

# COMPREHENSIVE PROJECT PROFILE

## I. PROJECT DESCRIPTION

1. **PROJECT TITLE** : **Improving Ecological Solid Waste Management by Acquiring One Unit Garbage Compactor**

2. **PROJECT TYPE** : **Capital Formation**

3. **PROJECT COMPONENT**

Engineering Survey Work.



4. **PROJECT LOCATION:** **Municipality of Antequera, Bohol**

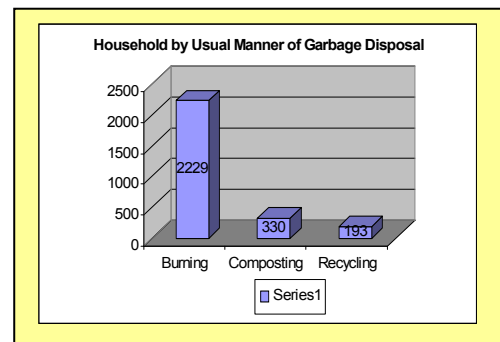
## II. PROJECT STATUS: **On going project**

The Solid Waste Management of the municipality of Antequera is an on-going priority program. But, the implementation in relation to collection system focus only in the Poblacion area due to lack of equipment. A systematic way of disposing waste is highly imperative in the area.

## III. PROJECT JUSTIFICATION

### 1. PROJECT BACKGROUND

The usual manner of garbage disposal in the municipality as described in the graph indicating that burning and composting are the preferred method used of most households. This can be partly attributed to the practice in the rural areas due to the absence of garbage collection facilities in the municipality and the lack of awareness of the people regarding the environmental negative impacts of burning thrash. Recycling activity is now practiced in the municipality as evidenced shown in the figure above.



Disposal of solid waste in the municipality is now alarming specially on the collection system. The only available equipment to collect the waste is the trailer that will carry the thrash from the source to the temporary dumpsite. The recent survey conducted by the MPDC and other members of the Technical Working Group signifies that majority of the waste generated are coming from the market, restaurants and micro-cottage establishment. Wastes that are collected are mixture of biodegradables and non-biodegradables, since segregation at source is not yet fully practiced and implemented. Therefore, the LGU of Antequera has decided to implement the Ecological Solid Waste Management System (RA 9003 of 2000) as mandated by law.

Relating to the vision of Antequera that geared towards an ecotourism and agribusiness destination in the province and even the country, various efforts are still to be done so that the health and sanitation problem in the town should be improved. Existing intervention on solid waste management is underway but more focus on the collection of mixed garbage wastes forgetting on the human wastes, which could eventually contribute to water contamination if not properly taken cared off by the health sector.

The 2005 Local Poverty Database in Antequera shows that, waste and sanitation problem ranked number three (3), among the top 12 poverty indicators in the municipality. These are categorically distributed in all barangays, which really need immediate attention. Majority of these barangays are situated in the upland areas including low lying barangays, which rely or dependent on the ground water sources for drinking water, and any other domestic uses. A great possibility that the health risks in the community increases due to the occurrence of water-borne diseases caused by e-coli bacteria.

## **2. PROJECT LINKAGES**

The proposed project will support ecotourism project, reduce water pollution and improve aesthetic value in the municipality of Antequera and in the whole province of Bohol.

## **3. PROJECT OBJECTIVES**

- To provide a wholesome and healthy environment in the municipality "free from pollution"

## **4. SECTORAL OBJECTIVES**

- To develop efficient and effective solid waste management in Antequera
- To reduce the number of households burning wastes
- To increase the number of households adopting composting and recycling
- To encourage community participation and linkages with the national agencies, NGOs and private sector in the implementation of solid waste management

## **5. REGIONAL AND NATIONAL OBJECTIVES**

The project will directly respond to the Sanitation Code of the Philippines and RA 9003 of 2000 of Ecological Solid Waste Management, as mandates to be undertaken by the local government units. Moreover, it contributes to the overall attainment of the Millennium Development Goals, which is to combat the incidence of major diseases like water-borne and malaria and reduce the proportion of people without sustainable access to improved sanitation (WHO/UNICEF).

#### IV. PROJECT FINANCING

##### 1. FUNDS NEEDED

<b>Project Activity</b>	<b>Estimated Cost (Pesos)</b>
1. Procurement of 1-unit garbage compactor	500,000
2. Maintenance and operation	100,000
<b>Total</b>	<b>600,000</b>

##### 2. PROJECT FINANCING

Project will be funded thru the financial assistance from donors both local and foreign agencies.

##### 3. COUNTERPART FUNDING

The Local Government Unit of Antequera will counterpart at least 10% in cash or in kind specifically on the maintenance and operation of the equipment and or depending on the agreement between the Donors and the LGU.

#### V. PROJECT BENEFITS AND COST

##### 1. Beneficiaries

The whole population in the municipality is directly benefiting the project.

##### 2. Social Benefits

The project is expected to improve the health situation of the people as well as the physical surrounding in the community.

##### 3. Economic Benefits

Economically, the LGU and the people will be able to save an amount for the cost of medicines if they are safe from water-borne diseases due to poor disposal system of waste. This will relate to the time spent in the hospitals to the number of days for used by them during productive hours in work.

##### 4. Social and Economic Cost

The project would bring positive effects both social and economic hence pollution and resources degradation will be solved.

##### 5. Environment Cost

There will be no harmful effect due by the project, hence it enhances to a sound environment and healthy community.

## VI. PROJECT IMPLEMENTATION

### 1. RESPONSIBLE AGENCIES

The project shall be administered by the Local Government Unit of Antequera thru the Municipal General Service Office, and Municipal Engineering Office. Planning and Technical Assistance shall be provided by the Municipal Planning and Development Office in collaboration with the Municipal Technical Working Group on Solid Waste Management Office, Non-Government Organizations and the Bohol Environment and Management Office, the Provincial and Municipal Health Office.

#### **LGU's responsibility**

- The LGU should have an operational plan that adequately demonstrates its intention to operate the facility according to standards.
- Provide funding support to maintain the equipment regularly.

#### **Donor's responsibility**

- Provide financial support in the acquisition & transfer of 1-unit

### 2. IMPLEMENTATION SCHEDULE

The project is implemented through out the whole year. Beneficiary who will meet the criteria will be the basis implementation.

Project Activity	Implementation Schedule			
	Qtr 1	Qtr 2	Qtr 3	Qtr 4
1. Procurement of Equipment	_____	_____		
2. Maintenance and Operation			_____	_____

### 3. ADMINISTRATIVE FEASIBILITY

The Municipal Government Unit of Antequera has adequate knowledge and capacity to handle the maintenance of the equipment thru the Municipal General Services Office.

### 4. SOCIAL ACCEPTABILITY

The proposed project is well accepted by the whole community with no opposition because they expect that the outcome of this project will bring to the positive impact of the health situation in the entire community.

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