



Fisheries, Coastal Resources and Livelihood Project **FishCORAL**

ANNUAL PROGRESS REPORT YEAR 2020



Fisheries, Coastal Resources and Livelihood (FishCORAL) Project

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PROJECT OVERVIEW

The Fisheries, Coastal Resources and Livelihood Project (FishCORAL) is a joint endeavor of the Government of the Philippines and the International Fund for Agricultural Development (IFAD). The Department of Agriculture is the executing agency with the Bureau of Fisheries and Aquatic Resources as the lead implementing agency. It has a total project cost of USD 43.045 million composed of an IFAD loan of EUR 27.31million or approximately USD 29.956 million, an IFAD grant of USD 0.60 million; national and local government counterpart funds of USD 12.38 million; and beneficiary contributions estimated at USD1.25 million.

The overall goal of the Project is to contribute to the reduction of poverty incidence in the coastal communities of the 11 target bays. The project will raise household incomes of target coastal communities through the sustainable management of the coastal and fisheries resources and implementation of community-based enterprises.

The Project targets 11 bays/gulfs in Region V in Luzon; VIII in Eastern Visayas; Region XIII and the Bangsamoro Autonomous Region in Muslim Mindanao (BARMM). The target bays are located in 14 provinces with 103 municipalities or cities bordering the bays/gulfs, with 1,098 coastal barangays. More than 180,000 poor households living in coastal areas will benefit from this IFAD-funded project. Implementation period will be for five (5) years from 2016 to 2020.

The Project has the following three components: (i) Coastal Resource Management; (ii) Livelihood Development; and (iii) Project Management and Coordination.

Part 1: OVERALL PROGRESS

The Overall Weighted Physical Accomplishment (OWPA) of the Fisheries, Coastal Resources and Livelihood (FishCORAL) Project stands at seventy-seven-point sixty-two (77.62%) against one hundred percent (100%) target as of December 31, 2020.

This report highlights major accomplishments for the year 2020. Key accomplishments include: (i) distribution and utilization of patrol boats and equipment; (ii) assistance to the municipal licensing system; (iii) support to the bay management councils; (iv) support to the fishery law enforcement teams and fisheries and aquatic resources management councils; (v) conduct of participatory resource and socio-economic assessment; (vi) approval of municipal water delineation ordinances and (vii) coastal resources management plans; (viii) deployment of fish sanctuary markers; (ix) installation of supplemental artificial

reefs and coral nursery unit; (x) stock enhancement activities; (xi) rehabilitation of mangrove areas; (xii) protection of seagrass areas; (xiii) construction of the bay management multi-purpose buildings, watchtowers, jetty port, solar dryers with storage warehouses and processing centers; (xiv) distribution of freezers; (xv) approval/implementation of livelihood projects and delivery of livelihood materials; (xvi) distribution of knowledge management materials; (xvii) provision of technical support and facilitation of strengthening activities to the people's organizations and savings mobilization clubs; (xviii) conduct of coastal resource management and livelihood related trainings; (xix) and implementation of aqua-based business school

Part II: PROGRESS OVERVIEW

2.1 Implementation Progress

The major activities are discussed per component.

Component 1: Coastal Resources Management (CRM)

Governance and Legislation

- Continuous support in the operations and activities of the Bay Management Councils (BMCs).
- The Project has continuously rendered assistance in the municipal water delineation (i.e. coordination with LGUs and NAMRIA).

CRM planning and LGU investment

- Support to the Local Government Units (LGUs) in the drafting, formulation and updating of the municipal CRM plans and initiated consultation meetings and dialogues with the SB members.
- CRM plans of 16 municipalities are integrated into the Municipal Development Plan (MDP).
- Utilization of the data extracted from the Participatory Resource and Socio-Economic Assessment (PRSA) terminal reports.

Law enforcement

- The Project has continuously provided support to LGUs in the formation, activation, reorganization, strengthening, and reinforcement of the Fisheries and Aquatic Resources Management Councils (FARMCs) and Barangay/ Municipal Fisheries and Aquatic Resources Management Councils (B/MFARMCs).
- Consultative meetings and dialogues with LGUs were held to discuss operations, plans, and issues/concerns on organizing/reorganizing and strengthening of FARMC and FLETs.
- Distribution of the 32 units patrol boats in Region 8 (27 units) and Region 13 (5 units) with sets of engines, monocular night vision, search lights, global positioning system and underwater cameras.
- Implementation of day and night seaborne patrol directed by the FLET using the patrol boats and equipment provided by the Project to support the Bureau's intensified campaign against Illegal, Unreported, and Unregulated fishing (IUUF). A total of 272 violators were apprehended.
- Assistance rendered to the 406 individuals in the fish and boat registration of BFAR.
- Facilitation of the Orientations and Trainings, and Planning Workshops and, Seminars.

Resource Management and Rehabilitation

- Installed 253 fish sanctuary markers covering 1,942 hectares of the 23 municipalities.
- Installed 632 units of artificial reefs in Regions 5 and 8.
- Deployed 11 coral nursery units in BARMM.
- Dispersed a total of 34, 650 pieces sea cucumber juveniles, 25, 800 blue swimming crablets, 8,755 abalone (*Haliotis asinina*), and 20,000 mangrove crablets in selected sites across the regions.
- Rehabilitated the 7.4 hectares of mangrove areas with 22,200 propagules in Maguindanao, BARMM.
- Additional of 19 hectares of sea grass beds in BARMM are protected.
- Conducted Mangrove Sustainability Workshop in Region 13 and Fish Sanctuary Management Workshops in Region 8.

Infrastructure and Equipment Support

- 1 BMMB in Region 8 constructed.
- 20 units watchtowers are constructed.
- 7 jetty ports with a total of 503.4 linear meters constructed
- Information technology equipment as support to LGU is distributed in Region 5.
- MPA Network equipment delivered in Region 13.
- Complete set of diving gears equipment is provided for the patrol operations of fish wardens in Region 5.

Component 2: Livelihood Development

People's Organization (PO) formation and strengthening

- Strengthening activities (through visitation and coaching, and provision of technical support to the People's Organizations (POs) in the implementation of their livelihood projects.
- Continuous support and assistance to the Community Savings Clubs in selected areas.
- Conducted the Organizational Development and Management (ODM) and Focus Group Discussions (FGDs) to the PO members and leaders in Region 5.

Livelihood sub-projects development and implementation

- Started the implementation of 214 livelihood projects on the ground.
- Conduct of livelihood activities and support to the livelihood project implementation.
- Materials and equipment were delivered for the different livelihood projects to augment the operation of existing and ongoing livelihood projects.

Infrastructure and equipment support

- 73 units of solar dryers and 3 units seaweed warehouse constructed.
- 12 processing centers were constructed.
- 144 units of freezers were provided to the LGUs and POs.
- Primary electric lines and transformers for the full operation of the Cortes Multi-Species Hatchery in Cortes, Surigao del Sur, Region 13 were installed.
- Construction of the one-storey acclimation facility in the Guiuan Marine Fisheries Development Center (GMFDC) in Region 8 were completed.
- Provision of hatchery equipment in support to Bubong Hatchery in Cotabato City, BARMM.

Aqua-based Business School with Gender and Climate Change Perspective (ABS-GCC)

- Adoption of the ABS-GCC as one of the approaches to support fisherfolk participation in dynamic fishery value chains. The implementation is ongoing in Region 8 (second cycle) and Regions 5, 13, and BARMM (first cycle). The ABS activities were halted and limited due to ECQ but with the easing of community lockdowns and the imposition of the new normal, several PO groups in the region have engaged again in the ABS. Protocols for health and hygiene standards were linked in the implementation. e.g ABS classes through online and on-air.

Component 3: Project Management and Coordination (PMC)

Monitoring and Evaluation (M&E)

- Preparation and submission of monthly and quarterly physical and financial reports to the oversight agencies. The Project's M&E system has been established and is available via google live document. It has regular reporting timelines, standard formats of reporting.
- Conduct of monitoring via online, calls, messaging, and emails as part of mitigating measure amidst pandemic. Onsite monitoring (regional level) on the operation of the livelihood subproject and the implementation of the CRM activities are also being conducted.
- Regular updating of M&E databank, Infrastructure Status live document, Over-all Weighted Physical Accomplishment (OWPA), Total Project Reach (TPR) Tracker, and Livelihood Monitoring Tool are constantly conducted.

Consultations, Meetings, Missions

- Spearheaded the FishCORAL 2020 Operational and Planning Workshop.
- Facilitated the International Fund for Agricultural Development (IFAD) Supervision and Implementation Support (SIS) Missions.
- PSCO facilitated the meeting (remote) on the ISM Agreed Actions and status of the 2020 Second Semester Quarterly Work Plan and Budget. Meetings were also conducted to discuss project updates, issues and concerns, recommendations, other matters related to Project implementation.

Knowledge Management (KM) and Management Information Systems (MIS)

- Published the AquaNegosyo Komiks (*Pagpapataba ng Alimango*) and distributed to the regions.
- Published articles regarding the initiatives of the RPMOs during the COVID19 pandemic.
- Translated the ABS Modules into Filipino language.
- Provided KM/advocacy materials to the beneficiaries, partner agencies and stakeholders.
- Circulation of Information, Education and Communication (IEC) materials on the technology on Tilapia and Lobster and conduct of IEC campaigns on the conservation and protection of municipal waters.
- Documentation of lessons learned, good practices, and innovations through write-ups, photos, and video continuously being done and uploaded to the official website of FishCORAL as well as being shared with the RPMOs and DA.
- Participation in the Agriculture Rural Development Knowledge and Policy Platform (ARDKPP)'s Technical Working Group Meeting via Zoom on United Nations Decade of Family Farming (UNDF) Philippines National Action Planning.
- Featured the implementation of activities of the FishCORAL-05 in the Agricultural Training Institute (ATI). The activity intends to recognize and popularize the various projects and services being catered by FishCORAL Project to coastal communities.

- Launched a Photography Contest dubbed as “Kulturang Bughaw ng Lokal na Baybayin: Cascade your Coastal Experiences through Photography” in celebration with the Fish Conservation Week 2020 and collaboration with BFAR-5.
- Reboot of the block time radio program “Hingyap han Parupangisda” in Region 8.
- Regular updating on the FishCORAL Official Facebook Page and website regarding the implementation of the Project (Publishing of infographics, posters, photos, articles, press releases, and news) and shared information from other fishery sites were being done. These activities intend to recognize and popularize the various projects and services being catered by projects to coastal communities.
- Maintenance and regular updating of the geo-mapping program specifically designed for the FishCORAL Project, the new Mapping List for the Livelihood GIS, the Database on report submission required oversight agencies, the livelihood monitoring live document, and the FishCORAL website.
- Scaling up of the MIS and M&E System for automation and the Remodeling of Total Project Reach document (Overall and per region) is being started.

Total Project Reach (TPR) Status

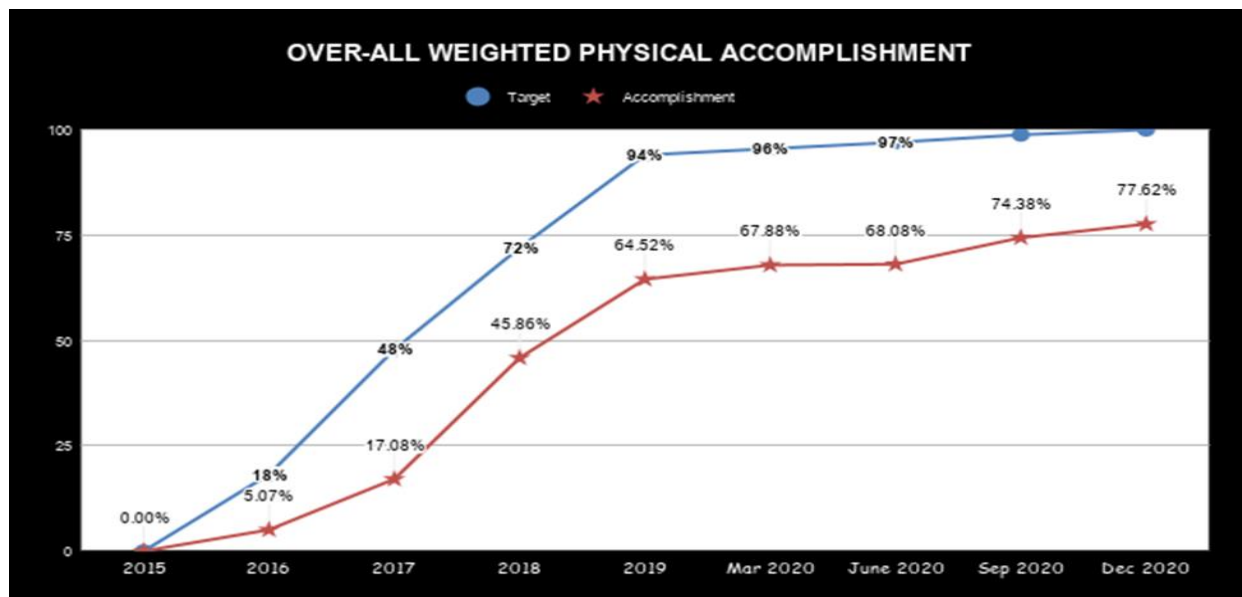
- The Total Project Reach (TPR) Monitoring tool is maintained and updated regularly. As of the period, the project has now covered 106,599 household beneficiaries out of the target outreach of 188,000 households. Also, of the targeted 90,596 households to be directly served by the project, the actual reach is now 22,823 households.

Part 2.2: Over-all Weighted Physical Accomplishment (OWPA)

Cumulative Status

The over-all weighted physical accomplishment has reached a total of seventy-seven-point sixty-two (77.62%) against one hundred percent (100%) target as of December 31, 2020.

Figure 1. Over-all Weighted Physical Accomplishment (OWPA)



Part 2.3: Fund Utilization

The cumulative obligation rate is at 93.8% for the IFAD loan, 88.4% for the government counterpart, and 33.7% for the IFAD grant. The cumulative disbursement rate for the IFAD loan is at 76.4%, 66.9% for the IFAD grant, and 78.4% for the government counterpart. The cumulative utilization rate for the IFAD loan is at 71.7%, 31.1% for the IFAD grant, and 66.9% for the government counterpart. See Table 1.

Table 1: Cumulative Financial Progress in Million Pesos.

CUMULATIVE FINANCIAL ACCOMPLISHMENT as of December 23, 2020										
PARTICULARS	PROJECT COST AND FINANCING	AUTHORIZED APPROPRIATION	ALLOTMENT	OBLIGATIONS	UNOBLIGATED BALANCE	DISBURSEMENT	UNPAID OBLIGATION	% (Obl/ Allot)	% (Disb/ Obl)	% (Disbursement/ Project Cost)
LOAN PROCEEDS	1,271,507,000.00	1,271,507,000.00	1,271,507,000.00	1,192,167,860.82	79,339,139.18	911,110,258.17	281,057,602.66	93.8%	76.4%	71.7%
MOOE	765,135,000.00	766,025,000.00	766,025,000.00	706,891,200.09	59,133,799.91	601,654,134.14	105,237,065.95	92.3%	85.1%	78.6%
CO	506,372,000.00	505,482,000.00	505,482,000.00	485,276,660.74	20,205,339.26	309,456,124.03	175,820,536.71	96.0%	63.8%	61.1%
GPH COUNTERPART	259,967,000.00	250,838,000.00	250,838,000.00	221,747,328.47	29,090,671.53	173,920,643.12	47,826,685.35	88.4%	78.4%	66.9%
MOOE	175,449,000.00	180,277,000.00	180,277,000.00	162,181,471.67	18,095,528.33	139,203,600.60	22,977,871.07	90.0%	85.8%	79.3%
CO	84,518,000.00	70,561,000.00	70,561,000.00	59,565,856.80	10,995,143.20	34,717,042.52	24,848,814.28	84.4%	58.3%	41.1%
GRANT PROCEEDS	29,000,000.00	40,083,032.36	40,083,032.36	13,497,592.24	26,585,440.12	9,027,836.97	4,469,755.27	33.7%	66.9%	31.1%
MOOE	29,000,000.00	40,083,032.36	40,083,032.36	13,497,592.24	26,585,440.12	9,027,836.97	4,469,755.27	33.7%	66.9%	31.1%
GRAND TOTAL	1,560,474,000.00	1,562,428,032.36	1,562,428,032.36	1,427,412,781.54	135,015,250.82	1,094,058,738.26	333,354,043.28	91.4%	76.6%	70.1%

The current obligation rate is at 72% for the IFAD loan and 61% for the government counterpart. The current disbursement rate for the IFAD loan is 40% and 39% for the government counterpart. See Table 2 for the Current Financial Accomplishment.

