

3R GOOD PRACTICES IMPLEMENTED BY NGOS/ CBOs



3R Good Practices in India

NGO /CBO	Muskan Jyoti Samiti (MJS)
Activity	SWASTI Project - Solid Waste Management by Composting
OUTLINE OF 3R GOOD PRACTICES	
Keyword	Solid Waste, Organic Waste, Composting, Recycling, Lucknow, India
Country	India
Area Implemented	Lucknow
Address	Not Available
Phone	Not Available
Fax	Not Available
E-mail	Not Available
Contact Person	Mr. Mewalal
Waste Sector	Organic waste
3R Practice	Vermi-composting
Website / Data Source	http://www.wasteconcern.org/newsletters/issue4.html#Cash%20in%20Trash

OVERVIEW OF PRACTICES

Introduction

The Muskan Jyoti Samiti (MJS) is a local NGO in Lucknow, India, established in October 1994. Through its SWM initiative called SWASTI, MJS serves a population of over 100,000 in nearly 20,000 households in Lucknow city. MJS has also started SWM work in the cities of Kanpur, Allahabad and Varanasi. It is involved in converting organic waste by Vermi-composting. Since inception Muskan Jyoti Samiti has undertaken several initiatives in the field of Solid Waste Management and also propose to undertake similar other activities in many areas.

SWASTI Project - Solid Waste Management by Composting

MJS has been successfully providing service delivery of solid waste collection and disposal in Trans-Gomti area covering about 20,000 households of Lucknow supported by SUDA (State Urban Development Authority), service delivery to 5,000 households of Allahabad City with support of DUDA (District Urban Development Authority) since 1994. The SWASTI project was implemented on the basis of Community Participation and initial establishment support from the Support Agencies (SUDA, DUDA and UNICEF).

Activities

- Waste Collection and disposal
- Streets sweeping and tree plantation

On an average 10 tons of garbage is collected every day from the residential areas and from wholesale vegetable and fruit market. Approximately 40 per cent of the waste is inorganic half of which is recovered by the rag-pickers for resale by MJS while remaining waste is sent to the landfill site. The remaining 60 percent of the collected waste is organic consisting of plants, fruits, vegetables, hay and cow dung. This waste is sent to the MJS's vermi-composting unit in Rasoolpur Kayasth outside Lucknow city. In addition to waste collection and disposal, MJS is also active in street cleaning of the locality once a week or as required and tree plantation through community participation and government support.

The operation and management cost for these activities are recovered from the user charges collected from residents by MJS. These activities benefits from the income from sale of inorganic materials recovered from the collected waste. Support from state government and the Uttar Pradesh State Development Corporation by providing land, capital and equipment for the Vermi-Composting Unit.



Door -to-door Waste Collection



Vermi- composting Site