



SUSTAINABLE FISHERIES MANAGEMENT PROJECT (SFMP) Progress Report



OCTOBER 1 - DECEMBER 31, 2019



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Cover photo: USAID/Ghana Agricultural Team Leader, Amber Lily Kenny (far right) assisting the Hon. Minister for Fisheries and Aquaculture Development, Elizabeth Naa Afoley Quaye (second left) to unveil the Canoe Identification Card. With them are Executive Director of the Fisheries Commission, Michael Arthur Dadzie (first left) and Head of Marine Fisheries Management Unit of the Fisheries Commission, Matilda Quist (second right).

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SNV	http://www.snvworld.org/en/countries/ghana
Resonance Global	https://resonanceglobal.com/

ACRONYMS

CIC	Canoe Identification Card
CEWEFIA	Central and Western Region Fishmongers Improvement Association
CLaT	Child Labor and Trafficking
CRC	Coastal Resources Center
CSLP	Coastal Sustainable Landscapes Project
DAA	Development Action Association
DFAS	Department of Fisheries and Aquatic Sciences
DOPA	Densu Oyster Pickers Association
EG	Economic Growth
F2F	Fisher to Fisher (Dialogues)
FC	Fisheries Commission
FEU	Fisheries Enforcement Unit
FoN	Friends of Nation
FSSD	Fisheries Scientific Survey Division
FtF	Feed the Future
FY	Fiscal Year
GIS	Geographic Information System
GITA	Ghana Industrial Trawlers Association
GNCFC	Ghana National Canoe Fishermen’s Council
GOG	Government of Ghana
HM	Hen Mpoano
ICFG	Integrated Coastal and Fisheries Governance
IR	Intermediate Results
IUU	Illegal, Unreported, and Unregulated (Fishing)
LOP	Life of Project
LUSPA	Land Use and Spatial Planning Authority
M&E	Monitoring and Evaluation
MASLOC	Microfinance and Small Loans Centre
MOFAD	Ministry of Fisheries and Aquaculture Development
MSMEs	Micro, Small and Medium Scale Enterprises
MT	Metric Tones
NAFPTA	National Fish Processors and Traders Association
NGO	Non-Governmental Organization
NMFMP	National Marine Fisheries Management Plan

NRM	Natural Resource Management
SFMP	Sustainable Fisheries Management Project
SNV	Netherlands Development Organisation
SSG	SSG Advisors, now Resonance Global, an implementing partner of SFMP
STWG	Scientific and Technical Working Group
TA	Technical Assistance
UCC	University of Cape Coast
URI	University of Rhode Island
USAID	United States Agency for International Development
USG	United State Government
VSLA	Village Savings and Loans Association

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1. PROGRAM OVERVIEW AND SUMMARY

Table 1. Sustainable Fisheries Management Project Summary

Program Name	Sustainable Fisheries Management Project (SFMP)
Activity Start and End Date	October 22, 2014 to September 30, 2020
Name of Prime Implementing Partner	Coastal Resources Center University of Rhode Island
Agreement Number	AID-641-A-15-00001
Name of Sub-awardees	Hen Mpoano (HM) Friends of the Nation (FoN) Netherlands Development Organization (SNV) Resonance Global Central and Western Fishmongers Association (CEWEFIA) Development Action Association (DAA)
Major Counterpart Organizations	Ministry of Fisheries and Aquaculture Development (MOFAD) Fisheries Commission (FC)
Geographic Coverage (cities and or countries)	Ghana: Central Region, Western Region, Greater Accra Region, Volta Region
Reporting Period	October 1 – December 31, 2019

1.1 Program Description/Introduction

The objective of the USAID/Ghana Sustainable Fisheries Management Project (SFMP), a five-year project (October 2014 - October 2019), and now granted a no cost extension through September 30, 2020), is to rebuild marine fisheries stocks and catches through adoption of responsible fishing practices. The project contributes to the Government of Ghana's fisheries development objectives and the US Government's Feed the Future Initiative. Working closely with the Ministry of Fisheries and Aquaculture Development (MOFAD) and the Fisheries Commission (FC), USAID/Ghana SFMP aims to end overfishing of key stocks important to local food security through achievement of the following intermediate results:

- Improved legal enabling conditions for co-management, use rights and effort-reduction strategies.
- Strengthened information systems and science-informed decision-making.
- Increased constituencies that provide the political and public support needed to rebuild fish stocks.
- Implementation of applied management initiatives for several targeted fisheries ecosystems.

More than 100,000 men and women involved in the local fishing industry are expected to benefit from this project and tens of thousands of metric tons of additional high quality low cost food supply from fisheries can be regained via improved and sustainable management of the marine fish stocks in Ghana's waters.

The Coastal Resources Center (CRC) at the University of Rhode Island's Graduate School of Oceanography is the lead implementer of the SFMP and leads a consortium of other international and local partners including; SNV Netherlands Development Organization, Resonance Global (formerly SSG-Advisors), Hen Mpoano, Friends of the Nation, the Central and Western Fishmongers Improvement Association in Ghana (CEWEFIA) and the Development Action Association (DAA). SFMP also works with other organizations that are not formerly part of the consortium but receive support and play important roles in achieving the goals of the project. These include the National Fish Processors and Traders Association (NAFPTA), the Ghana National Canoe Fishers Council (GNCFC), and others. The project complements and coordinates closely with two other projects in the USAID/Ghana Coastal Program Portfolio: The Coastal Sustainable Landscapes Project (CSLP) (recently completed) and the University of Cape Coast/Department of Fisheries and Aquatic Science (UCC/DFAS) Institutional Strengthening Project.

The SFMP builds on the best practices and lessons learned from the USAID-Ghana's Integrated Coastal and Fisheries Governance (ICFG) Program implemented from 2009 - 2014. Based on lessons learned in the previous project SFMP is focusing efforts on small pelagic fisheries along the entire coastline as well as fisheries and essential mangrove fish habitat in three coastal estuaries - The Densu, Pra and Ankobra systems. Additionally, improvements in the value chain of smoked fish, important to tens of thousands of women fish processors is supported. The project is also undertaking actions towards reducing child labor and trafficking in the Central region of Ghana. Key government clients of this project include the Ministry of Fisheries and Aquaculture Development, the Fisheries Commission, the Regional Coordinating Councils, the Land Use and Spatial Planning Authority (LUSPA) and associated districts in the Central and Western Regions; and the Marine Police. Additional support is provided to several local NGOs and women's associations that are active in fisheries management issues and serving either as core or supporting partners in the implementation of this project.

This progress report details activities, results, and lessons learned during the first quarter of Project Year 6 (FY20). It also explains how partners contributed to the achievement of targets and how these achievements will be sustained to meet the overarching goal of SFMP.

1.2 Summary of Results

Highlights of activities and achievements for the first quarter of Year 6 (no cost extension period) include the following:

Strengthening the Enabling Environment for Marine Fisheries Management: As a result of lack of action on the development of New Fisheries Legislation by the Ministry of Fisheries and Aquaculture Development, and having assessed the government policy landscape including assessment of the 2020 Budget, and cognizant of final project closure in 2020 accompanied by the winding down of all project activities, SFMP will discontinue planned activities related to the legislative reform process and resources allocated for this purpose will be allocated to other project activities, particularly the canoe registration process.

Science and Research Applied to Policy and Management: The project worked on two reports related to the impact the closed fishing season for the artisanal sector. The preliminary report on the biological assessment concluded that the timing the May-June Closure was not appropriate as it did not coincide with the peak spawning period between July – September. The draft socio-economic assessment indicated temporary increases in

household hunger, decreases in dietary diversity, and significant reduction in household income during the closure but rebounded after the closure to levels like before the closure.

Creating Constituencies and Stakeholder Engagement: SFMP has initiated a video documentation of activities related to biological monitoring of the 2019 closed season to facilitate effective communication with stakeholders. The video documentary process would also involve interview with Kofi Amador, Director, FSSD, on the journey of FSSD with SFMP and the support FSSD has received from SFMP. Other activities related to creating constituencies and engaging stakeholders include; collaboration with media houses to provide coverage of key SFMP activities and production of a brochure on the Canoe Identification Card (CIC) to highlight the management and regulatory features of the CIC.

