

COMPREHENSIVE PROJECT PROFILE

I. PROJECT DESCRIPTION

1.0 PROJECT TITLE: **Mangrove Rehabilitation and Protection for Sustainable Livelihood**

2.0 PROJECT TYPE: **Capital Forming and Technical Assistance**

3.0 PROJECT COMPONENTS

3.1 Social Preparation and Strengthening of Community Organization

The existence of an organized community group in the beneficiary barangays is already an advantage; however, it will be strengthened and or reorganized, if necessary, to be able to respond to the needs of the new project that will be established. Meetings and discussions will be held to ensure participation and transparency among members. Committees on project management, resource assessment, coastal law enforcement, monitoring and evaluation will be organized.

3.2 Procurement of Planting Materials

Procurement of planting materials will be provided for by the project. As a project counterpart, the beneficiary households will provide for the labor requirements for planting of appropriate propagules.

3.3 Plantation Enrichment

Local communities will play an essential role of sustaining the initiative of rehabilitating and protecting degraded/ depleted mangrove areas. Existing mangrove areas of beneficiary barangays will be enriched, managed and maintained through establishment of implementing mechanisms.

3.4 Management and Maintenance of Mangroves

The concerned barangays and beneficiary households will manage the protection of the mangroves to ensure that foreseen benefits are achieved and sustained. Day-to-day regular activities will be conducted by the local communities, as they will be trained on how to effectively manage the mangroves. Information and education campaign will also be conducted for this purpose.

4.0 PROJECT LOCATION

The Project is proposed for implementation in the Bohol Integrated Area Development (BIAD) Cluster 3, particularly in the selected coastal barangays of the municipalities of Bien Unido, Talibon, Mabini, Ubay, and Pres. Carlos P. Garcia. As an initial startup, the project will only cover one (1) barangay per municipality or a total of five (5) barangays for the entire BIAD 3. These five barangays will serve as the pilot barangays where other barangays can learn and observe from. The development or rehabilitation of the barangays' mangrove areas will act as a starting node that will eventually spread to other neighboring barangays if properly managed and replicated.

II. PROJECT STATUS

The project is proposed for implementation through counterparting arrangement between the Barangay and Municipal Governments and appropriate donor/ funding agencies. A project profile is available to interested stakeholders of the project.

III. PROJECT JUSTIFICATION

1. Project Background

Poverty remains to be a major issue in almost all parts of the Province. The municipalities under the Bohol Integrated Area Development (BIAD) 3 Cluster have recognized this concern, which affected many of its people across sectors.

Several causes of poverty have already been recognized that require an integrated approach to address the continuing hardships of people, especially in rural areas.

In particular, the ever-increasing incidence of poverty among fisherfolks in the coastal barangays can be attributed to the decrease in fish catch due to the degradation of the once-rich fishing grounds of municipalities. Decrease in fish catch would mean reduction of family income leading to deprivation of the basic necessities of living.

The depleting marine resources are also caused by the misuse and abuse of the mangroves which play an essential role in the life cycles of fish species, crustaceans, shellfish and migratory birds, serving as spawning , nursery and feeding grounds as well as sheltered refuge to these and other marine organisms.

Furthermore, the illegal clearing of mangroves for fishpond development and its use for construction material and fuel has hastened its degradation. Indiscriminate disposal of human waste also caused the degradation of the spawning, nursery and feeding grounds of fish species.

With the mentioned situation, the rehabilitation and protection of these mangroves are very necessary. Thus, the member municipalities of the BIAD 3 have recognized the need for a mangrove rehabilitation and protection project which will be implemented in its coastal municipalities. However, due to limited resources of Local Governments, the project is proposed for funding or technical assistance to local or foreign donor organizations.

2. PROJECT LINKAGES

The proposed project is in line with the poverty reduction initiatives of the provincial and municipal governments of Bohol. It supports the major development agenda of attaining food sufficiency through higher productivity of fishery and marine resources.

