

FEBRUARY 2021

PROJECT BRIEF

In this issue:

**SEAWEED CONSOLIDATOR MARKS
MORE THAN PHP 7 M SALES**

Despite the pandemic, the Hinatuan Seaweeds Producers Association (HSWPA) has continuously engaged in marketing

RDS

**SAVING MOBILIZATION EXPANDS,
HIT PHP11.17M**

108, 660 FISHERS

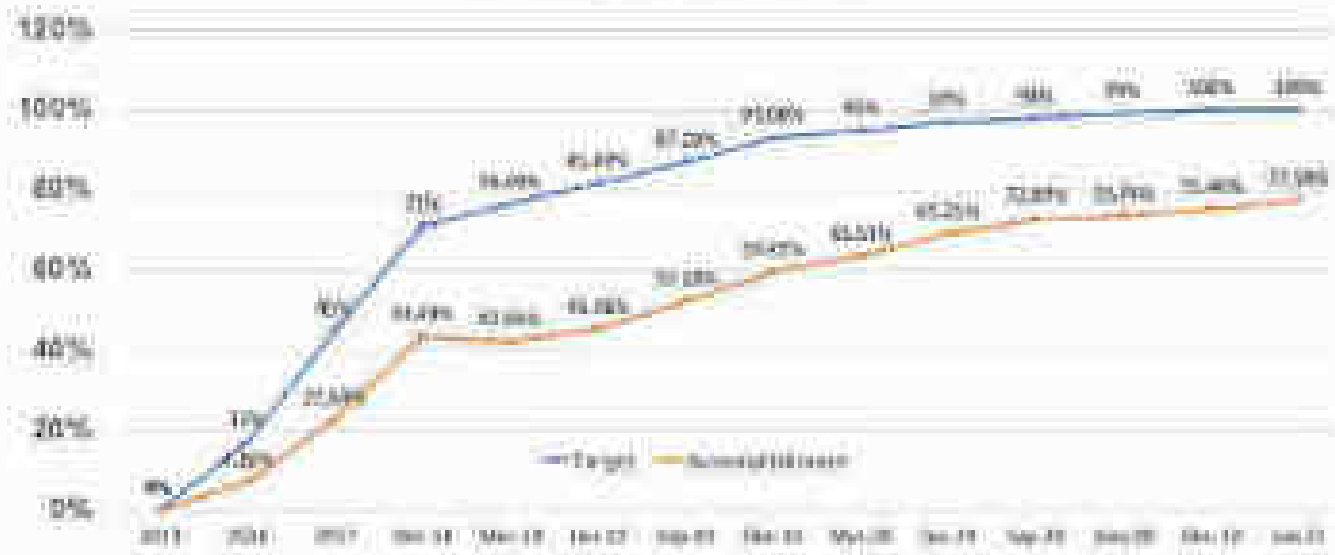
REACHED IN CARAGA

a total of 4, 581 households directly benefitted from the project

FEBRUARY 2021

Project Brief

OVER-ALL WEIGHTED PHYSICAL ACCOMPLISHMENT AS OF JANUARY 2021



Project Reach

A total of 22, 561 households were reached by the Project in the Caraga region with 4, 581 are direct beneficiaries. By individual, there were 108, 660 fishers reached by the project with 2, 477 are direct women beneficiaries.

BBDA in full operation

The Butuan Bay Development Alliance (BBDA) Operations Team is now on-board at the Baywide Management and Multipurpose Building (BMMB).

The Team is composed of the Executive Director, Program Coordinator for Fisheries Management, and Admin and Finance Staff.

Php11.17M in Savings

The Saving Mobilization Clubs in the Caraga region have expanded to 47 groups with a total of Php11.17 million total savings since it started in 2017.

Currently, a total of Php3.9 million is revolving while Php7.2 million is the total recorded saving for the first cycle up to the 3rd cycle.

At least 1, 537 fishers have benefitted this Saving Mobilization, wherein 702 of them have accessed to financing to support their basic needs, production capital, and support to their children despite the pandemic. Around 1000 fishers have accessed insurance from the Social Fund in times of emergency.

ON THE COVER

Members of HSWPA hauling Raw Dried Seaweeds (RDS) into a container van last January 30, 2021 in barangay Loyola, Hinatuan, Surigao del Sur. A total of 66, 450 kg of RDS was shipped to CEAMSA Asia in Marilao, Bulacan.

The organization is engaged of seaweeds farming and consolidating RDS, and sell it directly to the processing plant since March 2019.



FEATURED STORY

THE EDGE OF LINKING FARMERS TO BIGGER MARKET

Seaweed growers in Hinatuan sustainably earn income despite the pandemic with the HSWPA's access to a Plant Facility in Bulacan



HSWPA Executive Committee showing their check as payment of the RDS shipment

CONQUERING MARKET

The Hinatuan Seaweeds Producers Association (HSWPA) has generated more than Php7 million sales in the consolidation of Raw Dried Seaweeds (RDS).

Despite the pandemic brought about the COVID-19, the organization continued to market RDS to the processing plant in Marilao Bulacan.

