

5 Social Development Plan (SDP) and IEC Framework

5.1 Social Development Plan

The Social Development Program (SDP) is a multi-dimensional process of enhancing economic and social development in a given community. It is conceptualized as an “institutional mechanism”, a tool to support social development planning, implementation, monitoring and documentation, and evaluation of social development programs/projects/activities (PPA). As many have realized, economic growth alone will not satisfy the requirements of total development – “a development with the human face”.

Economic development tends to emphasize mainly the material aspects of life, and of course, satisfy the consumption needs of individuals. However, it is recognized that development involves highly complex dynamics and progressive processes of growth and change in which various “actors of development” and the society itself participate – involving as it does economic, social, political, and cultural interactions. 90% of community development shall be managed through an SDP. The SDP is considered the vehicle to maximize the opportunity for social and economic development and facilitate the equitable distribution of benefits. Ideally, the SDP should be utilized to provide alternative livelihood opportunities for employees, their dependents, and the neighboring communities. shows the SDP Framework that the proponent plans to undertake during its project implementation.

Table 5-1 SDP Framework for the project

Areas of concern	Program/Project/Activity	Objectives	Responsible Parties	Target beneficiaries	Expected Results (Outcome of the P/P/A)	Time Frame (Schedule)
Awareness and social preparation	Advocacy and social mobilization	<p>To raise the level of awareness and interest of the communities in terms of the following:</p> <ul style="list-style-type: none"> • Need for the proposed project • Project objectives and benefits • Responsibilities of the project proponent to the environment and the host and surrounding communities • Projects included in the Social Development Plan and their roles in the implementation 	<ul style="list-style-type: none"> • Proponent • LGU • Municipal Planning and Development Office (MPDO) 	Residents of Municipalities of Buenavista and Gasan	The residents shall become knowledgeable of the proposed project, including the nature, objectives, and mechanics of implement.	Pre-construction and operation stages.

Bagtingon Small Reservoir Irrigation Project
Social Environmental Impact Assessment
July 2024



Areas of concern	Program/Project/Activity	Objectives	Responsible Parties	Target beneficiaries	Expected Results (Outcome of the P/P/A)	Time Frame (Schedule)
Institutional development and people empowerment	<ul style="list-style-type: none"> Development of community-based organization Leadership training and capacity building Skills and livelihood training 	<ul style="list-style-type: none"> To establish a local community-based organization that is capable of implementing community programs with the support of the project To develop leadership and organizational development skills of locals including barangay officials and youth leaders. To develop and introduce practical and on-demand skills and livelihood of local constituents 	Buenavista and Gasan <ul style="list-style-type: none"> MPDC Municipal Social Welfare and Development (MSWD) Proponent 	<ul style="list-style-type: none"> Barangay residents and potential workers Municipal government agencies such as Public Employment Services Officer (PESO), Municipal Agriculture Office (MAO), etc. Department of Trade and Industry (DTI) 	<ul style="list-style-type: none"> Stakeholders become knowledgeable about the community organizing and how they can support or be involved in P/P/A implementation. Stakeholders become capable of leading and organizing their own organizations A community 	Construction and operation stages

Bagtingon Small Reservoir Irrigation Project
Social Environmental Impact Assessment
July 2024



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				<ul style="list-style-type: none"> Security Exchange Commission (SEC) Cooperative Development Authority Technical Education and Skills Development Authority (TESDA) 	<ul style="list-style-type: none"> y-based organization shall have been established Locals who underwent training will now be part of the productive labor force and practice their learnt skills 	
Infrastructure development and facilities/utilities improvement/development	<ul style="list-style-type: none"> Improvement of lighting system and power supply Putting up/improvement of potable water supply 	<ul style="list-style-type: none"> To improve and/or rehabilitate infrastructure and facilities/utilities for better delivery of services and utilities 	<ul style="list-style-type: none"> Proponent LGU 	<ul style="list-style-type: none"> Residents of Buenavista and Gasan and especially Bagtingon, Daykitin, 	<ul style="list-style-type: none"> School children will have easier access to potable water system. Majority of the locals 	Construction and operation phases

Bagtingon Small Reservoir Irrigation Project
Social Environmental Impact Assessment
July 2024