Table 2: Current Financial Progress in Million Pesos

FY 2020 FishCORAL PROJECT FINANCIAL ACCOMPLISHMENT SUMMARY as of December 23, 2020										
PARTICULARS	AUTHORIZED APPROPRIATION	ALLOTMENT	OBLIGATIONS	UNOBLIGATED BALANCE	DISBURSEMENT	UNPAID OBLIGATION	% (Obl/ Allot)	% (Disb/ Obl)		
CURRENT APPROPRIATION	93,177,000.00	93,177,000.00	63,390,443.73	29,786,556.27	36,638,672.90	26,751,770.83	68%	39%		
Loan Proceeds	63,023,000.00	63,023,000.00	45,093,331.14	17,929,668.86	24,955,042.64	20,138,288.50	72%	40%		
MOOE	56,353,000.00	56,353,000.00	44,993,366.85	11,359,633.15	24,955,042.64	20,038,324.21	80%	44%		
CO	6,670,000.00	6,670,000.00	99,964.29	6,570,035.71	-	99,964.29	1%	0%		
GPH Counterpart	30,154,000.00	30,154,000.00	18,297,112.59	11,856,887.41	11,683,630.26	6,613,482.33	61%	39%		
MOOE	29,263,000.00	29,263,000.00	18,138,226.15	11,124,773.85	11,683,630.26	6,454,595.89	62%	40%		
CO	891,000.00	891,000.00	158,886.44	732,113.56	-	158,886.44	18%	0%		
AUTOMATIC APPROPRIATION	8,979,048.00	8,979,048.00	2,164,500.00	6,814,548.00	1,871,795.80	292,704.20	24%	21%		
Grant Proceeds	8,979,048.00	8,979,048.00	2,164,500.00	6,814,548.00	1,871,795.80	292,704.20	24%	21%		
MOOE	8,979,048.00	8,979,048.00	2,164,500.00	6,814,548.00	1,871,795.80	292,704.20	24%	21%		
CONTINUING APPROPRIATION	24,127,263.68	24,127,263.68	17,447,261.19	6,680,002.49	10,640,075.35	6,807,185.84	72%	44%		
Loan Proceeds	18,696,813.83	18,696,813.83	13,425,569.81	5,271,244.02	7,200,137.74	6,225,432.07	72%	39%		
MOOE	8,863,891.81	8,863,891.81	7,991,427.64	872,464.17	5,621,474.09	2,369,953.55	90%	63%		
CO	9,832,922.02	9,832,922.02	5,434,142.17	4,398,779.85	1,578,663.65	3,855,478.52	55%	16%		
GPH Counterpart	5,430,449.85	5,430,449.85	4,021,691.38	1,408,758.47	3,439,937.61	581,753.77	74%	63%		
MOOE	3,252,973.83	3,252,973.83	3,156,909.82	96,064.01	3,151,206.39	5,703.43	97%	97%		
CO	2,177,476.02	2,177,476.02	864,781.56	1,312,694.46	288,731.22	576,050.34	40%	13%		
GRAND TOTAL	126,283,311.68	126,283,311.68	83,002,204.92	43,281,106.76	165,285,040.23	(82,282,835.31)	66%	131%		

Part III: PROJECT ACTIVITIES

Component 1. Coastal Resource Management (CRM)

This component aims to adopt an ecosystem-based approach to coastal resource management and among its interventions and activities that will protect both aquatic and coastal zone habitats including mangroves and coral reefs are through the adoption of the Bay Wide approach to the management of coastal resources through the active participation of Local Government Units (LGUs).

The intended outcome from the component is “*Fishing communities adopted sustainable management of the fishery and coastal resources*”:

Output 1: Capabilities of LGUs and fishing communities to enforce sustainable management of the fishery and coastal resources established.

Bay Management Council Formation and Strengthening

The Bay Management Councils (BMCs) that were formed, strengthened, and assisted by the Project served as a platform for several purposes including the enhancement of cooperation and partnership of various bays actors where commitments are needed in coastal resource management. They also assist in the integration of various plans into the bays mandate to foster and agree on a common development agenda for the bay and play an active role in formulating ordinances to regulate overharvesting of protected species and to resolve issues at LGU level.

Amidst the pandemic, the FishCORAL Project continuously supported the operations of the Councils through the assistance in the various activities such as facilitation during dialogues, consultations, and meetings, assistance in drafting of memorandum of agreements (MoAs), support in the registration to the Security Exchange Commission (SEC), and assistance in the drafting of the Council’s Manual of Operations.

The Council hold regular meetings to tackle and deliberate issues and concerns relating to protection, utilization, management and general administration of coastal & fishery resources. Refer below for the updates per council.

Region 5 (Albay, Asid, and Ragay Gulfs)

Albay Gulf Management Council (AGMC) - The council is active and has online group chat for regular updating of present and future activities. The council conducted its last meeting on February 4, 2020 with the mayor of Legazpi City after the Inauguration of the Council’s Bay Management Multipurpose Building (BMMB). A suggestion to conduct the AGMDC meeting as soon as possible was indicated to tackle among the Alternate Permanent members the concerns on the approval of the Management Plan for the BMMB and watchtowers, policy for collecting fees, the status of LGUs fund transfers, and implementation of subprojects, both livelihood and infrastructure projects. Likewise, to discuss the CRM Plans as the basis for the conduct of the adoption of the Bay Wide Investment and Sustainability Plan for Albay Gulf as well as its passage to Sangguniang Panlungsod and Bayan. The said meeting will only require a small number of participants (maximum of 25 participants) to observe social distancing and other health protocols. Also, The Municipal Mayor of Sto. Domingo, Albay already signed the SEC

registration document last September 11, 2020, while the same document is still for signature by the LCEs of Sorsogon City, Manito, and Bacacay. The SEC Registration is on-going with 90% completion.

Asid Gulf Management Council (AsGMC) - The Council has drafted Unified Ordinance and presented 2 possible logo layouts for the Council's approval. Its Memorandum of Agreement was already signed by the Local Chief Executive of Cawayan. On the other hand, the SEC registration is on-process (securing the required documents prior for the registration). The proposed meeting for the Asid Gulf Management Council (AGMC) was postponed due to the unavailability of the LCEs and alternate representative, hence, the next meeting was rescheduled for October 2020, with the following agenda to be discussed: a) Schedule of the ceremonial turnover of all subprojects thru tripartite agreement; b) Approval of AGMC Manual of Operation; c) SEC registration application and; d) Finalization of the adoption of Unified Fishery Ordinance and CRM Bay wide Investment Plan.

Ragay Gulf Management and Development Council (RGMDC) - The documents for SEC registration were already signed by all of the LCEs members with the facilitation and assistance of the RGMDC Secretariat. A meeting was scheduled to discuss the following: a) BMMB Management Plan vis-à-vis Bay Wide Investment and Sustainability Plan; b) Updates on the status of sub-projects (e.g., livelihood and other infrastructure projects); c) Agreement on the collection of fees from the twelve (12) LGU members in which the collected amount will be used as the council's initial fund; d) Update on the status of the Project especially on the issue on the intrusion of other commercial fishing vessels in the Fish Sanctuary and Marine Protected Areas, and e) Action planning for the next five (5) years of the council. However, it was postponed due to the Luzon Enhanced Community Quarantine.

Region 8 (Silago to Cabalian Bay, Leyte Gulf, Matarinao Bay, Maqueda and Villareal Bays)

Alliance of Seven for Integrated Coastal Zone Management (A7 for ICZM) - The MOA was already amended and is being signed by the seven member LGUs. Two LGUs, Guiuan and Mercedes, have already signed the amended MoA, and for signature with the mayor of Salcedo. The fourth Executive Committee Meeting of the A7 for ICZM was convened through the assistance of Guiuan Development Foundation Inc. as the lead organization acting as Secretariat of the Council held last October 21, 2020. The agenda tackled are the amendment of the A7 MoA, updates of the FishCORAL Project, status on the adoption of the Uniform Municipal Fisheries Ordinance (UMFO), and the financial status and distribution of billing receipts to member municipalities, among others. The meeting was attended by the municipal mayors, Sanguniang Bayan (SB) Committee Chairman on Agriculture and Fisheries of Giporlos, Quinapondan, and Guiuan; and representatives from Bureau of Fisheries and Aquatic Resources -VIII.

Integrated Fisheries and Coastal Resources Management Council for Matarinao Bay (IFCRMC-MB)- The finalized Memorandum of Agreement (MoA) for the reestablishment of the MBMC was furnished among Local Government Units (LGUs) of Matarinao Bay for their comments and suggestions and still under review among the four LGUs of Matarinao Bay. The Project is targeting the first quarter of 2021 for the revision of the MoA. Once re-established, the Council would be renamed Integrated Fisheries and Coastal Resources Management Council for Matarinao Bay (IFCRMC-MB). The LCEs of Hernani and General MacArthur have signed the MoA, while the remaining two LGUs of Salcedo and Quinapondan have not yet provided their feedback on the MoA.

Alliance of Local Fisheries and Aquatic Resources Management Development Council (ALFARMDC)- The Council was officially re-established after the signing of memorandum of agreement. Moreover, several meetings were conducted to discuss the implementation of its planned activities. For the reporting period, an online meeting with member-LGUs of the ALFARMDC was conducted last October

27, 2020. The ALFARMDC MoA has already been signed by the municipal mayors of the 10 LGUs, including the Provincial governors of Leyte and Samar, and the regional directors of DENR, DILG, and BFAR. The group agreed to meet again to discuss the primary linear delineation and planned to invite a representative from NAMRIA again to finally resolve the boundary disputes.

Alliance of LGUs in Samar Bays and Channels (ALSBACH) - The first quarter meeting was held at Balay ha Baybayon on February 27, 2020 which presented the status of delineation of the municipal waters; discussed the Memorandum of Understanding for the protection, management, and resource utilization of Bukalan River covering San Sebastian, Paranas and Hinabangan; tackled the proposed project for endorsement of ALSBACH to the concerned agencies and contribution per LGU. The next meeting scheduled for ALSBACH was postponed indefinitely because of the restrictive quarantine being imposed in the region.

Pacific Alliance of LGUs for Marine Resources Development Council (PALMDevC) - A meeting will be held to: (1) elect officers; (2) present PRSA results; (3) discuss delineation of municipal waters; (4) discuss strengthening fishery law enforcement, and (5) determine schedule of presentation of draft CRM Plan to the Sangguniang Bayan; Proposed meeting on February 28, 2020.

Region 13 (Butuan Bay and Lianga-Bislig-Hinatuan Bays)

Butuan Bay Development Alliance (BBDA) -The BBDA conducted its meeting last November 19, 2020. The BBDA Board Treasurer, Mayor Jovitte Calo of Carmen reported that LGU contribution already totalled Php 800,000 from the municipalities of Butuan City, Carmen, Tubay, and Nasipit. The alliance agreed to take a turn in reporting to the BBDA office while hiring for the Executive Director, Program Coordinator, and Admin/Finance Staff is going-on. Additionally, the RPMO assisted the BBDA in the signing of the Resolution No. 04 series of 2020 about the appointment of the Caraga State University (CSU) as the Secretariat of the BBDA Management Board for calendar year 2020 to 2022.

Coastal Community Alliance Unified for Sustainable Ecosystem (CCAUSE) -The Project has provided technical assistance during the online meeting of the Technical Working Group (TWG) held last September 11, 2020. During the meeting, the TWG has endorsed the Annual Work Plan and Budget for approval to the Board. Also, a discussion on the harmonization of the bay-wide unified ordinance on the regulation of lobster fry to the Fisheries Administrative Order (FAO) 265 was tackled. The LGUs need to submit their comments regarding the unified ordinance to give ample time for BFAR to further review and consolidate the comments.

BARMM (Illana Bay, Basilan Sea, and Sulu Sea)

Illana Bay and Sulu Sea Management Councils -The BMC meeting and training/workshop on the drafting of Basilan Bay-wide Management and Investment Plan and Unified Fishery Ordinance was conducted on December 28-30, at Zamboanga City.

Basilan Sea Bay Management Council (BSBMC) - The Project is continually assisting the Council in drafting its unified ordinances for the updating of registry of the municipal fisherfolk, patrol boats, and fishing gears.

Fishery Law Enforcement Teams (FLETs) and Fisheries and Aquatic Resource Management Councils (FARMCs)

Efforts toward improving fishery law enforcement and increasing the level of compliance among stakeholders are continuously directed by the FLETs with the support of the Project. Among the major accomplishments of these organizations are the decrease in illegal fishery activities and the intrusion of commercial fishers in the target bays. The FARMC on the other hand, have enabled the active participation of the small-scale fisherfolks in the fisheries management by assigning them certain responsibilities at the local level and recognizing their competence in decision and formulation of fishery policies,

Below are the activities administered by/to FLETs and FARMCs during the year:

Organization, Activation, Formation, and Strengthening of FLETs and FARMCs

- ✓ Activation of two (2) FLET in LGU Lianga, Surigao del Sur and Magallanes, Agusan del Norte.
- ✓ Creation of the Executive Number (EO) No. 57 Series of 2020 for the MFLET of Marihatag, Surigao del though the assistance of the Project.
- ✓ Formation of FLET in Bislig City through the Executive Order (EO) no. 21 series of 2019.
- ✓ Reorganization of FLET of Paranas, Samar last June 11, 2020.
- ✓ Creation and reactivation of the MFARMC in Villareal, Samar. The EO was already obtained.
- ✓ Spearheaded the reorganization of the Brgy.-FARMCs of Alimsog, Buhatan, Salvacion, Pandayan, Calayucay, Poblacion, San Isidro, and Cotmo of Santo Domingo, Albay, and San Fernando, Camarines Sur thru the office of the Municipal Agriculture Office.
- ✓ Obtained the Executive Order (EO) for the Ezperanza, Masbate.
- ✓ Creation and reactivation of the MFARMC in Villareal, Samar.
- ✓ Re-organization of the MFARMC in Salcedo, Eastern Samar with co-facilitation by the SIKAT Foundation Inc. and BFAR -VIII. The participants were also reoriented on the Fishery Administrative Order (FAO) 196.

Regular/Other Activities

- ✓ Facilitated the discussion on the elimination of the number of the commercial fishing vessel (CFV) that operate along municipal water of Libmanan, Camarines Sur particularly near the area of Fish Sanctuary. A meeting with the CFV owners was set to discuss possible solutions to the intrusion of commercial fishing vessels in the marine protected area of the municipality.
- ✓ Installed slogan posters in the established Marine Protected Areas (MPAs) of St. Bernard, Southern Leyte to encourage people especially those from the coastal Brgy.s to protect the fish sanctuaries to increase fish abundance.
- ✓ Participated in the Fish Conservation Week last September 14-18, 2020 with the theme: “Karagatan ay Pangalagaan upang Ani at Kita ay Makamtan sa Gitna ng Pandemyang Hamon sa Bayan” through the conduct of participatory coastal clean-up to the four (4) coastal Brgy.s in San Fernando, Camarines Sur.
- ✓ Participated in the coastal clean-up and beach forest planting during the Fisherfolk Day by Javier, Leyte-FLET members.

FARMC and FLET Meetings

Held consultative meetings and dialogues to discuss operations, plans, and issues/concerns on organizing/reorganizing and strengthening of FARMC and FLETs.

- ✓ Facilitated the meeting in Hinundayan, Southern Leyte (Region 8) last March 06, 2020 regarding the LGU’s application to BFAR’s 2020 *Malinis at Masaganang Karagatan* National Search for Outstanding Coastal Community Program. The fisherfolk associations that are willing to engage in community savings mobilization were also identified during the meeting. The associations from Brgy.s Sabang and Lungsodaan, Hinundayan expressed their interest in the said activity.
- ✓ Conducted FLET meeting last June 04, 2020 between the municipal mayor and fisherfolk of Saint Bernard, Southern Leyte. Among the agenda discussed were the following: (i) continuous fisherfolk

registration & renewal of fishing permit; (ii) allowable length of fishing net of 200 meters with mesh size of 3 centimeters or bigger; (iii) banning on capture of immature yellow-stripe scad/salay and round scad/lambiyaw with P2,500.00 penalty; (iv) licensing of fishing gears; (v) permit on the use of hook and line when fishing outside the municipal waters of Saint Bernard or within Silago- Cabalian Bay, while fisherfolk using fishing nets are required to secure fishing permit from other municipalities; (vi) registration of commercial fishing vessels with BFAR, and (vii) continuous planting of mangroves to increase fish abundance.