Since the pandemic, HSWPA was able to market seven shipment with a total of 66,450 kg. HSWPA Rizalito Mamayabay shared that the buying price was unstable due to

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Conquering Market...

pandemic and has dropped up to Php 50.00/ kg last September 2020. However, he said, the price was still good for them.

For seaweed growers in Hinatuan, Surigao del Sur, it was only when the group was introduced to CEAMSA Asia that the buying price of RDS went up.

The direct marketing of RDS to the Plant has addressed the perennial problem of seaweed farmers on low buying price of RDS in the municipality. In 2018, the buying price of RDS in the locality was only at Php30- Php35.00/ kg. Despite of this, seaweed farmers continue to plant because they have no other source of income. Others delayed their harvest, while some totally stopped planting.

Through the collaboration of CODESPA, a Spanish non-government organization



helping the seaweed farmers in the four barangays of the municipality through the Seaweeds Enhancement Project, the FishCORAL Project, the Department of Trade and Industry (DTI) Caraga, and the Local Government Unit, buying price of RDS now is remarkably higher than before.

In a partnership meeting with CEAMSA Plant Manager Jose Arturo Evalle, HSWPA was given an open volume of RDS with up to 20 tons per month. He said, that per laboratory result, RDS in Hinatuan was very good with post-

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Conquering Market...

handling practices of RDS from the farm to their plant.

With the FishCORAL Project, seaweed farmers in Hinatuan who were used to dry their seaweeds on the ground, they are now using solar dryer that was provided for them by the project, thus improving the quality of raw dried seaweeds.

HSWPA is registered with the Department of Labor and Employment (DOLE) with Registration Number CARAGA-SDS-2019-06WA62.

Linking to Financing Institution

While the Hinatuan Seaweed Producers Association (HSWPA) has open access up to 20 tons per month of Raw Dried Seaweeds (RDS) by the CEAMSA Asia, it has been a challenge of the organization to meet its volume because of the lack of buying capital.

The Local Government Unit of Hinatuan has already provided Php900,000.00 additional buying capital to the organization. However, it is still inadequate to buy more RDS from seaweed growers.

One container van has the capacity to load 20 tons of RDS. In order to maximize the freight handling, it would be good for the organization to increase its loading capacity. However, they are



MAFISSCO General Manager Rho Cougee

limited to their buying capital.

Through the FishCORAL project, HSWPA has now the opportunity of buying unlimited RDS and could ship to CEAMSA even at least twice a month. This came after the partnership meeting with the FishCORAL Project and the Mangagoy Farmers and Fishermen Cooperative (MAFFISCO).

The cooperative has already expressed interest in providing buying capital to the organization.

A partnership meeting is scheduled on March 2021 between MAFFISCO and HSWPA for the details of collaboration. Once agreement is finalized, the two parties will execute a Memorandum of Understanding.

Dried Sardines of FishCORAL supported POs, market-ready

*by: Marisol D. Tusso, MM
Institution and Gender Officer*

Dried sardines of People's Organization supported with fish solar dryers in the Butuan Bay are now market-ready.

Caloc-an Sustainable Fisherfolk Association (CSFA) and other fish drying People's Organizations in the nearby municipalities supported by the Project will have their test market of 100 kg dried sardines on March 2021.

Through a partnership meeting with Mangagoy Farmers and Fishermen Cooperative (MAFFISCO) and the FishCORAL Project, General Manager Rho Cougee signified they will extend their support in the Butuan Bay for the dried sardines.

Dried sardines is of high demand in Surigao del Sur. Even fresh sardines from the Butuan Bay are regularly transported in Mangagoy, Bislig City, Surigao del Sur, where MAFFISCO is located.

Cougee even encouraged fish drying POs supported by the project to increase their frequency of drying. He added, they are ready to buy dried fish and will help in the distribution.



MAFFISCO allocates more than Php2 M fund to support POs with solar dryers in Bislig

At least four People's Organizations that are recipient of the fish solar dryers in Bislig City, Surigao del Sur are now with ready financial assistance from the Mangagoy Farmers and Fishermen Cooperative (MAFFISCO).

In its meeting of the Board of Directors and Management, the body approved Resolution No. 13 Series of 2020, "providing financial assistance to small fishermen association for their livelihood projects and allocate funds thereof."

MAFFISCO General Manager Rho Cougee said, the financial assistance will be in the form of processing materials and equipment that People's Organization would need in the drying of their fish.

He added, MAFFISCO is just waiting for the completion of the collapsible fish dryers of the FishCORAL Project for the members to start drying.

These organizations are located in

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MAFFISCO has...

barangays Cumawas, Bonggaitan, Labisma, and Caramcam.

Aside from financial assistance, MAFFISCO will also buy all the dried fish that the PO can make.

Cougee said, the Board Resolution aims to alleviate poverty to marginal fisherfolk and their families.

The funding assistance will be taken from the funds that MAFFISCO has received from the Villar Foundation Sipag Award. **(Marisol D. Tusó, Institution and Gender Officer)**



Seaweed Farmers in Hinatuan, Climate Resilient

Only 6,400 kg of Raw Dried Seaweeds (RDS) were shipped by the Hinatuan Seaweeds Producers Association (HSWPA) last January 30, 2021.