Areas of concern	Program/Project/Activity	Objectives	Responsible Parties	Target beneficiaries	Expected Results (Outcome of the P/P/A)	Time Frame (Schedule)
		<ul style="list-style-type: none"> To enhance basic health requirements through available potable water system 		Caigangan, Uno, Dos, Tres, Quatro, Malbog, and Tabionan <ul style="list-style-type: none"> Brgy. Pre-school, Daycare, and Elementary School 	have access to power and water supply	
Economic s	Skills and livelihood training	To increase levels of productivity and income of less privileged members of the community	<ul style="list-style-type: none"> Proponent Buenavista and Gasan MSWD and MPDO 	Residents of Buenavista and Gasan and especially Bagtingon, Daykitin, Caigangan, Uno, Dos, Tres, Quatro, Malbog, and Tabionan especially the community members belongin to the agricultural sector (e.g. shrimp catchers, butterfly farmers,	Income of residents will increase	Operation phase

Bagtingon Small Reservoir Irrigation Project
Social Environmental Impact Assessment
July 2024



Areas of concern	Program/Project/Activity	Objectives	Responsible Parties	Target beneficiaries	Expected Results (Outcome of the P/P/A)	Time Frame (Schedule)
				fishermen, and farmers)		
Education al facilities and services	<ul style="list-style-type: none"> Improvement of school buildings/classrooms Provision of textbooks, exercise materials/modules and other school facilities Assistance for advance trainings of teachers Acquisition of computers to expose students to new technologies 	<ul style="list-style-type: none"> To repair and/or extend school buildings/classrooms To provide elementary, pre-school and daycare pupils with sufficient reading materials to enhance their knowledge/skills. To expose the teaches/students to modern information technologies 	<ul style="list-style-type: none"> Proponent Department of Education (DEPED) LGU Buenavista and Gasan Non-government organizations 	<ul style="list-style-type: none"> Students / Pupils in pre-school, daycare and elementary schools School teachers 	<ul style="list-style-type: none"> Delivery of education al services/ technologies shall have been facilitated Students/teacher shall have been exposed to modern system of information technology 	Construction and operation phases
Employment	<ul style="list-style-type: none"> Establish community database-re-personnel information, skills and experiences 	To provide preferential employment opportunities to qualified locals	Proponent LGUs MSWD Brgy. Council of Bagtingon, Daykitin, Caigangan,	Residents of Buenavista and Gasan and especially Bagtingon, Daykitin, Caigangan, Uno,	<p>Livelihood/income of residents shall have improved</p> <p>Unskilled works shall have been</p>	Pre-construction, construction, and operation stages

Bagtingon Small Reservoir Irrigation Project
Social Environmental Impact Assessment
July 2024



Areas of concern	Program/Project/Activity	Objectives	Responsible Parties	Target beneficiaries	Expected Results (Outcome of the P/P/A)	Time Frame (Schedule)
	<ul style="list-style-type: none"> Education and training of local constituents' employment requirement 		Uno, Dos, Tres, Quatro, Malbog Brgy. Council of Tabionan DEPED	Dos, Tres, Quatro, Malbog, and Tabionan	<p>offered first to locals</p> <p>Constituents shall provide training suited to the needs of the company</p>	
Monitoring and evaluation	<ul style="list-style-type: none"> Regular collection of data/information re-P/P/A implementation Progress reporting in P/P/A implementation In-house program review Formation of multi-tripartite monitoring and evaluation team 	<ul style="list-style-type: none"> To determine the extent by which plans/programs /activities are implemented and have met specific objectives To assess the impacts of dam operation on the communities and residents in the area 	<ul style="list-style-type: none"> Proponent LGUs MPDO Multi-tripartite monitoring 	Communities/residents of areas under consideration in Buenavista	<p>Monitoring and documentation shall have to be regularly undertaken</p> <p>Regular assessment and review must be done</p> <p>Multi-tripartite monitoring and evaluation team shall have to be recognized</p>	<ul style="list-style-type: none"> Operation and post-operation phases Yearly upon operations

5.2 Information and Education Campaign (IEC)

Based on the guidelines on public participation under the Philippine EIS system DAO 17 – 15, the identified stakeholders shall be involved and participate in different stages of the EIA process. They must be oriented early about the project through Information, Education, and Communication (IEC). The IEC activity is one of the requirements to be conducted before the public scoping. In this activity, the EIA team should conduct an orientation to inform about the project, the proponent, and the different stages of the scoping process.