- ✓ Spearheaded the first monthly meeting since the implementation of the GCQ in Hinunangan, Southern Leyte. Among the agenda discussed were the following: (i) the Fisheries Administrative Order No. 208 series of 2001 which mandates the conservation of rare, threatened and endangered fishery species; (ii) MFLET Law Enforcement update; (iii) marking/bordering of the five (5) fish sanctuaries; and (iv) information, education and communication (IEC) on Republic Act (RA) 8550 as amended by RA 10654.
- ✓ Conduct of monthly meeting spearheaded by the MFARMC of Hinundayan last October 9. Among the agenda discussed were the distribution of fourty (40) units digital weighing scales given by the Project for the selected fishermen and fish vendors of the municipality and the formation of Community-Managed Savings and Credit Association (COMSCA) in Brgy. Sabang, including the FLET's seaborne reports and renewal of fishing permits.
- ✓ Conducted the MFARMC meetings in Saint Bernard, Southern Leyte (Region 8) concerning the renewal of boats and fisherfolk licenses and the presentation of the PRSA results citing the municipality's low coral cover.
- ✓ Conducted a meeting and oath-taking of the newly elected officers and committee members of FARMC-Salcedo, Eastern Samar. The committee agreed to: finalized their schedule of regular meetings; revisit the municipal ordinance to strengthen the licensing of fisherfolk, boats, and other fishing gears; formulate the Vision/Mission/Goal/Objective, policies, and plan for the data gathering to assess the status, issues, and concern of the fisherfolks. The MFARMC activity plan will be included in the 20% development fund for the calendar year 2021.

FLET and FARMCs Orientations, Training, and Seminars

To familiarize the fisherfolks on the laws covering aquatic resources, an orientation to fishery laws was done in partnership with the LGUs.

- ✓ Radiotelephone Operators Seminar (November 24 and 25; December 1-3, and 9)- Conducted the Radiotelephone Operators Seminar to orient the participants on the pertinent laws and regulations regarding on the issuance and use of handheld radios, traffic handling procedures, and the operation of land mobile radio equipment last November 24 in BFAR 8; November 25 in Leyte and Samar; December 1 in Villareal Bay; December 2 in Silago-Cabalian Bay; December 3 in Maqueda Bay; and December 9 in Matarinao Bay and Leyte Gulf. The activity was attended by 127 participants from various sectors, and the 38 LGUs covered by the Project. The National Telecommunications Commission (NTC) served as the lead agency in the conduct of the said seminar. Each participant was given Restricted Land Mobile Certificate that is valid for 1 year. To transfer the handheld radios to the MFLET members, the BFAR and NTC requested the LGUs to pay for the acquisition of Radio Station Permit as the user.
 - ✓ FLET and Bantay Dagat Training (December 9-10, 2020)- Facilitated of the FLET and Bantay Dagat Training in Malabang, Lanao del Sur with twenty-three (23) participants.
 - ✓ Fishery Law Enforcement/Bantay Dagat- Conduct of Fishery Law Enforcement/Bantay Dagat Training held in the following municipalities:
 - a) Kapatagan, Lanao del Sur- With thirty (30) participants from the coastal communities.
 - b) Picong, Lanao del Sur- Conducted FLET Training last October 7-8, 2020 with 36 participants.
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- c) Esperanza, Masbate- Conducted last July 14-16, 2020. There were twenty-four (24) graduates who were deputized by the municipal mayor. The team will receive a P1,000 per month honorarium from the LGU.
- d) Datu Odin Sinsuat and Sultan Kudarat, Maguindanao last August 17-20, 2020. Training and discussion on the important concepts on the basic biology and ecology of coastal resources management, the legal basis for the establishment of Bantay Dagat, the roles and responsibilities, laboratory procedures for preservation of samples and boarding procedure.
- e) Balabagan, Lanao del Sur- Conducted last September 1-2, 2020. The training conducted to facilitate the law enforcement of the ten (10) coastal Brgy.s and to increase the knowledge of the participants in procedures and scientific method of apprehension. The CRM Officer of RPMO-BARMM together with the resource speakers had conducted a separate meeting with the Mayor of Balabagan to discuss the sustainability of the Bantay Dagat Team. The Municipal mayor assured that an executive order will be passed for the deputization of the trained coastal law enforcers.
- f) Virtual FLET Training by the LGU of Sipocot, Camarines Sur in partnership with BFAR-IV which was participated by 21 participants last September 2020.
- ✓ Orientation and organization of Integrated and Provincial Fisheries and Aquatic Resources Management Council (I/PFARMC) (November 19, 2020)- Facilitated the conduct of orientation and organization of Integrated and Provincial Fisheries and Aquatic Resources Management Council (I/PFARMC) last November 19, 2020, at Lucas Wharf, Bo-ao, Catbalogan City. After the orientation, the formulation of fishery management development plan 2021-2022 was done.
- ✓ FLET Formation and Skills Development Training- 2 batches (January 29-31, 2020 and February 4-7, 2020)- Two batches of FLET Formation and Skills Development Training were conducted in Sorsogon, Albay (Region 5) and Tandag, Surigao del Sur (Region 13) last January 29-31, 2020 and February 4-7, 2020 respectively to equip the enforcers with skills and discipline in safeguarding the aquatic resources and to enhance their capabilities in conducting seaborne operations. Highlighted output of the activity was the formation of the Integrated Fishery Law Enforcement Team (IFLET) officers.
- ✓ FLET Planning Workshop (July 10, 2020)- Conducted in Salcedo, Eastern Samar the Planning Workshop that discussed the schedule of their operation in Leyte Gulf and Matarinao Bay and the assignment of the members who will be involved.
- ✓ Orientation on the Fishery Laws of the Bantay Lawa in Lake Bito (September 9-10, 2020)- Conducted in Brgy. Villa Imelda, MacArthur, Leyte the orientation on the Fishery Laws of the Bantay Lawa in Lake Bito and was participated by the fisherfolk, Brgy. officials, and SB Committee Chairperson on Agriculture and Fisheries. The Municipal Ordinances No. 2, Series of 2019 (an ordinance prescribing rules and regulations governing the construction, establishment, or operations of fish pens, fish cages, fish traps, and hatcheries in the inland bodies of water of Macarthur, Leyte) were discussed. Also, salient features of the RA 10654 (an act to prevent, deter and eliminate illegal, unreported, and unregulated fishing, amending Republic Act no. 8550, otherwise known as “The Philippine Fisheries Code of 1998,) including the roles, responsibilities, and liabilities of FLET members and Manual of Operation were and tackled. Recommendations include the implementation of a unified ordinance among the Brgy.s adjacent to lake Bito (Villa Imelda, Danao, and Pongon); a landing site for the resources taken from the lake to effectively monitor and implement fishery laws; installation of guard towers in the three Brgy.s; and deputize trained fisherfolk in the three Brgy.s as Bantay Lawa to help combat the illegal fishing and rampant theft on the fish cages installed at Lake Bito.

Provision of materials

The following information materials were distributed:

- FARMC Level of Development booklets

- Filipino version of RA 10654 (An Act to Prevent, Deter, and Eliminate Illegal, Unreported, and Unregulated fishing, amending Republic Act 8550); and
- FLET accessories (such as long sleeves) for the identification of law enforcers during operations

Seaborne-operation and law enforcement/ Surveillance activities

In Region 5, the FLETs of Pasacao, San Pascual, Libmanan, Del Gallego, Minalabac and Rapu-Rapu, Albay were given certificate of recognition by BFAR5 thru the FishCORAL Project for its outstanding performance to combat illegal fishing activities in Bicol Region held during the celebration of the Month of the Ocean.

In Region 8, during the implementation of enhance community quarantine (ECQ), the FLET of LGU Jiabong monitors the boats entering their coastal areas and rejects any entry coming from other municipalities as a Covid-19 safety protocol. Apprehension activities were also temporarily ceased since the Philippine National Police (PNP) were busy with Covid-19 checkpoints and other activities. During that time, illegal fishing activities were few/limited and most fisherfolk are having a hard time marketing their products due to travel restrictions.

For Region 13, all the deputized fish wardens (DFW) received an honorarium from the LGU. Also, as a support to them, the DFWs in Nasipit, Agusan del Norte was absorbed as job order employees of the LGU.

The Fishery law enforcement organizations across the four regions manage to carry out seaborne operations/surveillance activities amidst the COVID-19 pandemic. The monitoring of boat entries and seaborne patrol operations continues in the four regions. Throughout this year, a total of two hundred seventy-two (272) apprehensions were recorded across the twenty-three (23) LGUs.

Delineation of Municipal Waters

The Project continuously assisting and supporting the delineation/delimitation of municipal waters. For this year, a total of six (6) LGUs in Region 13 (4 LGUs) and BARM (2 LGUs) have passed municipal waters zoning ordinances and certified by the NAMRIA.

Updates from Region 5

In Region 5, the draft copy of the Unified Fishery Ordinance for Albay Gulf was submitted to the National Mapping and Resource Information Authority (NAMRIA). The draft copy lacks data to determine coordinates regarding the political boundaries of two (2) adjoining LGUs and the Coastal Terminal Point (CTP). NAMRIA will provide support for the completion of said data. Additionally, the LGU of Manito, Albay thru the office of the Municipal Agriculture was assisted in a drafting request letter to NAMRIA regarding the issuance of approved municipal water certification and copies of technical description and map. The water delineation ordinance of LGUs of the Balatan, Bato, Libmanan, Lupi, Sipocot (Camarines Sur), San Pascual and Milagros (Masbate) were already approved and released by NAMRIA. The documents on technical delineation which are for the approval of LCEs are to be followed by the RPMO and bay leaders. Also, the Terms of Reference (TOR) for the zoning of the municipal waters in the LGUs of Ragay Gulf in Region 5 was prepared.

Updates from Region 8

The preliminary delineation and delimitation of municipal waters was conducted in Region 8. For Matarinao Bay, an agreement between the municipality of Quinapondan and Salcedo (Eastern Samar) was formed for the site validation of each coastal terminal points (CTP). The LGU representatives checked the site and obtained the coordinates for map plotting to be endorsed to the Sangguniang Bayan for the formulation of the ordinance adopting the CTP. Another agreement would be made between the municipalities of General MacArthur and Hernani to settle their boundary dispute. Both mayors agreed to discuss the matter in each time. The Panunubulon Island in Basey, Samar, which is a declared MPA

is being claimed by the municipality of Marabut, Samar which prompted the LGU to write a letter to NAMRIA and started a signature campaign. In Paranas, Samar, there is still no municipal zonation because of conflict of municipal water boundaries with their adjacent municipalities.

Updates from Region 13

For Region 13, another round of consultation and validation of common terminal point between Jabonga, Agusan del Norte, and Mainit Surigao del Norte will be conducted. The schedule will be set depending on the availability of the local chief executives and documents of Mainit to support their claim.

Updates from BARMM

The delineation for the remaining municipalities will be discussed once the new guidelines of BARMM on the municipal water delineation is finalized.

Patrol Boat Engines and Equipment

In support of the Bureau’s intensified campaign against Illegal, Unreported, and Unregulated fishing (IUUF), the Project has provided patrol boats to the LGUs, PFOS, and BFAR Regional Offices to be used in their regular day and night sea-borne operations. For the year, the project has already turned over a total of thirty-two (32) units patrol boats in Region 8 (27 units) accompanied by sets of engine, monocular night vision, and search light to the LGUs of General MacArthur, Guiuan, Quinapondan, Giporlos and Balangiga (Eastern Samar), Basey, San Sebastian, Marabut, Pinabacdao, Paranas, Villareal, Zumarraga (Samar), MacArthur, Javier, Palo, San Juan, Tolosa, Tacloban, Abuyog, Mayorga, Tanauan (Leyte), Anahawan, Saint Bernard, Hinundayan, Hinunangan, Liloan, and Silago (Southern Leyte) and additional five (5) units patrol boats turned-over to BFAR Regional office of Region 13 for their seaborne patrol operations. The LGUs of Balangiga, Giporlos, Guiuan, Liloan, Paranas, Jiabong, and Mayorga in Region 8 are still waiting for the procurement of their counterpart outriggers and other accessories. See Table 3.

Tables 3. Status of Patrol Boats

Region	Turned-over	Remarks
V	-	All patrol boats with equipment already turned-over
VIII	27	Turned over to LGUs
XIII	5	Turned over 5 units to BFAR Regional Office
BARMM	-	Remaining 5 units will be proposed for the year 2021 for the 4 provinces (4 units) and BFAR Regional Office (1 unit)
Total	32	

Reasons for non-operational patrol boats

Reasons for non-operation ranged from lack of LGU allocation to provide the counterpart to complete the patrol boat apparatus/accessories, damages to these boats caused by typhoons, and some needed repairs. The Project will lobby for funding counterpart from the LGUs in the operation and maintenance of patrol boats for inclusion in the LGU Annual Investment Plans (AIPs).

Steps taken/to be taken

In BARMM, the project team has already sent a demand letter to the contractor requesting the repair of the patrol boats. Some municipalities, such as Parang, Maguindanao, and Kapatagan, Lanao del Sur have taken the initiatives in repairing the damaged patrol boats. For areas with underutilized equipment and inactive FLETs, the issue and corrective measures were supposed to be discussed through BMC in March 2020. However, due to the Covid-19 pandemic, the meeting was not pushed through.

In Region 13, the procurement of boat accessories is already ongoing. Also, the Municipal Agriculture Office of Buenavista, Agusan del Norte is still looking for boat fabricators to repair the defective unit. For Region 5 and 8, The Project is waiting for the discretion of the LGUs. The Project has already provided patrol boats to LGUs but the engines are yet to be installed. The LGUs are still waiting for the procurement of their counterpart outriggers and other accessories for the boats to be operational.

Equipment Distribution

Sets of equipment were also provided to the LGUs such as global positioning system devices (GPS), scuba gears, life vest, and underwater cameras fins, booties, buoyancy control device, goggles/masks, weights with belt, air tank with valve, reel accessories, regulator, snorkel, wet suit, and slate boards.

Support to Municipal Licensing System

For the reporting period, four hundred six (406) fisher folks from Daram, Samar and Guiuan, Eastern Samar in Region 8 and Butuan City, Agusan del Norte in Region 13 were assisted by the local government unit and by the Project in the registration systems of BFAR (FishR and BoatR).

Bay Management and Multi-purpose Building (BMMB)

The BMMB located in San Juan, Southern Leyte was completed this year. To sustain the functionality of the BMMB, concerned LGUs have allocated counterpart funds for the repair and maintenance of the buildings.

The Butuan Bay Development Alliance (BBDA) Board Management agreed to assign personnel who will daily man the BMMC in Butuan City. The daily shifting of personnel from member LGUs started last November 22, 2022.

Also, the procured office furniture and fixtures such as conference table, chairs, and air-conditioning unit were already installed in the BMMB of San Juan, Southern Leyte (PALMDEVCO), Butuan City, Agusan del Norte (BBDA) and Lianga, Surigao del Sur (CCAUSE). For Quinapondan, Eastern Samar (A7 for ICZM), the building was already installed with water and electricity connections. Document such as a memorandum of agreement for the operation and maintenance of the building is also being prepared.

Municipal Watchtowers

A total of twenty (20) watchtowers (Region 5-7; Region 8-9; Caraga-3; BARMM-1) were constructed within this year. These are located in Milagros, Balud, Esperanza (Masbate), Pasacao, Del Gallego, Lupi (Camarines Sur), and Prieto Diaz (Sorsogon) in Region 5; Hinunangan, San Juan, Hinundayan, Saint Bernard (Southern Leyte), Tanauan (Leyte), Calbiga, Motiong (Samar), Mercedes, and Hernani (Eastern Samar) in Region 8; Magallanes (Agusan del Norte), Marihatag and Hinatuan (Surigao del Sur) and Region 13 and; Sumisip (Basilan) in BARMM. Inspection for these infrastructures were conducted prior to the turn-over. The FLETs utilized the said facilities in the monitoring of their municipal water.

There were five (5) units watchtowers ongoing of construction in the municipalities of San Pascual (Masbate), Talalora (Samar), Tago, and Bayabas (Surigao del Sur), and Tubay, (Agusan del Norte) with 90%, 40%, 30%, 80%, and 40% accomplishment respectively.

