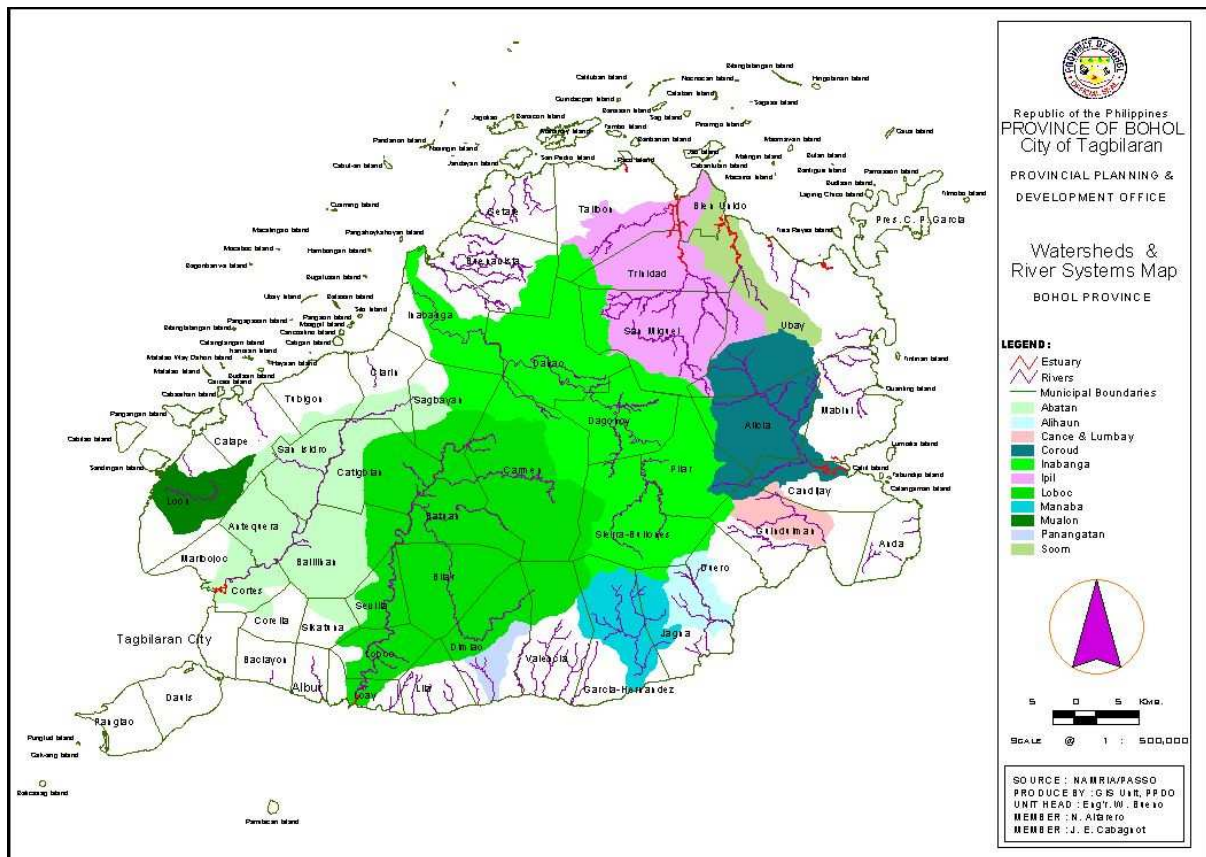


COMPREHENSIVE PROJECT PROFILE

Watershed Rehabilitation, Protection & Development Project



I. PROJECT DESCRIPTION

Project Title: Watershed Rehabilitation, Protection and Development Project

Project Type:

Capital forming for the Reforestation of 800 hectares timberland and 200 hectares Alienable and Disposable land located at BIAD 5 Municipalities.

Project Components:

Multi-Sectoral and Integrated Area Development Projects technology Transfer regarding slopping agriculture and techniques. Tree planting of fruit trees and forest tree species (endemic species) on hilly areas of timberland where undertaken. Agro-forestry on slopping agriculture alienable and disposable areas (Contour Farming Planted with high value crops)

Project Location:

The project will be located at the eight municipalities of BIAD 5 (Bilar, Batuan, Carmen, Dagohoy, Danao, Sagbayan, Seirra Bullones and Pilar with two watershed areas called Wahig Inabanga Watershed and Loboc River Watershed. It is situated within the forest reserved zone of the province.