Moreso, it directly supports efforts for the attainment of environmental sustainability through the promotion of coastal resource management practices. It also complements other coastal management initiatives of the Bureau of Fishery and Aquatic Resources, the Department of the Environment and Natural Resources, and the Coastal Law Enforcement Council (CLEC)

3. PROJECT OBJECTIVES

- To rehabilitate and protect the identified priority mangrove areas of the municipalities under the BIAD 3 cluster
- To conserve and preserve the spawning and nursery grounds of fish species, crustaceans, shellfish and other marine organism in the coastal barangays of the BIAD 3 municipalities
- To involve local communities for the protection and maintenance of mangrove areas and increase their social capital through their community groups
- To decrease, if not totally stop, the illegal fishing activities in the area
- To provide community the opportunity to develop themselves into productive members of the society through enhancement of opportunities for marine-based livelihoods

4. SECTORAL OBJECTIVES

The project will contribute to the current development thrust for the promotion of environmental conservation and protection. It will also support the pursuit towards agri-fishery sustainability and sufficiency.

5. REGIONAL AND NATIONAL OBJECTIVES

The Philippines has been pursuing for the sustainable and more productive utilization of natural resources that will promote livelihoods and investments. The project directly supports this thrust as it will enhance the sustainability of fisherfolks' means of livelihood. Bohol is a major source of marine products in Visayas Region, thus the project will promote the sustainability of the fishery sector. This, on certain extent, will contribute for the alleviation of poverty of people.

Protection of biodiversity is another agenda that the regional and national government wants to achieve. The project clearly supports this goal as it will rehabilitate the mangroves, which is the main source of food to support marine biodiversity.

Furthermore, the project is directly in line with the expansion of coverage and strengthening of protection of coastal and marine ecosystem. It complements the National Government efforts in replanting mangroves and establishment of marine sanctuaries.

Finally, it supports the national thrust of providing technical assistance to LGUs for coastal protection and management.

IV. PROJECT FINANCING

1. FUNDS NEEDED

A total of **TWO MILLION PESOS (2,000,000.00)** is required for the implementation of the proposed project with breakdown as follows:

Social Preparation/Ground Working	Php 25,000.00 x 5 Barangays =	Php 125,000.00
Procurement of Planting Materials	250,000.00 x 5 Barangays =	1,250,000.00
Plantation Enrichment	62,500.00 x 5 Barangays =	312,500.00
Management and Maintenance of Mangroves	62,500.00 x 5 Barangays =	312,500.00
Total Project Cost		Php 2,000,000.00

The above project cost shall be funded through counter-parting arrangements between the beneficiary barangays, the communities, the municipal government unit and the assisting funding institution. Cost sharing shall be as follows:

	Share
Local Communities	10%
Barangay LGU	10%
Municipal LGU	10%
Funding/ Assisting Institution	70%

The contribution of the local communities may be in form of labor support and management. Non-monetary counterparting share may also be opted by the Barangay and Municipal LGUs.

V. PROJECT BENEFITS AND COSTS

1. BENEFICIARIES

Fifty (50) households of each beneficiary barangay will benefit from the project. Each household beneficiary shall be entitled of not less than one (1) hectare of existing mangrove areas for enrichment thru planting of propagules in order to restore the mangrove into its original condition for a period of five years. After three years, the project shall be turned over to the community for management purposes.

Indirect beneficiaries of the project will include local and nearby islands' fishery product traders, the Barangay Local Government Units and the Municipal Local Government Units.

2. BENEFITS

The project has many foreseen benefits. Foremost, it will help rehabilitate the degraded mangrove areas of the beneficiary barangays. Improving the state of the mangrove will enhance the growth of marine biodiversity.

With the mangrove areas rehabilitated, it will eventually enhance the marine productivity of the municipality, providing greater opportunity for fisherfolks to increase their fish catch. Sustaining the productivity of coastal areas will provide coastal families, at the very least, sufficient food for their family members. Better yet, fisherfoks can also sell these marine products as their means of livelihood.

