

## 3R GOOD PRACTICES IMPLEMENTED BY NGOs/



### 3R Good Practices in India

<b>NGO /CBO</b>	<b>FOOD India</b>
<b>Activity</b>	Disintegrating green manure from plastics and other non-degradable materials
<b>OUTLINE OF 3R GOOD PRACTICES</b>	
<b>Keyword</b>	<b>Manure, compost, Chennai</b>
<b>Country</b>	India
<b>Area Implemented</b>	Chennai
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<b>Waste Sector</b>	Organic waste
<b>3R Practice</b>	Disintegrating green manure from plastics and other non-degradable materials
<b>Website / Data Source</b>	<a href="http://foodindia.org.in/compost.html">http://foodindia.org.in/compost.html</a>

## OVERVIEW OF PRACTICES

### Introduction

FOOD India is a 20-year-old non-profit organization conducting research on social development and implementing welfare programs in the field of employment generation, poverty alleviation, cost effective housing, education, health, water and sanitation, energy conservation, ICTs, electronic NGO networking, E-commerce, institutional and capacity building for women networks.

### 3R Good Practice

#### **Disintegrating green manure from plastics and other non-degradable materials piled up in municipality compost yard and marketing the green compost.**

FOOD developed a cost-effective 20 tons output capacity mobile sieving machine that could retrieve 100% of the naturally compost green garbage from the digested dumps with minimum human intervention. This machine consist of conveyers for loading the green compost into the sieving machine on a continuous basis which automatically separates the inert and other non-degradable materials and lumps from the green compost and pushes it through a duct which can either be filled directly into bags or loaded into a lorry with the help of other conveyers.

The compost produced is either applied directly or further enriched through other available methods or used for producing vermi compost by involving self help groups (SHGs).

### Outcomes

- Production of a value-added product generating activity for hundreds of SHGs as well as unemployed youth, and for aspiring entrepreneurs.
- A pilot project has been setup with a machine of 20 ton capacity per day in the compost yard of Tirunelveli City Municipal Corporation which functioning satisfactorily.
- Pilot project for waste management in Ambattur



Mobile sieving machine in dumping yard



Community composting pit