This is a reduction of almost half of the volume that the organization used to ship in an average monthly.

HSWPA Rizalito Mamayabay said, this is because a larger area of seaweed farm were washed out when typhoon Vicky hit the municipality.

The typhoon was indeed a disaster to the

seaweed farms. However, farmers were ready before the calamity as they insured their farmers before they started.

Municipal Agriculturist Severina Porre said, they have strengthened the campaign for linking farmers and fishers to the Philippine Crop Insurance Corporation (PCIC) and the Municipal Agriculture Office is on top of this even during annual renewal of registration.

With insured seaweed farms, the PCIC is set to release Php1.2 Million insurance coverage to 84 growers. **(Marisol D. Tusó, MM, Institution and Gender Officer)**

Saving Mobilization Groups in Caraga expand, hit Php11.17 M

Saving Mobilization Clubs in the Caraga region continued to rise despite the pandemic brought about by the COVID-19.

While the fishery sector is affected by the health crisis, fishers in the covered areas of the Fisheries, Coastal Resources and Livelihood (FishCORAL) Project in the region still managed to save and help one another during emergency situations.

From 32 last year, Saving Mobilization Clubs in the region have already reached to 47 and have even expanded to other neighboring barangays.

A Saving Group in barangay La Union, Cabadbaran City have inspired teachers in the nearby barangay to save. Through the transfer of knowledge, the La union Fisherfolk Women Organization have encouraged teachers to save. On the other hand, the Tolosa Fisherfolk Association, Incorporated of the same city, have also inspired the Barangay Agriculture and Fisheries Council (BAFC) to save. Moreover, the Municipal Agriculture Office of Jabonga in Agusan del Norte have also replicated the Savings Mobilization to the farming sector, inspiring two groups in barangays Baleguian and Cuyago.

At least two People's Organizations with Saving Mobilization have created another group.



These are Punta Fisherfolk Seaside Dwellers Association in Tubay and Bolo-bolo Farmers and Fisherfolk Association in Jabonga, all in the province of Agusan del Norte.

While the economy is badly hit by the pandemic, the Saving Mobilization have helped fishers for their basic needs, pay for tuition fee of their children, and support for their production capital. Members who are sick or died also received social insurance from the organization through the Social Fund generated from the Saving Mobilization.

“It has really helped us during emergencies. We are able to support our members. When someone is sick, we give them Php500.00,” Janice Patalita shared.

To date, a total of Php11.17 million saving is recorded for all Saving Mobilization Clubs benefitting 1,537 fishers. At least 70%

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Saving Mobilization..

of the members are women which gave them the opportunity to help their family.

Membership of the Saving Group are expected to increase with inspiring stories from those who have benefitted from the

weekly saving and credit.

Enrico Papa, Chairperson of the Lawigan Sowa Farmers and Fisherfolk Association in Tubay, Agusan del Norte, said many are still interested. They will be accepting new ones in the next cycle. (Marisol D. Tuson, MM, Institution and Gender Officer)

BBDA ON ITS WAY TO SUSTAINABILITY

BUTUAN BAY DEVELOPMENT ALLIANCE FRAMEWORK

The Butuan Bay Development Alliance (BBDA) is now drafting its logical framework for all its programs and activities.

Guided by the BBDA's vision, mission, and goals, the Alliance is now identifying focused management areas. This framework will be the basis of the Alliance in fund sourcing from government organizations, non-government organizations, and private sectors.



BBDA OPERATION TEAM STARTS ANEW



The BBDA Operations Team started to report at the Baywide Management and Multipurpose Building (BMMB), the home of the Alliance. The team is headed by Executive Director Cristopher Rey Diaz Cadiz. He is supported by Program Coordinator for Fisheries Management Cesar Dalagon and Admin/ Finance Staff Kevin Dairo.

The appointment of the three staff was confirmed by Management Board Resolutions 12, 13, and 14 in the last January 21 and February 9, 2021 Board Meetings, respectively.

From surviving to thriving: A story of resourcefulness of fishing community

By: Ronald G. Camba, Livelihood Officer



Butuan Bay is considered as the sardines capital of the Caraga region. An annual average catch of more than 1,500 metric tons is recorded in the Bay (NSAP, 2016). Sardines accounted 70% of the total volume production in the last 10 years.

Sardines provide food, livelihood, and source of income to the marginalized fisherfolk, commercial fishing operators, and other stakeholders across the fisheries sector.

For fishers that rely on fishing and trading of fresh catch, it has been a dilemma during peak months of selling at a lower price of up to Php5.00 per kilo. Despite the situation, fishers still bore and endured with this reality just to

support their families and survive.

Members of the Caloc-an Sustainable Fisherfolk Association (CSFA) in barangay Caloc-an, Magallanes, Agusan del Norte find hope when the FishCORAL Project came.

Of welcoming new experiences and opportunities

In 2019, when the Project was introduced to the organization, they were able to develop new skills and find opportunities to grow.