Before the conduct of the IEC activity, the project location was visited and its scope was identified to help in determining the stakeholders to be involved. After identifying the stakeholders, letters of request to conduct the IEC for the BSRIP were sent. The invitations were sent to the Provincial Office of Marinduque, Municipal Office of Buenavista, and Barangay Office of Bagtingon.

A supplemental IEC was also conducted to include other host barangays specifically Barangays Caigangan, Daykitin, Malbog, Uno, Dos, Tres, and Quatro in Buenavista and Barangay Tabionan in Gasan to inform the additional host barangays of the proposed project. The same process of invitation were conducted to these barangays.

It was assured in the letter that their participation is completely voluntary and their concerns and suggestions will only be used for the project. Below is the list of stakeholders invited for the activity.

Table 5-2 Identified stakeholders for the IEC

Provincial	Municipal	Barangay
Provincial Administrator	Mayor's Office	Barangay Officials
Provincial Planning and Development Officer	Vice-Mayor Office	Purok Leaders
Provincial Social Welfare Development Officer	Department heads/chiefs of LGUs or any representative under each office	Youth Leaders
Provincial Government Environment and Natural Resources Officer	Municipal Council	Representatives from Women's Group
Provincial Disaster Risk Reduction and Management Officer	Non-government organizations (NGOs) within the municipality	Representatives from Men's Group
	Private Organizations and business sectors within the municipality	Representatives from Senior Citizens
	Local institutions (schools, hospitals, churches) within the municipality	Representatives from Religious Groups
		Representatives from Academe/School
		Representatives from other existing organizations, groups, and associations in your barangay (e.g TODA, Fisherfolks, Farmers, etc)

5.2.1 IEC Framework

An IEC framework was developed to guide the implementation of the activities. The table below shows the summary of the framework.

Table 5-3 IEC Framework

Target Sector Identified As Needing Project Iec	Major Topic/S Of Concern In Relation To Project	IEC Scheme/ Strategy/ Methods	Information Medium	Indicative Timelines And Frequency	Indicative Cost
LGUs in areas where all project facilities are proposed to be constructed Government agencies with related mandate on the project NGOs POs Indigenous People Community/Households to be affected Schools Churches Hospitals/clinics	<ul style="list-style-type: none"> Project Description and Objectives The Proponent Purpose of the EIA Scoping Process Proposed location Alternatives being considered Projected Timeframe 	<ul style="list-style-type: none"> Individual Approaches Group Approaches Multi-media 	<ul style="list-style-type: none"> Invitation letters FGD Hand-outs Audio-visual presentations Primer/brochure Posters 	<ul style="list-style-type: none"> Prior to the conduct of Public Scoping Continuous dissemination of information about the project During the undertaking of the EIA study, review and approval process and, After the issuance of the ECC 	<ul style="list-style-type: none"> Number of attendees Cost of meals Cost of venue Cost of IEC Materials

5.2.2 IEC Materials

Different kinds of information materials were used for the IEC campaign. The materials used included a brochure, banners, AVP, and audio-visual presentations. These materials included information about the SRIP, a description of the project, its location, and potential benefits. Different maps and images were also included in the materials. The AVP also showed an artistic version of the project once completed.

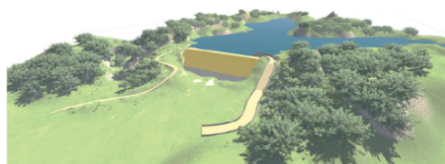
Small Reservoir Irrigation Project (SRIP)

Ang Small Reservoir Irrigation Projects (SRIPs) ay isa sa mga pangunahing proyekto ng NIA sa ilalim ng 10-year Accelerated Irrigation Development Program ng national government.

Lokasyon ng Proyekto

Ang minumungkahing Bagtingon SRIP ay matatagpuan sa Barangay Bagtingon, Buenavista, Marinduque. Ito ay isa sa labing limang barangay ng Buenavista. Ito ay humigit-kumulang 3 km mula sa bayan at maaaring maabot ng anumang uri ng land transportation kahit tag-ulan.

Ang tatayuan ng Bagtingon SRIP ay nasa kabuuang **226 ha** na lahat ay maaring taniman. Mayroong humigit-kumulang 101 ha na taniman ng palay kung saan ang lupa dito ay clay na kung tataniman ng palay ay magbibigay ng pinakamataas na kita.