Supporting Implementation of Applied Management Initiatives: SFMP has been working with the Development Action Association (DAA) to engage local resource users in the Densu Delta in a learning process spanning several years through which the capacity of Densu Delta resource owners began to understand the linkages between their over harvesting of oysters, the over harvesting of mangroves, and the effects of climate (tides, salinity, pH, etc.) on their oyster harvests. Through this process, local resource users formed a new organization called the Densu Oyster Pickers Association (DOPA). During the period under review, SFMP continued to engage DAA and DOPA members to deepen their knowledge in the application of science based knowledge in the management of the Oyster leading to the declaration in this quarter of another five month closed season, spanning November 2019 to April 2020.

SFMP continued to support the Fisheries Commission in the clean-up of the artisanal boat (canoe) registry and engaged officials of the Ghana National Canoe Fishermen Council which paved the way for the launch of the Canoe Identification Card (CIC) on December 10, 2019. The CIC program seeks to regulate and eventually cap the marine canoe fleet to reduce overcapacity and related fishing effort to sustainable numbers. Registration of the canoe fleet is a precursor to establishing a moratorium on new entrants which would move Ghana's artisanal canoe fleet from open access to a managed access fishery which is recognized as a global best practice and a pre-condition for sustainable fisheries management. The launch of the CIC on December 10th, 2019. and its subsequent implementation when coupled with other fisheries management interventions such as the closed season are expected to contribute to moving the artisanal fisheries sector towards sustainability and improved profitability.

Village Savings and Loan Associations (VSLAs) continue to improve the resiliency of project beneficiaries. Focused on women's empowerment but also including men, VSLAs continue to grow with 39 groups formed, consisting of 37 males and 674 females. during the quarter under review, 24 groups monitored had saved a total of GHS 52,847 and loaned out GHS 14,650 to its members. SFMP also worked with MASLOC to provide fish processors access to low interest loans for 31 members of NAFPTA who received a loan of GHS 1,000. each at 1% interest rate per month, totaling GHS 31,000 (US\$5636). The SFMP continued to work with fishing communities to expand the VSLA initiative and build their capacities towards pooling local micro saving towards financing various projects especially fish processing ventures linked to the Global Women's Learning initiative which seeks to investigate the relationship between women's access to finance and their willingness to support sustainable fisheries management interventions. All in all 596 MSMEs received business development services beneficiaries have received training and capacity building with respect to specific knowledge and skills including; financial management, entrepreneurship, leadership skills group dynamics, advocacy and sustainable fisheries management, hygienic fish handling, packaging fish with plastic vacuum bags (instead of

baskets) and adding value to smoked fish through production of fish powder preserved in a glass jar and 'shito' (local black pepper sauce).

Supporting Gender Equity and Empowerment: In relation to the implementation of the Learning Initiative on Women Empowerment, Access to Finance and Sustainable Fisheries, considerable progress has been made following finalization of a results chain framework, sampling design and development of questionnaire in November 2019, to facilitate data collection to establish the linkages between empowerment of women, access to finance and sustainable fisheries management interventions.

Standard Indicators	Baseline FY 2015	Annual Target (FY 2020)	Year 6 (FY20) Results	Q1 FY20	Q2 FY20	Q3 FY20	Q4 FY20	Annual Performance Achieved to the End of Reporting Period (%)	On Target Y/N
Number of institutions with improved capacity to develop, implement, manage and access fisheries management plans	0	13 (7 Ongoing, 6 New added)	6 CSO 7 GoG (100%)	6 CSO, 7 GoG (100%)	N/A	N/A	N/A	13 (6 CSO & 7 GoG) (100%)	Y SFMP worked with 7 GoG institutions with improved capacity and 6 local IPs with improved capacity.
Number of days of USG funded technical assistance in NRM and/or biodiversity provided to counterparts or stakeholders (EG 4.8.1-28)	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of hectares of biological significance and/or natural resources under improved natural resource management as a result of USG assistance (EG 4.8.1-26)	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of District Assemblies supported with USG Assistance (Ghana CDCS, IR 2.3 indicator)	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of farmers and others who have applied new technologies or management practices as a result of USG assistance (FtF 4.5.2)	0	0	200	200	N/A	N/A	N/A	0	Y (200 Oyster pickers from Densu Oyster 2 nd closed season starting in Nov 2019)

Standard Indicators	Baseline FY 2015	Annual Target (FY 2020)	Year 6 (FY20) Results	Q1 FY20	Q2 FY20	Q3 FY20	Q4 FY20	Annual Performance Achieved to the End of Reporting Period (%)	On Target Y/N
Number of Micro, Small and Medium Enterprises (MSMEs), including farmers, receiving business development services from USG assisted sources (FtF 4.5.2)	0	475	596	596	N/A	N/A	N/A	525 (125%)	Y Target over achieved
Value of agricultural and rural loans as a result of USG assistance (RAA) (WOG) EG.3.2-6	0	\$10,000	\$ 5636 M-0 (0%) F-\$ 5636 (32%)	\$ 5636 M-0 (0%) F-\$ 5636 (32%)	N/A	N/A	N/A	(56.36%)	Y (MASLOC has disbursement loans for 31 processors, awaiting 22 more for disbursement)
Number of Micro, Small, and Medium Enterprises (MSMEs), including farmers, receiving agricultural-related credit as a result of USG assistance (RAA) EG.3.2-3	0	0	31	31	N/A	N/A	N/A	N/A	Y (MASLOC has disbursement loans for 31 processors, awaiting 22 more to be disbursed)
Number of food security private enterprises (for profit), producer organizations, water users' associations, women groups, trade and business associations, and Community-Based Organizations (CBOs) receiving USG assistance (RiA) (WOG) (FtF 4.5.2(11))	0	3 (same group with ongoing support, no new group)	3 - same group with ongoing support	3 - same group with ongoing support	N/A	N/A	N/A	3 (100%)	Y (support is ongoing)

Standard Indicators	Baseline FY 2015	Annual Target (FY 2020)	Year 6 (FY20) Results	Q1 FY20	Q2 FY20	Q3 FY20	Q4 FY20	Annual Performance Achieved to the End of Reporting Period (%)	On Target Y/N
Number of members of producer organizations and community based organizations receiving USG assistance (S) (FtF 4.5.2(27))	0	475	100	100	N/A	N/A	N/A	21.1%	Y Women learning initiative will make up for the remaining numbers.
Number of people receiving USG supported training in natural resources management and/or biodiversity conservation, and climate change, disaggregated by gender (EG 4.8.1-27/ 4.8.2-6)	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of persons/hours of training in natural resources management and/or biodiversity conservation supported by USG assistance (4.8.1-29)	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of individuals who have received USG-supported short-term agricultural sector productivity or food security training (RAA) (WOG) EG.3.2-1	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of individuals who have received USG-supported degree-granting agricultural sector productivity or food security training (RAA) EG.3.2-2	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹ This indicator is similar to the Feed the Future indicator: Number of rural households benefiting directly from USG interventions (FtF 4.5.2-13)

2. ACTIVITY IMPLEMENTATION PROGRESS

PROGRESS NARRATIVE AND IMPLEMENTATION STATUS

IR 1: Strengthened Enabling Environment for Marine Resources Governance

Legal Reform activities of SFMP were being undertaken in consonance with the Government of Ghana's policy direction of Good Governance and Sustainable Management of the Fisheries Resources of Ghana and was coordinated with the West Africa Regional Fisheries Program (WARFP). Following the termination of the WARFP in 2018, the SFMP took over full responsibility of assisting the Ministry of Fisheries and Aquaculture Development (MOFAD) and the Fisheries Commission to develop new Fisheries Legislation and a Fisheries Co-management policy which were key deliverables under the WARFP to enable the implementation of Ghana's Fisheries and Aquaculture Sector Development Plan. The pursuit of this deliverable led to the engagement of Professor Martin Tsamenyi, a renowned fisheries legal expert in Quarter 1 of Project Year 5 (FY 19) to lead the legal reform process. The engagement of the Legal Expert resulted in the development and submission to MOFAD, of two Cabinet Memoranda in Q2, FY 5: One was the development of the new Fisheries Legislation and the other was the adoption of a Fisheries Co-Management Policy for finalization and subsequent transmittal to Cabinet for approval. Although some progress has been made in connection with the Co-Management Policy which has been transmitted to Cabinet and awaiting approval, during the period under review, progress on the Cabinet Memo for New Fisheries Legislation stalled largely due to the slow pace of the internal administrative processes at MOFAD/FC.

