



Country Presentation- Bhutan

The 9th Regional 3R Forum in Asia and the Pacific (4-6
March, 2019)



Presentation overview

Major achievements in 3Rs areas/ New initiatives in 3Rs areas

Critical challenges faced

Major plans (projects & master plans) in pipeline for future action



Major Achievements/ 3Rs Initiatives

- ❑ The Waste Prevention and Management Act and Regulation, 2012 stipulates the promotion of the principles of 3Rs

- ❑ Reduce:
 - Economic Development Policy and economic incentives
 - All government policies are screened using GNH Screening Tool to ensure no negative impacts of land, water & air pollution



3Rs Initiatives

❑ Re-Use:

- ❑ Thimphu and other districts towns are implementing Public Private Partnership for Integrated Solid Waste Management where segregation of waste is carried out.
- ❑ High Organic content of MSW indicated opportunity for recycling of organic waste and therefore few compost plants are installed.
- ❑ Training women groups by local NGO (Clean Bhutan) to make products like baskets, pouches, containers etc from plastic waste



3Rs Initiatives



184 tonnes monthly (Approximately) of organic waste converted to manure



3Rs Initiatives



Women Group being trained by Local NGOs



3Rs Initiatives



Green Road:

A young entrepreneur has started using plastic waste on road.

- 100 tonnes of plastic waste used so far.
- 500 tonnes to be used this year



3Rs Initiatives



Egg Tray:

Bhutan Youth Development Fund, an NGO recycles waste paper to egg trays.
Recycles 15 tonnes of waste every month.

Critical Challenges

- 1) Rapid urbanization leading to increased waste & affecting service delivery
- 2) Lack of resources-HR, financial, technology & skills
- 3) Lack of private sector participation
- 4) Poor citizens responsibility & mindset

Major plans (projects & master plans) in pipeline for future action

- 1) Preparation of National Waste Management Strategy
- 2) Preparation of comprehensive national development plan for human settlement(2030)
- 3) Zero Waste Hour to be effective from June 2019
- 3) Ban on use of plastics, effective from April 2019

THANK YOU