Bagtingon SRIP

Ang iminungkahing proyekto ay matatagpuan ilang metro lamang mula sa ibabang bahagi ng ilog mula sa pinagtagpong ilog ng Banlawanin at Subling na kalaunan ay tinawag na ilog Bagtingon bilang kalapit bahagi ng Tablas Strait.

- Drainage Area: 7.65 km²

DAM

- Uri: Zoned Earthfill
- Crest elevation ng dam: 107.0 m
- Taas ng dam: 27.0 m
- Haba ng tuktok ng dam : 197.7 m
- Kapal ng tuktok ng dam: 9.0 m
- Kabuuang kapasidad ng imbakan: 317,781.06 cu. meters

SPILLWAY

- Uri: Side Channel
- Kapal ng tuktok ng dam: 24 m
- Taas ng tuktok mula sa lupa: 102.0 m

RESERVOIR

- Normal W.S. Elevation: 102.0 m
- Minimum W.S. Elevation: 93.5 m
- Reservoir Area at Normal W.S. Elevation: 10.43 ha
- Reservoir Area at Min. W.S. Elevation: 5.37 ha

IRRIGABLE AREA

- Wet Season: 226 ha
- Dry Season: 226 ha

Sitwasyon kapag walang Bagtingon SRIP

DESCRIPTION	AREA (has)	YIELD (mt/ha)	YIELD (cavan/ha)	PRODUCTION (mt/yr)
Wet Season:				
Irrigated	68	4.0	80	272
Rainfed	52	3.0	60	156
Upland Rice	55	1.0	20	55
Dry Season:				
Irrigated	56	3.5	70	196
TOTAL				679 (13,580 cavans/yr)

Sitwasyon kapag nagawa ang Bagtingon SRIP

DESCRIPTION	AREA (has)	YIELD (mt/ha)	YIELD (cavan/ha)	PRODUCTION (mt/yr)
Wet Season:				
Irrigated	301	4.5	90	1,354.50
Dry Season:				
Irrigated	301	5.0	100	1,505.00
TOTAL				2,859.50 (57,190 cavans/yr)

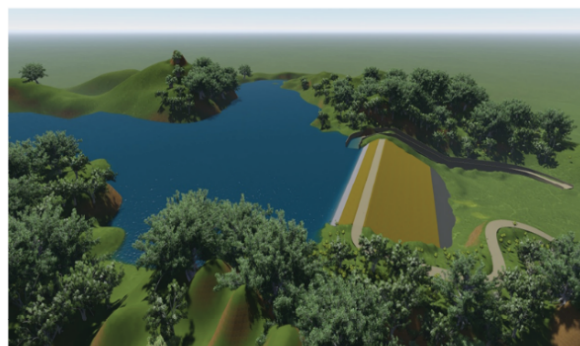


Figure 5-1 Brochure for Bagtingon SRIP

5.2.3 IEC at the Municipal and Barangay Levels

The main objective of conducting the IEC was to inform the stakeholders about the project and its objectives, the proponent, the purpose of the SEIA, scoping process, the proposed location, and the projected timeframe. The activity helped in soliciting feedback from the SEIA Team about the understanding of the stakeholders about the project and the SEIA process. The concerns, issues, suggestions, and other inputs on the project were also gathered through the IEC activity. The information gathered will help in preparing for the Public Scoping.

The table below shows the program for both IEC activity at the Provincial and Municipal Levels and Barangay levels. The plan was to conduct the activity for two hours. A time extension was only requested for the open forum.

Table 5-4 IEC Program

Time	Topic	Session Highlight/Description
9:00-9:10	Introduction	Opening of program. Why IEC activity should be conducted
9:10-9:15	Opening Remarks	Welcoming/acknowledging of participants
9:15-9:30	Environmental Impact Assessment (EIA) Process	Brief Overview of EIA Process and the activities to be undertaken for the acquisition of ECC
9:30-10:15	Project Presentation	Presentation about BSRIP
	Background	
	Project Area	
	Existing Infrastructure	
	Proposed Project	
	Project Benefits	
	Current Issues of the Proposed Project	
	Status of Project	
	Project Alternatives	
	Timeframe of Construction	
10:15-10:55	Open Forum	Issues/concerns
10:55-11:00	Closing Remarks	
11:00	Adjournment	

The IEC activity for the Provincial and Municipal Levels was conducted on December 09, 2021. The participants were gathered at the conference room in the Municipal Hall of Buenavista. A total of 21 stakeholders attended, one representative from the Provincial Office of Marinduque and the remaining, 18 officials from the Municipal Office of Buenavista, and three officials from Barangay Bagtingon.