Through People's Organization (PO) Revitalization, CSFA finds its way of strengthening their organization and its members.

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From surviving..

They then started the Saving Mobilization which provided them access to financing and social insurance among themselves.

They were also trained on Business Management and Record Keeping which aided them on how to manage their fund, take sound financial decision, and run the business properly.

Other than this, the project has also allowed them to undergo trainings on fish processing and dried sardines production. This was to capacitate or enhance their skills in producing quality and marketable dried sardines through modern, innovative, efficient, and sanitary processing.

With the help of the FishCORAL Project, the members were able to gain new experiences such as their exposure to capacity-building activities, which also brought along an opportunity for them to enhance their skills and equip them with additional knowledge.

The ability to find a way

Although most of their raw materials and equipment were provided by the FishCORAL Project, not all livelihood inputs were delivered to the organization. Instead of adding fuel to the fire, the association found ways to address this problem and did not allow this to affect their production.

Members decided to purchase raw materials (sardines) from their Saving Mobilization while waiting for the raw materials from the Project and start processing of dried sardines.

Aside from their savings, they also availed loan through a micro-finance institution for additional capital in buying fresh sardines.

Because of the team's resourcefulness, they were able to process and produce 27 cycles of Dried Sardines Production.

Dried fish of the organization have been distributed in the neighbouring municipalities. Their product has even reached Bicol region when BFAR Caraga sent relief packs for the Typhoon Rolly victims, wherein instead of buying canned goods, the region bought local produce from the fisherfolk.

From surviving to thriving

No doubt, it took a long and tedious way for the Caloc-an Sustainable fisherfolk Association to reach where they are right now. But even so, the challenges they have experienced made them to become more innovative, determined, and resourceful.

Fom surviving..

In the long run, the organization aims to make their product known not just locally, but conquering export market as well. From the goal of only surviving and getting through each day, the organization now desires to grow and thrive more.

Navigating through the storm: Fisherfolks survive TD Vicky

When Typhoon Vicky struck Mindanao, the municipality of Jabonga was one of the affected areas in Agusan del Norte. Due to strong waves brought by the typhoon, many of the fishpots of the Bolo-bolo Farmers and Fisherfolks Association (BOFFA) in barangay San Vicente were damaged.

But with the members' teamwork and tenacity, the organization was able to stand amidst the calamity.



Getting ready for the rainy days

Months before TD Vicky brought wreckage in their community, BOFFA members would earn PHP200-300 household income from fishing in every four to five times a week.

With the provision of fish pot from the Fisheries, Coastal Resources and Livelihood (FishCORAL) Project, members were able to earn additional income of an average of Php1,000.00 per week.

At least 25 fishing individuals have directly benefited from this project, while the organization was able to generate share from the gross sales amounting to PHP63,986.52 in less than a year.

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Navigating...

The share will be used for operations, repair, and maintenance of fish pot units. With fish pot units damaged by the typhoon and strong waves due to habagat monsoon, the organization is able to support necessary funds for the repair needs.

Getting ready for the rainy days

Getting ready from the climate change risk, recipients have improved their fish pot units by using climate-proof materials. Instead of indigenous and fragile ones,

members used of PVC pipes as frames to their units sturdier and more resilient from possible damages brought by strong waves.

The typhoon might have caught the whole organization off guard, but it also paved way for the members to improvise their project and make it more sustainable and long-term.

SITE VISIT



BISLIG CITY

BACKGROUND

The city of Bislig is geographically located in the southeastern coast of the province of Surigao del Sur.

It is a coastal city with agricultural and fisheries among the prominent sectors.

In 2015 National Statistical Office census, the total city's

population is 94,535 where 70% are coastal residents.

Its coastal areas have various resources that support the livelihood of fisherfolk and coastal residents.

The city has 24 barangays, 12 of which are coastal barangays: Lawigan, Labisma, Tabon, Mangagoy, Cumawas,

Poblacion, San Fernando, Pamanlinan, Sibaroy, Bucto, Tumanan and Caguyao.

The coastal resources of the city have been used to sustain the livelihood of the city's constituents, especially the fisherfolk.

Several programs on Coastal and Fisheries Resource Management



Program had been undertaken by Local Government Unit with the partnership of national government through the Bureau of Fisheries and Aquatic Resources and with the cooperation of Non-Government Unit and Fisherfolks Organization.

The total land area of Bislig City is 40,503 hectares , wherein 21,518 hectares is forestland while 18,985 classified as alienable and disposable land. At least 80% of the A&D is suitable for agriculture and 20% is also suitable for aquaculture and bountiful of natural marine resources.

Bislig city has 8,607 hectares of marine water called Bislig bay excluding the 15 kilometers extended from shoreline, its coastline measured 34.80 kilometers including the white sandy beach of Hogonoy Island.

FISHERIES PROFILE

Bislig City is one of the producing cities of fishery commodities in Caraga Region for the last five years, in 2019 .

Bislig City produces 489.6 metric tons in capture fisheries and 145.0 metric tons in aquaculture. Capture fisheries

contributed the largest 70.3% fish production in which 88.3% is from commercial fisheries while 11.7% is from Bislig Bay or municipal/ city fisheries (based on CEEDO Fish Landing Monitoring and the City Agriculture Office fisheries profiling updates).

