



Fisheries, Coastal Resources and Livelihood Project

FishCORAL

**ANNUAL PHYSICAL ACCOMPLISHMENT REPORT
YEAR 2017**

A. Background

The Fisheries, Coastal Resources and Livelihood Project (FishCORAL) aims to implement sustainable management of coastal resources and to improve the quality of life of local natural resources-dependent communities within the coastal areas. The Department of Agriculture is the executing agency with the Bureau of Fisheries and Aquatic Resources as the implementing agency. FishCORAL became effective on the 26 October 2015 and is scheduled for completion date on 31 December 2020. The Project goal is reduced poverty in the target coastal communities of the 11 target bays in Regions 5, 8 and 13 and the Autonomous Region in Muslim Mindanao. Project activities are organized around three components: (i) Coastal Resource Management (CRM); (ii) Livelihood Development; and (iii) Project Management and Coordination.

B. Accomplishments

Component 1: Coastal Resource Management (CRM)

1. Bay Management Council (BMC) Formation and Strengthening

Of 11, there are 8 BMCs formed in Regions 5, 8 13 and ARMM. See Table 1 for BMC Status.

Table 1 Bay Management Councils

<i>Region</i>	<i>Bay</i>	<i>Status/Remarks</i>
Region 5	Ragay Gulf	Organized (Ragay Gulf BMC)
	Asid Gulf	Organized (Asid Gulf BMC)
	Albay Gulf	Organized (Albay Gulf BMC)
Region 8 ¹	Matarinao Bay	To be organized
	Leyte Gulf	To organize 2 BMCs; 1 organized (Alliance of Seven for Integrated Coastal Zone Management)
	Silago-Cabalian Bay	Organized (Pacific Alliance of LGUs for Marine Resources Development Council)
	Maqueda Bay	To be organized
Region 13	Butuan Bay	Organized (Butuan Bay Alliance)
	Liang-Bislig- Hinatuan	To be organized
ARMM	Illana Bay	Organized (Illana BMC)
	Sulu Sea	Organized (Sulu Sea BMC)

¹ 5 BMCs will be created/formed in Region 8 since Leyte Gulf will have 2 BMCs

The reactivation of the Coastal Community Alliance Unified for Sustainable Ecosystem (CCAUSE) as BMC for Lianga Bay was initially done in Region 13. However, consultations are to be made in 2018 with the LGUs covering the Lianga-Hinatuan-Bislig Bays to agree on the integration and establishment of 1 BMC for the 3 bays.

2. Fishery Law Enforcement Teams (FLETs) and Fisheries and Aquatic Resources Management Councils (FARMCs)

The Project conducted assessments of FLETs and FARMCs. Results indicate that there is a need to enhance their capacity. A need for reorientation on fishery laws and related policies is also a concern. For FLETs, one of the concerns was a need for additional equipment to be used during operation.

There were also FARMC meetings facilitated by RPMOs and attended by LGU representatives, and members of the council. These meetings served as a venue for discussing matters related to fisheries.

There were 18 batches of training conducted (CRM, EAFM, PCRA, FLET) in Regions 5, 8 13 and ARMM. These were attended by the deputized FLET/Bantay Dagat, PNP representatives, FARMC members, and PO members. See Table 2.

Table 2 Training (CRM, EAFM, PCRA, FLET)

Region	No. of Batches	Participants		
		Male	Female	Total
Region 5	3	129	36	165
Region 8	9	207	37	244
Region 13	3	199	104	303
ARMM	3	130	28	158
Total	18	665	205	870

3. Delineation of Municipal Waters

Coordination activities to provide support in the delineation and zoning of the municipal waters were made by RPMOs with LGUs and NAMRIA. Concerns on the delineation of municipal water will be raised during BMC meetings.

4. Patrol Boat Engines and Equipment

There was a request approved by IFAD to complete the procurement of the patrol boats to include the hulls instead of only the engines. Request for authority was not issued by the DBM by end of the year, hence only procurement of boat engines was continued. The hulls will be the counterpart of the regions following the number of units to be built as reflected in their targets. Procurement of equipment for the patrol boats was completed by the end of the year.

5. Support to Municipal Licensing System

The Project has been providing assistance in the fisherfolk and fishing boat registration (FishR and BoatR) in its covered municipalities. There was a total of 1,104 fisherfolk assisted in the registration in Regions 5, 8, and 13.

6. Bay Management and Multi-purpose Building (BMMB)

Construction of BMMB in Butuan City, Agusan del Sur (Region 13) is 100% completed. Another building in Datu Odin Sinsuat, Maguindanao (ARMM) is under construction (or 10% completed). Site identification and validation other proposed BMMBs were also undertaken. See Table 3.

Table 3 Bay Management and Multi-purpose Building Sites

<i>Region</i>	<i>Bay</i>	<i>Proposed Location</i>	<i>Status</i>
Region 5	Ragay Gulf	Brgy. San Cirilo, Pasacao, Camarines Sur	For fund transfer to LGU; MOA signed
	Asid Gulf	Brgy. San Vicente, Cawayan, Masbate	For fund transfer to LGU; MOA signed
	Albay Gulf	Brgy. Dapdap, Legaspi City, Albay	For fund transfer to LGU; MOA signed
Region 8	Matarinao Bay	Brgy. 2, Hernani	For fund transfer to LGU; MOA signed
	Leyte Gulf	Brgy. Diit, Tacloban City, Leyte	Contract awarded
	Silago-Cabalian Bay	Brgy. Sta. Cruz, San Juan, Southern Leyte	For fund transfer to LGU; MOA signed
	Maqueda Bay	Pinabacdao, Western Samar	For fund transfer to LGU; MOA signed
Region 13	Butuan Bay	Brgy. Masao, Butuan City, Agusan del Norte	100% completed
	Lianga-Bislig-Hinatuan	Brgy. Poblacion, Lianga, Surigao del Sur	Contract for award
ARMM	Illana Bay	Brgy. Badak, Datu Odin Sinsuat, Maguindanao	Construction started; 10% completed
	Sulu Sea	Brgy. Lower Portholland, Maluso	Contract awarded

7. Municipal Watchtowers

Of 103, there are 9 watchtowers under construction in Regions 8 (5) and ARMM (4) and will be completed in January 2018. These are located in the municipalities of Palo, MacArthur, Dulag (Leyte), Marabut and Pinabacdao (Western Samar), Datu Odin Sinsuat, Parang (Maguindanao); Panamao (Sulu), and Hadji Mutamad (Basilan). These 9 watchtowers will be completed in January 2018. Site development for the proposed watchtower in Zumarraga (Western Samar) is ongoing.