For the Barangay Level, the activity was conducted on December 10, 2021. The participants were gathered at the Barangay Hall of Bagtingon. A total of 25 stakeholders attended. The participants are barangay officials and representatives from a religious group, youth group, Department of Health (DOH), Department of Education (DOE), Committee in Bagtingon, private organizations, farmers and fisheries group, women's group, and senior citizen group.

For both activities, the introduction was given by the representative from NIA. The opening remarks were given by the Municipal Mayor and Barangay Captain for the Provincial and Municipal Levels and the Barangay Level, respectively. The project information was presented by the EIA Consultant. The open forum was facilitated also by the EIA Consultant. The closing remarks were given by the Municipal Administrator and the Barangay Secretary for the Provincial and Municipal Levels and the Barangay Level, respectively.

Based on the technical scoping, the project was also required to conduct a supplemental IEC activity with constituents of Barangays Caigangan, Daykitin, Malbog, Uno, Dos, Tres, and Quatro in Buenavista and Tabionan in Gasan. The activity was undertaken on November 29 in Barangay Tabionan and December 13, 2023 in the host barangays of Buenavista. Twenty-five and 55 stakeholders participated in the activities, respectively.

5.2.4 Issues and concerns raised

The representatives from both levels actively participated in the IEC activity. They voluntarily raised their concerns and opinions. The summary list of issues raised is presented in the table below.

Table 5-5 Issues and concerns raised during the IEC activity

IEC Activity Date	Name and Sector	Issues Raised/ Suggestions Provided	EIA Team's Response
First IEC			
Dec. 9, 2021	Rolando S. Josue PGDH-PENRO PLGU Marinduque	The preparation of past EIA plans did not incorporate climate change and other environmental factors.	It will be ensured that the current plan will incorporate these factors.
		There is a need for environmental and social management with monitoring.	The RAP Specialist and other members of the team already considered this aspect.
		Take into account all species inside the PA for sustainability of the watershed.	This is noted. The biodiversity specialist and watershed specialist are in charge of this.
		Account high value crops to prevent unnecessary costs/costing.	The agriculturist/ agronomist from the team will make sure that it is included in the costing.
		Ensure soil erosion mitigation measures (introduce new soil stabilization techniques to prolong lifespan ng SRIP).	These suggestions are noted and will be included.
		Provide mitigation measures in collecting materials for making the SRIP.	
	Johnny C. Francisco Brgy. Kagawad LGU Bagtingon	Consider the locals.	These will be included in the EIA report. Now aware of the fault line but it will be ensured that it is considered in formulating plans.
		Consider the fault line in the area.	
		How many hectares will be submerged in case the water in the dam rises? The people will be affected.	The estimated number of hectares will still be assessed. The possible impact and mitigation plans will be included in the EIA report.
	Bert S. Fabrero Municipal Assessor	Take into account stewardship programs inside PA	These suggestions are noted and will be included.

IEC Activity Date	Name and Sector	Issues Raised/ Suggestions Provided	EIA Team's Response
	LGU Buenavista	Make the project an integrated one. Tap help from other agencies like DPWH, DENR, and DOST for monitoring and possible use of monitoring technology.	
		There should be transparency as this was the problem in the past.	It will be ensured that all the progress/development in the project will be disseminated to the stakeholders.
		Have a ridge to reef management.	It will be ensured that it will be done.
		Remove hydropower project, not plausible at the moment.	It will be removed in the report.
		One of the main benefits is the domestic water supply.	The project will not just provide irrigation to 226 ha of land but also provide water supply to the community.
		Provide livelihoods for the people in the community.	It will be ensured that the community members will be prioritized to be hired during the construction phase and even after construction phase. Other livelihood programs will also be included in the plan.
Dec. 10, 2021	Winfredo S. Sadia Councilor LGU Bagtingon	The sites near the proposed project site are prone to flooding.	Flood mitigation plans will be included.
		Request for bridge construction in case of emergency on the rivers.	It will be proposed to NIA.
		Provide DOs and DONT's once SRIP was completed.	It will be provided.
		It can be a recreational area once established.	It will be include in the plan.
	Analie R. Moyar Representative Religious Group	Make sure to include livelihood and recreation.	It is noted.
		Transparency of the project	It was also mentioned during the provincial and municipal level presentation. It will be ensured that all developments about the project will be disseminated to the community.