These data were obtained from two major fish landing centers located at Mangagoy Public Market fish landing area and PICOP Causeway Port at sitio Danipas, Barangay Labisma, and one minor also located at Poblacion, Bislig City.

A total of 14% population live in coastal barangay or it is about four thousand and 94% (4,094) are fisherfolks. The fishing industry directly employed roughly.

There are around 1,846 fishers in commercial fisheries while the municipal fisheries sector has accounted more than 3,058), respectively and 617 fishing boats.

Production Areas	Volume of Production				Estimated Value
	2016	2017	2018	2019	[Million]
Aquaculture – Fishpond & Fish Cages	97.5	76.8	72.1	145	15.9
Commercial Fishing Ground/Fisheries	472.2	564.9	599.4	682	76.2
Municipal Fisheries	99.4	92.6	95.8	104.3	7.3
Total	669.1	734.3	767.3	931.3	99.4

AQUACULTURE

The aquaculture production of Bislig City is quite drowning due to shortage in supply of quality fry or fingerlings from the hatcheries, large aquaculture industries today imported milkfish fry from Indonesia and distributed throughout the Philippines but can't still compensate the needs among local aquaculture operators, high cost of feeds and fish pond contamination due excessive application of conventional fertilizers resulting to acidic soil sedimentation and the infection of White Spot Syndrome Virus or WSSV affecting the production of crustacean species like shrimps, prawns and crab.

CAPTURE FISHERIES

Marine fisheries fish production has a large contribution to local economy by domestic and international export industry. This includes municipal or city fisheries and commercial fisheries which give a lot of employment and livelihood among fisherfolk communities. The 2019 capture fisheries production has a total of 564.9 metric tons, a little bit 16.4% higher than previous year. Top fishery products where came from commercial fisheries like tuna, marlin, sailfish and other large pelagic species.

Tuna and tuna like species are being sold in the local market and its neighboring municipalities but majority of this products will go to canning factories in General Santos City. Bislig City has 9 small-medium scale fishing boat operators currently operating 41 wooden commercial fishing boats and 29 three gross tonnage fishing boats engaging commercial fishing. Most of the fishermen where often used such following fishing gear like troll line, simple handline, multiple hook and line.

MUNICIPAL FIFERS

There are 1,058 registered fishermen which directly involved in sustenance fishing in municipal water. More fishers are coming from the Poblacion area, but the greatest number of motorized fishing boats are also coming from Mangagoy and Poblacion area .

Its fisheries resources had been supporting the livelihood of its fishers and the fish-eating population.

Common Fishing gear in the city fishermen being used are spear gun, hook and line, multiple hook and line, scoop net, cast net, gill net, fish/crab pot, push net, squid jigger, fish coral and others.

Total production of municipal/city fisheries in Bislig City from January – December 2019 reaches only 92.6 metric tons which is 6.84% lower compared 99.4 metric tons in 2018 (the downfall of municipal fisheries production is due to bad weather condition and the higher number of fishing effort exploiting over the resources. (Source: ICMP, Bislig City)

FISHERIES RESOURCES

Bislig Bay Area: 8,607 ha.
 Length Coastline: 34.8 km
 Coral Reef Area: 112 ha
 Sea Grass Area: 3,630 ha.
 Mangrove Area: 1,244 ha.
 Fresh Water: 3.5 ha.
 Brackish Water : 640.8 ha.
 Lake/Reservoir: 140 ha.
 Rivers: 449 ha.



Top Aquamarine Products

Yellowfin Tuna	Lobster
Bigeye Tuna	Milkfish
Skipjack Tuna	Prawn
Black Marlin	White Shrimps
Snapper	Mud Crabs
Sea Bass	Blue Crabs
Siganid Species	Seaweeds
Grouper Species	
Trevally	

FISHERIES DEVELOPMENT WORKFORCE

1 City Agriculturist
 1 Senior Agriculturist
 2 Fisheries Extension Workers
 1 Community Facilitator
 1 FDP-ICM Secretariat

Institutional Support to CFARMC and CFLET:

- 2 CFARMC (Chair/Secretary) hired as Job-Order
- 9 Bantay Dagat hired as Contract of Service/Job Order

MAJOR CONTRIBUTION OF CFARMC AND CFLET

- Supported the LGU Staff in the fisherfolk assembly in the dissemination of City Fishery Ordinance
- Apprehension of illegal fishers
- Installation of marker buoys to Marine Protected Areas/ Fish Sanctuaries
- Assist in the fisherfolk and boat registration
- Regular conduct of coastal clean-up and meetings





PO SITE VISIT

SAN ISIDRO FISHERFOLK ASSOCIATION

San Isidro, Bislig City

PROFILE

Livelihood Project: Tilapia Culture in Pond

Officers: 10
Male: 1
Female: 9

Total Project Cost: Php198,803.64
IFAD Cost: Php162,816.64
LGU Counterpart: Php19,000.00
PO Counterpart: Php16,987.00

