

## 3R GOOD PRACTICES IMPLEMENTED BY NGOS/CBOs



### 3R Good Practices in Philippines

<b>NGO /CBO</b>	<b>GENESYS Foundation Inc.(Global Environment and Nature Ecosystems Society Inc. Foundation)</b>
<b>Activity</b>	Education and Information Campaign for Ecological Solid Waste Management, EcoCenter, Vermicomposting
<b>OUTLINE OF 3R GOOD PRACTICES</b>	
<b>Keywords</b>	Education, Campaign, Solid Waste Management, GENESYS Foundation, Philippines,
<b>Country</b>	Philippines
<b>Area Implemented</b>	San Carlos City, Negros Occidental
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<b>Waste Sector</b>	Education and Advocacy on Municipal Solid Waste Proper Storage, Segregation and Collection
<b>3R Practice</b>	Waste Reduction, Segregation and Recycling of Waste at Source
<b>Website / Data Source</b>	<a href="http://www.genesysph.org">www.genesysph.org</a>

## OVERVIEW OF PRACTICES

### **Introduction**

The Global Environment and Nature Ecosystems Society Foundation, Inc. (GENESYS), was formally established as a non-profit, non-government organization in mid 1999. Its primary function is to manage and implement environmental projects through the coordination and pooling of resources among various sectors, groups and individuals.

### **3R Good Practice**

The GENESYS Foundation implemented the Information, Education and Communication Campaign (IEC) for ecological waste management in 18 barangays of San Carlos City. The households, schools, businesses and institutions, including the local government units were taught about proper waste management practices. Recycling was initiated in 17 schools. In addition, the IEC program led to the successful establishment of San Carlos City ECO-CENTER, which consists of Material Recovery Facility (MRF), windrow composting, vermicomposting, sanitary landfill and leachate treatment units. This ECO-CENTER is famously known for being the first in 6 Regions of the Philippines.

The collected and segregated biodegradable waste was processed through windrow composting and vermicomposting at the ECO-CENTER, while the remaining biodegradables are taken care by the households through pot/pit composting. The segregated non-biodegradable waste is further processed in MRF station and sold to local junk buyers. In addition to these activities, community training was also conducted to introduce the methods for converting waste materials into usable home items.

### **Outcome of Practice**

The IEC campaign by the Foundation spread over 75% of the city's residents in four years. Waste management manuals and road-side teaching aid-poster, recyclables drive contest and waste characterization, posters and banners, forums in schools and other institutions contributed to proper segregation of waste into biodegradable and non-biodegradable. The efficiency of segregation was found to reach to over 70%.

GENESYS Foundation has turned over the continued advocacy, information and education initiative to the San Carlos City Local Government Unit (LGU). Institutionalization of waste management in the LGU was established through the formation of the City Solid Waste Management Office. The Office has conducted at least four waste market fairs by networking with neighboring waste buyers, recyclables drive contest in more than 50 local schools and has oriented the newly elected barangay officials on the values and strategies of Ecological Solid Waste Management. The ECO-CENTER is now selling composted biodegradable waste and is regularly visited by LGUs and institutions to learn their good practices. The city has successfully diverted 25 % of its waste through all these activities.



**Government officials' seminar on Solid waste management**



**Seminar conducted at school on Solid Waste Management**



**Teaching aid**



**Training of GENESYS staff**



**Vermicomposting at San Carlos Eco-center**



**Household composting in mud pot**



**MRF station at San Carlos Eco-center**



**Recycled plastics**