IEC Activity Date	Name and Sector	Issues Raised/ Suggestions Provided	EIA Team's Response
	Heizel Faderogao Brgy. Secretary LGU Bagtingon	The project is beneficial. There will be more crop yield/harvest and increase of livestock.	
		Have a back-up plan for those to be affected by the SRIP construction.	It will be include in the plan.
	Genevieve Valenzuela Representative Women's Group	Provide a bridge from Purok Uno to Maksan.	It will be suggested to NIA.
	Alejandro Zulueta Representative Farmers Association	The farms will be destroyed during the construction.	Livelihood programs will be included in the plan and the farms/farmers who will be affected will be paid based on the cost of damage.
		What will you give as an alternative sources of income?	
	Johnny C. Francisco Brgy. Kagawad LGU Bagtingon	Who will maintain the dam once it is constructed?	The details about the plans after its construction will be in the report, including the maintenance.
		Consult all vulnerable stakeholders/people	It is noted.
	Morgito Salansagay Committee on Environment LGU Bagtingon	If rain pours for 24 hrs nonstop, river will surely rise.	This is noted and will be included in the mitigation plans.
		People want dikes in the mouth of the river.	It will be suggested to NIA.
Supplemental IEC (Municipality of Gasan)			
	Mr. Edgar A. Sadiwa LDRRMO, Gasan, Marinduque	I saw that the project cost is Php 990M, does this include the infrastructures to be built? Is the compensation on the trees to be cut down for the project included in the project's funding?	Yes. Original estimated cost for the construction of irrigation facilities is Php 30M with revised estimated and disbursement cost of Php 8,821,122.57. The presented estimated total project cost of Php 990M has been in effect since 2013 up to the present.
	Engr. John Ryan Dela Vega MEO, Gasan, Marinduque	After the construction phase, how much volume will the dam have, and how long will it take to fill	It depends on the water capacity of the river; it fills up quickly during the rainy season, but it may take a bit longer during the dry season.

IEC Activity Date	Name and Sector	Issues Raised/ Suggestions Provided	EIA Team's Response
		it? Because there's a concern that those in the residential areas downstream might experience a water shortage while the dam is being filled.	When there is heavy rainfall, the dam easily fills up and spills into the river. There are instances when downstream areas may experience water shortages, especially during the dry season when farmers are utilizing the water.
	Hon. Romnik M. Sanchez Councilor, Barangay Tabionan	What is the estimated number of trees to be affected by the project? It was mentioned during the presentation of the EIA process that it is still in the 2nd step. However, according to NIA, there is an on-going activity. Please clarify what on-going activity is being referred to.	There is an on-going tree inventory being conducted by DENR and PCA. The results of the tree inventory are still pending request from the DENR. As for the PCA, the completed inventory covers lateral canals A to D. While the DENR has finished the inventory for lateral canals, but the tree inventory within the proposed dam sites is yet to be conducted. Therefore, the current inventory only includes main and lateral canals A to E. The actual count will come from the DENR's report since they are responsible for geotagging and tree inventory. The replacement seedlings will depend on the number of identified trees. It's important to note that the lumber from the trees cut by the DENR will belong to them, and the landowner will not receive it based on their regulations. NIA will compensate the DENR for the felled trees. There is a predetermined price for plant

IEC Activity Date	Name and Sector	Issues Raised/ Suggestions Provided	EIA Team's Response
			damages set by the Municipal Assessor's Office.
	Hon. Rizal L. Basco Jr. Chairman, Barangay Tabionan	<p>Where will the dam be located, near the spring or far from the spring? How can people be sure that the water is clean? What assurance do people have that the water is clean?</p> <p>Regarding the cleanliness of household water, there is no problem. However, the concern arises due to individuals engaged in shrimp catching. What is their indication that the water is clean and free from contaminants?</p>	<p>Part of the baseline study to be conducted by the EIA preparer includes a water quality analysis of the water bodies within and adjacent to the proposed project site through conduct of water sampling activities. This is done to determine if the water is clean and suitable for irrigation and domestic use. Based on the initial assessment, one indicator of its suitability is the existence of the Bagtingon Communal System, which, although currently damaged, was present before. According to past surveys, there have been no complaints from the people regarding water quality being supplied by the said system.</p> <p>Prior implementation of the environmental management plan to be proposed by NIA and to be approved by EMB, part of it is the implementation of continuous water quality monitoring. This includes the hiring of forest safeguards to oversee stewardship and ensure that there will be no illegal activities immediate the project site that might significantly impact the locals' livelihoods.</p>
	Hon. Richard M. Zoleta Councilor, Barangay Tabionan	Suggestion to conduct a site visit in Brgy. Tabionan for risk assessment because the barangays has relatively thin soil cover	Part of the on-going EIA study being conducted by the preparer is to determine the level of risk associated with various hazards