The rest of the proposed watchtower are generally under procurement while others are on the completion of requirements such as tenurial instruments, deed of donation or usufruct right. Dialogues were also made with LGUs on the submission of documentary requirements showing ownership of identified sites for watchtowers. For government-owned sites, mayor's certification or proof of LGU ownership have to be issued.

8. Participatory Resource and Socio-economic Assessment (PRSA)

The Mindanao State University - Naawan Campus (PRSA contractor) and RPMO 13 jointly conducted the PRSA Training for Butuan Bay and Lianga-Hinatuan-Bislig Bay. The activity

was participated by the RPMO Staff, Municipal Agriculturists, Agricultural Technologists for Fisheries, fisherfolk, and CFs. Table 4 shows Status of PRSA.

Table 4 Participatory Resource and Socio-economic Assessment

<i>Region</i>	<i>Entity to be Contracted</i>	<i>Coverage Area</i>	<i>Status/ Remarks</i>
Region 5	-	Ragay Gulf, Albay Gulf, and Asid Gulf	Failed bidding; for contracting in 2018.
Region 8	Visayas State University and UP Tacloban	Silago-Cabalian Bays (VSU); Leyte Gulf, Matarinao and Maqueda Bays (UP Tacloban)	Revised proposal for negotiation w/ UP and VSU.
Region 13	MSU – Naawan	Butuan and Lianga-Bislig-Hinatuan Bays	Data gathering for Butuan Bay completed/ packaging of report is ongoing; data gathering for Lianga-Bislig-Hinatuan Bay is on-going and to be completed in January 2018
ARMM	-	Illana Bay and Sulu Sea	Reposted.

9. Municipal Coastal Resource Management Plans

Continued gathering of CRM Plans was made to determine the type of assistance that the Project may provide among municipalities in updating their CRM Plans.

As of 2017, there were 35 municipalities that have already formulated and updated their CRM Plans. Out of these, 22 were assisted by the Project. Series of Participatory Coastal Resource Assessment (PCRA) were also conducted in the municipalities of Regions 5 and 13.

The data and information from the PRSA will be used to update or enhance the municipal CRM plans.

The RPMOs are at present coordinating with the LGUs to update their CRM plans.

10. Fish Landing Facilities

Construction of jetty port at Brgy. Tagpuro, Tacloban City in Region 8 has started on December 11, 2017, and will be completed in April 2018. The jetty port for Region 5 is for fund transfer to Pasacao (Camarines Sur), while for Region 13, half of the fund was already downloaded to LGU of Cagwait (Surigao del Sur).

11. Mangrove Rehabilitation Projects

As of today, the Project has identified a total of 489 hectares potential for mangrove rehabilitation.

There were consultations with the City/Municipal Environment and Natural Resources (C/MENRO) regarding the potential location for mangrove rehabilitation project. Identification of sites was also made in coordination with Brgy. LGUs and fisherfolk. Refer to Table 5 for the municipalities with potential sites for mangrove rehabilitation.

Table 5 Potential Sites for Mangrove Rehabilitation

<i>Region</i>	<i>Municipality</i>	<i>Estimated Area</i>
Region 5	Cawayan, Milagros, Balud, Esperanza (Masbate), Del Gallego, Ragay, Sipocot, Libmanan (Camarines Sur)	74 has.
Region 8	Hernani (Eastern Samar), Calbiga (Southern Samar); Silago, St. Bernard (Southern Leyte); Basey, Jiabong, Motiong, Paranas, San Sebastian, Catbalogan, Pinabacdao, Talalora, Zumarraga (Western Samar); Tanauan, Mayorga (Leyte)	133 has.
Region 13	Cabadbaran City, Nasipit (Agusan de Norte), Cagwait, Tago, Lingig, Hinatuan, Barobo, San Agustin, Bayabas, Marihatag and Lianga (Surigao del Sur).	170 has.
ARMM	Tabuan Lasa (Basilan), Lantawan, Hadji Muhtamad, Picong (Lanao del Sur), Sultan Kudarat (Maguindanao)	112 has.
Total		489 has.

As of the period, a total of 373,336 mangrove propagules have been planted in 120 hectares. The planting activity was made in partnership with POs. See Table 6.

Table 6 No. of hectareage planted with mangrove propagules

<i>Region</i>	<i>Municipalities</i>	<i>Hectares</i>	<i>No. of mangrove propagules</i>	<i>No. of beneficiaries</i>		
				<i>Male</i>	<i>Female</i>	<i>Total</i>
Region 5	Milagros, Masbate	4	13,336	9	6	15
Region 8	Calbiga, Southern Leyte; Lawaan, Eastern Samar	84	254,400	183	137	320
Region 13	Cagwait, Barobo, San Agustin, Lianga, Marihatag, Surigao del Sur; Cabadbaran, Agusan del Norte	32	105,600	215	150	365
Total		120	373,336	407	293	700

12. Motorcycle

A total of 37 units of motorcycles were already delivered by the supplier at BFAR RO 5. Region 8 has already turned over the 50 units of motorcycles to RPMO, PFOs, and LGUs.

There is a winning bidder for the 20 motorcycles that are to be purchased in Region 13. For ARMM, bidding for the 27 motorcycles will be scheduled in January 2018.

13. Support to Fish Sanctuaries

There were already 185 fish sanctuary markers installed along Silago-Cabalian Bay (110 units), Maqueda Bay (4 units), Matarinao Bay (12 units) and Leyte Gulf (59 units) in Region 8.

The design for FS markers in Regions 5 and ARMM has already been prepared finalized.

