

Seventh Regional 3R Forum in Asia and the Pacific

“Advancing 3R and Resource Efficiency for the 2030 Agenda for Sustainable Development”

Adelaide, SA, Australia, 2-4 November 2016

City Report

(Draft)

< Colombo Municipal Council >

This city report was prepared by Colombo Municipal Council as an input for the Seventh 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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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 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: **15 September 2016**

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

City Report Colombo Municipal Council

Q 1	What are the roles of local government stipulated in the 3R-related policies, acts, laws, or regulations?		
	National strategy on SWM & National policy on 3R is available for the country. Colombo Municipal Council is responsible for the implementation of 3R related projects within its City boundary. Various projects related to 3R are being implemented at present. Municipal Ordinance and related Municipal by laws to be updated immediately to strengthening the legal frame work. Updating by laws are in progress to made 3R mandatory by law for strict implementation.		
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 checked="" type="checkbox"/> No => Please go to Q6 (please also answer Q4, 5, and 7)</p> <p>Solid Waste Management master plan for the City is under preparation. Decision has been taken to include 3R policy in the master plan. Existing Corporate plan for the Council addressed 3R but not addressed 3R related strategies, objectives and implementing methods in depth.</p> <p>Please attach photos with caption, if available:</p>		
Q 3	<p>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")</p> <table border="1"> <tr> <td>Financial constrains:</td> <td>Less percentage is allocated from the Municipal budget for 3R related projects due to limited funds. No financial contribution to these projects from Central or Provincial Government. Real achievement can be obtained through driven force for the success implementation of 3R. Private sector and NGO's participation is very essential to drive through.</td> </tr> </table>	Financial constrains:	Less percentage is allocated from the Municipal budget for 3R related projects due to limited funds. No financial contribution to these projects from Central or Provincial Government. Real achievement can be obtained through driven force for the success implementation of 3R. Private sector and NGO's participation is very essential to drive through.
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Institutional/governance challenges:	Council is responsible for planning & managing all SWM related activities. City is highly populated and nearly no space available to implement any projects. But all state lands are available outside the City limits and obtaining various authorities clearance and approvals for these projects is a challenge to the Municipality. Giving priority for these projects by various administrative levels are minimum. Municipal ordinance and related by laws are very old and not updated and the enforcement is inadequate.
Policy gaps:	
Other challenges such as technical capacity, human resources etc.:	Lack of human resources such as supervisors & labourers at Municipal level, less opportunity for advanced technology for Municipal Officials, no private sector or NGO involvement in 3R related projects.

City Report : Colombo Municipal Council

Q 4 What programme is in place in your city to support NGOs activities towards promotion of 3Rs?

Council has annual programme for the implementation of 3R related projects.

Waste Segregation at Source- all residents and institutions have been requested to segregate waste into 5 categories such as organic waste, paper& card board, polythene& plastics, Glasses & bottles, metals& tin cans. Organic waste is collected separately by compactor trucks and recyclable waste is collected separately as it is collected by a separate compartmentalized tractor trailer by the Council. It is brought to the collection centers and further separated and bailed and sold to the recyclers by the Council labourers. Nearly 450 MT of organic waste collected is going to land fill every day.

Eco- Kiosk Centers- there are 8 centers in the city built by the Council to facilitate the residents to hand over the recyclable waste only by themselves at these centers during day time daily.

Eco- School project- waste segregation at school level is implemented to school children. Initially awareness programme is conducted to school authorities and children regarding 3R and requesting children to segregate waste as mentioned above categories and collected by the Council. Incentives are provided to children to encourage more participation towards 3R projects. Compost bins and plastic bins for recyclable waste collection is provided to schools through sponsors.

Home compost bin project- compost bins are issued free of charge by the Council to residents to encourage more participation in doing composting. Some schools also implementing composting for their garden use.

Public awareness Campaign- Public awareness programme conducted through issuing leaflets, Public address system, posters, newspapers regarding 3R to the General Public.

Street Dramas – Conducted at Public places and schools. Delivering messages to promote 3R.

Plastic bin project at underserved settlements- City has 1647 underserved settlements. Plastic bins have been provided by the Council free of charge to the houses in these settlements to store waste without throwing to streets, canals and drains.

