

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)

< Vientiane Capital City >

This city report was prepared by Vientiane Capital City 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.

Guideline for City Reporting on Major Initiatives/Achievements in 3R area

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 bank I assessing the needs and challenges of cities to better devise their existing as well as future capacity building programmers and opens 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 3Rs@unxrd.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 [Vientiane Capital City]

Q 1	<p>What are the roles of local government stipulated in the 3R-related policies, acts, law, or Regulations?</p> <p>Waste management has only recently developed in Lao PDR and there is no appropriate legal framework for it yet. The National Assembly approved a draft law regarding national hygiene, health care, and protection on 6 May 2001. This law defines the main responsibilities for waste management and provides a framework for more detailed regulations. But the implementation has been problematic due to lack of resources.</p> <p>The main government body responsible for waste management is the Ministry of Public Works and Transport (MPWT) The main agency responsible for the environment is the Ministry of Natural Resources and Environment (MONRE). While this ministry, as focal point, is involved in the preparation of environmental laws and regulations, it is not directly involved in waste management like in many other countries.</p> <p>The responsible agency for waste collection and disposal is the local authorities. In Vientiane Capital, it is the Vientiane Solid Waste Collection and disposal Unit (formally known as the Sanitation and Environment Agency) under the Vientiane City Office of Management and Service (VCOMS). For the other cities, the provincial administration and the district office of Public Works and Transport are the key responsible agencies.</p> <p>The legislative basis for solid waste management in each city is by provincial decree. The provincial decree allocates the responsible agency or committee, defines the general scope of work, and sets the fees to be collected from private households, government offices and commercial enterprises. The provincial decree forms the most effective management tool for supervision and for public co-operation.</p>
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	<p>While these regulations provide a broad legal framework for waste management, there are still many gaps that need to be filled. In particular, rules to support community and private sector involvement have to be set up. The local authorities have also not yet taken serious steps to introduce recycling.</p> <p>The Government has yet to formulate any wider vision on integrated waste management. An integrated waste management strategy would allow the government to introduce preventive measures targeting all producers of waste, including waste minimization, waste reuse, and recycling. The role of the Ministry of Natural Resources and Environment (MONRE) should be strengthened and clarified. The concept and implications of the 3Rs (reduction, reuse, and recycling) should be promoted, especially through awareness raising and public participation activities. The regulations and measures should be implemented and enforced properly. Finally, the element of monitoring and evaluation of the management practices should be followed up.</p> <p>For municipal solid waste</p> <p>A draft decree from 2009 exists on SWM, but this has not been officially approved yet. This has overall guidelines and requirements for all the SWM components, including hazardous and medical waste. This has been available and reviewed, and the requirements taken into consideration.</p> <p>There is an existing decree on Disposal site management (No 520 / TCPC, dated 23 Feb 2007), regulating site selection and design of disposal sites.</p> <p>Guideline on Household Solid Waste Management in Vientiane Prepared by The Vientiane City Office for Management and Service (VCOMS), VUDAA formerly (30 April 2010)</p>								
<p>Q 2</p>	<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/vision/major achievements/important lessons learnt that could be replicated else here.</p> <p><input checked="" type="checkbox"/> No ⇒ Please go to Q6 (please also answer Q4, 5 and 7)</p> <p>Please attached photos with caption, if available :</p>								
<p>Q 3</p>	<p>What are the major challenges and constraints faced by your city in implementing 3R policies and programs? (please answer only if your answer to Q2 is “yes”)</p> <table border="1"> <tr> <td>Financial Constrains</td> <td></td> </tr> <tr> <td>Institution/governance Challenges:</td> <td></td> </tr> <tr> <td>policies gaps:</td> <td></td> </tr> <tr> <td>Other challenges such as technical capacity, human resources etc.:</td> <td></td> </tr> </table>	Financial Constrains		Institution/governance Challenges:		policies gaps:		Other challenges such as technical capacity, human resources etc.:	
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City Report [Vientiane Capital City]	
Q 4	<p>What program is in place in your city to support NGOs activity towards promotion Of 3Rs?</p> <p>In the year 1998, the Vientiane Capital had a sanitary landfill site with the management system that met the international standard for the first time in its history, this landfill site is located at Km 18 of road 13 South in Phokham village, Saythany district, Vientiane Capital, this was a financial support from the Japanese Government worth 700 million Yen (Japanese currency) for the construction of sanitary landfill site at Km 18 and for the procurement of waste collection vehicle and heavy equipment.</p> <p>During the years 2001-02, the Dutch embassy has provided the grant aid for supporting the implementation of a joint awareness project for solid waste management worth US\$ 10,000.</p> <p>In the years 2003-04, the Vientiane Capital has implemented the joint PPPUE through the United Nations Development Program worth US\$ 100,000.</p> <p>From 2004 to 2007, the Japanese Funds for Poverty Reduction has supported the implementation of community solid waste management through the Asian Development Bank worth US\$ 1,000,000.</p>
Q 5	<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 ⇒ Please attach Photo with caption, if available:</p>
Q 6	<p>Even if your city doesn't have any dedicated 3R policies/programs/activities, what Future prospects or opportunities does your city have in 3R areas?</p> <p>Laos Pilot Program for Narrowing the Development Gap towards ASEAN Integration-Environmental Management Component (LPPE)</p> <p>The purpose of this program is the enhanced promotion of environmentally sustainable cities (ESC) in Lao PDR based on the “ASEAN Initiative on Environmentally Sustainable Cities(AIESC)”.</p> <p>The expected outputs are:</p> <ul style="list-style-type: none"> • Output 1: The guidelines on ESC (ESC_GL) are formulated based on the National Environmental Strategy 2020 and related strategies and action plans. • Output 2: As part of urban environmental management (UEM), solid waste management (SWM) in the three pilot cities (Vientiane Capital, Luang Prabang and Xaiyabury) is improved based on the Guidelines on ESC. • Output 3: Community-based UEM on SWM is promoted in the three pilot cities <p>Promotion of Environmentally Sustainable Cities (ESC) under LPPE</p> <p>Some activities for output 2 in Vientiane Capital include:</p> <ul style="list-style-type: none"> • 3Rs Promotion at Generation Sources: <ul style="list-style-type: none"> – On-site composting by compost barrel – Recyclable wastes separation – Reduction of plastic shopping bags by using the Eco-bags • Collection System Improvement:

