

**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)**

**< Jakarta >**

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This city report was prepared by Jakarta 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.

# Seventh Regional 3R Forum in Asia and the Pacific

02-04 November 2016, Adelaide, SA, Australia

## 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](mailto: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 [City Name: Jakarta ]

**Q 1** **What are the roles of local government stipulated in the 3R-related policies, acts, laws, or regulations?**

- Law No. 18 of 2008 on Waste Management emphasized waste generation to be minimised at the source to reduce the burden of waste transport and treatment. The Law also highlighted the importance of community in undertaking measures for waste reduction to minimise the burden of management and treatment and local governments in Indonesia to conduct 3R approaches in waste management.
- Government Regulation No. 81 of 2012 on Household Waste and Household-like Waste Management emphasised municipal governments in Indonesia to provide recycling facilities in residential areas.
- Regional Regulation No. 2 of 2013 on the 2013-2017 Medium-term Development Plan of Jakarta mandated Jakarta Capital City Government to implement 3R approaches through the establishment of waste processing/recycling facilities, the empowerment of residents to initiate and to manage waste bank at the Sub-District level, as well as to nurture waste bank network across 267 Sub-Districts in the City of Jakarta. The regulation set a target for 3R implementation by reducing waste generation at-source from 7 percent in 2012 to 15 percent of total waste in 2017.
- Regional Regulation No. 3 of 2013 on Waste Management emphasised Jakarta Capital City Government to implement 3R approaches by allocating budget, collecting waste, providing waste processing/recycling facilities, raising residents' awareness, and coordinating/cooperating with various stakeholders.
- Environment Ministerial Regulation No. 13 of 2012 on Guidelines on the Implementation of Reduce, Reuse, and Recycle through Waste Bank. Waste Bank is a community-based waste

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	<p>management to reduce solid waste at-source by sorting and collecting inorganic household waste such as paper, cardboard, plastic, cans, etc.), to raise residents' participation in waste management as well as to increase the economic value of waste.</p>								
<p><b>Q 2</b></p>	<p><b>Is 3R policy integrated in your city development strategy or master plan?</b> (Please attach photo(s) of your city's waste management if available.)</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/> Yes =&gt; Please share goals/visions/major achievements/important lessons learnt that could be replicated elsewhere. <input type="checkbox"/> No =&gt; Please go to Q6 (please also answer Q4, 5, and 7)</p> <p>Regional Regulation No. 2 of 2013 on the 2013-2017 Medium-term Development Plan of Jakarta mandated Jakarta Capital City Government to implement 3R approaches through the establishment of waste processing/recycling facilities, the empowerment of residents to initiate and to manage waste bank at the sub-district level, as well as to nurture waste bank network across 267 sub-districts in the City of Jakarta. The regulation set a target for 3R implementation by reducing waste generation at-source from 7 percent in 2012 to 15 percent of total waste in 2017.</p> <p>Please attach photos with caption, if available:</p>								
<p><b>Q 3</b></p>	<p><b>What are the major challenges and constraints faced by your city in implementing 3R policies and programmes?</b> (Please answer only if your answer to Q2 is "Yes")</p> <table border="1"> <tr> <td>Financial constraints:</td> <td>- Limited financial resources to cover complete approaches/advance technologies of 3R implementation.</td> </tr> <tr> <td>Institutional/governance challenges:</td> <td>- Complexities on the implementation of PPP projects in Indonesia; - Lack of implementation for law enforcement on waste segregation at-source.</td> </tr> <tr> <td>Policy gaps:</td> <td>- Lack of clear policies to identify the preferred waste management system; - Non-existence of ordinance specifically on the 3R plan and strategies (currently in the drafting phase).</td> </tr> <tr> <td>Other challenges such as technical capacity, human resources etc.:</td> <td>- Limited land available for waste processing/recycling facilities in the city; - Indonesian households are not yet accustomed to sorting, it is prerequisite to not only focus on policies but also awareness raising and education to enable proper at-source sorting.</td> </tr> </table>	Financial constraints:	- Limited financial resources to cover complete approaches/advance technologies of 3R implementation.	Institutional/governance challenges:	- Complexities on the implementation of PPP projects in Indonesia; - Lack of implementation for law enforcement on waste segregation at-source.	Policy gaps:	- Lack of clear policies to identify the preferred waste management system; - Non-existence of ordinance specifically on the 3R plan and strategies (currently in the drafting phase).	Other challenges such as technical capacity, human resources etc.:	- Limited land available for waste processing/recycling facilities in the city; - Indonesian households are not yet accustomed to sorting, it is prerequisite to not only focus on policies but also awareness raising and education to enable proper at-source sorting.
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City Report [City Name: Jakarta ]	
<b>Q 4</b>	<p><b>What programme is in place in your city to support NGOs activities towards promotion of 3Rs?</b></p> <p>Jakarta Capital City Government continuously collaborates with NGOs and local communities to educate and to raise the awareness of residents on the importance of sustainable and healthy environment including 3R activities. In the special event of ĩcare for waste dayö, collaborative 3R initiative and education activities are conducted by the Jakarta Capital City Government, local communities, and NGOs advocating for 3R such as Waste for Change, Jakarta Green Monster, <i>Bersih Nyok</i> (Letö Clean), etc.</p>
<b>Q 5</b>	<p><b>Is there any collaborative 3R related activity/project/partnerships with cities and organizations at international level?</b></p> <p><input checked="" type="checkbox"/> <input type="checkbox"/> Yes =&gt; Please brief the project(s) including objectives, project partners, target, period, budget etc.</p> <p>Jakarta Capital City Government signed a Letter of Intent on Waste Management Joint Project with Clean Association of Tokyo (CAT) 23 covering areas such as capacity building, experience sharing as well as exploration of expertise and technology transfer for the year 2016-2019.</p> <p>Regular activities of waste management capacity building and experience sharing are held with international partners such as Seoul Metropolitan Government, Tokyo Metropolitan Government, CityNet, and United Cities and Local Governments Asia Pacific (UCLG ASPAC).</p> <p><input type="checkbox"/> No</p> <p>Please attach photos with caption, if available:</p>
<b>Q 6</b>	<p><b>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?</b></p>