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	<p>Community scale projects- it is implemented in a very small scale in some communities. Council promote this project through community leaders. But this is very far away to go head.</p> <p>Bio gas project- implemented in one market and under construction at prison. This project is coordinated by the Council.</p> <p>3R project in high rise buildings- City is developing rapidly in the recent past. Lot of high rise buildings are coming up. When the developer submitting application for the building plan approval, it is a must that the developer should submit the project proposal on SWM and obtain necessary approval in order to get the building permit. Once the building construction is over, developer should implement the proposal in order to obtain the Certificate of conformity.</p> <p>CSR projects- some private sectors have implemented small scale 3R projects in some areas for short time period. But Sustainability is in question as there is no follow up and monitoring.</p> <p>All the above projects NGOs participation is very essential. They can easily work with the Council directly as there is big demand for recyclable waste in my country. Proper infrastructure and networking to be built to be more efficient. High demand is available for compost in other parts of my country.</p>
<p>Q 5</p>	<p>Is there any collaborative 3R related activity/project/partnerships with cities and organizations at international level?</p> <p><input type="checkbox"/> Yes => Please brief the project(s) including objectives, project partners, target, period, budget etc.</p> <p><input checked="" type="checkbox"/> No</p> <p>Please attach photos with caption, if available:</p>
<p>Q 6</p>	<p>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?</p> <p>Even though City doesn't have 3R policies, 3R related projects are being implemented up to some extent. But City has more future prospects for 3R areas.</p> <p>Waste collection- Council has 50% outsourced of the city's waste collection services and 100% outsourced the city's cleaning services. In future Council is planning to outsource the balance 50% waste collection. There are only 2 private sectors available in this field. There will be more opportunities for more private sector involvement and long term investment as the Council policy is for long term privatization.</p> <p>Mass scale composting –home composting at very low level is in practice at the moment. As the city is highly populated and people are so busy, it is very difficult to implement the home composting due to the available space at household level and the time factor. As City collects nearly 500 MT organic waste daily, it has the opportunity for composting at mass scale through investment on machineries as Country has good market demand for compost.</p> <p>Waste recycling facility – Colombo city is the commercial hub of Sri Lanka. City doesn't have any waste recycling facility. As city is growing fast and various developments are under way, the quantity of waste going to be very high within another 3 – 4 years' time. There is</p>

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	<p>going be a very high increase in the city’s floating population and the waste composition pattern also going to vary with these activities. There will be a significant increase of recyclable waste due to the mixed development. This will provide very good opportunity for investment by Private sectors and NGO.</p> <p>Waste disposal facility - City’s waste is disposed at semi controlled land fill site and city is facing serious problems as no proper facility for final disposal. As most of the mixed waste is dumped there, it increase more problems. Due to the lack of land & financial restraints for the proper sanitary landfill construction, city’s waste disposal is in question at present. As the Government’s policy to purchase power at very competitive price, investment on waste to energy project is viable. Any other suitable technologies also will be considered even at small scale by the Council to solve the present burning issue.</p> <p>Public awareness on 3R- this should go in a very high level. Citizen participation is very important on waste segregation. This should be addressed at various levels such as schools, residences, institutions & commercial areas. Due to the lack of human resources in the Council, Public awareness is implemented at a slow rate. There will be more opportunities for the involvement of NGO and private sectors to expedite the process with small investment.</p>		
<p>Q 7</p>	<p>What type of 3R infrastructure and facilities your city is equipped with? Please tick the appropriate.</p>		
<p>Type of 3R infrastructure and facilities</p>	<p>Adequate/Significant</p>	<p>Not-Adequate/ Non-significant</p>	
<p>√ waste collection facility √ waste segregation facility √ waste storage facility <input type="checkbox"/> waste processing & treatment facility √ resource recovery facility √ waste recycling facility <input type="checkbox"/> waste to energy facility <input type="checkbox"/> eco-industrial zones <input type="checkbox"/> science parks/theme parks relevant to 3R √ others (please specify: Eco Kiosk centers – collection centers for recyclable centers)</p>	<p>√ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>	<p><input type="checkbox"/> √ √ <input type="checkbox"/> √ √ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> √</p>	
<p>Q 8</p>	<p>Kindly provide the important 3R policies/programmes/projects/master plans that your City Government plans to undertake within next five years (2016-2021)</p> <p>As mentioned earlier, Solid Waste management master plan for the City is under preparation. 3R will be included in the Vision and Mission statements with the action plan. Waste segregation at source became mandatory by law. 3R policies will be included and the related by laws and will be updated for the sustainability. Council has to allocate more budget for the sustainability of 3R related projects. Waste reduction and resource recovery strategies will be defined with the target, promoting and paving way for the involvement of Private sectors and NGO in 3R areas will also be addressed. But lack of funding and technical knowhow is the</p>		

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	challenge to the City and the City expecting for the partnership with other cities and international organizations for the sustainability.
Q 9	In response to the 2030 Agenda for Sustainable Development, in particular SDG 11 (<i>Make cities and human settlements inclusive, safe, resilient and sustainable</i>) and SDG 12 (<i>Ensure sustainable consumption and production patterns</i>), how is your City planning to advance 3R and resource efficiency related measures?
	With the introduction of the master plan, 3R & energy recovery and green concepts strategies with the action plan will be addressed through City's mid and long term developments goals to achieve the 2030 Agenda for SDG 11 &12. These goals can be achieved through the implementation of defined 3R related projects, GHG reduction and resource efficiency measures.

Thank you for your kind cooperation.

Eco-School Project

3R Awareness at school



Collection of Recyclable waste at school



Print media Campaign



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Collection of recyclable waste in a separate compartmentalized vehicle



Waste segregation at Provincial level school (Eco- School Project)

Activities at the Collection & sorting center (Eco- Kiosk)



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Bio – Gas plant



Home Composting



Public awareness campaign on 3R

Street drama



House to House awareness



Public Awareness at underserved settlement