Direct Household Beneficiaries:
19
Male: 2
Female: 17

Members: 19
Male: 2
Female: 17
IPs: 2

PO Assets:
Capital Build-up: Php5,400
Fixed Assets: water pump
fish pond

PO SITE VISIT



BUCTO AQUA MARINE ASSOCIATION

Bucto, Bislig City

PROFILE

Livelihood Project:
Polyculture in fish Cage (Milkfish/ Siganid)

Total Project Cost: Php521, 235.68
IFAD Cost: Php 427,239.68
LGU Counterpart: Php42,000.00
PO Counterpart: Php16,987.00

Members: 33
Male: 22
Female: 11
IPs: 3

Officers: 14
Male: 8
Female: 6

Direct Household Beneficiaries: 18
Male: 15
Female: 3

PO Assets:

Capital Build-up: Php28,600
Fixed Assets: Fish cage, pump
boat
Total Assets: Php206,440.00

Polyculture in Fish Cage Livelihood Project Management Team



Vision

Sa 2020, ang BAMA mopatigayon sa mga panginabuhing pangdagat susamang patigayong pang agrikultura nga magpataas sa produksyon ug abot sa matag membro sa pamilya ug moangkon sa kinatibuk-ang kaayohan sa asosasyon ug sa Barangay Bucto

Mission

Pinaagi sa panaghiusa ug panagsinabtanay, ang mga membro andam moatuman sa mga kasabutan ug buluhaton sa BAMA, molig-on, modasig ug morespeto sa katumanan sa mga balaod, palisiya ug plano sa asosasyon.

Objectives

- Moangkon ug hugot nga mopatuman sa fish pen/cage ug susamang proyekto (danggit, budas, ug uban pa) aron madugangan ang abot ug matubag ang panginahanglanon sa pamilya.
- Maghiusa, moapil ug motambong sa mga kalihokan sa BAMA aron matabangan sa pagpataas sa kasamtangang abot (income) sa matag membro ngadto sa 40% aron makapasayon sa panginabuhian.
- Magtigum ug pundo sa grupo aron makapatuman pa ug dugang proyekto sa grupo.





Magallanes

Demographic Data

Total Population:	21,205
Total HH:	4,164
Average HH Size:	5.16
Coastal Population:	14,368
No. of Barangays:	8
No. of Coastal Barangays:	5
Total Land Area:	4,991 ha.
Coastal length:	5.9 km
<i>Gender Roles in Fishing Related Activities:</i>	
Men, Women, & Youth are involved in fishing, mending nets, buying fishing supplies, and selling of catch	

Status of Resources

Municipal Water area :	44 sq. km
Number of Rivers:	8
Number of Creeks:	7
Municipal Mangroves:	80 ha.
Number of Mangrove Species:	19
No. of Rivers:	8

Municipal Fisheries

Total number of Fisherfolks : 900
Registered to FishR: 781

No. of Municipal Fishers:
Male - 250
Female - 5

Full-time Fishers: 80.65%

No. of Municipal bancas :
Motorized - 90
Non-motorized - 35

Number of Commercial Fishers
(Male/Female) - 7

Number of Commercial
fishing Vessels - 7

Major Fishing Ground:

Butuan Bay (Magallanes Municipal Water)

Fishing season:

Peak season - May to October

Lean season - November to April



Fisheries Sector Overview

Area of Fishpond:

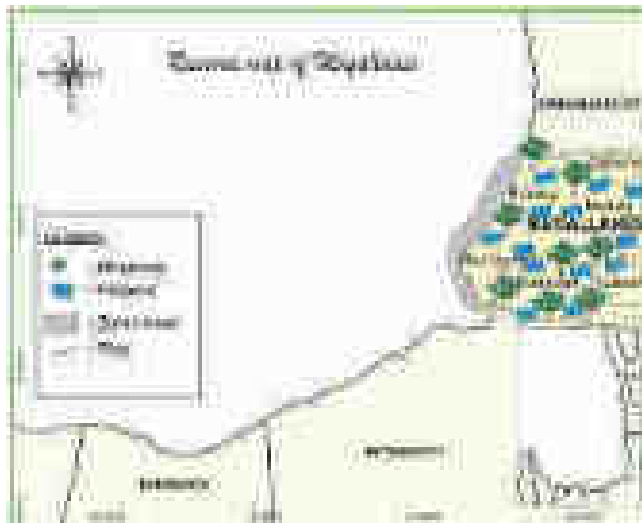
1. FLA - 706.3634 ha
2. Privately owned - 493.636 ha

Number of Operators:

- Private Fishpond Operators - 190
- Fishpond Operators covered by FLA- 16

No. of Fish Processors:

- Male- 5 (Dried fish)
- Female - 20 (Deboned bangus and dried fish)



Species caught	Estimated production (MT)
Sardines	100
Mullet	39.2
Tambalongga	14.4
Guano	15.04
Chital	8.04
Moonfish	2.18

Source: FGD MAC – September 2008

Project Support

Coastal Resources Management

- Construction of Watch Tower Project
- Patrol Boat

Livelihood Development

- 2 Units Upright Freezer- Caloc-An Sustainable Fisherfolk Association & Sto. Niño Rural Improvement Club
- 1 unit Chest Freezer- Guisan Fisherfolk Association (GFA)
- 2 units Portable Fish Dryer
- Polyculture of King Crab and Milkfish- Guisan Fisherfolk Association
- Deboned Milkfish Production- Sto. Niño Rural Improvement Club
- Dried Sardines Production- Caloc-an Sustainable Fisherfolk Association
- Savings Mobilization

Project Management and Coordination

- Motorcycle with helmet and tools
- Office and IT equipments



Barangay Caloc-an

Profile

Barangay Caloc-an at present is one of the progressive barangays in the town of Magallanes because of its aqua culture products.