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Q 7	<b>What type of 3R infrastructure and facilities your city is equipped with? Please tick the appropriate.</b>		
	<b>Type of 3R infrastructure and facilities</b>	<b>Adequate/Significant</b>	<b>Not-Adequate/ Non-significant</b>
	<input type="checkbox"/> waste collection facility	X <input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> waste segregation facility	<input type="checkbox"/>	X <input type="checkbox"/>
	<input type="checkbox"/> waste storage facility	X <input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> waste processing & treatment facility	<input type="checkbox"/>	X <input type="checkbox"/>
	<input type="checkbox"/> resource recovery facility	<input type="checkbox"/>	X <input type="checkbox"/>
	<input type="checkbox"/> waste recycling facility	<input type="checkbox"/>	X <input type="checkbox"/>
	<input type="checkbox"/> waste to energy facility	<input type="checkbox"/>	X <input type="checkbox"/>
	<input type="checkbox"/> eco-industrial zones	X <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> science parks/theme parks relevant to 3R	<input type="checkbox"/>	X <input type="checkbox"/>	
<input type="checkbox"/> others (please specify: <b>waste bank</b> )	X <input type="checkbox"/>	<input type="checkbox"/>	
Q 8	<b>Kindly provide the important 3R policies/programmes/projects/master plans that your City Government plans to undertake within next five years (2016-2021)</b>		
<p>Jakarta Capital City Government is currently drafting ordinance on plan and strategies of 3R implementation including ordinance on Extended Producer Responsibility which requires manufacturers to be responsible for all adverse environmental impacts resulting from their products, either during the process or after consumption (post-consumer).</p> <p>As part of the Climate Village Programme, the city administration intended to raise public participation in the 3R and waste banking activities in the participating neighbourhoods across Jakarta.</p> <p>The city administration aims to implement sophisticated waste management system other than business-as-usual landfilling including waste-to-energy and adequate recycling facilities.</p>			
Q 9	<b>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?</b>		
<p>The development of waste management infrastructure is directed towards establishing a modern, high-tech and environment-friendly waste treatment facility in the city and an increase in inter-regional cooperation in the management of the final waste processing site. Modern waste management by using environment-friendly technologies made through mutually beneficial partnership between the government and the private sector. In addition, broader community participation in waste management intended to establish healthy and sustainable neighbourhoods.</p> <p>In accordance with the waste management masterplan, the city administration is targeted to build Intermediate Treatment Facilities (ITF) in 4 locations and recycling facilities in 333 locations across the city by 2032.</p>			

Thank you for your kind cooperation.