

3R GOOD PRACTICES IMPLEMENTED BY NGOS/CBOs



3R Good Practices in Bangladesh

NGO /CBO	Rural Unfortunates Safety Talisman Illumination Cottage (RUSTIC)
Activity	<ul style="list-style-type: none"> ▪ Municipal solid waste management and ▪ Recycling of waste into resources
OUTLINE OF 3R GOOD PRACTICES	
Keywords	Solid waste, Compost, Recycling, Household
Country	Bangladesh
Area Implemented	Khulna city corporation area, Khulna
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Waste Sector	Municipal Solid Waste
3R Practice	Composting of the kitchen wastes
Website / Data Source	Not available

OVERVIEW OF PRACTICES

Introduction

Rural Unfortunates Safety Talisman Illumination Cottage (RUSTIC) is a non-government, non-political and non profit voluntary organization involved in environmental management and socio-economic development in Bangladesh. RUSTIC mainly works with the disadvantage communities of Southwest region in Bangladesh to ensure a secured and sustainable livelihood.

3R Good Practices

RUSTIC initiated the Community Based Municipal Solid Waste Management Project (CBMSWMP) in March 1997 in Khulna City and commenced the collection of garbage from households in June 1997. By the end of the review period, RUSTIC had extended its service to ward no. 16, 18 and some parts of 17. The project activities include door to door waste collection, community participation, awareness building, and the development of positive attitude, behavior and willingness to pay for waste management. At present with the help of the NGO Foundation, RUSTIC collects about 3 - 3.5 metric tons of solid wastes per day from its 4,200 selected households.

RUSTIC established a mini compost plant with the support of Bangladesh Environment Management Project (BEMP) to transform the wastes into resources. Training was provided to staffs at MSW concern in Bangladesh. This was a pilot project to recycle the collected kitchen wastes with a production capacity of about 245 kg per day considering a recycling period of 45 days. RUSTIC was awarded the ASHOKA (USA) fellowship as recognition for this innovative idea. Besides the production, RUSTIC took the initiative to observe its effectiveness at the field level and establish demo-farms in different areas. At present RUSTIC's production is 750 kg per day and supplies the compost to local farmers at a minimum cost.

Outcome of Practices

RUSTIC has succeeded in creating a civic sense among the urbanites and in improving the urban environment of Khulna city. It has developed a community based sustainable MSW management system. Farmers are getting organic fertilizer at minimum cost, thereby reducing the use of chemical fertilizers.



Door to door waste collection



Waste disposal into compost plant



Waste separation for composting



Compost production process



Screening of compost



Final product & packaging



RUSTIC compost based farming