Legislative Reform

During the period under review, SFMP informed MOFAD about the decision of the Legal Expert not to lead the legislative reform process any longer because of the apparent lack of action on the draft Cabinet Memo prepared by the consultant. SFMP subsequently gave MOFAD the option to select another consultant to lead the process. Although MOFAD agreed to this new arrangement there has not been any action by MOFAD to propose new candidate consultants. Cognizant of final project closure accompanied by the winding down of all project activities and having assessed the government policy landscape including assessment of the 2020 GOG budget, the project has reached the conclusion that we would not be able to execute activities related to the legislative reform process within the remaining time available to the project. Consequently, project resources designated to support MOFAD on the legislative reform process have been reprogrammed to support other project activities.

Fisheries Co-Management Policy

Collaborative Fisheries Management or Co-management is an acceptable international best practice in Fisheries Management. An approved National Co-Management Policy was part of MOFAD's deliverable under the World Bank West Africa Regional Fisheries Project (WARFP) which ended in 2018. As a result of the fact that WARFP could not deliver on the development of a Co-Management Policy and Plan(s) for the fisheries sector prior to project closure, MOFAD sought assistance of the SFMP to produce the policy document and the associated plans.

Following extensive stakeholder consultations and many rounds of drafting, workshops and discussions and inputs from fisheries stakeholders across Ghana, the final draft Fisheries Co-Management policy document was delivered with accompanying Cabinet Memorandum to MOFAD by SFMP in February 2019 for onward submission to Cabinet of the Republic of Ghana for consideration and approval. SFMP continued to engage policy makers at the

Ministry and the Fisheries Commission to follow up and expedite action on the approval process at the Cabinet level. Although no formal approval has been secured yet, it is gratifying to note that the 2020 Budget Statement and Economic Policy of Government provided indications of the intentions to adopt and implement fisheries co-management policy as captured in paragraph 715 of the Statement by Minister of Finance on the budget statement to Parliament. It reads “...*in addition, functional co-management structures will be established in ten fishing coastal communities in collaboration with fishers, District Assemblies and other relevant agencies by December 2020*”

SFMP will continue to engage the Ministry and the Commission to move the approval process through Cabinet to provide the legal basis for the implementation of the pilot Co-Management Plans incorporated into the policy. The approval of the Co-Management Policy will also provide the framework for the roll out of the co-management structures mentioned in the 2020 budget statement.

IR 2: Science and Research Applied to Policy and Management

Monitoring of the 2019 Closed Season for the Artisanal and Inshore Sector

In the last quarter of year 5, the Ministry of Fisheries and Aquaculture Development declared a closed season for the artisanal and inshore/semi-industrial fishery between May 15 – June 15, 2019, and August 1 – September 30, 2019 for the Trawler fishery as an approach to rebuild depleted fish stocks. The purpose of the closure, was to allow small pelagic fish species to spawn at the critical stage of life maturity before they are captured by the fishing fleet, thereby ensuring an abundant supply of juvenile fish to grow and be available for capture in the next fishing season.

Effective monitoring of the closure has been ongoing to provide the best available scientific data to guide policy decision related to the most appropriate period to observe subsequent closed seasons to maximize biological gains. Data on the likely socioeconomic impact of the closure would also guide regulators and policy makers to develop interventions that will mitigate the adverse impact of the closure on the fishers and consumers. In order to measure the impacts (positive, neutral or negative) of the seasonal closure, a monitoring and evaluation plan must be established to provide a systematic assessment of the implementation of the intervention and measure the outcome. In pursuit of this, SFMP provided financial and technical support to MOFAD/FC to monitor and analyze both the socio-economic and biological impact of the closure. The project, through the STWG designed both biological and socioeconomic indicators to effectively monitor the closed season.

Biological monitoring of the closed season – In view of the above, Four FC zonal officers from the four coastal regions and enumerators from eight selected landing sites received training from FSSD/FC with the support of SFMP to enable them to collect good data before and after closed season for monitoring and evaluation of the stocks. The enumerators started data collection two weeks before the May 15 start date for the closed season. No sampling occurred during the closure, but biological data continued after artisanal fishery resumed on June 15, 2019. During the period under review, SFMP continued to monitor and provide guidance on the data collection exercises which have been ongoing and will continue until the end of March 2020 to make possible adequate data collection for comprehensive evaluation of the full effects of the fisheries closure.

FSSD and SFMP embarked on a field visits to all selected landing sites. The purpose of the field visits was to make sure sampling protocols are being followed strictly for enumerators to record and submit accurate data. It also helped FSSD to identify and device solutions to issues or problems that confront enumerators on the field. During the field monitoring, enumerators were advised to extend their sample area to nearby landing sites to increase sample size. In ensuring consistency in sampling on weekly basis, enumerators were advised to make *Sardinella aurita* and *Sardinella maderensis* their priority as they are the most common of small pelagics.



Figure 1. Left: FC officer reviewing data captured by the enumerator at Axim. Right: FC officer reviewing data captured by the enumerator at Half Assini.



Figure 2. Enumerator gutting *Sardinella maderensis* to identify the gonads during the field visit in Tema.

A preliminary progress report on biological assessment of the closed season has been released and the preliminary findings indicate that the time scheduled for the closed season, for the period from May 15 to June 15, 2019, did not coincide with the peak spawning period. Gonad maturity and weight provide indications of the spawning period for fish species. The sampling prior to the closure registered the lowest average maturity and gonad weight with the highest maturity and gonad weight occurring in August period providing evidence to the

fact that the period of lowest spawning occurred from May through June, and in October. The May 15 to June 15 period when the closed season was observed was the lowest in terms of spawning of fish species sampled and therefore the least appropriate period to implement a closure of the fisheries in terms of biological gains towards rejuvenating the depleted stock. Therefore, the 2019 closure was unlikely to have produced the desired effect which was to maximize the reproductive potential of small pelagic species during their peak spawning period. The high voluntary compliance and the overwhelming support by fishermen and women processors for closed season was a good sign for adopting future seasonal closures within the periods of the peak spawning in order to maximize recruitment of juvenile fish species into the fish stocks.

Findings of the first progress report will be used to sensitize and guide fishers on selecting the best month for the 2020 closed season through the fisher to fisher dialogue (F2F). The F2F will commence in January 2020 and will be organized throughout the four coastal regions. The final data analysis report on both the socioeconomic and biological impact of the closed season will be subjected to review by the STWG in March 2020. SFMP will subsequently support a stakeholder forum to present the report and analysis to the public after the review in March.

Socioeconomic monitoring of the closed season – MOFAD/FC in collaboration with SFMP contracted a team of researchers led by Prof. P.K. Ofori-Danson of the University of Ghana, Legon, to monitor and assess the short-term socio-economic impact of the closed season. The assignment demanded data on key performance indicators derived from reliable data collected from the fishing communities using trained enumerators. Data collection commenced before, during and after the close season. It ended in August 2019. The draft Report on the socio-economic survey on the impact of the fisheries closed season has been released for review at the time of preparing this progress report.

