

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)

< Toyota >

This city report was prepared by Toyota 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: **30 September 2016**

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

City Report [City Name: Toyota City]

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

The Basic Law for Establishing a Recycling-Based Society, which was established in 2000, stipulates that governments, business operators, and citizens shall make efforts in their respective responsibilities and roles to promote 3R toward the formation of a recycling-based society where the environmental load has been reduced as much as possible.

Our city's role includes the establishment of a mechanism to promote reducing and recycling waste; reduction of the environmental load accompanying waste disposal; promotion of resource recycling utilization; and provision of support for citizens' 3R activities, all following this Basic Law.

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 7th Comprehensive Plan (2008-2017), which stipulates our city's basic policies, has defined necessary matters for the "formation of a recycling society" that is part of the principle of 3R.

The targets of the Comprehensive Plan include the construction of a permanent base facility for resource recovery (recycling station), such as waste paper and empty cans in order to promote citizens' recycling activities. We have established recycling stations in 22 places in the city as of September 2016.

Many citizens use these recycling stations on a daily basis. Our city's achievements in fiscal 2015 shows that 40 kg of resources were collected annually per citizen

To continue to promote citizens' 3R activities in the future, we will implement measures such as the construction of recycling stations.

*Please refer attached photos.

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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:	Since measures for 3R are costly, involving the construction of necessary facilities and resource recovery, to be covered by the local government, we are experiencing a financial shortfall because our revenue for such measures is limited to income gained from selling resources such as empty cans. As such, we verify the effect and efficiency of the related projects as required, and are making an effort to secure the necessary budget.
	Institutional/governance challenges:	
	Policy gaps:	
	Other challenges such as technical capacity, human resources etc.:	
City Report [City Name: Toyota]		
Q 4	What programme is in place in your city to support NGOs activities towards promotion of 3Rs?	
	<p>Our city has various support systems. For instance, in the “Reward System for Group Waste Collection,” regional groups and other relevant organizations provide support for activities to collect old newspapers and waste cloth for recycling by providing rewards.</p> <p>In the “Toyota City Joint Business Proposal Program,” the municipal government, after receiving proposals for 3R activities from NGOs, engages in the commercialization of the proposals in cooperation with the NGOs.</p> <p>Furthermore, in the “Environmental Learning Support Program,” we provide the operating expenses for NGOs that conduct 3R awareness-raising activities for citizens at eco-T, a citizens’ environmental learning facility.</p> <p>In addition, we have also established the “Eco Family Program,” and “Eco Point System,” in order to promote actions to reduce environmental load through 3R and other relevant activities.</p>	
Q 5	Is there any collaborative 3R related activity/project/partnerships with cities 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 with caption, if available:	
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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	Not applicable		
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 <input type="checkbox"/> waste segregation facility <input type="checkbox"/> waste storage facility* ¹ <input type="checkbox"/> waste processing & treatment facility* ² <input type="checkbox"/> resource recovery facility* ³ <input type="checkbox"/> waste recycling facility* ⁴ <input type="checkbox"/> waste to energy facility* ⁵ <input type="checkbox"/> eco-industrial zones <input type="checkbox"/> science parks/theme parks relevant to 3R * ⁶ <input type="checkbox"/> others (please specify:)	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" 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"/> <input type="checkbox"/> <input type="checkbox"/>
	Reference: Facility names * ¹ : Green clean Fuji hills (Final disposal site) * ² : Togari clean center, Fujioka plant(Incineration facility) * ³ : Recycling stations (22 places in the city) * ⁴ : Green recycling center (Composting facility), Plastic refuse recycling facility * ⁵ : Togari clean center (Exhaust heat generation facility) * ⁶ : eco-T (Environmental study facility)		
Q 8	Kindly provide the important 3R policies/programmes/projects/master plans that your City Government plants to undertake within next five years (2016-2021)		
	<p>We are planning to prepare our city’s basic policies (the 8th Comprehensive Plan) for eight years from fiscal 2017 during fiscal 2016.</p> <p>With regard to measures for 3R, we aim to promote more efficient and effective measures by preferentially advancing our efforts to suppress the generation of waste and to reuse (2R).</p>		
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?		
	<p>Our city is considering the “Toyota City Basic Environment Plan,” which will provide our city’s basic policies for environmental matters as a whole, and “Toyota City’s Basic Plan for General Waste Disposal,” which is an individual plan of our city’s measures for waste (the period for both plans is from 2018 to 2025), in order to promote 3R and effective use of resources.</p> <p>In each plan, which aims to realize a sustainable society based on the SDGs, citizens, business operators, and governments aim to achieve their goals while cooperating and collaborating</p>		

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with each other, by defining their efforts to promote the reduction, recycling, and proper disposal of waste according to their respective positions.

Thank you for your kind cooperation.



Togari Clean Center (waste incineration plant)



Togari Clean Center (Discharging waste to a refuse pit)



Green Clean Fujinooka (final disposal site)



Green Clean Fujinooka (operations at this facility)



eco-T (citizens' environmental learning facility)



eco-T (environmental learning at this facility)



Recycling Station (resource recovery facility)



Recycling Station (citizens using this facility)



Garbage Station (garbage taken out by citizens)



Collecting garbage