The major means of living to support the family daily needs are shell gathering (*tuway and banisel*), crab catching and fishing prawn, fishing, fish processing. Production of nipa shingles, and other livelihood projects are also among the sustainable means of living to support the daily needs of the family.

Total land area: 2,700 ha.
Number of Purok: 10
Population: 4,474
Number of households: 846
Accessibility to Transportation: *land or sea by PUJ, van, tricycle, and boat*

Barangay Captain: Julius Perang

Caloc-an Sustainable Fisherfolk Association

Profile

President: Melinda A. Trajano
Address: P5-A, Barangay Caloc-an, Magallanes, Agusan del Norte

Date Organized: 2016

Total No. of members: 34

Male : 14

Female: 20

Male Youth: 3

Female Youth: 2

Female Senior Citizen: 2

Registration:

DOLE/No. 102-CARAGA-AND-RWA-11-2017

Bank Account:

Savings Account at Baug Carp

Beneficiaries MPC

Project Support

- Dried Sardines Production with Total Sales of Php 31, 495.00
- 2 units Portable Fish Dryer
- 1 Unit Upright Freezer
- Savings Mobilization: Php247,350.00



JABONGA BACKGROUND

MUNICIPAL

BACKGROUND

Jabonga is one of the oldest town in the province of Agusan del Norte, bounded by the municipality of Malimono on the North, by the municipality of Kitcharao on the Northeast, province of Surigao del Sur on the East, municipality of Santiago on the Southeast, municipality of Tubay on the South and the Butuan Bay on the West.

It has a total of 15 barangays where five of them are located along the coast of Lake Mainit, five are along the national highway, four are along the coast of Butuan Bay and another barangay is located 3 kilometers east of the national highway. Jabonga could be easily distinguished and identified if associated with Lake Mainit which is the fourth largest fresh water lake in the Philippines.

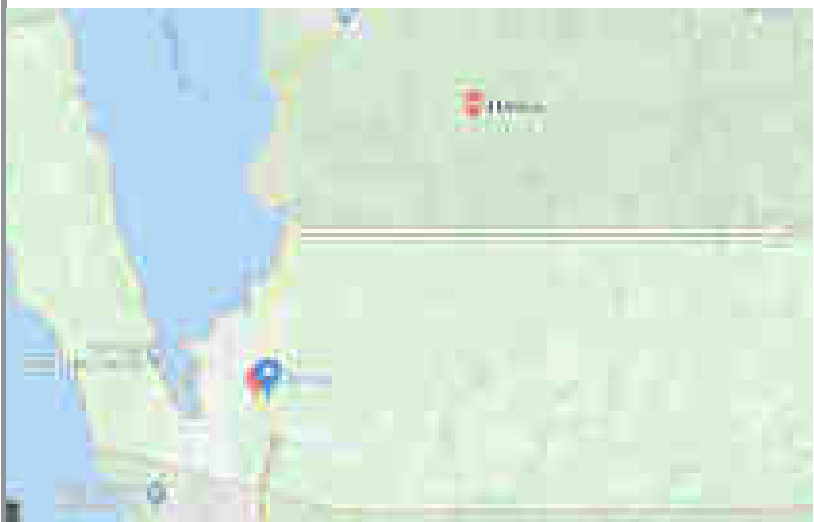
Mountains on its eastern and western boundaries embrace Jabonga. On the west side is the Malimono ridge, which separates Lake Mainit from the Butuan Bay.

Generally, peace and order situation is relatively normal due to the strengthened and functional Barangay Peace and Order Councils and the concerted efforts among Non-Government

Organizations (NGOs), National Government Agencies (NGAs), private entities, and Peoples Organizations (POs).

Sports and recreation facilities are available in the locality. The lake Mainit itself is a place for recreational activities like; boating, swimming, wind surfing and others.

Agriculture is the main economic activity of the most residents in the municipality. The major products are copra, rice, corn, root and tubers, assorted vegetables, and other high value commercial crops. Aside from cultivation of different crops, they also raise different species of poultry and livestock for meat and farm



animals that are used in the day to day operations in their farms.

Fishery is one also of the major source of livelihood and of generating income where 12 out of the 15 barangays in the municipality are directly or indirectly rely on fishing as source of their income. Data shows that there are 14 identified fresh water fish species in Lake Mainit and 26 marine fish species.

