>2.3 reduce the energy for the air conditioning with natural ventilation for the new build and public build .</p> <p>Please attach photos with caption, if available:</p>	
Q 3	What are the major challenges and constraints faced by your city in implementing 3R policies and programmes? (Please answer only if your <u>answer to Q2</u> is “Yes”)	
	Financial constrains:	the biggest difficulty is to have funding to change the type of energy supply and to install a new plant molecular pyrolysis to transform all waste materials and waste into energy
	Institutional/governance challenges:	
	Policy gaps:	
	Other challenges such as technical capacity, human resources etc.:	Other little difficult could be to teach at the people to change mentality and transforme local people in fans of your island. but we think it will be possible trough the children and the local school
Q 4	What programme is in place in your city to support NGOs activities towards promotion of 3Rs?	
	<ul style="list-style-type: none"> - We will produce informative brochure top beginning to change the peoples’ mentality - We will begin with a program for the collection recycling , for new buildings, the landscape and the protection of the sea 	
Q 5	Is there any collaborative 3R related activity/project/partnerships with cities and organizations at international level?	
	<p><input type="checkbox"/> Yes => Please brief the project(s) including objectives, project partners, target, period, budget etc.</p> <p>X No</p> <p>For the moment we are palnning any idea and technical project with a international projects group and will present as soon as possible the proicts in European union (the program for pacific area) because the program include more European technologies .</p> <p>Please attach photos with caption, if available:</p>	
Q 6	Even if your city doesn’t have any dedicated 3R policies/programmes/activities, what future prospects or opportunities does your city have in 3R areas?	
	We are sure that the new sustainable program to appgrate the island with the 3R will be able to produce interestin economic upgrate for the local people .	

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Q 7	What type of 3R infrastructure and facilities your city is equipped with? Please tick the appropriate.
	<input checked="" type="checkbox"/> waste collection facility <input type="checkbox"/> waste segregation facility <input type="checkbox"/> waste storage facility <input checked="" type="checkbox"/> waste processing & treatment facility <input type="checkbox"/> resource recovery facility <input checked="" type="checkbox"/> waste recycling facility <input type="checkbox"/> eco-industrial zones <input type="checkbox"/> science parks & theme parks covering 3R areas <input type="checkbox"/> others (please specify:)

Thank you for your kind cooperation.