14. Protection and Rehabilitation of Seagrasses

About 3.5 hectares with potential for seagrass rehabilitation was identified in ARMM. The area was determined in coordination with the Barangay LGU and fisherfolk. Site validation is ongoing.

15. Other Resource Management Measures

Table 7 below shows other Resource Management Measures and status.

Table 7 Other Resource Management Measures

<i>Resource Management Measure</i>	<i>Region</i>	<i>Status</i>
CRM Learning Center (marine and fishery equipment)	Region 5	Contract is for award; laboratory equipment (water analysis and fish health equipment) with taker.
Blue swimming crab holding cage	Region 8	With a winning bidder; the design was modified.
Artificial reefs, diving gears/ hatchery equipment, fish sanctuary	Region 13	Artificial reefs for Cabadbaran and Carmen (Agusan del Norte) on procurement; diving gears/ hatchery equipment for award; fish sanctuary for Jabonga is for revalidation (Jabonga will be provided with FS markers)
Coral nursery unit (bed-typed)	ARMM	Design prepared.

16. Marine Species Stock Enhancement Projects

Table 8 presents the status of stock enhancement projects.

Table 8 Status of Stock Enhancement Projects

<i>Species</i>	<i>Region</i>	<i>Status</i>	<i>Remarks</i>
Giant clam	Region 5	New sites identified in fish sanctuaries of Pasacao (Camarines Sur) and Cawayan (Masbate); PR for materials approved.	Previously identified were milkfish and mudcrab; project proposal prepared.
Blue swimming crab, abalone, sea cucumber, and giant clam	Region 8	Dispersal of 2,000 blue swimming crab juveniles was done in Maybay Reef; also dispersal of 5,000 abalone, 3,000 sea cucumber, and 30 giant clams were also done in Manapag Reef.	Enhancement of blue swimming crab is also considered as one of the target species aside from abalone, giant clam, and sea cucumber; collaboration with the Guiuan Marine Fisheries Development Center being made.
Sea cucumber, giant clam, sea cucumber	Region 13	Proposed sites were identified for sea cucumber and giant clam in Barobo SDS and Carmen; sea cucumber on pre-implementation stage (social preparation and IEC/validation); giant clam on implementation stage and for seeding on the first week of January 2018.	Giant clam for seeding on the first week of January 2018.
Nursery cage for finfishes	ARMM	Post qualification report is for approval.	Preferred species are siganids and grouper.

17. Supplemental Artificial Reefs

For artificial reefs, proposed site was identified in the Municipality of Pasacao, Camarines Sur (Region 5). For ARMM, there are 5-7 hectares ready for validation Panglima Tahil (Sulu) and Sumisip (Basilan).

18. IT Equipment

Delivery of IT Equipment was completed in Regions 5, 8, 13 and ARMM. These are desktop computers with printers, laptop computers, scanner, digital copier, LCD projectors, and fax machine.

19. Capacity Building for Project Staff and Partners

Training

Training of Trainers (ToT) on PCRA was conducted in Region 5. In this activity, the community facilitators (CFs) who completed the course served as co-facilitators. They would lead the assessment of mangrove, seagrass, coral reef area and socio-economic status of the municipality. There were also batches of PCRA conducted in Region 13. Results from this activity will contribute to the updating of CRM plan.

RPMO 13 conducted the Ecosystem Approach to Fisheries Management (EAFM) Training Workshop participated by the Municipal Agriculturists, Agricultural Technologist for Fisheries, Municipal Planning and Development Officer, Sangguniang Bayan Members and CFs of the Province of Surigao del Sur.

Workshop

The Project has conducted several workshops on Marine Spatial Planning and Zoning of Municipal Waters (Region 13); Drafting of Fishery Ordinance (Region 5); and Review and Updating of CRM Plan (Region 5).

A workshop was held on GPS Reading and Nautical Maps Charting for Ragay Gulf and Albay Gulf in Region 5. This was participated by CFs assigned in the gulf and LGUs. This approach is a form of capability build-up to Project staff and partners.

20. Coordination and Networking

Continued coordination (meetings, consultations, dialogues) with LGUs, agencies, institutions, and other organization were being done for possible complementation.

Component 2: Livelihood Development

21. Livelihood Technical Working Group

Each region has already established its own Technical Working Group for livelihood component. The TWGs are functional.

22. Group Formation and Strengthening

A total of 691 POs was formed/ activated during the period.

Coordination meetings and dialogues are being done with POs for Project updating which includes updates on livelihood projects. PO profiling is ongoing. Households were also considered as potential beneficiaries for livelihood projects. The Project has been providing assistance in the registration of POs.

Selection of the beneficiaries for the proposed livelihood projects in the barangays has been started. Project proposals have been submitted by POs and are under review by the RPMO to be recommended to the regional livelihood technical working group. Proposals are mainly on fishery-related livelihood activities which include fish cage, mussel culture, seaweed farming, mud crab culture, tilapia culture and fish processing.

23. Livelihood Development

Validation and approval of the proposed livelihood projects were made in 4 regions. Most are under procurement process. A total of 340 (Reg. 5 – 83, Reg. 8 – 89, Reg. 13 – 100, and

ARMM – 69) livelihood project proposals were already approved with a total of 10,847 (6,413 male; 4,434 female) target beneficiaries. Most of the approved livelihood proposals are seaweed farming, aquasilviculture, fish culture, mussel/oyster culture, sea cucumber, mud crab, fish processing, lobster culture, fish pots and other enterprises.

The polyculture/aquasilviculture project in Brgy. Sacol, Buenavista, Butuan City is operational since September 2017. Stocks are bangus and mudcrab. The target of harvest will be in the last week of January 2018. If managed properly, the 27 members (15 male and 12 female) of Tabigue Marginal Fishermen's Association will be benefitted.

24. Community-based and BFAR hatchery development and enhancement facilities

The rehabilitation/ construction of hatchery located at Tiwi (Albay) in Region 5 is now at 35% completed.

Some of the equipment for the hatchery located at Guiuan, Eastern Samar were installed while some are under procurement. For Region 13, contract for the improvement of Cortes Multi-Species hatchery is ready for the award. For ARMM, the bid opening is scheduled on January 4, 2018.