Additionally, the floating cottage requested by a bangus cage operator and CFARMC chairperson in Region 8 was completed for the monitoring of illegal fishing and as harvesting raft for the bangus cage

operators. The floating cottage was charged under the continuing budget for watch tower. See the table below for the status of watchtowers across the regions.

Table 4: Cumulative status of watchtowers.

Region	Completed	On-going	Remarks
V	7	1	Three (3) units are for construction in Rapu-rapu, Sto. Domingo, and Bacacay; Watchtower in Libmanan, Camarines Sur was phased down.
VIII	9	1	Five (5) watch towers are ineligible for download due to unliquidated previous DA and BFAR projects. LGUs were given ample time to address the concern but failed to comply, hence downloading of funds for the construction was forfeited.
XIII	3	3	The deputized fish warden and Military (in Sulu) regularly manned/utilized the tower.
BARMM	1	0	
Total	20	5	

Output 2: Municipal/city and bay-wide fishery and coastal resources management and investment plans implemented.

Participatory Resource and Socio-economic Assessment (PRSA)

Except for BARMM, the rest of the regions have completed the PRSAs and were used as reference information in the preparation of the respective municipal CRM plans. BARMM needs to expedite the completion of the PRSA to be useful before the end of the project completion. Below are the status of PRSA in each regions.

Region 5- In Region 5, the Bicol University presented the final result of the PRSA conducted in Albay, Ragay and Asid gulfs to the BFAR Bicol officers and FishCORAL Project staff. Also, the preparation of the Terms of Reference (TOR) and Cost Benefit Analysis for the conduct of Rapid Participatory Project Impact Assessment were done.

For the PRSA 2 in Region 5, an agency to agency contracting with the Bicol University which includes the rapid project impact assessment, municipal water zoning, and finalization of CRM plans is in the process already.

Region 8- The RPMO-8 is further reviewing the PRSA draft terminal report submitted by the Visayas State University (VSU). Meantime, the information provided in the PRSA terminal report submitted by University of the Philippines (UP) Tacloban and VSU was utilized by the Project during the CRM Planning and Fish Sanctuary Management Workshops in Region 8. The extracted data per municipality were also integrated in each CRM and MPA Management Plans. Issues identified will be the basis of the formulation of the strategic plan in each of the specific component.

Region 13- In Region 13, the PRSA Terms of Reference (TOR) was submitted to PSCO in which the PSCO already submitted the draft TOR to IFAD for approval. Also, the production of PRSA terminal report for Butuan Bay and Lianga- Hinatuan-Bislig Bays is now finished and ready for distribution to the eighteen (18) municipalities and cities of Region 13.

BARMM- MSU-Maguindanao have already submitted their PRSA initial progress report on the third quarter of 2020. They have also submitted a letter request for extension but was not able to continue the field activities in Lanao del Sur due to the growing number of COVID-19 cases in the province. As of the writing, the RPMO of BARMM have already sent a demand letter to MSU-Maguindanao for the submission of final terminal report.

For the PRSA in Sulu, the team is still facing difficulty to enter target areas due to the local travel restrictions. In the meantime, they've been conducting training (e.g. scuba diving, enumerators training) as preparatory activities and scheduled field activity in Patikul and Hadji Panglima Tahlil. The remaining activities in Basilan will resume on January 2021.

Table 5: Status of Participatory Resource and Socio-economic Assessment (PRSA)

Implementing Agency	Bay/Gulf	Remarks/Status
Region 5 (Bicol)		
Bicol University	Asid Gulf	Final report presentation done by Bicol University; PRSA 2 on its way to contracting.
	Ragay Gulf	
	Albay Gulf	
Region 8 (Eastern Visayas)		
Visayas State University	Silago to Cabalian Bay	The first PRSA of Leyte Gulf, Matarinao Bay, Maqueda and Villareal Bays, and Silago to Cabalian Bay have been completed in which the results were integrated into the Municipal CRM Plans.
UP Tacloban	Leyte Gulf	
	Matarinao Bay Maqueda and Villareal Bays	
Region 13 (Caraga)		
Mindanao State University (MSU)-Naawan	Butuan Bay	1st PRSA completed; hardbound terminal report distributed to covered municipalities. Waiting for the TOR for the 2nd PRSA from the PSCO.
	Lianga-Bislig-Hinatuan Bays	
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)		
MSU-Maguindanao	Illana Bay	The travel restriction imposed by the COVID-19 pandemic posed a major obstacle in the completion of PRSA.
MSU-Sulu	Sulu Sea	
11 Bays/Gulfs		

Municipal Coastal Resource Management Plans

The Project continuously assisted the LGUs in the drafting, formulation, and updating of plans in which sixteen (16) CRM plans were approved and integrated into Municipal Development Plan (MDP) within the year. Other CRM plans are on the different stage of formulation/ completion. The Project is also aiming to increase the LGU adoption of Annual Investment Plans (AIPs) for 2021. However, the travel restrictions posed by the CoViD-19 brought a major obstacle in the adoption of plans due to reduced Sangguniang Bayan meetings.

Two (2) CRM Plans were finalized for the municipalities of Calbiga and Jiabong, Region 8. As part of the plan to continue the preparation of the CRM plans amidst the pandemic, guide questions were

provided to LGUs for the purpose of obtaining additional data specially on the existing issues related to CRM. This will be integrated with the available data from PRSA. Additionally, the LGU of General MacArthur in Eastern Samar has finished answering the provided guide questions but limited information can be obtained from their responses. As such, facilitation in questioning or elaboration of the questions with LGU staff is needed to obtain the necessary information.

Updates of CRM Plans per Municipality

The Project initiated consultations and dialogues with the Sangguniang Bayan members and other key personnel for the formulation and updating of the municipal CRM plans. See Table 6 for the Status of the CRM Plans.

Table 6. Current status of Coastal Resource Management Plans

Region	Province	Municipalities	Status/ Remarks
V	Albay	Bacacay and Rapu-Rapu	CRM Plans drafted
	Sorsogon	Bacon District (Sorsogon City)	
		Prieto Diaz	CRM Plan approved
	Camarines Sur	Balatan	Endorsed to SB
	Masbate	Sipocot	CRM Plan approved
Placer			
VIII	Samar	Catbalogan, Calbiga, Motiong, Paranas, Zumarraga, Talalora, San Sebastian, and Jiabong	CRM plans drafted CRM Plans drafted
		Pinabacdao	CRM Plan presented to SB
		Villareal	CRM Plan drafted
		San Sebastian	Drafting of CRM Plan is on-going
	Leyte	Marabut	For drafting
		MacArthur, and Palo	
		Tacloban	CRM Plan drafted
		Mayorga, Dulag, Tolosa, Tanauan, and Javier	CRM Plans drafted
	Southern Leyte	Paranas	CRM Plan drafted
		Hinundayan, San Juan, Liloan, Anahawan, and Silago	
		San Juan	
		Hinunangan, Lawaan, Quinapondan, Mercedes, Saint Bernard, and Salcedo	
	Eastern Samar	Guiuan	CRM Plans being draft
		Balangiga and Giporlos, Gen. MacArthur	
		Abuyog	CRM plan presented to SB
		Gen. MacArthur, Hernani	CRM Plans for drafting

XIII	Agusan del Norte	Bayabas, Cagwait, Lianga and Bislig City, Buenavista, Tubay and Nasipit	CRM Plans approved and adopted
		Magallanes, Butuan City, Barobo, San Agustin, and Marihatag	CRM Plans endorsed to SB/P
		Jabonga	CRM Plan drafted
	Surigao del Sur	Hinatuan, Lingig, Tago, Carmen, and, Cabadbaran City	CRM Plans drafted
BARMM	Basilan	Sumisip	CRM Plan updated
	Sulu	Tongkil, Luuk, and Pangutaran	CRM Plans are updated and for SB approval

CRM Planning Workshops and Consultation Meetings

- a) **CRM Workshop**- A workshop was conducted last October 29, 2020, in Villareal, Samar and Tacloban, Leyte, last November 10-11. The results of the FGDs cited several environmental concerns, destructive fishing practices, and weak enforcement as primary concerns. The issues gathered, recommendations, and strategies formulated during the FGD will serve as the basis in the drafting of the CRM Plan.
- b) **CRM Planning Workshop**- Completed in the municipalities of Tinago, Calbiga, Catbalogan, and Jiabong (Samar) in Region 8 and was attended by the Brgy.s and LGU representatives, MENRO, and other stakeholders. The important provisions of the city fishery ordinances and city fisheries profile, including the current activities and proposed zonation plan as well as the resource mapping were discussed. Issues regarding the illegal cutting of mangroves, uncontrolled solid waste management, abandoned fishponds, natural calamity, uncontrolled destruction of seagrass, extinction of corals, and illegal fishing were identified. The corresponding strategies, specific activities, timeframe, and responsible persons were enumerated vis-a-vis pre-identified issues.
- c) **Consultation Meeting**- A consultation meeting for Abuyog CRM Plan formulation was conducted with the Municipal Planning and Development Office last December 2, 2020 at SB Conference Room, LGU, Abuyog, Leyte. The Municipal Planning and Development Coordinator presented their proposed budget in relation to the identified activities. Some of the identified major activities that has the bulk of the budget which will be sourced outside the LGU is the establishment of the proposed sanctuary and implementation of fishery-related livelihood projects including mangrove clam culture, salted mangrove clam processing, lobster culture, etc. Sustainable financing will also be integrated in the CRM plan.

Output 3: Habitats for fishery and coastal resources rehabilitated and established.

Fish Landing/ Jetty ports

Project was able to construct seven (7) jetty ports with a total of five hundred three point four (503.4) linear meters in Sto. Domingo (Albay)- phase 2, Villareal (Samar), General MacArthur (Eastern Samar), Cabadbaran City (Agusan del Norte), Cagwait (Surigao del Sur), Tongkil (Sulu), and Tabuan Lasa, (Basilan). The constructed jetty port is expected to benefit the nearby islands and coastal communities where the jetties are located. The infrastructure could help the coastal communities or other end-users in the docking of their boats, transfer of cargos like fishery products, and transit of passengers. Refer to the table below for the status of the jetty ports in the four regions.

Table 7. Cumulative Status of Jetty ports

Region	Location	Completed	Linear meters	Remarks
V	Sto. Domingo, Albay (phase 2)	1	18.7	Operational
VIII	Villareal, Samar	1	40	Completed
	Gen. McArthur, Eastern Samar	1	40	
XIII	Cagwait, Surigao del Sur	1	215	Operational
	Cabadbaran City, Agusan del Norte	1	54	
BARMM	Tabuan Lasa, Basilan	1	67.85	
	Tongkil, Sulu	1	67.85	
Total	7 Municipalities	7	503.4	

In Region 13, the completed jetty port project in Cagwait, Surigao del Sur is now subject to turn-over. The release for payment for the contractor is on process already and will be release upon the submission of required documents.

For BARMM, the jetty ports in Tongkil, Sulu, and Tabuan Lasa, Basilan are fully operational and utilized by the fisherfolks as loading and unloading areas for fishery and non-fishery commodities transported to the nearby municipalities of Maluso and Sumisip.

Mangrove rehabilitation Projects

A total of seven point four (7.54) hectares were planted with twenty-two thousand two hundred (22,200) propagules/seedlings situated in the municipalities Parang, Maguindanao (1.5 hectares planted with 4,500 propagules) and Matanog, Maguindanao (5.9 hectares planted with 17,700 propagules).

A Mangrove Management Plan will be developed by the City government of Cabadbaran in coordination with the Caraga State University- Cabadbaran Campus as an output to the Mangrove Management Planning Workshop conducted last November 12-13, 2020 and was attended and participated by the City and Brgy. Local Government Unit representatives and People's Organizations along the Coastal Brgy.s of the City that have mangrove areas. This activity is a collaboration through the Cabadbaran Mangrove Ecopark Livelihood Enterprise and Disaster Resilience (CaMe-LEAD) Program, which is a joint collaboration of the BFAR Caraga through the FishCORAL Project, the CSU-CC, and the Community Environment and Natural Resources Office (CENRO). As of now, the Project is waiting for the full-blown plan submission by the city government of Cabadbaran.

For BARMM, assessment on mangrove areas was conducted in Matanog and Parang, Maguindanao. Also, documents were prepared for community participation of mangrove rehabilitation projects in municipalities of Matanog and Parang in Maguindanao and Lantawan, Sumisip, Hadji Muhtamad, and Tabuan-Lasa in the province of Basilan.

In Region 8, a total of two hundred forty (240) mangrove planters received their payment for the second tranche. Payment was made after the beneficiaries have re-planted mangrove propagule as replacement of those propagates that died.

There were also mangrove monitoring and inspections for the survival status of the four (4) hectares mangroves planted by the Samahan ng Maliliit na Mangingisda ng Poblacion East in Brgy. Poblacion East and Samahang Mangingisda ng Calasuche in Brgy. Calasuche, Milagros, Masbate in Region 5. Part

of the PO's monthly activities are the monitoring of their planted mangroves by removing of encrusting barnacles, plastics and debris.

Support to Fish Sanctuaries

The Project has facilitated the installation of two hundred fifty-three units (253) fish sanctuary markers covering one thousand nine hundred forty-two (1,942) hectares of the twenty-three (23) municipalities. Most of the deployment and installation of markers were commenced second half of 2020 due to difficulty in accessing the sites caused by community lockdowns.

FS Management Plans and MPA

The RPMO-8 team reviewed the existing ordinance of Jiabong and Motiong in preparation of the management plan write up. Currently the CRM Officers have distributed e-copies of questionnaires for the formulation of FS and CRM Plans for the LGUs of Villareal Bay. Answers from the guide questions, available secondary data (MPA Ordinance), and PRSA result will served as the basis in writing the plan. The map validation of the Marine Protected Area (MPA) of Paranas, Samar was done. Preparation of the MPA Management Plans for Motiong and Daram; Samar is being conducted.

Fish Sanctuary (FS) and Marine Protected Areas (MPA) Planning Workshops

A Fish Sanctuary Management Workshop was also conducted to capacitate the MPA managers on the management of each respective MPAs and formulate a management plan. This plan will also be incorporated in the CRM plan. For the municipalities of Eastern Samar, of which CRM plans were adopted, plan will be used by the LGU to access support from partner agencies such as the DENR, BFAR and PLGU.

Fish Sanctuary Management Workshop was done in Catbalogan City, Region 8. The workshop was participated by the Brgy. Captains and Counselors, Committee on Fisheries, Representatives from the Local Government Unit (LGU), Coast Guard, Philippine National Police (PNP) and People's Organizations (POs) representatives from the covered Brgy.s of the assisted fish sanctuaries of the Project. At the end of the workshop, the participants were able to formulate strategies and activities per Marine Protected Areas (MPA) that will address concerns and create a composition of management body for the CRM plans. Cumulative Status of provided FS marker and rehabilitated Fish Sanctuaries.

Other Resource Management Measures

- ✓ Installation of primary electric lines and transformers for the full operation of the Cortes Multi-Species Hatchery in Cortes, Surigao del Sur, Region 13.
- ✓ Distribution of one (1) blue swimming crab holding cage to the beneficiary in Brgy. Cambante, Mercedes (Region 8).
- ✓ Deployment of eleven (11) Coral Nursery Units in Brgy. Magsaysay, Parang, Maguindanao.
- ✓ Distribution of Marine Protected Area (MPA) Network equipment support such as monitoring, enforcement, and safety equipment. For monitoring equipment, the following are distributed: steel quadrant, 50 meters waterproof line transect, mask and snorkel, rechargeable handheld two-way radio, submersible flashlight, 10 liters dry bag, dive flippers, container crater box; for enforcement equipment: rechargeable megaphone, night vision binoculars, all-weather rechargeable searchlight, and handcuffs; and for safety equipment: whistles, booties, rash guard, life vest, hand gloves, and visor hats distributed to Carmen, Nasipit and Cabadbaran City, Agusan del Norte and San Agustin, Marihatag and Cagwait, Surigao del Sur.

Protection and Rehabilitation of Seagrasses

Three (3) new sea grass areas covering a total of nineteen point twelve (19.12) hectares were protected in Brgy. Mangal, Sumisip (4.9 hectares), Brgy. Sulloh, Tabuan Lasa (8.6 hectares) and Brgy. Baluk-baluk (5.62 hectares) of Hadji Muhtamad, Basilan.