II. PROJECT STATUS

On Going Project-Spot area on some municipalities

- Integrated Watershed Management for Sustainable Soil and Water Resources Management of the Inabanga Watershed
- Evaluation and adoption of improved farming practices on Soil and Water Resources. Carmen, Sierra Bullones and Pilar are on going projects.

Proposed Project

The project is a proposal for the BIAD 5 municipalities since there are still big areas of eight municipalities which is potential for additional rehabilitation and development of natural resources in a sustainable manner.

Status of Project Preparation

Project Idea

- This proposed project is categorized as on the stage of project idea and profile is available at the DENR office, only implementation is being modified.
- The implementation of the project will be given to the interested families (Family approach) with alienable and disposable lots.
- For timberland, the peoples organization will implement the project with the permit from DENR categorize for Natural Resources Rehabilitation

Project Pre-Feasibility Study

- Preliminary study of the economic and technical viability of the project data at on hand.

Feasibility Study

- Comprehensive analysis of the economic and technical viability of the project is available.

Fund Negotiation

- Ready for funding and execution once MOA is perfected.

The area composed of 800 hectares timberland and 200 hectares of Alienable and Disposable land.

Investment Programming

- The interested families of BIAD 5 municipalities will earn at least Php 40,000.00 per hectare if they will follow the technology and will pass the criteria and assessment of the project.

III. PROJECT JUSTIFICATION

Project Background

Resent assessment shows that the Wahig Inabanga Watershed and Loboc River Watershed are under threat. Worsening soil erosion in upland barangays causing heavy siltation of existing river leaving negative impact such as reduction of river life span; reduction of storage capacity from the basin; easily dries up during summer or even at time where there are no rains; and reduction of serviceable area which causes reduction of rice production.

Within the BIAD 5 municipalities, measures must be put in place to prevent the impending threat like watershed management. In order to further diminish the threat, expansion through Establishment of additional Reforestation Project located in same area covering 800 hectares timberland and 200 hectares of Alienable and Disposable shall be undertaken.

Once the Reforestation Project will be established it will benefit eight (8) municipalities namely Bilar, Batuan, Carmen, Dagohoy, Danao, Sagbayan, Seirra Bullones and Pilar. These Municipalities are within the Wahig Inabanga River Watershed Forest Reserve and Loboc River Watershed Area.

Project Linkages

The project will ultimately reduce the incidence of soil erosion in upland barangays that cause heavy siltation of the Wahig Inabanga River and Loboc River thus reducing the environmental services assistance in terms of forest protection, conservation and prevention programs. It will preserve and maintain the water sources thus helping the farmers harvest sufficiently in their planted crops. It will greatly augment the implementation of the Department of Environment and Natural Resources, National Irrigation Administration, Department of Health (DOH) and the Department of Agriculture.

Project Objectives

The objective of this project is improvement of the environment particularly the watershed area in so many ways:

- reduces indirectly the pressure on extraction of natural forests
- check soil erosion
- reduces water runoff and increases infiltration

- ☑ provides foods and shelter of wildlife
- ☑ absorbs toxic gasses such as carbon dioxide and sulfur
- ☑ improves the microclimate improves environment of the farmers' farm and non-farm enterprises
- ☑ 1,000 hectares to be planted with timber and fruit tree species with slopping agriculture technology for agro-forestry
- ☑ Planting of vines, nito, rattan and other raw material used for cottage industry supporting micro-enterprise
- ☑ Generate other income to poor farmers

Sectoral Objectives

The project will provide increased protection from flood and sedimentation damage for the downstream areas and reduces soil erosion from the upland area that causes heavy siltation to the Wahig Inabanga River and Loboc River. Contribute the millennium goal of the National Government to reduce poverty by 15% in 10 years period and contribute the rice program of the province.

Regional and National Objectives

The project generally supports the Environmental Protection Program, the Food Security Program, as well as the delivery of basic services of the region and that of the national government thus it improves the existing standard of living through the maintenance and development of new, sustainable livelihood opportunities by wise utilization of resources.