25. Communal Seaweed Solar Dryer

For Region 8, constructions of 2 units of the solar dryer (for seaweed and fish drying) are under construction. These are located at Brgy. Vigan, Gen. MacArthur (Eastern Samar) and Brgy. Tinago, Calbiga (Western Samar). Construction started in December 2017. The Solar dryer for dried fish includes storage and fish drying equipment. Target beneficiaries for these are 318 (121 male, 162 female) members of PO.

There are 35 solar dryers for fund transfer to LGUs in Region 5. Funds for the 3 units of solar dryers for Manito and Sorsogon City (Albay) of Region 5 were already transferred to the LGUs and are for bidding. For Region 8, contract for the construction of 8 solar dryers are awarded and will be constructed in the municipalities of Hinunangan, General MacArthur, Zumarraga, Guiuan (3), Calbiga and Anahawan. For Region 13, there is already a winning bidder for the construction of 4 units of the solar dryer (3 units in Barobo and 1 unit in Lianga) while 5 units for Hinatuan are for completion of requirements. For ARMM, 11 seaweed solar dryer proposals (mostly for target areas in Sulu and Basilan) are approved and validated.

26. Mobile Ice Makers and Chest Freezers

Mobile ice makers for Region 5 already have a winning bidder and are ready for award. There are 8 units that are for delivery in the municipalities of Region 8.

Three blast freezers will be awarded in Region 13. For ARMM, the mobile ice maker will be converted into chest freezer.

For Region 8, the 80 units of freezers turned over to POs in the 3rd quarter of 2017 are operational. An additional of 4 units of freezers were picked up by POs from BFAR RO 5. Eighteen units of chest freezers were delivered to RPMO 13. There were proposals for chest freezer validated and approved in ARMM.

27. Capacity Building on Gender and Development

Continuous Gender and Development (GAD) efforts were made to ensure gender institutionalization across all activities (i.e. social preparation for the POs) of FishCORAL.

Two batches of Gender and Sensitivity Training were conducted in Regions 8 and ARMM. For Region 8, GST was held last November 13-17 at Hotel Rodolfo, Tacloban City attended by 36 participants while GST for ARMM last November 20-21 was held at Marcian Business Hotel in Zamboanga City with 32 participants. Participants were from BFAR organic staff, FLDTs, CFs and RPMO staff.

There were 10 batches of Gender Sensitivity Training or GAD Mainstreaming held in 4 regions. The workshop stressed the importance of integrating it into the CRM and Livelihood Development components of the project. The training was participated by selected CFs, RPMO staff, the BFAR RO staff, and resource persons from PSCO. See Table 9.

Table 9 Gender Sensitivity Training

Region	Date	No. of Participants		
		Male	Female	Total
Region 5	November 17, 2017	26	28	54
	December 1, 2017	16	13	29
	December 6, 2017	27	21	48
	December 14, 2017	31	17	48
Region 8	May 4-5, 2017	10	16	26
	November 13-15, 2017	8	16	24
	November 15-17, 2017	10	14	24
Region 13	August 26 - 28, 2017	31	12	43
ARMM	September 24-26, 2017	16	28	44
	November 20-21, 2017	14	16	30
Total		189	181	370

Ten batches of training/workshop on Gender and Financial Literacy were also conducted in Region 5 with 495 participants (287 male and 208 female) composed of PO key officers and members of the barangay council.

28. Training or Workshops

Seminar on food safety standards was conducted last October 9-10, 2017 at Nipa Garden, San Jose, Tacloban City with CFs and selected RPMO staff as participants. This was followed by a meeting last October 11 to discuss technical considerations on tilapia culture. These activities were done to improve business plans related to fish processing and tilapia culture.

The FishCORAL Aqua-based Business School Writeshop was conducted last November 23-24, 2017 at Hotel Rodolfo, Tacloban City in partnership with the CIP FoodSTART+. The activity served as a venue in the refinement and adaptation of FBS curriculum within the context of FishCORAL Project. Participants were from PSCO, RPMOs and BFAR organic staff of Regions 5, 8, 13, and ARMM.

In partnership with CIP-FoodSTART+, Aqua-based Business School Training of Facilitators (TOF) was conducted in Davao City. Participants were CFs, FLDTs, RPMO staff and PSCO. Resource persons were from CIP-FoodSTART+. Objectives of the training were to: 1) develop capacities of Project Staff as facilitators for ABS implementation, and 2) develop an action plan for organizing ABS in FishCORAL sites in ARMM. A value chain framework within the context of climate change was applied. Resource persons provided lectures and group exercises and fieldwork. There were also field/market visits where participants were deployed and given the opportunity to interact with chain actors (e.g. traders, producers, consumers). The draft action plan was also developed per region.

29. Skills training for People's Organizations

Technology Training for Fish Processing: Bottling (bangus sardines) was conducted in Region 5. This was participated by members of Bayanihan Savings Replication Organization (BSRO) in Brgy. San Juan, Del Gallego, Camarines Sur. A total of 18 participants consisting of 6 Male and 12 Female attended the activity.

Training on Milkfish Deboning was conducted at Brgy. Trinidad, Tubabao Island in Guiuan (Eastern Samar) last June 9-10, 2017. This activity was participated by 54 members (16 male and 38 female) of *Organisasyon ng mga Mahihirap as Trinidad*.

30. Knowledge Sharing

The Project conducted a knowledge sharing activity in the municipalities of Cagdianao (Dinagat Islands) and Del Carmen, (Surigao del Norte). This was participated by BFAR 13 organic staff, RPMO 13 staff and LGU representatives of San Agustin. Learnings acquired from the activity will be popularized to those households or organizations who will be engaged with similar livelihood project.

The PSCO LO and RPMO LO together with the selected CFs conducted a cross-visit in Sta. Cruz, Davao del Sur. The group visited the different project sites in the area and conducted interaction with POs. Sites visited are: 1) BFAR 11 fish cages (bangus, snapper, siganid, shrimps, grouper); 2) Fishponds (red tilapia and bangus); 3) Mudcrab culture; 4) Fry collector (grouper, shrimps, etc.) and grow-out hatchery (stock enhancement of mudcrabs); 5) Fish processing area; 6) BFAR 11 Multi-Species Hatchery; and 7) Bangus fish cage (PO actual harvest operations).