Science and Technical Working Group (STWG)

The STWG continues to serve as the primary scientific and technical advisory group of the Fisheries Commission on the status of the small pelagic and demersal stocks. The STWG is preparing an updated stock assessment through the year 2019. In addition, the STWG is preparing a biological assessment of the 2019 closed season for the artisanal canoe fleet as discussed above. Preliminary results show the closure was not timed appropriately as the peak spawning season for the small pelagics was in the July – September period. The final report will be developed in the March -April period. Given the importance of the STWG, in terms of orienting policy and fisheries management decisions towards credible scientific data and information, the SFMP has engaged the Ministry and the Fisheries Commission on the possibilities of mainstreaming the STWG during the period under review. The institutionalization of the STWG would be in consonance with provisions in the Fisheries Act 2002, Act 625.

URI/UCC/DFAS/CCM Dual Degree Program

During the period under review the SFMP in country team which embarked on a working visit to CRC URI also had the opportunity to meet faculty members of URI working on the dual degree program initiated between UCC and URI. The meeting deliberated on the implementation arrangements including prerequisite requirements and financial implications for students who would like to pursue the dual degree program.

IR 3 Creating Constituencies and Stakeholder Engagement

Video Documentary on Biological Monitoring of the 2019 Closed Season

In the period under review SFMP initiated video documentation of activities related to biological monitoring of the 2019 closed season to facilitate effective communication of the results with stakeholders. The video documentary process involved data collection, sampling of the views of fisherfolk on the closed season, interview with Kofi Amador, Director, FSSD on the journey of FSSD with SFMP and the support FSSD has received from SFMP. The video documentary would also capture aspects of the STWG meeting scheduled for next year.

Legacy Documentation and Outreach and Communications

Publications: The unit designed and printed a brochure for distribution at the National Launch of the Canoe Identification Card and will do same for the regional launches scheduled for quarter 2.

SFMP also sponsored a story on Eva Atitsogbe, an “Ahotor” oven user and a Class 1 certificate holder, who won the 2019 national best fish processor award at the 35th edition of the national farmer’s day held on Friday, December 6 in Ho, Volta region. The story sought to highlight the success of the “Ahotor” oven, the support Eva has received from SFMP in hygienic fish handling and how the use of the “Ahotor” oven, the class 1 certificate and the trainings received on hygienic fish processing contributed to her win.



Figure 3. Eva Atitsogbe, 2019 national best fish processor standing behind her Ahotor oven at Dzemeni in the South Dayi district of the Volta region.



Figure 4. Hon. Minister for Fisheries and Aquaculture Development, Elizabeth Naa Afoley Quaye (left), congratulating and presenting a truck to Eva Astitogbe, 2019 National Best Fish processor (right) Photo: MOFAD

Media Relations

Various media houses were supported to attend and provide coverage of the national launch of the Canoe Identification Card. Stories from the launch were reported on various media platforms and can be found where various fisheries stories reported in the media have been listed in Annex C.

IR 4 Applied Management

Implementation of the National Marine Fisheries Management Plan

Artisanal Canoe Registration: The objective of the artisanal canoe registration is to provide a mechanism for regulating the canoe fleet in accordance with the Fisheries Act. This has become necessary, as the number of Canoes has reached unsustainable levels of over 14700 canoes against 9095 canoes needed to sustainably exploit the small pelagic stock. In year 5, SFMP supported FC to finalize the canoe register; removing duplicates entries and updating the vessel register system with corrected data from the paper register. After the exercise, the FC reported a significant decrease in the total number of canoes from 14700 to 13,807. The cleaning up of the Canoe Registry is the first step towards the implementation of the Canoe Identification Card (CIC) program. The concept of the Canoe Identification Card (CIC) is to regulate the marine canoe fleet in order to eventually cap and ultimately reduce marine canoe fleet overcapacity and its associated fishing effort. It will also make it possible for the Fisheries Commission in collaboration with fishers, particularly, the Ghana National Canoe Fishermen Council to put in place interventions to transform the marine artisanal fisheries from open access regime, laying the foundation of moving the artisanal subsector towards sustainability and profitability. The issuance of ID cards was proposed to be conducted

parallel to a national moratorium on new entries into the marine canoe sector. It was also proposed to eventually link the CIC to the distribution and the sale of Premix.



Figure 5. Left: Front view of final design of CIC Right: Back view of final design of CIC

Launch of Canoe Identification Card - A committee was formed to overlook the launch of the CIC. The committee consisted of representatives of FC, GNCFC and SFMP. The Committee proposed the need set up a CIC Management Committee to put in place modalities regarding; renewal and replacement of CICs, frequency of renewal, collection and disbursement of CIC renewal fees among others. The Committee agreed that while no fees should be associated with the issue of the CIC for **the first** time, agreement should be reached for specific amounts for “fees” based on size of canoe categories, to be charged in the future to ensure sustainability of the cards system. Subsequent to the national launch of the CIC, the coordination and distribution of the cards will be done by FC in close collaboration with GNCFC starting in the second quarter or January 2020.

The CIC was launched by the MOFAD/FC in collaboration with GNCFC with the support of SFMP under the team “Towards profitable and sustainable management of Ghana’s fisheries resources”. The launch was held at Keta in the Volta Region on December 10, 2019. The launch attracted over 300 people mainly representatives of: regulators (MOFAD/FC), industry payers, Development partners, CSOs and NGOs. At the launch, the Minister in her speech said, the second phase of the exercise would focus on piloting a digitized system in managing distribution and sale of premix fuel, which would serve as a measure to protect the public purse so that the intended users could benefit from the incentive. The Ghana National Canoe Fishermen Council (GNCFC) said the Council would collaborate with the Fisheries Commission for successful implementation of the regulatory functions of the CIC and called for an implementation framework of one year within which all fishers should be issued with CIC after which a moratorium should be issued on the issue of new CIC and new entrants into the marine artisanal fisheries.



Figure 6. Left: Hon. Naa Afoley Quaye, Minister for Fisheries and Aquaculture Development delivering a speech at the launch of the CIC. Right: Nana Jojo Solomon, Executive Member of the GNCFC delivering a speech at the launch of CIC.



Figure 7. Left: Amber Lilly, USAID, Ghana Agricultural Team Leader delivering a speech at the launch of the CIC. Right: Nii Lantey Barnaman, Chairman of premix committee delivering a speech at the launch of CIC.



Figure 8. USAID/Ghana Agricultural team leader, Amber Lily Kenny (far right) assisting the Minister for Fisheries and Aquaculture development, Hon. Naa Afoley Quaye (second left) to unveil CIC.

Value Chain and Post-Harvest Improvements

In Quarter 1 (Q1) of Year 6, the SFMP M&E team continued to monitor the use and impact of the ahotor smoker technology in its intervention communities. While many processors across the four coastal regions were finally content with the performance of their ovens, it was observed that 10 processors in Narkwa in the Ekumfi District who had been supported under the WARFP, implemented by the MOFAD/FC, to obtain their ovens were yet to receive any training on its use and maintenance. Two of the WARFP beneficiaries of the ahotor ovens had already dismantled the combustion chamber of the oven and turned the Ahotor oven into a Chorkor. The SFMP team with support from CEWEFIA mobilized and trained 12 processors in the community on the use and maintenance of the oven and gave copies of the Ahotor oven user guide to them for future reference.

During the implementation of the Class 1 Recognition Scheme launched in Q4 FY19 (year 5), it was realized that 19 out of 32 applicants failed the audit due to some gaps/defects identified in their food safety protocols. During the period under review (Q1, FY20), SFMP followed up and included the 19 processors (who had failed the Class 1 Recognition Scheme audit) in 100 women selected to benefit from a grant of GHS 1,000 designated for capacity building within the framework of Class 1 Recognition Scheme. The grant comprises two components that addresses deficiencies of many of those who did not pass the audit; a handwashing system (veronica bucket), and a processing facility improvement/upgrade amounting to GHS 720 . This will help them to achieve the Class 1 Certification on reapplication.

To enable the early adopters of the ahotor oven realize the full impact of the value of their investments, 117 of them across the 4 coastal regions were trained on fish handling, packaging and preservation. The processors who are members of the NAFPTA, were trained on hygienic fish handling, packaging fish with plastic vacuum bags (instead of baskets) and adding value to smoked fish through production of fish powder preserved in a glass jar and 'shito' (local black pepper sauce). The objective of the training was to enable the processors to meet the demands of a segment of the markets (niche) who can and are prepared to pay premium prices for processed fish produce.