If the project will be replicated to other parts of the concerned municipalities within the BIAD, it will create a healthy marine

environment that can benefit the general public. Having a sustainable income would mean improving the families' access to better health care, education, nutrition, sanitation, housing and decrease cases of child malnutrition and mortality.

3. COSTS

There are no foreseen social or economic costs of the project.

VI. PROJECT IMPLEMENTATION

1. RESPONSIBLE AGENCIES

The Municipal Local Government Unit (MLGU) through its Municipal Agriculture Office (MAO) and Local Coastal Resource Management Office, in coordination with the Barangay Local Government Unit of the beneficiary barangays, will implement the project. The existing fishers' organization however will take charge of monitoring its members' compliance to policies and guidelines on project management and sustainability. Training will be coordinated by the implementing agencies with local and provincial environmental and fishery training agencies like BFAR, DENR and the Bohol Environment Management Office (BEMO).

2. IMPLEMENTATION SCHEDULE

The project components will be implemented within Six Months

Finalization/ Project Agreements	November to December 2011
Social Preparation/Ground Working	January to February 2012
Procurement of Planting Materials	March to April 2012
Plantation Enrichment	May to June 2012
Management and Maintenance of Mangrove	July onwards

3. ADMINISTRATIVE FEASIBILITY

The Municipal Agricultural Office takes charge of activities relative to agriculture and fishery. Being a non-political group with permanent status in the local government unit, it will be able to continuously manage and sustain the project. Providing direction to the fishers' organization, the MAO will facilitate coordination and collaboration with technical assistance agencies and fund sourcing organizations.

4. LEGAL AND POLITICAL FEASIBILITY

No legal or political implication expected of the project.

5. ENVIRONMENTAL CLEARANCE

With the objectives focused on both livelihood and marine ecosystem protection, no environmental clearance is necessary. This project could be coordinated with the Bureau of Fishery and Aquatic Resources (BFAR) and the Bohol Environment and Management Office (BEMO).

6. SOCIAL ACCEPTABILITY

The participating municipalities considered this project a very important undertaking as it will promote the protection and enhancement of mangroves and the marine resources. The beneficiary barangays are eager to implement the project as they appreciated its foreseen benefits in the areas of livelihood and environmental protection.

7. PROJECT SUSTAINABILITY

The project will facilitate the development of a clear and realistic sustainability plan in maintaining the viability of the multi-sectoral body participation. A series of consultation workshops will be done to define the financial and physical requirements in the operation of the monitoring mechanism. These will also identify strategies on how to sustain the community interest and support, legal mandates and availability of appropriate technologies.

The issue of sustainability will be the main responsibility of the local players and stakeholders. They will cross examine the possibilities of equipping the multi-sectoral body with a legal basis as provided under Republic Act 7160 or the Local Government Code of 1991. Other sustainability schemes that the multi-sectoral body can assess are the regular support from various sectors in development like business, development institutions, People's Organizations and NGOs.

The participation and steadfast cooperation of the beneficiary communities will be the key factor for the success and sustainability of the project.

VIII. PROJECT MONITORING AND EVALUATION

Monitoring and evaluation (M&E) is essential in order to ensure a periodic review and assessment of the progress, outcomes and impact of the project in the community. A monitoring mechanism and plan shall be established and formulated. This mechanism will be supported by legal instrument and resources in order to perform and execute fully the activities set forth in the project workplan.

It would also be the responsibility of the implementing stakeholders, like the communities, barangay and municipal LGUs to comply with the M&E mechanisms of the donor/ funding agencies. It is expected that deliverable and milestones will be achieved within the timeframe of the project.

Prepared by the Bohol Integrated Area Development (BIAD) Cluster 3

FOR FURTHER DETAILS AND INFORMATION, PLEASE CONTACT:

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