31. Other Activities

a. Gathering of barangay and municipal profile

As of this period, there were 89 city/ municipal profiles and 626 barangay profiles gathered. Municipal and barangay profiles are being completed. Fisherfolk profiling is also being done.

b. Partnership and Linkaging

The Project has continuously considered potential partnerships and linkages with different agencies like DA, DSWD, DOST, DTI, and NGOs that may complement in some of the undertakings related to CRM and livelihood development.

c. Coaching and Mentoring

Coaching and mentoring activities were continuously done with concerned Project staff and CFs to capacitate them in handling Project-related activities (i. e. business plan preparation,

conduct of FGD). Series of reorientation on livelihood development guidelines were also conducted.

d. Meetings

A joint PSCO and RPMO livelihood consultation meeting was held on October 18-19, 2017 to aid RPMO staff in the preparation of business plans.

Technical meetings on livelihood was conducted in Regions 8 and 5. This was attended by IFAD representatives, PSCO officers, RPMO personnel and community facilitators. There were presentations of draft livelihood project proposals. It was suggested that entries on financial should be revisited. Guidelines on livelihood development was also discussed.

Component 3: Project Management and Coordination

32. Memorandum of Agreement

Memoranda of Agreement with LGUs were completed for the 103 municipalities. These LGUs have signified their support to Project and its integration to their CRM plans. The signed Memorandum of Agreement (MOA) were already forwarded to the RPMOs.

33. Municipal Project Management Office or Municipal Project Implementing Unit

There are already 80 MPMOs and 23 MPIUs (for ARMM) established as of the period. Copies of Executive Orders on the creation of 103 MPMO/MPIU are received by RPMOs. There were MPMO/MPIU meetings held during the period primarily to discuss project updates, issues and concerns, recommendations, other matters related to Project implementation.

34. Monitoring and Evaluation (M&E)

The Project completed the roll-out of the approved Project M&E Guidelines in 4 regions. This was participated by the Regional M&E Officer/Assistant, MIS Officer, and Gender Officer. The activity aimed at discussing the Approved Project M&E guidelines, Expanded Logical Framework, and Theory of Change. The templates presented during the roll-out will be used for the reporting and monitoring activities.

Site monitoring activities were also conducted in the four regions.

For Region 8, field visit was done in Marabut, Samar to monitor the installed fish sanctuary markers, watchtower site, motorcycle for LGU, and upright freezers for POs. The PSCO also visited the on-going construction of BFAR 5 hatchery at Tiwi, Albay in Region 5. For Region 13, sites visited were the on-going construction BMMB in Masao, Butuan City and the existing livelihood project (Bangus and Crab Culture) located at Brgy. Sacol, Buenavista. For ARMM, site visitation was conducted in the ongoing BMMB and watchtowers in Datu Odin Sinsuat and Parang, Maguindanao.

Physical and Financial Reports (Monthly, Quarterly, and Annual) were submitted to DA-BFAR, DA-Special Programs/Projects Coordination & Management Assistance Division (SPCMAD), NEDA and IFAD.

Geotagging of the ongoing sub-projects (BMMBs, watchtowers, solar dryers, hatcheries, livelihood projects, etc.) is being established.

PSCO staff conducted monitoring in selected sub-projects in 4 regions. Findings were reflected in Table 10.

Table 10 Field Visit to Selected Sub-projects and Findings

<i>Region</i>	<i>Name of Sub-projects</i>	<i>Status/ Findings</i>
Region 5	Rehabilitation of BFAR 5 hatchery at Tiwi, Albay	35% completed; equipment and facilities are for delivery
Region 8	Fish sanctuary markers	Installed; defective markers was coordinated to the supplier for replacement
	Watchtower in Marabut, Samar	Under construction
	Upright freezers	80 units turned over to 65 POs
Region 13	BMMB in Butuan City	100% completed
	Polyculture project at Brgy. Sacol, Buenavista	Stocked with 2,000 milkfish fry and 500 mudcrab juveniles; started in September 2017; first cropping will be in January
ARMM	BMMB in Datu Odin Sinsuat, Maguindanao	10% completed
	Watchtower in Datu Odin Sinsuat, Maguindanao	10% completed
	Watchtower in Parang, Maguindanao	90% completed
	Watchtower site in Picong, Lanao del Sur	Site is suitable; the proposed site is owned by the municipal mayor; RIO and CF to complete requirements
	Watchtower site in Balabagan, Lanao del Sur	Site is suitable; the proposed site is privately-owned; with deed of donation; RIO and CF to complete requirements
	Watchtower in Sultan Mastura, Maguindanao	According to the RPC and RIO site is not suitable; LGU will identify new site

35. IFAD Project Missions

Project Missions

A Follow-up and Implementation Support Mission for FishCORAL Project was conducted on May 23 to June 05, 2017 that assessed the status of the agreed actions of the 2016 supervision and implementation support mission, the progress of implementing the 2017 Annual Work Plan and Budget (AWPB) and Annual Procurement Plan (APP), the completeness of Project staffing and Project implementation arrangements at all levels, and agreed on a set of actions for the following months until the regular supervision and implementation support mission scheduled in September 2017. Mission members were Mr. Jerry Pacturan and Mr. Yolando Arban (IFAD), Ms. Arma Bertuso (CIP-FoodSTART+), and PSCO Officers.

The 2nd IFAD Follow-Up Mission was held last October 18-19, 2017 headed by the Mr. Omer Zafar (Asia-Pacific Country Programs Manager), Mr. Jerry Pacturan (Country Programs Officer) and Mr. Rolando Arban (IFAD Consultant) together with the staff of the PSCO for the revalidation of the previously conducted IFAD Mission last September 2017. Site visitation in the Aquasilvi Project located at Brgy. Sacol, Buenavista, Agusan del Norte and a dialogue with PO members at Masao, Butuan City were conducted.