Stock Enhancement

The PO beneficiaries together with the project staff have participated on the dispersal activities. The community expressed their gratitude to the FishCORAL Project particularly on the stock enhancement activity as it facilitates in increasing the productivity species in the area, as they assured to protect the area from outside disturbances. For this year, a total of nine (9) stock enhancement activities were implemented (see table below). Sea cucumber juveniles, blue swimming crablets, giant clam, mangrove crabs, and abalone were released in fish sanctuaries and marine reserves. In addition, materials for the grow-out pen culture were distributed to the nineteen (19) beneficiaries of Trinidad and Buenavista Guiuan, Eastern Samar (Region 8). Each beneficiary received the following: 11,000 pcs 1st stage sea cucumber juveniles; 1 bundle knotted PE net (mesh size 14); 2 kilos knotted PE net (mesh size 14); 1 roll monofilament nylon; and PE rope for grow-out pen.

Table 8. Status of Stock Enhancement Project

Regions	Location/ Sites	Commodities	Pieces	
VIII	Brgy. Cantomoja and Camanga, Salcedo, Eastern Samar	sea cucumber (juveniles)	10,000	
	Brgy.s Buenavista, Trinidad and Baras, Guiuan, Eastern Samar		23,000	
	Maybay Reef, Brgy. 06, Guiuan and Brgy.s Buenavista, Trinidad, and Baras, Guiuan, Eastern Samar		1,650	
	Burunayan Reef in Guiuan, Eastern Samar	blue swimming crablets	23,000	
			2,800	
			giant clams	55
			Abalone	5,000
Baras, Guiuan, Eastern Samar	sea cucumber juveniles	23,000		
XIII	Brgy.s Buenavista, Trinidad			
BARMM	Lantawan, Maluso, Tabuan-Lasa, Hadji Muhtamad, and Sumisip, Basilan	abalone (<i>Haliotis asinina</i>)	8,700	
	Lanao and Maguindanao	mangrove crablets	20,000	

Coordination Meetings

- A consultation and coordination meeting were conducted between the Caraga State University (CSU) CLGU of Cabadbaran City represented by the MAO and the Brgy. Fish Warden of Calibunan as the PO beneficiary. The responsibilities of each party in the implementation of the Blue Swimming Crab lying-in project were discussed. Right after the meeting, the team conducted a site validation of the project.
- The community facilitators of the Asid Gulf conducted meeting with the beneficiaries of crab lying-in installation and operation and attended Sangguniang Bayan session on the adoption and approval of Brgy. ordinance for crab lying-in in Balud, Masbate.

Status of other stock enhancement projects (not yet implemented)

- Sea cucumber lying-in project for Barobo, Surigao del Sur- For installation already.

- Blue swimming crab lying-in project in Cabadbaran City- The purchase order was already issued and served; For delivery materials and installation of modules.
- Sea Urchin-Lying-in project for San Agustin, Marihatag & Cagwait, Surigao del Sur- Ready for delivery materials and installation of modules.

Artificial Reefs

For this year, there were six hundred thirty-two (632) units of artificial reefs deployed in Pasacao, Camarines Sur (37 units) in Region 5; Brgy. Kidama, Matanog (187 units), and Paniongan, Lantawan, Sulu (60 units); Brgy. Lanawan Proper, Tabuan-lasa (80 units), Brgy. Calayan (68 units), Brgy. Paniongan (160 units), Lantawan, Basilan; and Hadji Muhtamad, Basilan (40 units) in BARMM. The deployment was implemented in partnership with the Local/ Brgy. Government Units Staff, and Personnel from the Philippine National Police with the assistance of the Coastal Resource Management Officer (CRMO), Community Facilitators (CFs), and People's Organizations (POs). These installed artificial reefs units are expected to augment the fish density in the area by providing habitat for coral reef fishes. The continuation of artificial reefs deployment will be scheduled on January 2021.

Equipment Support

The following are the office equipment and diving gears provided by the Project in support to the operations of the LGUs and to the Fish Wardens in their patrol operations.

- ✓ Information Technology (IT) equipment such as computer, photocopier, printer, tripod, and camera- LGU of Libmanan, Camarines Sur.
- ✓ Complete set of diving gears- LGU of Prieto Diaz, Sorsogon; Fabrica Bula, and San Fernando, Camarines Sur; San Pascual, Sto. Domingo, Rapu-rapu, and Manito, Albay;

Component 2. Livelihood Development

Aims at supporting the livelihoods of fishing households in the target coastal communities who will be constantly engaged in diversified sources of income. Interventions in this component can be categorized as (i) fisherfolks organization (FO) formation and strengthening, (ii) livelihood sub-projects development and implementation. (iii) infra and equipment support for livelihood development.

The expected outcome is: *Income of fishing households in target coastal communities increased through sustainable engagement in diversified livelihood activities.*

Output 1: Fishing households organized into livelihood groups.

Group Formation and Strengthening

Technical support was provided to the LGUs and communities for assisting in the requirements of PO registration, business plan preparation; social investigation/profiling of the members of the organization, revitalization, strengthening, and operation of savings mobilization groups; and organizational capacity assessment of People's Organizations.

Activities conducted

- Conduct of Organizational Development and Management (ODM) Training to the PO officers from Brgy.s Sorosimbahan, Domorog, Agoho, Esperanza, Masbate. The training capacitated the officers on recognizing the member and organization's strengths and weaknesses and its vision and mission.
- Assistance for the enhancement of implementation policies, completion of requirements for loan application to Landbank of the Philippines and in the formulation of the federation's Vision, Mission and Goals of Ragay Marine Aquaculture Association (RAMAA).
- Conduct of strengthening activities to POs of Brgy. Amantillo Women's Association (BAWA) in Marabut, Samar, Tiklos Kabuhian han Kababayen-an San Antonio-Food Processing (TKKSA) in Basey, Samar and Tinaogan Women's Association (TWA) in Basey, Samar for the implementation of their Community Savings and Credit Association (ComSCA).
- Conduct of Focused Group Discussion (FGD) to the members and officers of Samahan ng Maliliit na Mangingisda ng Siramag, Balatan, Camarines Sur who engage in fish drying.
- Conduct of project orientation to the target PO (Sitio Lanang Seaweeds Growers Multi-Purpose Cooperative) in Brgy. Magsaysay, Parang, Maguindanao as partner in of mangrove rehabilitation sub-project.

People's Organization (PO) meetings

- Facilitated the re-organizational meeting with the fisherfolk and women in fisheries in Brgy. Alimsog, Sto. Domingo, Albay by the Institution and Gender Officer last September 11, 2020. In the meeting, a new set of officers were selected. The group also decided and agreed to call their association as the "Alimsog Farmers and Fisherfolk Organization".
- Facilitated another meeting with the PO members/beneficiaries of the five (5) units grouper cage culture project in Brgy. Magais 1, Del Gallego, Camarines Sur last September 24, 2020. The said meeting tackled the management, record keeping, and financial concerns of the livelihood subproject. All the issues and concerns about the operations of the livelihood project were addressed.

Improvement of the Fisherfolks Organizations' and beneficiaries' participation in providing equity for the implementation of livelihood subprojects.

- Region 5- The Fisherfolks assumes non-cash equity for the project, most of the common share to the sub-project are labor, boats, and other local materials.
- Region 8- Beneficiaries provide fingerlings, seedlings, lean crabs, feeds, raw materials for processing, some processing equipment, utilities, bamboos, and labor such as the installation, repair, and maintenance, guard duty.
- Region 13- PO equity is incorporated in the Business Plan in the form of labor equity. Some of the PO beneficiaries also counter parted the indigenous materials aside from labor equity just to start the implementation of the project.
- BARMM- The RPMO emphasizes the importance of beneficiaries' participation in providing equity. Thus, beneficiaries contribute to kinds such as a generator for the chest freezer, fresh fish for fish processing, and seaweed seedlings.

Community savings mobilization

A significant number of Community Savings Groups has been formed with the technical support of the Project. Some regions have facilitated financial literacy training for fisherfolks associations to continue their engagement in the community savings as one of their alternative sources of income, especially during the pandemic. In support with the groups, the Project has provided savings box which the members can weekly pool their personal savings into common funds. The members have become more financially accountable. Moreover, the operations and total amount of savings of group/associations

were continuously monitored by the Community Facilitators, Regional Livelihood officers, and Institution and Gender Officers.

Savings and Credits Group/Associations Orientations

- Sabang Women, Fisherfolks and Farmers Association (SWFFA)- The activity was held in Brgy. Sabang, Hinundayan last October 16 and was attended by the seventeen (17) members of the PO who decided to form a savings group.
- Amandayehan Women’s Association of Basey, Samar and Sanctuary Active FLET Members Association and Timpag Fisherfolk Association- Conducted in Marabut, Samar last November 17 and 18, 2020.
- Bahay Rural Workers Association- Conducted last December 11, 2020 in Liloan, Southern Leyte. The activity was attended by 25 members of the association who were willing to join the community savings. After the orientation, the group formulated their by-laws, elected officers, and did the actual conduct of first COMSCA meeting and first share-out purchase.
- TIMPAG Fisherfolk Association of Brgy. Caluwayan, Marabut, Samar- The activity was conducted last December 2, 2020. The meeting was supposed to be just a re-orientation of CoMSCA to the association members but the attendees decided to elect their management board and formulate their Constitution and By-Laws since most of them already know how CoMSCA works.

Output 2: Livelihood projects (fishery and non-fishery) with corresponding climate-resilient infrastructure/ facility support implemented.

Livelihood Projects

The FishCORAL Project has conducted and facilitated different livelihood projects and provided support for the operation of livelihood projects situated in Bicol, Eastern Visayas, Caraga, and BARMM Regions. Each region has identified their focus commodities with the main consideration that such commodity has high potential of growth, profitability, and will have high participation of fisherfolk and the corresponding benefits that will accrue to them. Materials and equipment such as but not limited to seaweed seedlings, materials/farm inputs and paraphernalia, fish cage materials, electric pressure cooker, noodle machine, vacuum fryer, fish drying racks, monitoring and sampling materials, fish feeds/trash fish, and fingerlings, were delivered to augment the operation of existing and ongoing livelihood projects.

For this year, a total of two hundred fourteen (214) livelihood projects were implemented on the ground. Other livelihood projects are on the stages of procurement and for approval of projects. The details and updates of implementation activities in the operation of different livelihood projects are reflected in the Livelihood Monitoring Tool.

Post-Harvest Facilities: Solar Dryers with Storage Warehouse and Processing Center

Since the implementation of the ECQ, the construction of civil works, including solar dryers were put on hold. The construction has only resumed after the announcement of the GCQ in low risk COVID-affected areas.

A total of seventy-three (73) unit solar dryers and three (3) units of seaweed warehouses were constructed. Additionally, seventy-two (72) units of solar dryers under construction with 10% to 95% physical accomplishment. These solar dryers are expected to improve the product quality and production process of seaweeds and fish commodities thus generating better livelihood opportunities for fisher folks.

Table 9. On-going Construction of Solar Dryers.

Region V	Region VIII	Region XIII
(49%-95% accomplishment)	(15%-98% accomplishment)	(10% - 40% accomplishment)
San Fernando –1 Balatan – 2 Bula – 4 Ragay – 2 Bato – 1 Rapu-rapu – 6 Pasacao – 1 Tabaco City – 1 Minalabac – 2 Placer – 4	San Juan – 2 Marabut – 1	Barobo – 16 Liang – 7 Hinatuan – 12 Lingig-2 Bislig – 2 Bayabas-1 Carmen – 1 Jabonga – 1 Cabadbaran City – 2
25 units	3 units	44 units

The constructed collapsible fish solar dryer in Brgy. Matabao, Buenavista, Agusan del Norte managed by the Gagmayng Mananagat sa Brgy. Tinago Fisherfolk Association are functional and operational. Their produce is displayed in the Kadiwa on Wheels of the Department of Agriculture (DA) and FishCORAL project have also linked the PO to resellers in Butuan City to expand their market. Additional of eight (8) units of seaweed solar dryer under the CY 2020 fund are under the procurement stage and is waiting for the No Objection to Award notice from the PSCO.

For BARMM, three (3) unit of seaweed warehouse were turned-over to the people’s organization proponent of Brgy. Magsaysay, Parang, Maguindanao; Brgy. Pandan Niog, Pangutaran; and Brgy.s of Bubuan, Panducan, Patutol, Pandan Niog, Kawitan, Tandu Bagua, and Tonggasang, Panglima Tahil.

Processing Centers

A total of twelve (12) Processing Centers were constructed in Region 8 (1 unit) and BARMM (11 units). All of these infrastructures were already inspected and turned-over to the beneficiaries as a support to their food processing activities.

Table 10. Status of the Constructed Processing Centers

Region	Location	Proponent	Date Completed	Commodities/ Remarks
XIII	1. Jiabong, Samar	LGU of Jiabong	March 13, 2020	No source of water and electricity yet
BARMM	2. Lantawan, Basilan	1. Atong-Atong Brgy. Initiative Savings Organization 2. Atong-Atong SAMA-KABA Association	April 14, 2020	Dried fish
	3. Lantawan, Basilan	Lawi-Lawi Tatabangan Association	June 06, 2020	
	4. Hadji Muhtamad, Basilan	Pilas Island Fishermen Cooperative	May 22, 2020	Dried fish (kutambak, lapu-lapu, kulisi)
	5. Maluso, Basilan	Shipyard Main Kabuhianan Pagtulong Tabangan Association	June 18, 2020	Dried fish (small

	6. Maluso, Basilan	Calangcanas Gish Catcher's Association	April 2, 2020	matambaka, Kasig)
	7. Sumisip, Basilan	Buli-Buli Tatabangan Agricultural Cooperative	May 18, 2020	Dried fish
	8. Sumisip, Basilan	Tikus Fisherfolk Association	June 24, 2020	
	9. Tabuan, Lasa, Basilan	Balanting Fishermen Association	July 17, 2020	Operational
	10. Panamao, Sulu	Kan-Ukol Kababaihan Association	August 24, 2020	
	11. Jolo, Sulu	ABS Seaweeds Farming Association	July 15, 2020	
	12. Datu Odin Sinsuat, Magundanao	Dinaig Proper Fisherfolk Producers Cooperative	May 19, 2020	
Total	12 Processing centers situated in 8 municipalities			

Provision of equipment

Three (3) units of 1HP split-type inverter aircon and seven units stainless-steel working table were delivered in Jiabong and Motiong Processing Center.

Workshop on the drafting of the Manual of Operation

The RPMO in partnership with the LGU Prieto Diaz led the workshop on the drafting of the Manual of Operation for Danggit Processing Center on September 1-3, 2020. The activity accomplished the Danggit Processing Center Management Direction, factors to contribute to danggit center operation and management, formulated vision, mission and goal of the center, the election of officers, and action planning. Finalization and workshop proper on the fish processor value and market chain activity and the election of officers & organization of danggit fish processing enterprise was also conducted. Organized associations were ready for accreditation and registration to SEC and DOLE.

Post-Harvest Equipment: Mobile Ice Makers and Chest Freezers

For this year, a total of one hundred forty-four (144) units of freezers (Region 8- 37 units and BARMM 107 units) have been provided by the Project and utilized by the People’s Organizations for storing fresh fish and processed products. A briefing for the use and maintenance of chest freezers were also conducted prior to the distribution. See next page for the details.

Region 8

Freezers - A total of thirty-seven (37) units of upright freezers with automatic voltage regulator were delivered from September 22 to December 4 2020 to the 37 POs in Poblacion 7 Gen. McArthur, Vigan Gen. McArthur, Poblacion 6 Balangiga, Cabunga-an Mercedes, Buyayawon Mercedes, San Roque Mercedes, Paya Giporlos, Gigoso Giporlos, Sto. Nino Guiuan, Sugpunon Basey, Malaguicay Abuyog, Bagacay Abuyog, Pilar Abuyog, Casulongan Javier, San Jose Tacloban, Old Kawayan Tacloban, Payao Catbalogan, Cabugawan Buri Catbalogan, Pangdan Catbalogan, Poblacion 1-A Motiong, Lewing Anahawan, Canalabian Anahawan, Lipanto St. Bernard, Hindag-an St. Bernard, San Isidro St. Bernard, Himbangan St. Bernard, San Jose San Juan, Timba San Juan, Bahay Liloan, Pandan Liloan, Tubaon Silago, Tubod Silago, Poblacion District 2 Hinunangan, Independencia Talalora, San Juan Talalora, Tatabunan Talalora, and Poblacion Daram. A total of 1,211 individuals are benefiting from the project.

Ice makers - Towards the commissioning of the six-tube ice machines, the Project has procured several accessories which were recently delivered to six sites in Silago, Anahawan, Liloan, San Juan, Mercedes, and Salcedo. These are water-proof circuit breakers, electric wires, slotted panel trunking, gallon pressure tank with water pump, auto switch and gauge, high-density polyethylene (HDPE) water tank, pipes, and 1,000-liter slow sand filter.