Village Savings and Loans Associations and Micro-finance

VSLAs have proved to be innovative tools and channels of entering local communities and fostering their sustained engagement. With minor modification based on preferences of group members VSLAs have provided reliable means of accessing finance for fish processors who have otherwise been financially excluded. SFMP has so far set up 39 groups made up of 37 males and 674 females. 24 groups monitored during the quarter under review had saved a total of GHS 52,847 and loaned out GHS 14,650 to its members.

Thirty-one members of NAFPTA in the Greater Accra Region received loans of GHS 1,000 each (\$5,636) from MASLOC at one percent interest rate per month. Four groups who received their loans in June of 2019 have faithfully kept up with their monthly repayments of GHS 177, prompting the public relations team of MASLOC to develop a documentary on SFMP's interventions with the women highlighting the contribution of the project and its influence on the prompt payment of their loans. SFMP is working to obtain a copy of this video.

Promoting and Sustaining the DAA and CEWEFIA Fisheries Training Centers

To ensure that the DAA and the CEWEFIA fish processing centers are managed efficiently and profitably, SFMP facilitated four business and governance trainings for both management and the board, supported the Board of Directors of the two fish processing centers to

operationalize the centers' business plans and guide the boards to formulate and implement strategic decisions, and policies for their respective centers.

Reducing Child Labor and Trafficking (CLaT) in the Fisheries Sector

Within the period under review two SFMP implementing partners; Development Action Association (DAA) and the Central and Western Region Fishmongers Improvement Association (CEWEFIA) have been engaged to present programs to sustain interactions with the districts assembles within their operational areas to continue mainstreaming of CLaT activities in their District Medium Term Development Plans (DMTDPs) 2018 – 2021. The capacity building related to the Women Learning Initiative also included some information dissemination on CLaT.

IR 5 GENDER

Gender Mainstreaming in Fisheries

Following the in-person conference on the Learning Initiative on Women Empowerment, Access to Finance and Sustainable Fisheries, a training manual was developed to train the targeted beneficiaries. In this quarter 208 beneficiaries have been trained on financial management, entrepreneurship, leadership skills group dynamics, advocacy and sustainable fisheries management. While most of the women had in the previous years been trained on some of these modules, the missing link was the realization that they could advocate for better fishing practices, if they were financially resilient and had enough knowledge on the local fishery.

A survey instrument has been completed using the KoBoToolbox to be deployed in the next quarter to measure the impact and linkages between women's empowerment and financial inclusion through training and capacity building received by women fishers under various SFMP interventions and the ability of these fishers to advocate more fully for sustainable fisheries management. The survey will be undertaken in nine communities across the four coastal regions.

IR 6 PUBLIC PRIVATE PARTNERSHIPS

University of Rhode Island (URI) has initiated engagement with the University of Cape Coast (UCC) and MiLife Insurance to respond to the Request for Proposals for the Feed the Future Innovation Lab related to Markets, Risk and Resilience being led by the University of California/Davis with funding from USAID.

IR 7 CAPACITY DEVELOPMENT OF TARGETED GOVERNMENT OF GHANA, CIVIL SOCIETY ORGANIZATION AND KEY PARTNER INSTITUTIONS

GoG Capacity Development

In the period under review, 30 persons who belong to various community groups in of Keta and Songhor lagoons undertook a study tour to the Densu, Pra and Ankobra estuaries to learn about the activities of similar groups working with Development Action Association, Friends of the Nation and Hen Mpoano (Our Coast) with the support of SFMP.

The study tour was organized by the Ministry of Environment, Science and Technology and Innovation (MESTI) with the support of FAO with the aim of creating awareness and motivating local community members towards developing co-management arrangement for the conservation of the wetland resources around the Keta and Songhor lagoons.

Strengthening of GoG agencies continued through various project implementation activities including ongoing collaboration on biological monitoring of the 2019 fisheries closed season and the joint planning and implementation of the Canoe Identification Card system.

CSO Capacity Development

Over the life of SFMP, efforts have been made to build the organizational capacities of four of the implementing partners (CEWEFIA, DAA, FoN and Hen Mpoano) as well as three fisheries associations (NAFPTA, NAFAG and GNCFC) to strengthen their internal organizational structures so that they can engage with policy makers.

During the period under review, the SFMP in collaboration with other CSO has engaged GNCFC to organize regional elections as a means of strengthening decision making and administrative structures within the GNCFC.

The SFMP also collaborated with the European Union's FAR BAN BO Project (meaning 'protecting fisheries livelihoods' in *fante*), the Far Dwoma Nkodo, the Sustainable Fisheries Management Project, Livestock and Fisheries Chamber, Power to the Fishers Project, and the Ghana National Canoe Fishermen Council, to organize a two day Fisheries Dialogue on the theme: "*Restoring Ghana's Depleted Fish Stocks using the Right Gears: The Role Of Fisheries Associations*"

This forum discussed the progress, challenges and opportunities associated with efforts by government and industry stakeholders to move the fisheries sector towards sustainability and made recommendations for the way forward.

SFMP continued to support NAFPTA to facilitate effective coordination and participation of NAFPTA members in the Learning Initiative on Women Empowerment, Access to Finance and Sustainable Fisheries Management initiative.

PROJECT MANAGEMENT

Monitoring Evaluation Knowledge Management and Learning Plan

The no-cost extension was granted by USAID that moved back the closeout of SFMP to September 2020 precipitated several decisions including the exit of the Monitoring, Evaluation and Learning Specialist and Assistant from the project at the end of September 2019. Subsequently, Monitoring, Evaluation and Learning functions were also consolidated with MIS Database management under a new position. Monitoring, Evaluation, Learning and MIS Database Officer under the supervision of the Deputy Chief of Party. The new M&E unit took responsibility for collating and tracking implementing partner's deliverables and assisting partner M&E officers to conduct field monitoring across all project activities and implementation sites. The M&E unit during the period reviewed targets for the no-cost extension, revised Year 5 and the no-cost extension task plans based on the Feed the Future Monitoring System (FTFMS). Within the period, the unit continued to collect and track deliverables for reporting to USAID.

A follow up of Data Quality Assessment (DQA) audit was initiated by the Monitoring Evaluation and Technical Support Services (METSS) at the request of USAID. However, the exercise was suspended when it was realized that the key persons who were responsible for M&E actions that they were seeking clarifications on had already exited the project as part of final project closeout arrangements. SFMP is yet to receive communication from METSS on the way forward.

The M&E unit also undertook its routine monitoring visit to SFMP project sites and conducted monitoring of selected VSLA communities across SFMP's operational areas. The exercise was successful and helpful to the beneficiaries. During discussion sessions, it was

realized that beneficiaries were grateful for the knowledge acquired to improve their business and working environment.



Figure 9. Member share passbook and VSLA box from Emmanuel group



Figure 10. Beneficiaries from Elemawusi group sharing their VSLA experiences with SFMP M&E team and CEWEFIA staff

Project Closeout

The project is progressing steadily towards final closure in-country in July 2020. The Chief of Party and Deputy Chief of Party will stay on until end of July 2020. The following under listed positions and two new members of staff; a National Service Person and a Volunteer are scheduled to end in March of 2020. These are;

- Gender, post-harvest, and women learning initiative program specialist
- Finance and Administrative Officer
- Monitoring, Evaluation, Learning and MIS Database Officer.
- Communication Officer
- Fisheries Officer
- Project Driver

Asset disposition plan has been finalized and being implemented as approved by the USAID to ensure that all assets of the Project are disposed of by the time the Chief of Party and Deputy Chief of Party terminate and bring the project to closure in July 2020.

Implementation Challenges

The key implementation challenges relate to work overload in specific units of project implementation especially, the transport unit and the accounts/finance unit due to the consolidation of positions and roles among fewer staff in FY 20. This has been addressed by providing short term contracts for individuals who had been part of the project staff but exited as part of the project closeout and winddown process at end of FY 19. The absence of key members of the project team was also felt during the Data Quality Assessment (DQA) audit.