The IFAD Team conducted project's second Supervision Mission, which took place from 1 to 14 September 2017. The mission's objectives were to assess the progress of project implementation; identify implementation issues and bottlenecks; and agree on a set of actions to resolve constraints and improve implementation. The team consulted with: project staff at the Bureau of Fisheries and Aquatic Resources (BFAR) at national and regional levels; Mayors and Municipality and City staff in Local Government Units (LGUs) in the regions; and communities and People's Organizations (POs). Aide-memoire was prepared, reviewed and discussed with key stakeholders at the mission's wrap-up meeting in Manila on 14 September 2017.

Financial Management Mission led by Mr. Ed Angeles (IFAD) was held in 4 regions from October 17 to 28, 2017. The mission served as a venue to review disbursement/ financial report of the Project, conduct an orientation on IFAD policies and exit conference, and meet with RPMO staff and the BFAR Regional Accountant and Budget Officer.

36. Regional Coordination and Support Committee

Regional Coordination and Support Committee (RCSC) was established in Regions 5, 8, 13 and ARMM.

There were RCSC meetings held in Regions 5, 8, 13, and ARMM. The meeting served as a venue to discuss Project implementation status, issues/concerns, and next steps. There were representatives from the Department of the Interior and Local Government (DILG), National Economic and Development Authority (NEDA), Department of Environment and Natural Resources (DENR), Department of Agriculture (DA), Department of Science and Technology (DOST), Department of Public Works and Highways (DPWH), Department of Trade and Industry (DTI), Philippine Coast Guard (PCG), and Philippine National Police (PNP).

37. FishCORAL Planning Workshop

The PSCO conducted the Mid-Year Planning Workshop on 19-24 June 2017 in Quezon City to discuss the second semester catch-up plans and compliance to the recommendations of the IFAD Follow-up Mission. To prepare the 2018 AWPB and APP for submission to the Project Steering Committee, a Planning Workshop was held on November 06-10, Icon Hotel Timog, Quezon City. Participants for both workshops were the BFAR Regional Directors, officers from BFAR Central Office, Regional Offices, RPMO, and PSCO.

A Project Technical and Planning Workshop was held last 16-20 January 2017, Icon Hotel, Quezon City. Its main objective is to prepare the Annual Work Plan and Budget and Annual Procurement Plan for 2017. It was attended by RPMO officers and BFAR Regional Officers of four (4) regions covered by the FishCORAL Project. The workshop also served as venue on discussing Project accomplishments in 2016, present status and plans/targets for 2017. Workshop outputs include: 1) 2017 Annual Work Plan Budget (AWPB) ; and 2) 2017 Annual Procurement Plan (APP).

The PSCO conducted the Mid-Year Planning Workshop on 19-24 June 2017 in Quezon City to discuss the second semester catch-up plans and compliance to the recommendations of the IFAD Follow-up Mission. To prepare the 2018 AWPB and APP for submission to the Project Steering Committee, a Planning Workshop was held on November 06-10, Icon Hotel Timog, Quezon City. Participants for both workshops were the BFAR Regional Directors, officers from BFAR Central Office, Regional Offices, RPMO, and PSCO.

M&E System Workshops for Region 5, 8, 13 and ARMM were completed. For Region 5, workshop was conducted last March 29-30; Region 8, workshop was on February 21-24; Region 13, workshop was held last March 9-10, and; ARMM, was on March 15-16, 2017. Participants were RPMO Officers, BFAR Regional Officers involved in the Project and Provincial Fisheries Officers (PFOs). Site visits and consultation meetings with POs were also part of the activity.

38. Delegation from the IFAD-financed Coastal Community Development Project (CCDP)

A delegation from the IFAD-financed CCDP of the Indonesia Ministry of Marine Affairs and Fisheries (MMAF) and the CCDP Project Implementation Units (PIUs)/District Fisheries Agencies included in their visit a meeting with FishCORAL officers held on November 29, 2017. The meeting was a venue for exchange of experiences, learnings and good practices on their respective project implementation.

39. Coordination Meetings

The PSCO hosted the FishCORAL Management Meeting last October 10, 2017, at Icon Hotel, Quezon City. This was attended by PSCO, RPMOs and BFAR Regional Staff.

Meetings were done both for the PSCO and RPMO level. Matters related to Project implementation were being discussed in the meeting, including issues and concerns. There were also coordination meetings with IFAD representatives, BFAR key staff and Project staff to discuss Project physical and financial status.

40. Capacity Building for Project Staff

Training

Two batches of Training of Facilitators on Farmers Business School (FBS) Approach with Climate Change and Gender Perspectives was jointly organized by BFAR-FishCORAL and CIP-FoodStart+ in Region 8 and ARMM held last April 3 – 7 and December 17-20, respectively. The FBS is a participatory action learning approach supporting farmers' participation in dynamic agricultural value chains. This was participated by members of people's organization, LGU representatives, agriculture/fisheries technicians, community facilitators, FLDTs, RPMO representatives and PSCO.

In partnership with CIP-FoodSTART+, Aqua-based Business School Training of Facilitators (TOF) was conducted in Davao City. Participants were CFs, FLDTs, RPMO staff and PSCO. Resource persons were from CIP-FoodSTART+. Objectives of the training were to: 1) develop capacities of Project Staff as facilitators for ABS implementation, and 2) develop an action plan for organizing ABS in FishCORAL sites in ARMM.

A value chain framework within the context of climate change was applied. Resource persons provided lectures and group exercises and fieldwork. There were also field/market visits where participants were deployed and given the opportunity to interact with chain actors (e.g. traders, producers, consumers). The draft action plan was also developed per region.

Training on "Community Facilitation and People's Organization Revitalization" was conducted in Region 13. Participants were RPMO personnel and community facilitators. Region 5 had organized Trainers' Training for CRM and Workshop on the Amendment of Municipal Fishery Ordinance which was attended by CFs of the Ragay Gulf.