IV. PROJECT FINANCING

Funds Needed

Funds will be in the amount of Php 40,000,000.00

Project Financing

- For mobilization-LGU Equity
- Trainings- GOP Agencies
- Accomplishment- Funding Institution per accomplish projects in hectares at Php 40,000.00 per hectare.

Funding Source

The source of funds to finance the project will be taken from LGU Equity, GOP & ODA or from World Bank

Counterpart Funding

BIAD 5 municipalities will contribute 10% of the total project cost, 40% from GOP and 50% from World Bank Loan for the financial and other projects inputs. The DENR shall monitor and evaluate the implementation of the project.

The BIAD 5 municipalities committed to help ensure the long term protection the Wahig Inabanga Watershed and Loboc Watershed and responsible in submitting regular financial, project accomplishment report, and M & E report

All cooperators identified shall:

- a. Sign a contract between the BIAD 5 municipalities
- b. Religiously observe what has been stipulated in the contract
- c. Be physically able, willing, and have interest in the project
- d. Be the actual tiller/settler/cultivator of the land applied for the project
- e. Attend all training ,seminar, and meetings called for by BIAD 5
- f. Strictly follow the proper steps and technical procedures in establishing a tree farm
- g. Be allowed to plant mix fruit and forest trees,

V. PROJECT BENEFITS AND COSTS

Beneficiaries

Direct beneficiaries of the project will be 1,600 HH cooperators (200 per Municipality) who are interested and willing to take part of the endeavor implementing the project. Each household should show the capability and the manpower enough to establish a family tree farm. Generally the cooperators are having farming profession is their main source of income.

Social Benefits

The project will provide the reduction in risk of loss of life and property due to natural disasters and at the same time it answers the issue of malnutrition through improved cropping practices and provides livelihood security and social equity to the constituents.

Economic Benefits

The project will generate income opportunities in the locality through harvesting forest tree products and maintain higher annual crop production in irrigated areas. With this, increase in production, food security will be achieved and appropriate technologies may be introduced in the field of agricultural production.

VI. PROJECT IMPLEMENTATION

Responsible Agencies

In establishing the farm DENR shall provide planting materials while BEMO provides seedlings of indigenous species, OPA provides fruit trees while the interested funding donor will provide for the payment of contact. BIAD 5 municipalities shall

provide seedlings of fruit bearing trees such as avocado, jackfruit and santol and responsible for the other needed farming inputs and technical inputs to the project site.

Implementation Schedule

Year 1: Social Preparation

- a. First three months is the mobilization and Community Organizing;
- b. Four to six months is the technology introduction;
- c. Six to twelvemonths is the field preparation towards adopted technology

Year 2: Site Development

- Assessment of accomplished project contribution
- Payment is made in progress billing per accomplished project.

Year 3 & 4: Care and Maintenance of Established Areas

- Completion of unfinished project from year 2;
- Maintenance assessment for survival of project contribution. Evaluation of the project towards the living condition
- Periodic monitoring

Year 5: Project Turn-over (Completion)

- Semi annual monitoring shall be done from year 1 until project turn-over;
- Acceptance of the project of BIAD 5 Watershed Rehabilitation Protection and development with proper sustainability practices;
- The municipalities will allocate money for maintenance and security. There is participation of the beneficiaries continuing to practice the transferred technology

Administrative Feasibility

BIAD 5 municipalities shall conduct a pre-farm establishment M & E using a specified tool before any farm inputs shall be released; shall oversee the entire monitoring, financial and physical status of the project during the implementation period up to its completion and onward.

Legal and Political Feasibility

The project has no legal obstruction for its completion and does not generate any political opposition during the planning period until its approval. All members of the community are generally in favor of the proposed project.

Environmental Clearance

Clearance from the Department of Environment and Natural Resources (DENR) shall not be necessary because the project does not affect the environment.

Social Acceptability

The proposed project in general does not generate opposition from the community especially to those who are directly affected. Settlers have been identified by the Municipal LGU through the recommendation of the barangay officials of San Vicente, Pilar. The team went on consulting the settlers to ensure cooperators' acceptability to the project thereby securing its sustainability.

Prepared by:

ENGR. JOSE G. TORREGOSA
MPDC

Noted by:

LOUIS THOMAS R. GONZAGA
Municipal Mayor