3. INTEGRATION OF CROSSCUTTING ISSUES AND USAID PRIORITIES

3.1 Gender Equity and Female Empowerment

Please see Section 2, IR5 for information on activities directly related to this issue.

3.2 Sustainability Mechanisms

Business planning for DAA and CEWEFIA was supported throughout FY 19 and in Q1 FY20. The operational plans will be taken up in Q2, FY 20, and finalized following the setting up the respective boards of each organization completed in Quarter 4, FY 19.

3.3 Environmental Compliance

In order to avoid environmental failure and safeguard the reputation of USAID, SFMP complies with USAID environmental compliance regulations and procedures. SFMP has completed all construction activities that were funded in the original project design. No additional construction requiring environmental compliance audits are programmed in the work plan for the no-cost extension period. All previous construction met required standards. No environmental compliance issues or needs were identified in Y6Q1. Activities moving forward to project completion in the FY 6 work plan are trainings, workshops, and monitoring which fall under categorical exclusions.

3.4 Global Climate Change

See Section 2, IR4.1: Planted mangroves stocks may be impacted by rising sea surface temps.

3.5 Policy and Governance Support

See Section 2, IR1 which describes SFMP's policy and governance support initiatives.

3.6 Local Capacity Development

See Section 2, IR7 for capacity development activities of government, producer, processor and CSO groups.

3.7 Public Private Partnerships

SFMP targets for public-private partnerships were achieved in Y5Q1.

3.8 Science, Technology, and Innovation

See section 2, IR 2 and IR 6 for activities on the scientific and technical innovations achieved during the quarter.

4. STAKEHOLDER PARTICIPATION AND INVOLVEMENT

During FY6Q1, SFMP stakeholder engagement focused on providing outreach and communications in support ending saiko fishing undertaken in collaboration with CSOs. SFMP continued to engage the key stakeholders within the fisheries sector. MOFAD/FC staff led deliberations leading to the launch of the Canoe Identification Cards with the active involvement of GNCFC. NAFPTA also been engaged in the preparatory arrangements related to the Learning Initiative on Women Empowerment, Access to Finance and Sustainable Fisheries Management initiative.

5. MANAGEMENT AND ADMINISTRATIVE ISSUES

SFMP had undergone a significant reduction in staffing and work activities with the start of the Year 6 no-cost extension period. Many staff positions and roles were consolidated and distributed over a smaller number of staff and some training in these new roles was necessary. This reorganization has resulted in a steep learning curve during this quarter as several senior management staff are no longer working with the project as part of the downsizing. Particularly in the M&E and communications functions.

6. LESSONS LEARNED

The declaration of a closed season for inshore trawler and artisanal fleets in 2019, while not perfect and still tainted by politics, provided organizational learning curve for MOFAD in terms of planning and execution of future closed seasons and any such interventions. All fisheries associations were invited to participate in consultations leading up to the formal setting of dates and communication on the part of the government was more focused and on point. The National Fisheries Associations of Ghana was asked to lead a consultation process to advise on dates that would most likely be successful. The lessons learned during 2018 and 2019 are expected to carryover to future declarations. It is expected that the 2020 closed season declaration would likely coincide with peak spawning period of the targeted species to facilitate recruitment of juvenile species and rebuilding of the stocks.

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7. PLANNED ACTIVITIES AND EVENTS FOR NEXT QUARTER

Selected highlights of upcoming activities in the FY20 quarter 2 include:

IR1

- Stakeholder meeting on the Co-Management Policy subject to approval of the policy by Cabinet

IR2

- Ongoing monitoring and training of fishers to contribute in the monitoring and evaluation of biological aspects of stock related to the May-June closed season for inshore trawler and artisanal (canoe) sector.
- Ongoing data collection at specific landing sites (schedule varies but is available from the senior fisheries policy advisor).

IR3

- Continued targeted engagement on the success of the 2019 closed season for inshore trawler and artisanal fleets and support for planning of the 2020 closed seasons
- TV discussion on socio-economic and biological result
- Radio discussion on socio-economic and biological result

IR4

- Monitor action plans related to operationalization of CEWEFIA and DAA business plans

IR5

- Identification and sensitization of 12 new VSLAs
- Monitoring and data collection for Women's Learning Initiative on Women Empowerment, Access to Finance and Sustainable Fisheries Management

IR6

- Private sector engagement targets were achieved in Y5Q1 and private sector engagements were phased out in preparation for project ending.

IR7

- Development and implementation of CEWEFIA and DAA actions plans

Project Management

- M&E coordination and management of final project activities
- M&E will revise Feed the Future Indicator Handbook, FY19 indicator targets and project evaluation per NCE period.
- Data Quality Assessment (M&E System compliance and field Audit)

8. FINANCIAL INFORMATION

USAID/Ghana Sustainable Fisheries Management Project

University of Rhode Island Coastal Resources Center

Award Number: AID-641-A-15-00001

USAID/Ghana Total Estimated Amount: \$23,987,826

Award Period of Performance: October 22, 2014 to September 30, 2020

Table 3. Estimated expenditures versus obligated funds

Budget Item	Total funds Obligated to Date December 30, 2019 (US\$)	Total Funds Expended to Date, through December 31, 2019 (US\$)	Projected Balance of Obligated Funds, Remaining as of December 31, 2019 (US\$)
Direct costs - SFMP	11,189,120	10,698,381	490,740
Subgrantees and Grants	9,202,525	8,873,321	329,204
Construction	387,000	307,113	79,887
Training	349,655	208,703	140,952
<i>Total Direct</i>	21,128,300	20,087,518	1,040,783
Modified Direct	11,189,120	10,698,381	490,740
Indirect	2,859,526	2,781,579	77,947
Total	23,987,826	22,869,096	1,118,730

ANNEX A. PROGRESS SUMMARY

The summary Table below includes all standard USAID indicators as shown in Section 1.2 as well as SFMP custom indicators. It measures planned versus achieved during the reporting quarter and gives a cumulative performance in each quarter.

Table 4. PMP Indicator progress - USAID Standard Indicators and Project Custom Indicators

Indicator	Data Source	Baseline Data		FY 2020		Quarterly Status – FY 2020				Annual Performance Achieved to Date (in %)	Comment(s)
		Year	Value	Annual Cumulative Planned Target	Annual Cumulative Actual	Q1	Q2	Q3	Q4		
Project Goal: Rebuild targeted fish stocks via adoption of sustainable practices and exploitation levels											
Project Goal Indicators											
Number of hectares in areas of biological significance and/or natural resource showing improved biophysical conditions as a result of USG assistance (EG 4.8.1-1)	Biophysical assessments, landing data, maps	2015	0	0	0	0	0	N/A	N/A	0%	This indicator only measured annually. STWG meeting scheduled to meet in March 2020 for FY 18/19 status
1.a Biomass to produce MSY (B_{msy}) (Project Indicator)	Project record and surveys	2015	0	N/A	N/A	N/A	Stable or increasing	N/A	N/A	N/A	No target but tracked. Biomass for 2017 of 21,750MT is far below STWG recommended target of 310,000MT MSY.