On September 16, 2020, the RPMO conducted a follow-up visit in Mercedes for the status of the installation of the ice machine. According to the Municipal Agriculturist, the site was already visited by the personnel of ESAMELCO and suggested that the LGU should procure a new transformer exclusive for the use of the ice machine. A canvass for the transformer and other required materials for the installation and operationalization of ice machine was already sent to ESAMELCO Borongan (main office) for quotation.

In Silago, the materials for the platform are being procured by the LGU as their counterpart. In San Juan, the LGU has just prepared a Purchase Request for the transformer and platform after securing supplemental budget. In Liloan, the LGU already secured a budget for the transformer and are now in the procurement process. Meanwhile, Anahawan’s 2020 budget remained unapproved, which hindered the procurement of a transformer as their counterpart.

BARMM

Freezers - Since the mobile ice makers are not applicable in the region, the targets were cancelled and the budget was realigned to procure additional chest freezers. A total of one hundred seven (107) units were turned-over to the PO beneficiaries.

Several POs who received chest freezers maintains a coin bank which they open monthly in which part of the savings goes to maintenance and production cost and the remaining amount are divided among the members monthly or yearly, depending on the agreement of the group.

Community-based and BFAR hatchery development and enhancement facilities

The one-storey acclimation facility at Guiuan Marine Fisheries Development Center (GMFDC) in Guiuan, Eastern Samar completed last September 23 has an electrical supply already, shouldered by the GMFDC. On the other hand, the bangus concrete pond constructed also in GMFDC is already being utilized where bangus fry are reared to fingerlings. The fingerlings will be distributed to target beneficiaries of the National Fisheries Research and Development Institute.

The operation of Cortes Hatchery in Region 13 is now on-going.

The proposal for the construction of the mangrove crab hatchery in BARMM will no longer continue. However, partnership with the Southeast Asia Fisheries Development Center (SEAFDEC) will remain for the technical assistance and capacitation of POs involved in aquaculture-related projects. Furthermore, the hatchery equipment in support of Bubong Hatchery in Kalanganan II, Cotabato City were partially delivered by the supplier. See the table below for the status of hatchery across the regions.

Table 11. Cumulative Status of Hatchery

Region	Name of Project	Equipment and labor provided/Remarks
VIII	Guiuan Marine Fisheries Development Center (GMFDC)	Labor and materials for the construction of One-Storey Acclimation Facility (100% completed as of September 2020).

XIII	BFAR-13 Hatchery	Completed the Plumbing works and 3-Phase line connection
BARMM	Datu Odin Sinsuat, Maguindanao Support Project	Partial delivery of hatchery equipment.

Aqua-based Business School with Gender and Climate Change Perspective (ABS-GCC)

The ABS-GCC is a participatory action learning approach on the application of the value chain framework within the context of climate change to be adopted by the project in the implementation of livelihood and enterprise projects. It is an innovative model in promoting livelihood and fishery enterprise projects that generated positive results for those included in the pilot stage.

Due to the ECQ, most of the ABS activities were halted and limited but with the easing of community lockdowns and the imposition of the new normal, several PO groups in the region have engaged again in the ABS-GCC. Various activities such as face to face and online classes (guided by modules), coaching and mentoring, training, and field or market visit were engaged. Protocols for health and hygiene standards were also linked in the implementation. See below for the updates on the activities conducted in the regions:

The data gathered upon communication with the respective LGUs and assessment of POs/ABS groups will be used as a basis in the revision of the ABS Work Plan. The work plan of the implementation may vary per ABS site depending on the protocols/guidelines of each MLGU and BLGU. To meet the criteria of government protocol amid the COVID-19 pandemic, below were the recommendations for the implementation of the ABS under the new normal:

- a) Minimize the number of enrollees for each ABS group (maximum of 10) to practice social distancing in the venue.
- b) Practice precautionary measures during sessions: i) wearing a mask; ii) hand hygiene/hand washing; and iii) observe social distancing. The Project should provide masks and alcohol/hand sanitizers.
- c) Regular checking of LGU, DOH, IATF advisories before heading to the ABS sites.
- d) Provision of hand-outs, brochures, reading materials to the enrollees.
- e) Video presentations/audio recording of modules. A tap radio station in the recording of audio presentations.
- f) Online instructions or technical assistance to ABS facilitators via Google Meet.
- g) Presentation of ABS activities' outputs during virtual meetings.

ABS-GCC in Region 5

- Approval of the Memorandum of Understandings (MOUs) between FishCORAL Project and LGU of Ragay. Additional of four (4) MOUs were submitted to the RPMPO.
- Facilitation of the Facilitators Trainings in Masbate City.
- Start of orientation to the LGUs and fisherfolk organizations who are potential ABS students
- Implementation:
 - ✓ Brgy. Looc, Cawayan on November 8- Modules 2
 - ✓ Brgy. Cayabon, Milagros on November 22- Module 3
 - ✓ Rapu-rapu, Albay on November 24-26, 2020- Modules 3 to 4
 - ✓ Ragay Bula, Camarines Sur (as a refresher to the Community Facilitators)- Module 4

ABS-GCC in Region 8

- Conduct of Coaching and Mentoring activity in Tacloban City last March 10-14, 2020 and was participated by the community facilitators, bay coordinators, RPMO staff (livelihood officers and

assistant), LGU representatives, PO representatives, and BFAR organic staff. Lectures complemented with group exercise and fieldwork were provided to the participants. Towards the end of the training, an action plan was drafted by the participants to ensure that the ABS-GCC will be continually implemented in the FishCORAL project sites, as well as for guidance to resource persons in providing technical reinforcement, and/or facilitate for further support services through monitoring-mentoring process.

- Consolidation, encoding, and submission of responses and feedbacks from the previously concluded ABS-GCC Coaching and Mentoring activity of to the resource persons for analysis.
 - Revision of ABS Work Plan from October to December 2020 for Maqueda and Villareal Bay. For the San Roque Fisherfolk Association, the ABS session was scheduled twice a month since the LGU issues a new EO every 15 days depending on the COVID-19 cases in the area. The group might also change their commodity from grouper culture to mussel culture. Meanwhile, the Motiong Women's Association is still prohibited from using the processing center since it is located beside the quarantine facility of the LGU. The medical front liners are only allowed within the area which poses difficulty in implementing the product development (Module 5) since the equipment is in the processing center.
 - Implementation:
 - ✓ Eastern Samar- Module 2. The fisherfolk groups have identified their business goals and objectives and participated in the individual and group capacity assessment to assess existing business capacities and resources. The groups have also prepared proposals for their businesses and engaged in learning capabilities in communication and collaboration that are basic in value chain development and describe the roles and contribution of its members to firm-up core values needed for the success of their businesses.
 - ✓ Brgy. San Isidro, Saint Bernard - Module 3 to 5. The group was given an exercise (under module 3: Introduction of Market and Business Concepts) on the costing and pricing based on their actual processing of the peanut butter last September 14, 2020. As part of Module 5 (Testing Innovation), the group has processed 2 kilograms roasted peanuts and produced 19 small bottled plain flavored peanut butter.
 - ✓ Casulongan Farmers and Fisherfolk Association (CAFFA)- Module 1. The CAFFA members attended the session and participated in the activities/exercises including getting to know and checking of expectations. The different modules of the ABS-GCC curriculum were also presented. All of the participants were profiled and answered the pre-test where they scored 16-23 points from the 25-item test.
 - ✓ Brgy. Ngolos Fisherfolk Association and Cabunga-an Fisherfolk Multipurpose Association of Eastern Samar- The two fisherfolk groups are now on Module 2. The groups have formulated their business goals and objectives and performed individual and group capacity assessment to assess existing business capacities and resources for individuals and groups and also prepared proposal for their identified business. Further, the groups have undergone activities like learning and working together to improve the capabilities in communication and cooperation/collaboration that are basic in value chain/enterprise development and describe the roles and contribution of its members to firm-up core values needed for the success of the business.
 - ✓ Himbangan Mangrove Planters Association (PASAHI MAPA) in Panian, San Isidro have conducted the ABS session on Module 2. Among the workshops done were livelihood and business goals and objectives setting, individual and group capacity assessment, and learning to work together. For collaborative learning, the organization was grouped into two and have hands-on training on creamy and chocolate peanut butter processing which was conducted on September 4 and 14. On September 21, the ABS session on module 3 was conducted and started introducing market and business concepts. The members were familiarized with the commonly used terms in business; such as the production cost, overhead cost, depreciation cost, labor cost, marketing cost, breakeven, mark-up, net income, sales, and Return of Investment or ROI. A workshop on costing
-

and pricing was then conducted based on their actual processing of peanut butter on September 14 and was followed by a lecture on the market, supply, and value chain

- ✓ Cabunga-an Fisherfolk Multi-Purpose Association from Mercedes, Eastern Samar and Brgy. Ngolos Fisherfolk Association in Guiuan, Eastern Samar- Two fisherfolk groups have already started with Module 1. There are 13 enrollees of the Cabunga-an Fisherfolk Multi-Purpose Association and 13 enrollees of the Brgy. Ngolos Fisherfolk Association. The module 1 consists of two sessions, (1) preparatory meeting with prospective participants, and (2) targeting and selection of commodity for value chain development based on a set of criteria that includes climate change and gender considerations. At the end of the session, participants will be able to; (a) understand the ABS process, (b) ensure the commitment to complete the ABS curriculum; and (c) develop a customized ABS curriculum based on the group's profile.

ABS-GCC in Region 13

- In observance of the safety health protocol against COVID-19, Caraga have adopted the distance learning program to minimize face to face meetings and shifted the into ABS-GCC School on the Air class. The School on the air class started this month.
- Learning visitation of the five POs to the ABS graduates of Region 8 to enhance their understanding in the concepts of markets chains and to identify chain actors, stakeholders, and service providers. The team visited the processing project of shellfish, seaweeds and cassava commodities in the municipalities of Salcedo, Gen Mc Arthur, Eastern Samar, Basey, and Jiabong Samar. The participants were able to benchmark and collect technique in their business venture especially in the product innovation and sustainability plans.
- Implementation:
 - ✓ La Union Fisherfolks Association (LAFWO) in Cabadbaran City, San Jose Women's Welfare Association in Jabonga, Agusan del Norte and to Peoples Unite to Guard Aqua-Marine Wealth and Hinatuan Seaweeds Producers Association in Hinatuan, Surigao del Sur which are on the Module 5 entitled: targeting and testing potential innovation and tapping agency/resource person for product innovation/enhancement.

ABS-GCC in BARMM

- Conduct of Stakeholder's Validation Meeting (SVM) Review activity on November 11, 2020, to assist ABS Facilitators of Basilan and Sulu on how to process the information presented in the last SVM and to recall the agreements made with partner agencies. Another batch of SVM activity was conducted last November 25 in Cotabato City. The Supply and Market Chain Map of cassava and bangus was presented and analyzed by ABS Facilitators with the help of ABS Consultants. Representatives from partner agencies like the Ministry of Social Services and Development (MSSD), and the Ministry of Science and Technology (MOST) participated in the activity and agreed to extend applicable services to our ABS groups.
- Facilitation of the orientation on Good Manufacturing Practices, HALAL Awareness and Certification, Sanitation Standards and Operational Procedures, and Sustainable Livelihood Program. The said activities were identified during the Stakeholder's Validation Meeting as needs of the ABS groups especially those who are into food processing. The participants in the orientation are the ABS Consultants, RPMO, and Community Facilitators.
- Implementation:
 - ✓ Brgy. Sambiar and Brgy. Kidama, Matanog- Module 4. In Sambiar, only three (3) enrollees attended the session. The ABS Facilitator was informed that the gathering is allowed in the Brgy. but with maximum of five (5) attendees only. On the other hand, twelve (12) enrollees attended the session in Brgy. Kidama. Both ABS groups completed session 4.1. In terms of planning, it was agreed that enrollees from Sambiar will conduct interview in the malls and restaurants, individual consumers, and boneless bangus processor. For Brgy. Kidama group that engage in cassava

processing, the target chain actors to be interviewed are the suppliers of fresh cassava, buyers, processors, and refreshment owners selling cassava chips.

Livelihood Training and Workshops

Due to the COVID-19 pandemic, only small group meetings, orientations and trainings were conducted among POs. Below are the livelihood Training and Workshops conducted within the year.

- a) Two (2) Training on Value-Added Preservation /Food Processing in Brgy. Sedem, Lapaken, Datu Blah Sinsuat, Maguindanao and Brgy. Uban-Uban, Picong, Lanao del Sur on October 29, and November 12-13, 2020. The activity was conducted by the RPMO-BARMM with assistance from the MAFAR Post-Harvest and Marketing Division staff.
- b) Training on the Semi-Intensive Tilapia Culture for Rizal Fisherfolk Association in Brgy. Rizal, Dulag, Leyte last December 7, 2020. The staff from BFAR Provincial Fishery Office trained 13 individuals from the association. The training was focused on the fabrication of eight units 5x10x3 meters fixed-type cages that will be strategically installed along the designated sites on the river. The same training was conducted with the fishing household groups from Brgy.s Poblacion Zone 1, San Roque and Liberty, Mayorga last December 9, 2020; MacArthur Fisherfolk Producers Association in Brgy. Poblacion Distrcit 1, MacArthur, Leyte last December 10, 2020; and Casulongan Farmers and Fisherfolk Association in Brgy. Casulongan, Javier, Leyte last December 23, 2020.
- c) Eight (8) batches of Gender and Financial Literacy and Community-based Savings and Credit Training in Brgy. Dinaig, Datu Odin Sinsuat, Polloc, Parang, Brgy. Simuay Seashore, Sultan Mastura (Maguindanao), Brgy. Bus-Bus, Walled City, Brgy. Takot-Takot, Chinese Pier, Jolo, Brgy. Walled City, Jolo, and lastly Brgy. Mauboh, Patikul (Sulu).
- d) Three (3) batches of Training on Semi-Intensive Tilapia Culture were conducted for the Salvacion Fisherfolk Association in Brgy. Salvacion, Palo, Leyte on November 5; San Pedro Fisherfolk Association in Brgy. San Pedro MacArthur, Leyte on November 10, 2020; and for the Bislig Aqua-Leading Servants Association in Tanauan, Leyte on November 11.
- e) Training on Mussel Culture was conducted for the 62 new beneficiaries of the Mussel Culture Sub-Project in Macalpe, Daram last November 11, 2020.
- f) Training on the Semi-Intensive Tilapia Culture for Rizal Fisherfolk Association in Brgy. Rizal, Dulag, Leyte last December 7, 2020. The staff from BFAR Provincial Fishery Office trained 13 individuals from the association. The training was focused on the fabrication of eight units 5x10x3 meters fixed-type cages that will be strategically installed along the designated sites on the river. The same training was conducted with the fishing household groups from Brgy.s Poblacion Zone 1, San Roque and Liberty, Mayorga last December 9, 2020; MacArthur Fisherfolk Producers Association in Brgy. Poblacion Distrcit 1, MacArthur, Leyte last December 10, 2020; and Casulongan Farmers and Fisherfolk Association in Brgy. Casulongan, Javier, Leyte last December 23, 2020. In Mayorga, 16 male beneficiaries were trained while 27 male members and two female-members were trained in MacArthur
- g) Two-day Training on the Seaweeds Noodles and Value-Addition Training was conducted Magcasungiao Island Brgy. Sabugawan, Catbalogan City on December 15-16. Participated by seven male and eight female members of the Magcasungiao Island Fisherfolks Association and was facilitated by BFAR PFO Leyte. The resource persons have discussed the biology, importance and use of seaweeds and good manufacturing practices, including how to clean and extract the agar from dried and fresh seaweeds. On the second day, Staff from the DTI discussed the services offered by their office. The group raised their concern regarding the correct pricing for their products. In addition, the actual processing of various seaweeds products was conducted. They were able to make gelatin bar (fresh and dried seaweeds), seaweed pickles, seaweed gelatin, maja blanca, yema, and seaweed noodles.