Workshop

The FishCORAL Aqua-based Business School Writeshop was conducted last November 23-24, 2017 at Hotel Rodolfo, Tacloban City in partnership with the CIP FoodSTART+. The activity served as a venue in the refinement and adaptation of FBS curriculum within the context of FishCORAL Project. Participants were from PSCO, RPMOs and BFAR organic staff of Regions 5, 8, 13, and ARMM.

Four batches of Business Plan Development cum Writeshop were held in Regions 5, 8, 13 and ARMM to aid CFs in the refinement of the sub-project proposals of their respective POs using the recommended format and guidelines. These were participated by CFs, LGU and PO representatives with a total of 174 (105 female and 69 male).

41. Project Staff

There are 195 Project staff as of December 2017. Of these, 38% are male and 62% are female.

See Table 10 for the complete number of Project staff at PSCO and RPMO level.

Table 10 Project staff

Office	Number		
	Male	Female	Total
PSCO (BFAR Central Office)	7	7	14
<i>Sub-total</i>	7	7	14
RPMO 5 (BFAR RO 5)	6	6	12
RPMO 8 (BFAR RO 8)	4	6	10
RPMO 13 (BFAR RO 13)	4	7	11
RPMO ARMM (ARMM-BFAR)	4	7	11
<i>Sub-total</i>	18	26	44
CFs (BFAR RO 5)	21	14	35
CFs (BFAR RO 8)	23	35	58
CFs (BFAR RO 13)	6	11	17
CFs (ARMM-BFAR)	10	17	27
<i>Sub-total</i>	60	77	137
<i>Total</i>	75 (38%)	110 (62%)	195

42. Project Steering Committee (PSC)

The 2nd Project Steering Committee (PSC) Meeting was held last March 07, 2017. The meeting aimed to discuss and request for approval of Project's AWPB and APP for the 2017 continuing and current budget.

43. Management Information System (MIS)

- Fishcoral Project website ready for production;
- GIS system completed;
- Project's website dataset function to cater all updates regarding the project status;
- Data visualization function for dashboard presentation from datasets; and
- Database for the list of beneficiaries able to show gender aggregated based on the M&E tool.

44. Knowledge Management (KM)

- Finalized Project logo and developed its accompanying logo usage and photography guidelines;
- Crafted Community Facilitator's Guide;
- Wrote FishCORAL Frequently Asked Questions (FAQs);
- Crafted first issue of newsletter on FishCORAL activities and accomplishments;
- Continual writing of articles on FishCORAL Project activities and accomplishments;
- Continual updating of FishCORAL activities on FishCORAL Facebook page and account, IFAD PH Knowledge Learning Market, and IFAD Asia group;
- Continual updating and uploading of articles and knowledge resources on IFAD Asia Community; and
- Provided venue for knowledge sharing of RPMOs through Facebook groups.

45. Partnerships and Linkaging

The Project has continuously considered potential partnerships and linkages with different agencies like DA, DSWD, DOST, DTI, and NGOs that may complement in some of the undertakings related to CRM and livelihood development.

46. Project Guidelines

The Guidelines for the Project Monitoring and Evaluation (M&E) System was finalized. M&E Guidelines elaborates Framework for Planning, M&E, and Knowledge Management (KM); Participatory Planning; Participatory M&E; Management Information System (MIS); and Learning and KM.

Guidelines for the Institutions, Gender and Development was also completed. It was considered in the document to further elaborate the indicators concerning gender, especially the aspect on the composition of leaders of respective beneficiaries that 50% of beneficiaries of the sub-project must be implemented by women not necessarily implemented by Women's Organization.

The Livelihood Development Guidelines was also finalized which will serve as guide in the implementation of activities and sub-projects under the Livelihood Development Component. It provides details from the selection, planning and development up to the approval and implementation of the enterprise projects. The RPMOs, LGUs and POs will be guided in coming-up with doable projects that could help them uplift their living conditions.

The Project's Procurement Guidelines is finalized using RA 9184 (Government Procurement Act) as a reference. "Community participation" as stated in the Government Procurement Policy Board (GPPB) Resolution No. 03-2013 date January 21, 2013, is also considered in the guidelines.

These guidelines were included in the Revised Project Implementation Manual (PIM) and were approved by IFAD for implementation.

47. Project Implementation Manual

The Revised Project Implementation Manual (with attachments) was submitted to IFAD last March 2017 and was approved by IFAD last August 2017 for implementation.

48. Other activities

The FishCORAL Project hosted the IFAD- Philippine Gender Network General Assembly (IPGN) last April 17 to 21, 2017 in Legazpi City. This assembly is organized yearly to become more proactive in gender mainstreaming on various components of the project. This was participated by representatives of the different IFAD projects in the country.

The FishCORAL Project Team hosted the Annual Country Portfolio Review (ACPoR) sponsored by FishCORAL on 24-27 January 2017, Butuan City.

Last April 26-28, 2017, the Institution and Gender Specialist (IGS) of PSCO attended the Orientation Seminar on Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries, and Forest (VGGT) for government agencies in Tagaytay City. The objective of the said orientation was to arrive a common understanding on the VGGT and VGSSF and to identify challenges in relation to policies, structure, implementation processes faced by government agencies and recommend possible solutions. This activity was organized by the Asian NGO Coalition(ANGOC).

C. Problems/Bottlenecks, Action taken and Recommendations

Problems/ bottlenecks	Action taken/ Recommendations
1. Slow action of some LGUs on the delineation of their municipal waters.	Series of dialogues and meetings with municipal mayors and sanggunian members regarding the delineation of municipal water are scheduled; advised CFs to continue to disseminate information and provide short orientation to their respective LGUs for them to gain more knowledge about the Project.
2. Bidding on some of the big-ticket-items failed due to either disqualification of the bidder or no bidder at all due to very low ABC.	RPMO is thinking of proceeding to fund transfer and/or encouraging possible bidders to join in the next bidding. If it will still give the same result, then BFAR organic and RPMO will raise the ABC as suggested by IFAD.
3. Low accomplishments on CRM component. A need for CRM specialist/officer at the RPMO level.	RPMOs of Regions 8, 13 and ARMM are still in the process of hiring a CRM Officer who will fully manage the CRM component of the project.
4. Lack of manpower/support staff to do administrative functions in RPMO 8.	Request assistance from CFs assigned adjacent to the Regional Project Management Office.
5. The advised revision and review of the financial component of the proposals delayed implementation of livelihood projects.	The RPMOs of ARMM and Region 5 hired a Livelihood and Enterprise Development Officer (LEDO). The hiring of LEDO for Regions 8 and 13 are still in the process.
6. Slow formulation and submission of final business plans.	Continuous coaching and mentoring of CFs.
7. Internet connectivity in some covered areas hamper submission of reports and other important documents.	CFs affected by the connectivity are advised to go to areas (town proper) with secured signal and internet connection to submit their reports on time.
8. Reporting: - non-submission of November 2017 report – Region 13 only	RPMO to allocate 3 to 5 days on report preparation preferably in the last week of every month.

