

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)

<Jambi>

This city report was prepared by Jambi 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 Kota Jambi (Jambi City): Indonesia

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 minimizing waste generation the source to reduce the burden of waste transport and treatment.
- Local Regulation No. 08 of 2013 on Waste Management.
- Local Regulation No. 13 of 2015 on Grey Domestic Waste Management.
- Local Regulation No. 11 of 2015 on Water Conservation.

Q 2 Is 3R policy integrated in your city development strategy or master plan?

(Please attach photo(s) of your city's waste management if available.)

Yes => Please share goals/visions/major achievements/important lessons learnt that could be replicated elsewhere.

No => Please go to Q6 (please also answer Q4, 5, and 7)

The first mission specified in Local Regulation No. 8 of 2014 on Jambi's 2013-2018 Medium-Term Development Plan is to build an evenly distributed and environmentally sound city infrastructure. In our waste master plan we also have addressed the 3R approaches as a main policy for our waste management.

We are currently working on mayoral instructions for 3R waste segregation at the household level to empower community based 3 R organizations. The ordinance will set a target for 3R implementation to reduce waste generation at the source by increasing recycling from 9.8% in 2016 to 35 % of total waste in 2030. It is intended to encourage the expansion of community 3R (Bank Sampah; waste bank) that currently consists of 60 waste banks and 12 KSM (Community Empowered Organization).

One of the Bank Sampah (Community Waste Bank)



Waste Bank



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 constrains:

- The City lacks financial resources to implement 3R socialization in the population, provide infrastructure for the 3 Rs, and to expand relevant skills of city personnel.

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Institutional/governance challenges:	<ul style="list-style-type: none"> • Weak enforcement of waste management ordinances. • Lack of human resource capacities for waste segregation at the source • Absence of a local ordinance on waste segregation at the source
Policy gaps:	<ul style="list-style-type: none"> • Absence of a 3R ordinance to implement 3R at the grass roots level • Absence of reward/punishment policies for 3R implementation
Other challenges such as technical capacity, human resources etc.:	<ul style="list-style-type: none"> • Lack of human resource capacities in technical knowhow to innovatively change the waste into useable and saleable products • Absence of recycling facilities • Mindset/behavior of community toward waste segregation. • Lack of socialization to support sorting of waste at the source. • Lack of a market for the 3R products.

City Report [Jambi City]

Q 4	What programme is in place in your city to support NGOs activities towards promotion of 3Rs?
	<p>Jambi City government intensively encourages the establishment of community empowerment organization (KSM) in handling the recycling waste. Currently we have 12 KSM, these KSM play an important role in recycling, reuse and reduce the waste to landfill. City gives an incentive each year for these KSM and provides them with technical knowhow with the newest skills for recycle the waste into something useful.</p>
Q 5	Is there any collaborative 3R related activity/project/partnerships with cities and organizations at international level?
	<p><input checked="" type="checkbox"/> Yes => Please brief the project(s) including objectives, project partners, target, period, budget etc.</p> <p><input type="checkbox"/> No</p> <p>Jambi City was chosen as one of two cities in Indonesia to receive a grant from UNESCAP to permit a plot Waste to Energy Project. By 2017 we will have WTE operating in one of our traditional markets, which will publically demonstrate the virtues of a 3R effort at the source.</p> <p>To facilitate that pilot project Jambi City sent employees for technical training in Thailand and Bangladesh in collaboration with United Cities and Local Governments Asia Pacific (UCLG ASPAC).</p> <p>We are eager to join other cities in partnership to address our waste issues and 3R implementation.</p> <p>Please attach photos with caption, if available:</p>

ESCAP WTE Team Dialog Dialog



Site Visit of WTE

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Site Visit

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?

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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	Not-Adequate/ Non-significant
<input type="checkbox"/> waste collection facility	X	<input type="checkbox"/>
<input type="checkbox"/> waste segregation facility	<input type="checkbox"/>	X
<input type="checkbox"/> waste storage facility	<input type="checkbox"/>	X
<input type="checkbox"/> waste processing & treatment facility	<input type="checkbox"/>	X
<input type="checkbox"/> resource recovery facility	<input type="checkbox"/>	X
<input type="checkbox"/> waste recycling facility	<input type="checkbox"/>	X
<input type="checkbox"/> waste to energy facility	<input type="checkbox"/>	X
<input type="checkbox"/> eco-industrial zones	<input type="checkbox"/>	X
<input type="checkbox"/> science parks/theme parks relevant to 3R	<input type="checkbox"/>	None
<input type="checkbox"/> others (please specify:)	<input type="checkbox"/>	None

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			Bank Sampah & KSM
Q 8	<p>Kindly provide the important 3R policies/programmes/projects/master plans that your City Government plants to undertake within next five years (2016-2021)</p> <p>Jambi City is currently drafting our Waste Management Master plan and ordinance for 3R implementation. Through its environmental department the City aims to create an ecology city that empowers the community to use local wisdom in dealing with waste issues, and combining the 3R effort with friendly and adoptable approaches to people.</p>		
Q 9	<p>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?</p> <p>In the near future, we will have a sanitary landfill and we aim to properly optimally segregate waste at its source, hoping to achieve zero waste to landfill. By doing so we will create a city that is clean, with a safe and healthy environment.</p> <p>One of our 3R implementation approaches will seek behavioral changes in the community, and make 3R as apart of their culture. We will combine approaches from traditional local wisdom with friendly technology, teach the 3R program from early childhood on, and provide infrastructure for waste segregation.</p>		

Thank you for your kind cooperation.