- h) Two-day training on Semi-Intensive Tilapia Culture in Pens and Fixed-Type Cages was conducted in Brgy. Bislig, Tanauan, Leyte last September 22, 2020. Only 10 male-beneficiaries of the Bislig-Cabuynan Farmers and Fisherfolk Association were trained because it was the maximum number of participants allowed per protocol. The training focused on the discussion of basic biology of tilapia, aquaculture engineering & management, fish nutrition, fish handling and transport, and water quality management. The second day of the training focused on the demo-practicum on the fabrication and installation of the pens or fixed-type cages which will be conducted upon the delivery of the materials.
- i) Three (3) batches of Training on the Fabrication and Installation of Solar-powered Puerulus Collector and 2 (2) batches of Mangrove Crab Culture and Fattening were conducted across the four regions in the first quarter of 2020. These topics were selected to heighten the familiarity of the beneficiaries in managing and operating their livelihood Project.
- j) Training on Seaweed Production and Management and the CRM orientation last July 23, 2020, in Brgy. Tanduh Bagua, Patikul, Sulu.
- k) Fish Processing/Drying Training in Brgy. Meti, Datu Blah Sinsuat with the Meti Fishing Household Association last July 23, 2020.
- l) Capability Building Seminar/Workshop on Gender Mainstreaming to Linek Tri- People Farmers Producer Cooperative in Brgy. Linek, Datu Odin Sinsuat, Maguindanao last July 11, 2020.
- m) Hand-on Training on the Mudcrab Fattening conducted to Mancao and Liguana, Rapurapu, Albay beneficiaries last July 8-10, 2020, and in Brgy. Buhatan, Sto. Domingo last July 28- 29, 2020.
- n) Aquasilviculture and Seaweeds Culture Orientation and Hands-on Training in Manito, Albay last July 23-24, 2020.
- o) Hands-on training on Circular Cage for milkfish culture held last July 23, 2020, in Brgy. Salvacion, Libmanan, Camarines Sur.
- p) Two-day training on Semi-Intensive Tilapia Culture in Pens and Fixed-Type Cages conducted in Brgy. Salvacion, Palo, Leyte last August 27; in Municipal Gymnasium in Brgy. Poblacion Zone 1, Mayorga, Leyte on September 2; in Brgy. Rizal, Dulag, Leyte last September 4; and at the FLET Headquarter in Brgy. Poblacion District II, MacArthur, Leyte on September 8; in a covered basketball court in Brgy. San Pedro, MacArthur, Leyte on September 9; and at the CAFFA Processing Center, Brgy. Casulongan, Javier, Leyte last September 15.
- q) Value-Added/Fish Processing Training conducted in Brgy.s Polloc and Brangay Magsaysay, Parang, Maguindanao last August 27-28, 2020. The said training was participated by newly organized women organizations.
- r) Orientation and Techno Demonstration on the fabrication of Aquasilviculture Project in Brgy. Domorog, Esperanza thru the Asid Gulf Community Facilitators with the full support of LGU Esperanza from hauling to turn over of materials.
- s) Organizational Development and Management Training to Naro Fisherfolk Association in Baranagy Naro, Cawayan and for Guiom Fisherfolk Association in Brgy. Guiom, Cawayan, Masbate last June 17 and June 18, respectively. This was provisioned by Fishright in collaboration with the FishCORAL Project, to capacitate and empower every member of the association, thus to create a comprehensive plan towards productive and efficient vision.
- t) Orientation and Hands-on Training on the construction of two (2) units of Aquasilviculture project of Cabaongan Fisherfolk Association held last June 25-26, 2020 and was facilitated by Albay Gulf Community Facilitators and assisted and supported by PFO Albay.
- u) Training on Seaweed Farming Technology at Sitio Bulak-bulak, Saluping Proper, Tabuan Lasa, Basilan on June 6-7, 2020.
- v) Orientation on Seedling Procedure and Management in partnership with DA personnel to Latih Kababaihan Association, Patikul, Sulu.
- w) Orientation on the Philippine Crop Insurance Corporation to the PO beneficiaries of Brgy. Magsaysay, Parang and Brgy. Badak, Datu Odin Sinsuat.

Component 3. Project Management and Coordination

The expected outcome is: *BFAR and LGUs delivered Project services on time and to the satisfaction of coastal communities.*

Monitoring and Evaluation (M&E)

The Project's M&E system is already established. It has regular reporting timelines and standard formats. The monitoring tools are available via google live document and is updated by the Project M&E staff (national and regional level) to track progress on the Project implementation. The physical and financial progress reports were submitted to DA-BFAR, DA-SPCMAD, NEDA, and IFAD regularly.

The monitoring of the implementation of component activities is regularly conducted. Also, the collection of data on the status and income of project beneficiaries under the livelihood component is conducted continuously. The geotagging of the subprojects such as BMMBs, watchtowers, solar dryers, hatcheries, and livelihood projects were also established and available online.

Further monitoring and updating of project activities were also done by maximizing means of communications thru phone and online calls, texts, and social media (Facebook and Messenger) to validate the information from the RPMOs, Bay Leaders, Community Facilitators, People's Organization's beneficiaries, and Local Government Unit (LGU) staff. This measure is aimed at ensuring that monitoring of the activities and sub-projects is still monitored and there are reports received from all levels.

Region 5. The RPMO and Community Facilitators can visit their assigned areas but still, following the LGU Protocols and the social distancing and wearing of masks.

For the damaged report in Region 5, an estimated cost of Php 9,081,828.40 (Php 3,428,116.00 for CRM and Php 5,653,712.4 for livelihood respectively) was reported brought by Typhoon Quinta, Rolly, and Ulysses in CRM and livelihood subprojects.

Region 8. Monitoring of the implementation of the vegetable farming, seaweed noodles processing, grouper culture, lobster grow-out culture, seaweed farming, breadfruit processing, fish & squid drying, bangus culture, and other livelihood subprojects as well as the infrastructure projects in the region with the assistance of the LGU staff in the different sites.

For the damage assessment and report brought by typhoon Ursula, an estimated amount of P9,613,040.66 both for the CRM and Livelihood components was reported.

Region 13. Conducted coaching and mentoring to the two (2) PO M&Es officers in Tubay, Carmen, and Buenavista, Agusan del Norte. Coached them in filling out the monitoring forms and how to conduct monitoring activities especially on the critical activities such as schedule of feeding and daily monitoring of the status of net/cage.

Another monitoring was conducted for the operation of lobster production project in Vinapor and Cahayagan, Carmen, Agusan del Norte. The RPMO coordinated/consulted with the municipal mayor of Carmen on the status of projects in the area. The LGU will stock additional lobster fry for the POs to replace the lost fry.

A review on the formulated Policy of Operation for Fishpot and Deboned Bangus Processing project was also conducted. The output of the activity are: election of officers who will manage the operation of the

project, formulation of the Policy of Operations of the Project, and coaching of the assigned PO M&Es in filling out the monitoring forms and conduct of monitoring activities.

BARMM. Monitoring of seaweed project in Parang, Maguindanao in which the seaweed growers harvested their seaweed early to save some from the ice-ice disease. In Basilan, out of 43 fish drying project, 11 of these have started its operation but with a minimal production due to the recent crisis and heavy rain. A five pesos decrease in price from the original 60 pesos per kilo of dried seaweed was experienced by the grower.

Management Information Systems (MIS)

The geo-mapping program specifically designed for the FishCORAL Project, which can be closely patterned to the geo-mapping program of the Department of Agriculture is being updated and regularly maintained

The new Mapping List for the Livelihood GIS, the Database on report submission required oversight agencies, the livelihood monitoring live document, Project Dashboard, and the FishCORAL website are also being updated and maintained.

The scaling up of the MIS and M&E System for automation and the Remodeling of Total Project Reach document (Overall and per region) is being started.

<http://fishcoral.bfar.da.gov.ph/content/geographic-information-system>
<http://fishcoral.bfar.da.gov.ph/sites/dashboard/>

Knowledge Management (KM)

Below are the highlights of the accomplishments under Knowledge Management in 2020.

Information, Education and Communication (IEC)

- Information, Education and Communication (IEC) campaigns on the conservation and protection of municipal waters of Libmanan, Camarines Sur was conducted during the meeting of RPMO and community facilitators with the beneficiaries of bangus circular cage culture project in the five Brgy.s of Tinalmud Viejo and Nuevo, Bahao, Caima and Salvacion. Issues and concerns of the fisherfolk on the intrusion of commercial fishing vessel, and rampant dynamite and cyanide fishing activities in the municipal waters of Libmanan. The said issues affect the fish caught of the marginalized fisherfolk and fish sanctuary and will also affect the cage culture project of the beneficiaries in the long run if not regulated and prevented. As agreed in a meeting, a plan will be presented to the LGU Libmanan thru the office of the Mayor and Municipal Agriculture Office and other concerned agencies. KM materials on RA 8550 as Amended by RA 10654 were distributed to the fisherfolk beneficiaries.

Distribution of KM Materials

- Distributed IEC materials on the Technology on Tilapia and Lobster, Coral Habitat Assessment Field Guidebook, FARMC Handbook, FAO 196 booklet, and advocacy materials such as notebooks, jacket, and *bantay dagat* advocacy long sleeves to the fisherfolk beneficiaries.
- Lay outing of the Oyster Culture Package and Oyster Grow-out Culture for Livelihood Development and designing of the Filipino Version of ABS Manual.
- Distribution of ABS manuals and LMG.
- Distribution of AquaNegosyo Komiks.

List of Published Articles

1. FishCORAL-Bicol to implement Aqua-Based Business School this year
2. Thrive in Dried: Story of Fisherfolk in San Pascual, Masbate
3. FishCORAL Project turns-over 112 patrol boats to 4 regions
4. Sagip-Wakatan Program Boosts Biodiversity in Bayabas Town
5. FishCORAL Project Provides Livelihood Opportunities amidst the Pandemic
6. Fighting COVID-19 with food security: Fishers in Bayabas town start Mangrove Crab Culture, Crab Fattening Projects
7. Sea Patrols on Hype
8. Cabac Fisherfolk Association: A Story of Success
9. Black Beach Sentinels
10. Establishing Homes for Berried Crabs
11. Gender Parity in Oyster Culture
12. One Team for Common Achievement

Profiling and Documentations

- Documentation through write-ups, photos, and videos the lessons learned, good practices, and innovations of the Livelihood Development Trainings and CRM activities is continuously being done. Captured good practices and innovations were uploaded on the official website of the Project as well as being shared with the RPMOs and DA.
- Documented the sub-project implementation of mussel culture and group savings mobilization or COMSCA in Brgy. Cabac, Daram, Samar, Region 8. The video was prepared during the IFAD Mission and forwarded to PSCO.
- Documented the success stories of Fishery Law Enforcement Team (FLET) of San Pascual, Masbate, Region 5 which championed in combating the illegal fishers in the municipality.
- Articles on Balatan Fish Paste Processing and Prieto Diaz Danggit Processing were prepared and posted on the Facebook Page of FishCORAL Project Bicol. Also, a draft article on oyster culture in Milagros, Masbate was done.
- Preparation of the Danggit Processing Handbook is for approval while the preparation of the Coffee table Book is already completed.
- Vetted three (3) stories on the Project's innovations, reforms, and good practices being done in the covered regions.
- Profiling/data gathering for a seaweed's success story and/or best practice of Bogna Fisherfolk Association in Bacon District, Sorsogon.
- Finalized the Tagalized ABS Manual and submitted to PSCO for review.
- Drafted the good practice on surrendering "bukakahan" under the crab lying implementation.
- Published the AquaNegosyo Komiks (Pagpapataba ng Alimango) and distributed to the regions.
- Prepared the Project's captured best practices and lessons requested by the BFAR-FPED.
- Submitted to IFAD the requested Project's photos and stories during the COVID-19 pandemic. These photos and stories will be shared to IFAD photo library and best practices

Related Events

Participated in the Agriculture Rural Development Knowledge and Policy Platform (ARDKPP)'s Technical Working Group Meeting via Zoom on United Nations Decade of Family Farming (UNDF) Philippines National Action Planning last on October 28.

Other activities

The Agricultural Training Institute (ATI) Camarines Sur featured the implementation of CRM and livelihood subprojects of FishCORAL Project Bicol and its impact to the community with identified sites

and interviewees in Pasacao, Ragay and Del Gallego, Camarines Sur. The activity intends to recognize and popularize the various projects and services being catered by FishCORAL Project to coastal communities. The video clips of field visits will be produced and uploaded on the official Facebook account of ATI.

- Provided technical assistance to the RPMOs, mainly through the KM officers, in the revision of Communication Plans for 2020 and 2021.
- Block time radio program “Hingyap han Parupangisda” in Region 8. The program is expected to boost the indirect beneficiaries of the Project.
- Completion of the Knowledge Management Data Capture Form to track and record the various activities of KM in the region.
- Preparation and submission the KM Project Procurement Management Plan (PPMP) for 2021.
- Coordinated with the Gilcor Printing Press regarding the delivery of the remaining printed materials (ABS Manual and project notebook).
- In celebration of the Fish Conservation Week 2020, the FishCORAL Project in collaboration with the BFAR Regional Fisheries Information Staff/IEC of launched a Photography Contest dubbed as “Kulturang Bughaw ng Lokal na Baybayin: Cascade your Coastal Experiences through Photography” on September 8, 2020, and concluded on September 19, 2020, with 24 participants who have submitted their entries through online which was posted at the Facebook page of FishCORAL page. Three top winners were announced and Special Awards to wit: 1) Most Captivating Caption Award; 2) Most Creative Hashtag Award and; 3) Unique and Spectacular Photo Award.

Updating of Project Website and Social Media accounts

- Sharing of Red Tide Bulletin in FishCORAL Region 8 social media platforms to alert and educate the affected target Bays of the project. (Maqueda, Leyte Gulf in Region 8).
- Submission of project photos every month and success stories every quarter to IFAD online library.
- Regular updating of the FishCORAL Official Facebook Page for information regarding the implementation of the Project (publishing of infographics, posters, photos, articles, press releases, and news) and shared information from other fishery sites were being done. These activities intend to recognize and popularize the various projects and services being catered by projects to coastal communities. For the regular updates on the activities of the Project at the national and regional level, visit the following link:

FishCORAL Project official website
<http://fishcoral.bfar.da.gov.ph/>

Facebook page-PSCO:
<https://www.facebook.com/FishCORAL.BFAR>

Facebook page- Region 5 (Bicol):
<https://www.facebook.com/fishcoral.bicol>

Facebook page- Region 8 (Eastern Visayas):
<https://www.facebook.com/BFARregion8/>

Facebook page- Region 13 (Caraga):
<https://www.facebook.com/fishcoralcaraga/>

Facebook page-Bangsamoro Autonomous Region in Muslim Mindanao (BARMM):
<https://www.facebook.com/fishcoral.armm.3>

Coordination/ Assessment Meetings

Refer below for the meetings and assessment attended/ spearheaded by the Project within the year 2020.

- ✓ RPMOs attended the PSCO Meeting (September 3, 2020)- The meeting was conducted via Google Meet and was attended by PSCO staff and RPMO staff from the four regions. The agenda of the

meeting was the updating of the ISM Agreed Actions and status of the 2020 second semester Quarterly Work Plan and Budget

- ✓ PSCO and RPMO virtual meeting (October 9, 2020)- A virtual meeting with the PSCO and RPMO regional staff was conducted to discuss the regional updates, Implementation Support Mission (ISM) Agreed Actions and Activities up to December 2020, and the status of the 2020 second Semester Quarterly Work Plan and Budget.
- ✓ PSCO and RPMO virtual meeting (November 26, 2020)- A virtual meeting was spearheaded by the PSCO. The meeting was attended by the PSCO staff and four RPMOs. The agenda of the meeting were: a) revisions to the CY 2021-2022 Targets and Budget; b) reduction of staff; and c) directives from Undersecretary Caballero. Here are the points taken during the meeting:
 - Reason for granting the extension – continue work, no deduction in targets
 - Discussion of reason and steps to take in order to achieve remaining targets. For Region 8 there are five watch towers that will not be constructed since COA did not permit downloading of fund to the five LGUs due to non-liquidation issue of LGU with DA, this is according to the BUB Guidelines.
 - Re-computation of FS Area – the PSCO suggested the inclusion of buffer and core zone in the measurement as part of the whole Fish Sanctuary according to the suggestion of National Fisheries Research and Development Institute (NFRDI).
 - Status of sub-projects after the typhoon (if there are damaged sub-projects due to the series of typhoons that affected the country).
 - Reduction of staff for CY 2021 and appointment of Regional Office staff as counterpart to assist in the implementation of projects for next year. The RPMOs requested to retain some of the present staff which are not included in the list of proposed staff for CY 2021. Further, the RPMO were instructed to submit the regional target and accomplishments, List of existing manpower and are of assignment, and proposed list of manpower for CY 2021.
- ✓ RPMO-5 Year End- Assessment (December 18, 2020)- Conducted the RPMO-5 Year End Assessment in participation with BFAR-5. Asid Gulf Team and CFs in Sorsogon attended the said meeting via online due to the strict protocol on transportation on the said areas.
- ✓ PSCO and RPMO Livelihood Team Meeting (December 18, 2020)- A virtual Livelihood Team Meeting via Google Meet was conducted and was attended by PSCO staff and Livelihood team from 2 FishCORAL covered regions (Region 8 and Region 13). The meeting was conducted in order to plan for the 2021 implementation arrangements/strategies. The agenda of the meeting were: a) AWPB Part 1; b) ABS Group Profile update; and c) other concerns.
- ✓ RPMO Livelihood Team Meeting (September 16, 2020)- The RPMO's livelihood team attended the virtual meeting via Google Meet. The meeting discussed the review of the organizational capacity assessment tool, a list of focused commodity and target bay, mapping for BP 2020, and gathering of existing supply or value chain analysis of focused fishery enterprise.
- ✓ RPMO, and MPMO/MPIU Meetings. The RPMOs and MPMO/MPIU conducted its meeting regularly or as the need arises, primarily to discuss project updates, issues and concerns, recommendations, other matters related to Project implementation.