Problems/ bottlenecks	Action taken/ Recommendations
<ul style="list-style-type: none"> - non-submission of quarterly reports for Regions 5, 13 and ARMM - delayed/ non-submission of the list of beneficiaries from the RPMO – c/o IGOs, Regional MIS Officers 	<p><i>Note: for monthly reports, submission should be on or before the 3rd day of the succeeding month</i></p>
<p>9. Monitoring (regional level) of the infrastructure projects (BMMB, watchtower, solar dryer, jetty port, etc.) especially those under construction</p> <ul style="list-style-type: none"> - delayed/ no submission of status reports - unverified data/information in some of those included in the reports forwarded to PSCO 	<p>The Regional M&E Officer/Assistant, RIO, CRM Officer, LO, LEDO, and CF should conduct field monitoring regularly; allocate 3 to 5 days on report preparation at the regional level.</p>
<p>10. A need to formulate an operational plan for infrastructure projects (e.g. watchtower) and executed with MOA.</p>	<p>CFs were advised to assist in the evaluation and quantification of LGU counterpart and formulation of MOA.</p>
<p>11. Delay in the submission of tenurial instruments for the infrastructure and livelihood support projects (Region 8)</p>	<p>RIO to meet with LGU focal persons and discuss such issue; LO made several follow-ups for the completion of the required documents.</p>
<p>12. Unfavorable weather condition delayed site validation of infrastructure projects.</p>	<p>Consider rescheduling.</p>

D. Planned Activities for the Next Three Months (January – March 2018)

Component 1: Coastal Resource Management

1. Meeting with MFARMCs/FLETs;
2. BMC formation (Regions 8 and 13) and meetings;
3. PRSA Contracting;
4. Assistance in the drafting of CRM Plans;
5. Inventory of existing fish sanctuaries for rehabilitation;
6. Consultation meeting with LGUs and NAMRIA on delineation of municipal waters and boundary conflict areas;
7. Validation of mangrove rehabilitation sites;
8. Training on Operation and Maintenance for Infrastructure projects in Region 5;
9. Procurement of BMMB and watchtowers, fish sanctuary markers, stock enhancement projects, fish landing/ jetty port, and hatchery rehabilitation projects;
10. Construction of infrastructure projects (watchtowers, BMMB, jetty port, etc.); and
11. Continued assistance in FishR/BoatR and gear registration.

Component 2: Livelihood Development

12. Site validation, approval and implementation of livelihood projects;
13. Completion of profiling;
14. Gender Orientation to LGUs, barangays, and POs;
15. Continuous coordination meeting, strengthening including Financial Literacy Workshops with POs; and
16. Collaborate with DA, DOST, DSWD, DTI, and LGUs at municipal and regional levels for livelihood project complementation and technical support.

Component 3: Project Management and Coordination

17. RPMO/MPMO/ MPIU meetings;
18. CF coaching and mentoring;
19. Continuous capability building for staff & LGUs; and
20. Conduct of RCSC Regular Quarterly Meeting.

E. Acronyms

ARMM	- Autonomous Region in Muslim Mindanao
BFAR	- Bureau of Fisheries and Aquatic Resource
BMMB	- Bay Management and Multi-purpose Building
BoatR	- Boat Registration
CF	- Community Facilitator
CRM	- Coastal Resource Management
DA	- Department of Agriculture
DBM	- Department of Budget and Management
DENR	- Department of Environment and Natural Resources
DOST	- Department of Science and Technology
DSWD	- Department of Social Welfare and Development
DTI	- Department of Trade and Industry
FARMC	- Fisheries and Aquatic Resources Management Council
FLET	- Fisheries Law Enforcement Team
FishCORAL	- Fisheries Coastal Resources and Livelihood Project
FishR	- Fisherfolk Registration
FS	- Fish Sanctuary
GAD	- Gender and Development
GST	- Gender and Sensitivity Training
IGO/S	- Institutions and Gender Officer/ Specialist
IP	- Indigenous People
IFAD	- International Fund for Agricultural Development
LGU	- Local Government Unit
LO	- Livelihood Officer
KM	- Knowledge Management
M&E	- Monitoring and Evaluation
MIS	- Management and Information System
M/CPMO	- Municipal/City Project Management Office
MOA	- Memorandum of Agreement
MAO	- Municipal Agriculture Office
MPIU	- Municipal Project Implementing Unit
MPMO	- Municipal Project Management Office
NAMRIA	- National Mapping and Resource Information Authority
NEDA	- National Economic and Development Authority
OMA	- Office of the Municipal Agriculturalist
PSCO	- Project Support and Coordination Office
PO	- People's Organization
RCSC	- Regional Coordination and Support Committee
RIO	- Rural Infrastructure Officer
RPC/M	- Regional Project Coordinator/Manager
RPMO	- Regional Project Management Office
SPCMAD	- Special Programs/Projects Coordination & Management Assistance Division
PCRA	- Participatory Coastal Resource Assessment
PRSA	- Participatory Resource and Socio-Economic Assessment
PSC	- Project Steering Committee

D. Address, Contact Information, and Focal Persons

1. FishCORAL Project Support and Coordination Office (PSCO)

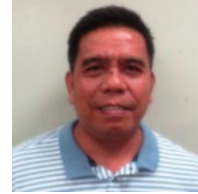
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