Indicator	Data Source	Baseline Data		FY 2020		Quarterly Status – FY 2020				Annual Performance Achieved to Date (in %)	Comment(s)	
		Year	Value	Annual Cumulative Planned Target	Annual Cumulative Actual	Q1	Q2	Q3	Q4			
												This indicator only tracked and measured annually. STWG meeting scheduled to meet in March for FY 18/19 status
1.b Fishing Mortality at MSY (F_{msy}) (Project Indicator)	Project record and surveys	2015	0	N/A	N/A	N/A	Stable or decreasing	N/A	N/A	N/A		No target but tracked. 2017 fishing mortality is $F=0.88$. $F=0.88$ is high compared to rebuilding F_{MSY} target of $F=0.4$. This indicator only tracked and measured annually. STWG meeting scheduled to meet in March 2020 for FY 18/19 status

Indicator	Data Source	Baseline Data		FY 2020		Quarterly Status – FY 2020				Annual Performance Achieved to Date (in %)	Comment(s)	
		Year	Value	Annual Cumulative Planned Target	Annual Cumulative Actual	Q1	Q2	Q3	Q4			
Number of indirect project beneficiaries (number), the percentage of which are female (percent)	Project record and surveys	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Intermediate Result (IR): POLICY: Strengthened enabling environment for marine resources governance												
Number of agricultural and nutritional enabling environment policies completing the following processes/steps of development as a result of USG assistance in each case: (FTF 4.5.1(24)) 1. Analysis 2. Stakeholder consultation/public debate 3. Drafting or revision 4. Approval (legislative or regulatory) 5. Full and effective implementation	Copies of laws, policies, strategies, plan or regulation	2015	0	FY 2020 Target	Q1 Results						4 in progress (1 co-mgt strategy and 3 co-mgt plans) 2 already completed – CLaT and Gender strategy; 1 cancelled – Fish Act	Action on Fish Act has been canceled as a result of lack of commitment on the part of MOFAD and 4 are in the process of being approved and pending at Cabinet level
				Fish Act – Step 3	N/A	Canceled	N/A	N/A	N/A			
				CLaT strategy– Step 4	Completed	N/A	N/A	N/A	N/A			
				Co-Management. policy – Step 4	Step 4 In progress	Step 4 In progress	N/A	N/A	N/A			
				NMFMP- Step 4	Completed	N/A	N/A	N/A	N/A			
				Pra (CBMP) - Step 4	Step 4 In progress	Step 4 In progress	N/A	N/A	N/A			
				Ankobra (CBMP) - Step 4	Step 4 In progress	Step 4 In progress	N/A	N/A	N/A			
				Densu (Oyster Plan) Step 4	Step 4 In progress	Step 4 In progress	N/A	N/A	N/A			

Indicator	Data Source	Baseline Data		FY 2020		Quarterly Status – FY 2020				Annual Performance Achieved to Date (in %)	Comment(s)
		Year	Value	Annual Cumulative Planned Target	Annual Cumulative Actual	Q1	Q2	Q3	Q4		
				Gender Strategy - Step 4	Completed	N/A	N/A	N/A	N/A		
Intermediate Result (IR): SCIENCE & RESEARCH: Increased use of science and applied research to inform decision-making, law enforcement and the implementation of management plans											
Number of institutions with improved capacity to develop and implement managed access fisheries management plans	Project records, capacity assessment reports	2015	0	13	13 (6 CSO & 7 GoG) (100%)	13 (6CSO & 7 GoG) (100%)	N/A	N/A	N/A	13 (100%)	7 GoG and 6 CSO have improved capacity based on final OCAs and GoG qual. assess. report
Intermediate Result (IR): CONSTITUENCIES: Constituencies and political will for policy reform & implementation built											
Number of days of USG funded technical assistance in NRM and/or biodiversity provided to counterparts or stakeholders (EG 4.8.1-28)	Trip reports, project records	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of information products disseminated in local media reports, radio shows, conference papers, and research studies (Project indicator).	Sample of reports	2015	0	2	1	1	N/A	N/A	N/A	50%	LoP target achieved but NCE target in progress and on target
Intermediate Result (IR): APPLIED MANAGEMENT: Improved management of marine resources											
Number of hectares of biological significance and/or natural resources under improved natural resource management as a result of USG assistance (EG 4.8.1)	GIS Maps, policy documents	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Indicator	Data Source	Baseline Data		FY 2020		Quarterly Status – FY 2020				Annual Performance Achieved to Date (in %)	Comment(s)
		Year	Value	Annual Cumulative Planned Target	Annual Cumulative Actual	Q1	Q2	Q3	Q4		
Number of DAs supported with USG Assistance (Ghana CDCS, IR 2.3 indicator)	Project records, Management plans	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Target achieved and ongoing assistance to DAs.
Improvement in fisheries enforcement and prosecutorial chain to counter IUU fishing (increase/decrease in prosecutions and percent that lead to conviction) (Project Indicator)	Project, police, district attorney, and FEU records	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A.
Number of climate vulnerability assessments conducted as a result of USG Assistance (EG 4.5.1)	Assessment reports	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number farmers and others who have applied new technologies or management practices as a result of USG assistance (FtF 4.5.2)	Project records	2015	0	0	200	200	N/A	N/A	N/A	0	Y over target (200 Oyster pickers from Densu Oyster 2 nd closed season starting in Nov 2019)
Number of micro, small and medium enterprises (MSMEs), including farmers, receiving business development services from USG assisted sources (FtF 4.5.2)	training participant records, lists of micro-enterprises supported	2015	0	475	596	596	N/A	N/A	N/A	596 (125%)	Indicator target over achieved

Indicator	Data Source	Baseline Data		FY 2020		Quarterly Status – FY 2020				Annual Performance Achieved to Date (in %)	Comment(s)
		Year	Value	Annual Cumulative Planned Target	Annual Cumulative Actual	Q1	Q2	Q3	Q4		
Value of agricultural and rural loans as a result of USG assistance (RAA) (WOG) EG.3.2-6	Private sector financial records, program data	2015	0	\$10,000	\$ 5636 M-0 (0%) F-\$ 5636 (32%)	\$ 5636	N/A	N/A	N/A	(56.36%)	On Target MASLOC has disbursement loans for 31 processors awaiting 22 for disbursement
Number of micro, small, and medium enterprises (MSMEs), including farmers, receiving agricultural-related credit as a result of USG assistance (RAA) EG.3.2-3	Private sector financial records, program data	2015	0	0	31	31	N/A	N/A	N/A	N/A	Over target MASLOC has disbursement loans for 31 processors and awaiting 22 more for disbursement
Number of food security private enterprises (for profit), producers' organizations, water users' associations, women's groups, trade and business associations, and community-based organizations (CBOs) receiving USG assistance (RiA) (WOG) (FTF 4.5.2(11))	Project document	2015	0	3 (same group with ongoing support, no new group)	3 - same group with ongoing support	3 - same group with ongoing support	N/A	N/A	N/A	3(100%)	Target achieved (support is ongoing)
Number of members of producer organizations and community based organizations receiving USG assistance (S)(FTF 4.5.2(27))	Project documents	2015	0	475	596	596	N/A	N/A	N/A	596 (125%)	Indicator target over achieved
Cross Cutting Indicators											

Indicator	Data Source	Baseline Data		FY 2020		Quarterly Status – FY 2020				Annual Performance Achieved to Date (in %)	Comment(s)
		Year	Value	Annual Cumulative Planned Target	Annual Cumulative Actual	Q1	Q2	Q3	Q4		
Number of people receiving USG supported training in natural resources management and/or biodiversity conservation, and climate change, disaggregated by gender (EG 4.8.1-27/ 4.8.2-6)	Project training reports and participant lists	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of person hours of training in natural resources management and/or biodiversity conservation supported by USG assistance (FiF 4.8.1-29)	Project training report.	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of individuals who have received USG-supported short-term agricultural sector productivity or food security training (RAA) (WOG) EG.3.2-1	Project training report.	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of individuals who have received USG-supported degree-granting agricultural sector productivity or food security training (RAA) EG.3.2-2	Project training report.	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ANNEX B. TRAINET REPORT

This report includes trainings that count towards two indicators: including farmers, receiving business development services from USG assisted sources (FtF 4.5.2-37), and Number of people receiving USG supported training in natural resources management and/or biodiversity conservation, and climate change, disaggregated by gender (EG 4.8.1-27/ 4.8.2-6). For indicator reporting they are included in one or the other of these result areas based on the type of training provided, but not double counted in any cases for both indicators.

Table 5. Trainings Reported for the Period October 1 – December 31, 2019.