<ul style="list-style-type: none"> – Establishment of discharge rules for collection system improvement, i.e. day, time, place, container, etc. – Elimination of non-collection households in the target villages. • Final Disposal System Improvement • Improvement of HCWM • Institutional System Improvement – Preparation of proposals for decrees, regulations and rules necessary for SWM improvement – Preparation of proposals for financial system improvement necessary for SWM improvement <p>Approaches for public participation in solid waste management</p> <p>To enable people and society to participate in the solid waste management project, we should disseminate the information on solid waste management to them; to create the motivation to people so that they are familiar with and participate in the project activities. The village administration authority of each village may choose different forms and methods for people persuading based on the real circumstance of each village, the economic situation, tradition and culture of each locality and the educational level of people. The access to and people participation that can be implemented are as follows:</p> <ol style="list-style-type: none"> 1. To divide the service area into detailed areas of about 50-100 families in order to convince people to separate the solid waste that can be proceed thoroughly, and under control and can monitor and evaluate the works easily and quickly; 2. The public relation and information dissemination: it is necessary to determine clearly the responsible unit and there shall have continuous activities by establishing the special unit that is responsible for recycling project and this project will be managed and commanded by the high ranking manager, for example the Vientiane Urban Development and Administration Authority is responsible for solid waste handling, if the unit manager of each village has an opportunity to meet and keep in touch with people, it will help improving the cooperation with people and it is a benefit of unit for improving the work proceeding more efficiently; 3. It is a need to establish a special unit under the recycling project that is compiling the relevant data on the implementation of project such as the requirement or complaint of people, problems and obstruction of the work implementation of employees including the monitoring and evaluation that are to be used in the planning and improvement of project operation to be more efficient; this unit should belong to the environmental section of the VCOMS; 4. To establish a drop-off center in order to persuade people to participate in the solid waste management by sorting out the waste materials according to determined types and then to drop into the separate containers provided, it is awareness and new concept of the solid waste handling that shows that it is the duty of people to bring the solid wastes to drop them into the containers provided. This
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02-04 November 2016, Adelaide, SA, Australia