



***THE NINTH REGIONAL 3R FORUM IN ASIA AND THE PACIFIC  
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***Presented by: Ministry of Natural Resources and Environment, Lao PDR***

# Lao National Policy

- 8 th Five Year National Socio-Economic Pan (2016-2020)
- Natural Resources and Environment Sector Vision towards 2030 and 10 Year Strategy (2016-2025)
- Regulation on Industrial Waste Management March 2012
- Draft National Strategy on Green Growth to year 2030 of Lao P.D.R
- Vision towards 2030 and National Strategy 2018-2025 on Environmental Education and Awareness and Climate Change
- Environmentally Sustainable Cities Guidelines (ESC guidelines)
- Vientiane Capital Solid Waste Management Strategy
- Draft National Pollution Control Strategy and Action Plan 2018-2025 with Vision 2030

# **A. Major Achievement:**

## **Program implemented for Laos Pilot Program for Narrowing the Development Gap towards ASEAN Integration, Environmental Management Component (LPPE)**

- Ministry of Natural Resources and Environment (MONRE) of Lao PDR conducts the project called LPPE along with support from ASEAN Secretariat and JICA.
- There were 3 Pilot districts of three provinces as: Vientiane Capital, Luang Prabang City and Xayabouly district and there were five strategies on 3Rs of LPPE of Laos as follows;
  1. "3Rs" are promoted at generation sources.
  2. Waste collection and transportation system is improved to keep the city clean and raise its efficiency.
  3. Final disposal system is improved to mitigate adverse impacts on the surrounding areas.
  4. Health care waste management is improved.
  5. An official document that defines the solid waste management system is drafted.



# Achievement

- Completed to development and promotion of **Environmentally Sustainable Cities (ESC)** in Lao P.D.R: such as Paksan District Borikhamxai Province, Thakeak District, Khammouan Province, Vangvieng, Vientiane Province, Luang Prabang Province, Xayabouly Province and some district in Laos
- Completed of Household Fertilizer composting program
- **School garbage disposal** program
- The program **reduces the use of Plastic as Eco-friendly baskets**,  
The bag is environment friendly
- **Fertilizer compost program** outside the site
- Completed **waste collection services system** in 3 provinces
- Action plan in Landfill had implemented and completed

# Implementing Agency

## *Central level*

1. Ministry of Natural Resources and Environment (MONRE)
2. Ministry of Public Works and Transport (MPWT)
3. Ministry of Industrial and Commerce

## *Local government*

1. DONRE (Department of Natural Resources and Environment)
2. DPWT (Department of Public Works and Transport)
3. UDAA (Urban Development and Administration Authority) of  
Vientiane Capital, Luang Prabang and Xayabouly, and
4. Other related organizations.

# 3Rs implemented in Luang Prabang Province

1. 3Rs" principle are promoted in Xayxettha district as Ban Vaththat  
B. Pongvanh and B. Pakham



Eco-basket distribution



Worm composting by JICA's Expert



Newly designed sample bags are shown to the guests at Maison Souvannaphoum Hotel



Meeting with Villagers in Boung



Training seminar for barrel-composting



Monitoring of worm composting JICA's expert



Instruction meeting at Military Hospital (July 9)







*Waste transfer Location  
at Ban Nahai-Nano*



*Wastes compaction machine for Plastic , Can and others*



*KM32  
Final Disposal Site (Landfill)*



*Wastes separate and others*



*Type of Plastic*

## **B. Critical Challenges faced**

### **“Lao PDR clean, beautiful and rich of natural resources”**

- **Control of land, water and air pollution and noises** from agricultural and industrial practices and services to meet environment standard along the No. 13 national road and along the Mekong river;
- **Reduce waste generation in the 18 municipal areas** across the country by **15%** through 3Rs direction satisfying waste reduction target **in 2030**;
- **Reduce the use of chemical substances** into the development of industrial and agricultural sectors by **15%** across the country to meet the chemicals and waste reduction target **in 2020**; Establish public and community waste management system (provide dumping area, waste management tools, waste separation practice and transport) by **35%**;
- **Improve and provide dumping areas for 18 municipal areas** across the country to meet the standard;
- **65% of household in the municipalities** across the country have **proper knowledge on 3Rs practice**;
- **Promote the sustainable use of natural resource** for its maximum benefit and basically reduce an inefficient use of natural resources.



## C. Major Plan

1. **Survey and data collection** on production, waste, including **Plastic waste** in all provinces
2. **Develop Strategy** on waste management, using, producing and waste disposal including **plastic waste**;
3. **Develop regulations** on waste management and **using plastic on industry and commerce sector**, and other sector related;
4. **Public Awareness** to waste impact and waste management
5. **Promote 3R principle** on waste management in all provinces

### *Pilot area*

1. *Planning on 3R and waste management in Nasorn area.*

***THANK YOU FOR YOUR KIND ATTENTION***