Jabonga is a 3rd class municipality blessed with abundant water supply from natural springs which serves as sources of potable drinking water and other domestic uses. The municipality is also potential for eco-tourism development and cultural heritage which may generate tourism revenues.

PROFILE

DEMOGRAPHIC PROFILE

Total Population:	23, 358
Coastal Population:	4,728
Land Area:	29,300 square meter
Municipal Waters:	2764,000 hectare
Length of Coastline	16 km
Length of Lakeshore	14 km
Number of Fishers:	1,497
Total Household:	4, 926
Average Number of Children:	4

FISHERY PROFILE

Total Barangays:	15
Total Coastal Barangays:	4
Sources of Income:	Fishing, Farming
Number of Fish Processing Plant:	1
Number of Male Employees	11
Number of Female Employees;	7
Average Daily Fish Catch	3.5 kg
Annual Fish Production	
Fresh Water:	386,051.3
Marine:	73, 583.6
Fishing Season:	
Peak Season:	April-May
Lean Season:	June-March

PROFILE

RELIANCE ON FISHING

No. of household engaged in fishing: 1, 497

Types of Fishing activities: processing, fish vending, and gleaning

Number of Fish Trader: 1

Number of Fish Buyers/Vendors: 7

Male: 5

Female: 2

Opportunities available for women: Sari2x store, fish vending, and planting root crops

Number of Fishers: 14, 720

Type of Fishing Gears Used:

Bottom Set Gill Net, Drift Gill Net, Cast Net, Spears, Hook and line, Fish Corral, Traps, Fishpot, and Cages



Other sources of income for fishers: Farming and Mining

Primary Products:

Coconut/Rice/Corn/root crops/fresh and sea waters

Fishing Grounds

Major fishing grounds:

Butuan Bay, Surigao Strait, Camiguin Strait

Species caught: Squid, Tuna, Flying Fish, Sardines

Minor marine fishing grounds:

Sto. Nino, Magdagooc, San Jose, and San Vicente

Species caught: Goby, Eel, Carp, Tilapia, Mudfish, and Shrimps



PROFILE

INSTITUTIONAL SUPPORT

MUNICIPAL FISHERY LAW ENFORCEMENT TEAM (MFLET)

Legal Basis: Executive Order No. 07

1 Unit patrol boat (FRMP), search light with 2 units

Patrol boat

Number of DFWs:

37 (Male: 31; Female- 6)

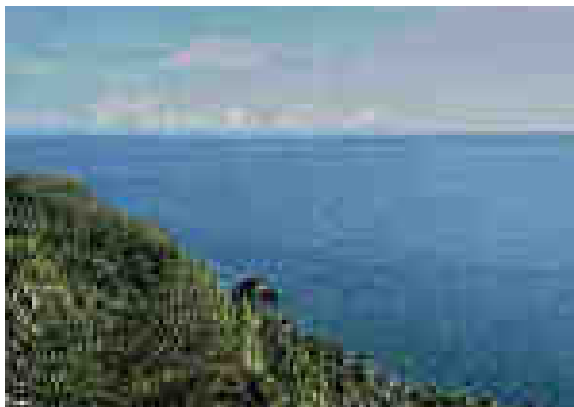
Law Enforcement Tool:

1 Unit patrol boat (FRMP), search light with 2 units

Patrol boat

Manpower Support:

- Bantay Dagat and Bantay Danao hired three enforcers stationed at the Watch Tower



MUNICIPAL FISHERIES AND AQUATIC RESOURCES MANAGEMENT COUNCIL (MFARMC)

Legal Basis: RA 10654

Composition:

MFARMC (coastal areas)

LFARMC (lake)

Chairperson MFARMC:

Rodrigo M. Masuhay

Number of Council Members: 9

Chairperson LFARMC:

Losantos M. Edilo

Number of Council Members: 21

MUNICIPAL PROJECT PROGRESS



- **Strengthened and sustained Municipal Fishery Aquatic Resource Management Council (MFARMC) with Lake FARMC**
- **Patrol Boat:**
 - **LGU provided support to procurement of accessories**
- **Construction of watch tower**
 - **supported with MOA defining responsibilities of the LGU and BFAR for the sustainability of the project**
 - **LGU hired three staff stationed at the watch tower**
- **CRM plan :**
 - **LGU has engaged a CRM expert from Caraga State University in the development of CRM Plan.**
- **Establishment of 2 Fish Sanctuaries:**
 - San Vicente Fish Sanctuary** as per Municipal Ordinance No. 153 (30 ha.)
 - Santo Nino Fish Sanctuary** as per Municipal Ordinance No. 154 (11.3 ha.)
- **Provision of Fish Pot to 4 People's Organizations**
- **6 Saving Mobilization Clubs with Php1.2 million Revolving Funds and Php984,000 million for Cycles 1 to 3**

ACKNOWLEDGEMENT



BFAR Regional Director:
VISA TAN-DIMERIN, CESO V

ARD/ FishCORAL Project Coordinator:
Edgardo P. Balambao

FishCORAL Regional Project Manager:
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Provincial Fishery Officer:
Rustico L. Ranoco
Noel C. Pugoy