

COMPREHENSIVE PROJECT PROFILE

I. PROJECT DESCRIPTION

1. **Project Title :** Sustainable Management of KARST Landscapes for Water and Biodiversity Conservation in a Municipality of Jagna

2. **Project Type :** Technical Assistance Project

3. **Project Components :**

- a) Personnel
- b) Resources Inventory and Use
- c) Orientation/analysis of Karst Development Plans (LGU/MLGU)
- d) Institutionalization of Karst management, Protection and Conservation
- e) Project Linkage Development
- f) Monitoring and Evaluation

4. **Project Location :**

Barangays of Mayana, Calabacita, Boctol, Lonoy, Odiong, Balili, Buyog, Laca, Cantuyoc, Malbog, Faraon, Kinagbaan, Tubod-Monte, Cabungaan, Larapan, Tubod-Mar, Bunga-Ilaya and Can-ipol of Jagna Bohol.

II. PROJECT STATUS

1. **Proposed Projects**

The main problem to be addressed is the degradation of karst landscapes especially associated water resources by actions of local barangay residents and municipalities due to little knowledge of this fragile resources.

2. **Status of Project Preparation :** Project Idea

3. **Investment Programming :**

- 30% LGU (counterpart)
- 70% External Fund

III. PROJECT JUSTIFICATION

1. **Project Background**

Based on the onsite investigation conducted by the Soil and Water Conservation Foundation headed by Mr. William Granert, it was found out that the Municipality of Jagna is 63% KARST or Limestone.

It was further recommended being an urgent need that KARST Management must be implemented since it has a big effect to water and biodiversity resources of Jagna do that through this project, the problems that are expected to be solved are the degradation of KARST landscapes and to enhance the capability of all affected KARST Barangay residents of Jagna through Information, education campaign.

2. Project Linkages

Currently PACAP has provided funding for several RSPL barangays for livelihood and natural resources management and is a partner with the European Union' grant assistance to SWCF to continue its work in RSPL. All other sites are in karst areas.

SWCF and the German Development Service (DED) are currently working with the PPDO of Bohol to develop a biodiversity conservation and ecotourism framework for the careful planning of water, caves and other karst resources will be lost.

Soil and Water Conservation Foundation (SWCF) will be the partner of this project. SWCF is an NGO advocating on Environment especially KARST management.

Bohol Environmental Management Office (BEMO) of the Provincial Government of Bohol.

3. Project Objectives

- Institutionalization of KARST management in the Barangay and Municipality through the formulation of appropriate ordinances at the Barangay and Municipality level.
- Information Education Campaign KARST biodiversity, cave and water resources knowledge through inventories and planning for sustainable use, protection and conservation.
- Reforest the denuded upland KARST area.

4. Sectoral Objectives

- Orient Local Government Unit of Jagna especially 18 affected Barangays to Sustainable KARST Landscape management and its relationship to water, and biodiversity resources.

5. Regional and National Objectives

- Improve karst biodiversity, cave and water resources knowledge through inventories and planning for sustainable use, protection and conservation
- Orient local government units to sustainable karst landscape management and its relationship to water and biodiversity resources.

IV. PROJECT FINANCING

1. Funds Needed : Php 1,180,015.00

2. Project Financing :

The total project cost will be amounted to Php 1,180,015.00 pesos and this will be co-shared by the LGU of Jagna, and the prospect funding institution.

3. Funding Source :

Local Government Unit, the External Funding Institutions and the project implementing partners

4. Counterpart Funding :

The estimated cost of Php 354,000.00 will be the counter part of the LGU and the remaining balance of total project cost will be requested from the project funding institutions.

V. PROJECT BENEFITS and COSTS

1. Beneficiaries

The 18 Barangays KARST areas will be benefited of this project through safer water supplies, increased biodiversity and a cleaner environment in which in live and raise families.

This project will benefit the entire Municipality of Jagna as far as environmental sector is concerned. It will also address the seventh Millennium Development Goal of ensuring environmental sustainability by integrating the principles of sustainable development into local policies and programs while reducing the loss of environmental resources. At the same time, it will help reduce the proportion of people without sustainable access to safe drinking water within local communities.

2. Social Benefits

Since karst landscape generally provide water resources to local communities, it is critical that women, who are major stakeholders in the use of that water, be involved in resource management that will provide safe water.

VI. PROJECT IMPLEMENTATION

1. Responsible Agencies

- Provincial Planning and Development Office in collaboration with SWCF, DENR, BEMO and LGU-Jagna

2. Implementation Schedule

Activities	Time Frame	Budget
I. Inventory survey of existing resources – caves, forest, watershed areas, flora and fauna.	1 st quarter 2007	Php 237,000.00
II. Conduct in the KARST Barangay	3 rd quarter 2007	Php 449,500.00
III. Institutionalization of KARST management, Protection and Conservation.	1 st quarter 2006	Php 209,000.00
IV. Project Linkage development	2 nd quarter 2008	Php 70,000.00
V. Monitoring and Evaluation 5000/mo x 12 mo.	3 rd quarter 2008	Php 60,000.00
VII. Administration (15%)		Php 153,915.00

3. ADMINISTRATIVE FEASIBILITY

The Provincial Government of Bohol through its Bohol Environment Management Office (BEMO) in cooperation with the following agencies will be responsible in project implementation

- a) Municipal Local Government Unit
- b) Department of Environment and natural Resources (DENR)
- c) Non-government organizations (NGOs)

4. LEGAL AND POLITICAL FEASIBILITY

The propose project gain strong support from the present provincial administration down to the municipal and barangay officials.

5. SOCIAL ACCEPTABILITY

The project has positive benefits to the people, hence no potential opposition is expected.