IEC Activity Date	Name and Sector	Issues Raised/ Suggestions Provided	EIA Team's Response
			such as landslides, soil erosion, flooding, and forest fires. We can categorize different levels of risk, including low, moderate, and high risk, as represented in the case of flooding. Areas immediate the proposed project site, identified as direct or indirect impact areas, with moderate to high risk of flooding, will be prioritized for the proposed implementation of vegetative and structural measures. These measures may include planting bamboo or kakauate along streambanks and constructing gabions or dikes. Rest assured that ground validation and necessary coordination with concerned agencies and stakeholders will be made before implementation of any activities.
	Mr. Edgar A. Sadiwa LDRMO, Gasan, Marinduque	What will happen if the dam overflows?	The project undergoes regular maintenance, and the dam construction is carried out by experts from the National Irrigation Administration (NIA).
		Is there any compensation for farmers and affected communities to be provided by NIA?	Estimate cost for compensation will be determined during the conduct of detailed survey. However, there is a predetermined price for plant damages set by the Municipal Assessor's Office:
	Hon. Richard M. Zoleta Councilor, Barangay Tabionan	What is the percentage of the residents from Brgy. Tabionan will be involved or able to work during dam construction?	As of now, we cannot provide definite number of individuals or required manpower from each impact barangays during dam construction. But rest assured, hiring of laborers from the locals will be given high priority by the proponent.
Supplemental IEC (Municipality of Buenavista)			

Bagtingon Small Reservoir Irrigation Project
Social Environmental Impact Assessment
July 2024



IEC Activity Date	Name and Sector	Issues Raised/ Suggestions Provided	EIA Team's Response
	Hon. Joseph J. Siena Chairman, Barangay Bagtingon	Request: Right-of-Way Documents	Request noted.
	Hon. Genevieve Valenzuela Councilor, Barangay Bagtingon	Correction: Name of the river is "Manlawanin" instead of "Banlawanin"	This is noted. This will be corrected on the reports and maps to be submitted.
	Hon. Joseph J. Siena Chairman, Barangay Bagtingon	Is the presented compensation cost per tree already considered as a fixed cost?	Not yet. This were only a predetermined price for plant damages set by the Municipal Assessor's Office.
	Alidia S. Muceu Local Farmer, Barangay Caigangan	Is it true that only the bearing coconut trees will be compensated? What about the newly planted ones?	The number of coconut trees that NIA will compensate landowners for will be based on the results of the PCA inventory. We will discuss with them the compensation for the newly planted ones.
	Hon. Joseph J. Siena Chairman, Barangay Bagtingon	Why was the staff house for the project placed in Barangay Masiga? Shouldn't it have been placed Bagtingon instead, as if there are concerns with the dam, Barangay Masiga is quite far for us to go there.	There is no available land for sale near the project site, so the purchased property is in Barangay Masiga. However, temporary facilities for a bunkhouse will be set up on the project site during dam construction.
	Hon. Joseph J. Siena Chairman, Barangay Bagtingon	In the proposed construction of a dike for flood control, priority should be given to Barangay Bagtingon since that is where the dam will be built.	Prioritization of the construction of to be proposed structural measures will be determined based on the result of vulnerability risk assessment. Rest assured that ground site validation and necessary coordination with concerned agencies and stakeholders will be made before implementation of any activities.