Partnership and Linkages

Through the livelihood development component, linkages with several institutions were established. The Department of Science and Technology (DOST) provides technical assistance in the water quality assessment of the four (4) processing centers (donated by Japan International Cooperation Agency or JICA) of the Tiklos Kabuhian han Kababayenan San Antonio Food Processor; Tinaogan Women's Association; Cambayan Women's Association; and Amandayehan Women's Association in Basey, Samar. The Land Bank of the Philippines also provided capital loans to the bangus cage operators in Tacloban City through the Agricultural Competitiveness Enhancement Fund (ACEF) program.

The Project has forged ties with key agencies such as the Department of Science and Technology (DOST) and with the Jibong Aquaculture Production and Technology Center (JAPTC) of BFAR VIII. The DOST through its Grants-In-Aid Program, will provide cash assistance worth ₱262,000.00 to Motiong Women's Association (MWA) of Poblacion 1, Motiong Samar, one of the active mussel processors and beneficiary of the processing center from FishCORAL VIII. Through the PFO of Samar, BFAR VIII will facilitate the procurement of additional processing equipment, conduct technical trainings, and oversee the operations and enterprise development of the association.

Meanwhile, the JAPTC of BFAR VIII has committed to provide five hundred (500) pieces of bangus fingerlings to Roadside Fisherfolk and Farmers Association from Poblacion 1- A, Motiong Samar who proposed to invest in bangus production. Currently, the association is involved in diversified sources of income such as grouper production and marketing, rice retailing, sari-sari store, and micro cash lending business to members.

The Project assisted the twenty-four (24) member beneficiaries of Bogna Self Help Group Association who managed the seaweed farming project in the application process of the crop insurance provided by the PCIC. They have already claimed their identity cheque from Philippine Crop Insurance Corporation (PCIC) amounting to 480, 000. The other POs whose livelihood project were also affected typhoon are still waiting to receive their crop insurance. Further coordination with different agencies such as DOLE, DTI, PCIC were also provided to support the fisherfolks in their livelihood projects operations.

Other activities conducted

International Fund for Agricultural Development (IFAD) Supervision and Implementation Support (SIS) Mission

The IFAD Supervision and Implementation Support Mission for FishCORAL Project was conducted last February 10-21, 2020. The mission (i) reviewed the project's accomplishments, progress, and targets of the Fiscal Year (FY) 2019 based on the approved Annual Work Plan and Budget (AWPB) and Annual Procurement Plan (APP); (ii) assessed the status of the agreed actions in the 2019 supervision mission; (iii) identified implementation issues and bottlenecks; and (iv) agreed with DA and BFAR management and FishCORAL staff on a set of action to improve project implementation and ensure completion in the remaining ten (10) months of the Project. The mission team is composed of Mr. Jerry Pacturan, Mr. Yolando Arban and Mr. Bernard Adrien of IFAD, Mr. Noel Quejada of NEDA and PSCO Key Officers. The mission was conducted in Region 5 (February 11 to 13); Region 13 (February 14 to 17); Region 8 (February 10 to 13); and BARMM (February 14-17).

PSCO and RPMOs participated in another IFAD Implementation Support Mission together with NEDA, DA, and BFAR held via zoom on August 5, 2020. The mission was led by Mr. Jerry Pacturan, IFAD Country Programme Officer. The Mission reviewed the regional project implementation progress and financial status, including disbursement forecast and required changes to costs, allocations, and expenditures; reviewed the status of implementation of actions agreed at the February 2020 supervision

and implementation support mission; and identified the implications of the COVID19 pandemic on project implementation, procurement, disbursement, financial management arrangements, and covenants, and possible mitigation measures.

Mr. Pacturan emphasized to fast track the document needed for the extension request. He said that the Project needs to change the Financing Agreement that should be signed by November 2020. He further emphasized that the Project should focus on the commodities and linking small farmers/fishers to a bigger market by looking at the value chain as an entire system. Further, he said that the Project should look at expanding to many Brgy.s to scale up and apply the lessons learned during the pandemic.

FishCORAL 2020 Operational and Planning Workshop

A workshop was conducted by the Project Support and Coordination Office (PSCO) last 27-31 January 2020 in Quezon City with the following objectives: (i) to update and review the status of implementation vis-a-vis annual targets and sharing of experiences; (ii) to discuss the approved 2020 Annual Work Plan and Budget (AWPB) and Annual Procurement Plan (APP); (iii) to finalize the 2020 regional operational plans; (iv) to update the status of the commitments, agreed actions and recommendations by the previous IFAD Mission; and (v) to finalize preparations for the IFAD SIS Mission.

LGU Financial Counterpart Contribution

LGU counterparts are continuously being asked from the LGUs covered by the project. For the period, the RPMO-8 received a total of P8,575,488.75 LGU counterparts for the different FishCORAL activities for 2020.

For BARMM, a total of Php108,400.00 LGU, BLGU, and POs counterpart contribution were reported through meetings, monitoring of livelihood and CRM projects, deployment, dispersal, and trainings in Savings Mobilization Illana Bay and Sulu Sea.

Total Project Reach (TPR) Status

The regular updating of the Total Project Reach (TPR) Monitoring tool is being maintained and updated regularly. The tool was revised/improved to capture sex and other sectoral disaggregation including the collection of outcome indicators. Regular updating of the tools has been a constant practice by the M&E Officers, Livelihood Officers, MIS Officers, and IGOs to avoid data discrepancies. However, there are late submission/updating of the online monitoring tools due to the workloads of some officers. There are minor discrepancies but are manageable and could be reconciled if concerned officers regularly submit reports on-time, as well as the regular coordination meeting, is conducted.

Of the total outreach of 188,000 households, the project has now covered 106,599 household beneficiaries. Of the targeted 90,596 households to be directly served by the project, the actual reach is 22,823 households. Table 12 and 13 below shows the status of the total project reaches across the regions as of December 28, 2020.

Table 12. Total Coast Households, Direct and Indirect Beneficiaries

Region	Total Coastal HH	Direct HH		Indirect Individual Fishers	Women (50%)	Youth (10%)
	Reached	Reached	Female-Headed HH	Reached	Involvement in microenterprise Reached	Reached
V	22,738	3,663	867	117,732	1,207	151
VIII	42,404	8,753	647	171,483	2,381	927
XIII	22,531	4,551	1,972	81,451	2,477	480
BARMM	18,927	5,856	1,626	114,998	2,656	1,865
Total	106,599	22,823	5,112	485, 665	8,721	3,423

Table 13. Group membership (POs, FARMCs, FLETs), Direct Household, and Women Headed under Livelihood Component

Region	Group membership			Livelihood	
	PO	FARMC	FLET	Individual Reached	Women Headed
V	4,716	74	135	3,150	620
VIII	5,847	247	353	279	75
XIII	5,051	148	124	3,835	1,369
BARMM	6,682	116	153	4,931	1,325
Total	22,296	585	765	12,195	3,389

Part 4: ISSUES/ CONCERNS AND WAY FORWARD

The pandemic has affected both project implementation and the beneficiaries themselves. On the side of the project, travel restrictions have temporarily stopped or minimized the field activities like training, coaching, M&E activities, and have delayed the delivery of materials and supplies to complete infra and livelihood sub-projects. For project beneficiaries, the pandemic has resulted in (i) slowing down of group-managed livelihood activities (e.g. fish cages, fish drying), (ii) difficulty in accessing inputs/raw materials (e.g. feeds, fingerling), (iii) reduced productivity resulting from lack of inputs, availability of labor forces, uncertainty of market, (iv) difficulty in the delivery of products or accessing outside markets because of lack of vehicles to transport their produce or high cost of transportation, (v) low pricing of fishery produce— buying prices for lobster, mangrove crabs, dried fish have gone down, (v) stoppage of exports of high-value marine products, e.g. lobster (vi) decreasing savings mobilization as members withdrew their savings to respond to cash needs.

With the easing of restrictions, project and beneficiary activities are slowly bouncing back and gatherings are now happening. Under this condition, the project should come up with guidelines in observing health and safety protocols for project staff while at the office, on travel, and in interacting with project partners and beneficiaries. See Table 14 for the challenges, issues, and concerns experienced by the Project during the period.

Table 14: Issues/Concerns and Recommendations

Issues/Concerns	Actions taken / Actions to be taken	Responsible Office	Timeline
The difficulty of suppliers in delivering livelihood materials because of restrictions in the LGUs.	Coordination with suppliers, Bay Coordinators, Community Facilitators, and LGUs to expedite the delivery of livelihood materials.	PO, BAC, RPMO, LOs, LEDO, BC, and CF	1 st Quarter of 2021 (ongoing)
Postponement of activities such as meetings and other gatherings due to the threat of COVID-19.	Coordination with the management on the resumption of the Project activities.	RPMOs	
Difficulty in accessing the project site due to limited transportation	Provision of service vehicle	RPMOs	
Slow to non-coverage of network and interconnectivity connection especially to island municipalities	Sought other efficient interconnectivity tools such as social media for information and communication	RPMOs	
Damages in the CRM and livelihood subprojects brought by Typhoons Quinta, Rolly, and Ulysses.	Typhoon damage report submitted to Bureau of Fisheries and Aquatic Resources (BFAR). Some fisherfolk have already claimed the identity cheque from Philippine Crop Insurance Corporation (PCIC).	RPMO 5, PCIC	Last quarter of 2020

Part 5: PLANNED ACTIVITIES FOR THE NEXT QUARTER

Table 15. Planned for the Next Quarter

Activity	Objective	Expected Output	Region	Date of Activity	Target Participants
Component 1: Coastal Resources Management					
Meeting with • MFARMC	To develop accountable and effective fisherfolk leaders who will truly represent and advocate the inclusion of the interests and sentiments of their sector in government.	Established MFARMC	Region 5, 8, 13, & BARM	Monthly	MFARMCs/FL ETs, Fisherfolk, LGU, IGO, and RPMOs
• FLETs	To strengthened and reorganized the FLET and for regular updating.	Strengthened FLET			

Activity	Objective	Expected Output	Region	Date of Activity	Target Participants
CRM Planning workshop and plans finalization	To formulate and update the CRM plans of each LGUs	CRM plans updated and completed	Region 5, 8, 13 and BARMM	Upon lifting of lockdown	MA, ATs, MPDO, FARMCs,
Dialogue on the delineation of Municipal waters with the NAMRIA	Delineation of Municipal waters	Delineated Municipal waters backed-up with NAMRIA map	Regions 5, 8, 13, and BARMM	Continuing activity	NAMRIA and RPMO officers
<u>Component 2: Livelihood Development</u>					
Continuous PO strengthening and capability training	To assist POs in strengthening activities and to be able to strengthen and provide technical expertise to the People's Organization	Self-sustaining, revitalized, and productive POs; POs has undergone Capacity building on strengthening	Region 5, 8, 13 and BARMM	Continuing activity	IGO, M&EO, CRMOs and Los
Selection and Implementation of livelihood projects	Review, validate & evaluate submitted business plan/proposals	Livelihood projects established and implemented	Region 5, 8, 13 and BARMM	1 st Quarter of 2021	PO/FHH, CFs, LGU, RPMO
Livelihood Training	To conduct skills training on operation and management of fishery projects	PO beneficiaries trained and Capacitated	Region 5, 8, 13 and BARMM	1 st Quarter of 2021	RPMO, CFs, PO, LO, SEAFDEC (for BARMM)
Fast-track the movement of Deliverable goods/materials	To follow-up POs & BAC to fast-track procurement process of post-harvest support; livelihood projects fully implemented and operationalized	Materials and support received by beneficiaries; Post-harvest delivered and Constructed	Region 5, 8, 13 and BARMM	1 st Quarter of 2021	CFs, RPMO, Contractors/ Suppliers, BAC
<u>Component 3: Project Management and Coordination</u>					
Monitoring of FS markers, infrastructure projects, mangroves, and livelihood projects	Track down the degree of completion; Monitor Project implementation on livelihoods	Data on the FS delineation markers; LD projects completely implemented	Region 5, Region 8, 13 and BARMM	Continuing activity	CRM & M&E officers LEDO/LO, RPMO
Monitoring of the implementation of Livelihood projects	To monitor the progress of project implementation	Number of LP and status of implementation effectiveness monitored	Livelihood sites	Monthly	LO, LEDO, RPM, and M & E O
Conduct of RPMO monthly meeting	Reporting and project updating	Successful project implementation	Region 5, 8, 13 and BARMM	Continuing activity	RPMO, BFAR, CFs

Abbreviations and Acronyms

AWPB	-Annual Work Plan and Budget
ABS-GCC	-Aqua-based Business School-Gender and Climate Change
AT	-Agriculture Technician
BAC	-Bids and Awards Committee
BARMM	-Bangsamoro Autonomous Region in Muslim Mindanao
BC/L	-Bay Coordinator/Leader
BFAR	-Bureau of Fisheries and Aquatic Resources
BMMB	-Bay Management and Multi-purpose Building
BoatR	-Boat Registration
CF	-Community Facilitator
CFLC	-Community-based Fish Landing Center
DBM	-Department of Budget and Management
DOST	-Department of Science and Technology
CRM	-Coastal Resource Management
DA	-Department of Agriculture
DENR	-Department of Environment and Natural Resources
DILG	-Department of the Interior and Local Government
DTI	-Department of Trade and Industry
FARMC	-Fisheries and Aquatic Resources Management Council
F/HH	-Fishing/Household
FGDs	-Focused Group Discussion
FLET	-Fisheries Law Enforcement Team
FishCORAL	-Fisheries Coastal Resources and Livelihood Project
FishR	-Fisherfolk Registration
FO	-Fisherfolk Organizations
FS	-Fish Sanctuary
GAD	-Gender and Development
HH	-Household
IAP	-Annual Investment Plans
IGO/S	-Institutions and Gender Officer/Specialist
IP	-Indigenous People
IFAD	-International Fund for Agricultural Development
IATF	-Inter-Agency Task Force
LCE	-Local Chief Executives
LGU	-Local Government Unit
LO	-Livelihood Officer
LEDO	-Livelihood Enterprise Development Officer
KM	-Knowledge Management
M&E	-Monitoring and Evaluation
MIS	-Management and Information System
M/CPMO	-Municipal/City Project Management Office
MAO	-Municipal Agriculture Office
MFRS	-Municipal Fisherfolk Registration System
MoA	-Memorandum of Agreement
MPA	-Marine Protected Area
MPDO	-Municipal Planning and Development Office
MPIU	-Municipal Project Implementing Unit

MPMO	-Municipal Project Management Office
MoU	-Memorandum of Understanding
NEDA	-National Economic and Development Authority
NAMRIA	-National Mapping and Resource Information Authority
OMA/MAO	-Office of the Municipal Agriculturalist/ Municipal Agriculture Office
OWPA	-Overall Weighted Physical Accomplishment
PFO	-Provincial Fisheries Office
PLGU	-Provincial Local Government Unit
PSCO	-Project Support and Coordination Office
PRSA	-Participatory Resource and Socio-Economic Assessment
PSC	-Project Steering Committee
PCIC	-Philippine Crop Insurance Corporation
PO	-People's Organization
RCSC	-Regional Coordination and Support Committee
RPC/M	-Regional Project Coordinator/Manager
RPMO	-Regional Project Management Office
SPCMAD	-Special Projects Coordination and Management Assistance Division
UFO	-Unified Fishery Ordinance