IEC Activity Date	Name and Sector	Issues Raised/ Suggestions Provided	EIA Team's Response
	Hon. Joseph J. Siena Chairman, Barangay Bagtingon	It is recommended to prioritize the hiring of laborers from the locals of Barangay Bagtingon since they are the most affected. In the ongoing construction of the canal, many have lost their livelihoods, including those engaged in coconut farming, while individuals from other barangays are benefiting and being hired as laborers.	This is noted. The proponent will coordinate prioritizing hiring of laborers from the locals with their contractor.
	Hon. Jonabeth M. Vitto Chairman, Barangay Caigangan	No residents in the Barangay Caigangan are employed in the construction of canal alignment because the contractor brings their own workers.	
	Hon. Joseph J. Siena Chairman, Barangay Bagtingon	Butterfly farming is one of the primary livelihoods of the locals; it should also be one of the aspects to be addressed proactively before they are impacted by the project.	Part of the EIA Report to be submitted and approved by EMB is the formulation of a Social Development Plan (SDP) which includes measures to compensate for any negative effects on local livelihoods, such as the development of alternative income-generating activities or skills training programs.
	Alidia S. Muceu Local Farmer, Barangay Caigangan	Why did you start the construction of the canal alignment in our barangay without seeking permission from the landowner? When the landowner arrived, all their crops had been uprooted. How can you conduct an inventory now that everything has been uprooted, and how will	Noted. We will discuss this with the team assigned to the project. Regarding the compensation cost for the crops, we will coordinate and consult with the Department of Agriculture (DA) first.

Bagtingon Small Reservoir Irrigation Project
Social Environmental Impact Assessment
July 2024



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		the compensation cost be determined?	We will issue a notice to our contractor to prevent such incidents where they don't seek permission.
	Melvin Vitto MENRO/Acting MAO, Buenavista, Marinduque	Suggestion: Before you commence construction, you should conduct an inventory of the crops/trees you will be excavating and communicate with the landowners. The proposed project won't be able to help them if the farmers you aim to help no longer have any crops to harvest.	
	Maria Eloisa L. Apostol MAO Representative, Buenavista, Marinduque	During the last MAFC meeting, an issue concerning Kuya Nicanor emerged. He's a farmer who produces a significant number of high value crops, but his crops were affected by the construction of the canal alignment. The impact happened without prior notice and compensation.	
	Melvin Vitto MENRO/Acting MAO, Buenavista, Marinduque	What assurance do we have that you will communicate next time? Because this is the initial step that you missed – you didn't reach out, and you haven't paid yet.	
	Hon. Jonabeth M. Vitto Chairman, Barangay Caigangan	I requested a meeting with NIA to find out if they have already talked to the affected farmers and if they have agreed on the proposed compensation. Our top concern is that, before they start, the	

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		crops that will be damaged should already be compensated. Construction has already begun without informing the landowners or coordinating with the barangays before uprooting the crops. So now, there won't be any crops to count because they have already been uprooted.	
	Hon. Jonabeth M. Vitto Chairman, Barangay Caigangan	Another concern raised by our council member is that their house is being buried under soil due to the ongoing construction, and only the roof is visible. Also, the irrigation at the far end towards Bagtingon; there is no access. Only along the line canal exists, but the path that the locals actually take is nonexistent. It would be better if you could coordinate with the barangay about this.	This is noted. We'll talk with our contractor regarding this.
	Hon. Jonabeth M. Vitto Chairman, Barangay Caigangan	For the preparers (GRIDS), why did you hire enumerators from our barangay? How can you ensure the accuracy of the respondents' answers and truly understand the community's real problems if you just hired enumerators?	Admittedly, we hired additional enumerators for barangays with a large target number of respondents due to the limited team members at that time. The team also made sure that the hired enumerators were well-oriented with the proposed project. We discussed in detail the content of the questionnaires and how to explain them to the respondents. It's also true that we personally conducted a house-to-house surveys in barangays manageable by the team.
	Mr. Melvin Vitto MENRO/Acting MAO, Buenavista, Marinduque	Hon. Jonabeth M. Vitto Chairman, Barangay Caigangan	

Bagtingon Small Reservoir Irrigation Project
Social Environmental Impact Assessment
July 2024



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			<p>We are willing to revisit those barangays where we hired an enumerator and personally conduct the survey with the project team members to ensure the accuracy of the households' responses.</p> <p>Expect a follow-up call from us to coordinate the scheduling of the activity.</p>
	Ms. Maria Eloisa L. Apostol MAO Representative, Buena Vista, Marinduque	Create a plan for farmers so that when we are asked in the regional and provincial meetings, we have something to respond with.	<p>Yes. In the management plan to be formulated within the EIA Report to be submitted to the EMB, local We will have a public hearing to present the study results and the corresponding proposed activities to address the identified issues/concerns before the EMB approves the issuance of the Environmental Compliance Certificate (ECC) with the proposed BSRIP.</p>