Program Name	Start Date	End Date	USAID Budget (USD)	USAID Actual (USD)	Total Male Participants	Total Female Participants	Total Participants	USAID Budget Per Participants (USD)
In-Country Training								
Training in Business Development for MSMEs, Ekon, Komenda- CEWEFIA Y6Q1	11/4/2019	11/7/2019	5464	5464	4	141	145	37
Training and formation of VSLA groups in CEWEFIA target communities, Ekon, Komenda- CEWEFIA Y6Q1	11/4/2019	12/3/2019	296	296	2	94	96	3
VSLA Training on Financial literacy, leadership & advocacy, group dynamics & conflict resolution, entrepreneurship development & sustainable development, Tsokomey, Bortianor, Oshie, Kokrobite-DAA Y6Q1	11/5/2019	11/26/2019	109	109	3	112	115	1
Training of financial management, advocacy and leadership, Keta, Denu, Aflao, Ekumfi Narkwa- CRC Y6Q1	11/10/2019	11/20/2019	147	147	4	80	84	1

Program Name	Start Date	End Date	USAID Budget (USD)	USAID Actual (USD)	Total Male Participants	Total Female Participants	Total Participants	USAID Budget Per Participants (USD)
VSLA Training on Financial literacy, leadership & advocacy, group dynamics & conflict resolution, entrepreneurship development & sustainable development, Tetegu-DAA Y6Q1	11/10/2019	12/1/2019	25	25	0	12	12	2
Train women on Class one certification and provide financial support, Elmina- CEWEFIA Y6Q1	11/21/2019	11/21/2019	279	279	0	15	15	18
Training on Ahotor oven and maintenance, Narkwa Ekumfi- CRC Y6Q1	12/2/2019	12/2/2019	170	170	0	12	12	14
Training on Fish handling packaging and preservation, Volta, Western, Central, Greater Accra- CRC Y6Q1	12/11/2019	12/17/2019	1578	1578	2	115	117	13
In Country Training Total			8068	8068	15	581	596	89

ANNEX C. FISHERIES STORIES REPORTED IN THE MEDIA (OCTOBER 2019 – DECEMBER 2019)

PLATFORM/ MEDIA HOUSE		SEGMENT /TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
1	Ghanaweb	News Item	Government pays for 10 landing beaches projects https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Government-pays-for-10-landing-beaches-projects-786312#	4th October 2019
2	Graphic Online	News Item	Govt pays for 10 landing beaches projects https://www.graphic.com.gh/news/general-news/govt-pays-for-10-landing-beaches-projects.html	4 th October, 2019
3	Ghanaweb	News Item	Fish farmers attempt to beat EU standard with FAO's improved method https://www.ghanaweb.com/GhanaHomePage/business/Fish-farmers-attempt-to-beat-EU-standard-with-FAO-s-improved-method-786703	6 th October, 2019
4	Ghanaweb	News Item	Program to clean the coast of all beaches launched https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Program-to-clean-the-coast-of-all-beaches-launched-787684	10th October 2019
5	Ghanaweb	News Item	Volta Regional Canoe Fishermen delegates conference ends at Keta https://www.ghanaweb.com/GhanaHomePage/business/Volta-Regional-Canoe-Fishermen-delegates-conference-ends-at-Keta-787719	10th October 2019
6	Newsghana. com	News Item	Volta Regional Canoe Fishermen Delegates Conference ends at Keta https://www.newsghana.com.gh/volta-regional-canoe-fishermen-delegates-conference-ends-at-keta/	10 th October, 2019
7	Newssumme dup.com	News Item	Volta Regional Canoe Fishermen Delegates Conference ends at Keta https://newssummedup.com/summary/Volta-Regional-Canoe-Fishermen-delegates-conference-ends-at-Keta-ddqfci	10 th October 2019
8	Ghana news agency	News Item	Volta Regional Canoe Fishermen Delegates Conference ends at Keta https://ghananewsagency.org/social/volta-regional-canoe-fishermen-delegates-conference-ends-at-keta-157662	9 th October, 2019
9	Starrfm.com	News Item	Fishing trawler caught on Ghanaian sea; fined \$1m https://starrfm.com.gh/2019/10/fishing-trawler-caught-on-ghanaian-sea-fined-1m/	10 th October, 2019
10	Myjoyonline .com	News Item	Chinese trawler fined \$1m for fishing with illegal nets in Ghana https://www.myjoyonline.com/news/2019/October-14th/chinese-trawler-fined-1m-for-fishing-with-illegal-nets-in-ghana.php	14 th October, 2019

PLATFORM/ MEDIA HOUSE		SEGMENT /TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
11	Ghanadailies.com	News Item	Fishing trawler caught on Ghanaian seas; fined \$1M http://www.ghanadailies.com/tag/fishing-trawler-caught-on-ghanaian-sea-fined-1m/	11 th October, 2019
12	TV3	News Item	Company fined over \$1m for engaging in illegal fishing https://3news.com/company-fined-over-1m-for-engaging-in-illegal-fishing/	October 10, 2019
13	Ghanaian Times	News Item	War against illegal fishing at sea: Trawler slapped with \$1m fine to pay additional GH¢124,000 penalty http://www.ghanaiantimes.com.gh/war-against-illegal-fishing-at-sea-trawler-slapped-with-1m-fine-to-pay-additional-gh% C2%A2124000-penalty/	October 23, 2019
14	Ghanaweb	News Item	Chinese trawler fined \$1m for fishing with illegal nets in Ghana https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Chinese-trawler-fined-1m-for-fishing-with-illegal-nets-in-Ghana-789115	15 October 2019
15	Myjoyonline.com	News Item	West Africa fishing communities receive FAO training in new fish smoking technique https://www.myjoyonline.com/business/2019/October-9th/west-africa-fishing-communities-receive-fao-training-in-new-fish-smoking-technique.php	9th October 2019
16	Gh headlines.com	News Item	Company fined over \$1m for engaging in illegal fishing http://ghheadlines.com/agency/3news/20191010/131863830/company-fined-over-1m-for-engaging-in-illegal-fishing	10th October, 2019
17	Citi Tv	News Item	Ghanaian fishing vessel operated by Chinese fined \$1million for illegal activities https://www.youtube.com/watch?v=VF5J1FzDeo0	October 11, 2019
18	Citi Fm	News item	Ghanaian fishing vessel operated by Chinese fined \$1million for illegal activities https://www.facebook.com/citi973/videos/ghanaian-fishing-vessel-operated-by-chinese-fined-1million-for-illegal-activitie/410078439708148/	October 12, 2019
19	Myjoyonline.com	News item	Chinese trawler fined \$1m: EU praises Ghana government https://www.myjoyonline.com/news/2019/October-17th/chinese-trawler-fined-1m-eu-praises-ghana-government.php	17 th October 2019
20	Ghana News Agency	News Item	Robust and transparent enforcement needed to end saiko- EU https://ghananewsagency.org/social/robust-and-transparent-enforcement-measures-needed-to-end-saiko-eu-158139	17 th October, 2019
21	Ghanaweb	News Item	Robust and transparent enforcement needed to end saiko- EU	18 October 2019

PLATFORM/ MEDIA HOUSE		SEGMENT /TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
			https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Robust-and-transparent-enforcement-measures-needed-to-end-Saiko-EU-790540	
22	Graphic Online	News Item	Rawlings applauds \$1m penalty against fishing company https://www.graphic.com.gh/news/general-news/rawlings-applauds-1m-penalty-against-fishing-company.html	October 23 , 2019
23	UTV	News Item	Rawlings applauds \$1m penalty against Chinese fishing firm https://utv.peacefmonline.com/pages/videos/201910/13080.php	24 th October 2019
24	Ayekoo.com	News Item	Rawlings applauds \$1m penalty against Chinese fishing firm https://news.ayekoo.com/1.15106552	October 24, 2019
25	Peacefmonline.com	News Item	Rawlings applauds \$1m penalty against fishing company https://mypeacefm.com/rawlings-applauds-1m-penalty-against-fishing-company/	October 24, 2019
26	Omanghnews.com	News Item	Rawlings applauds \$1m penalty against fishing company https://omanghnews.com/rawlings-applauds-1m-penalty-against-fishing-company/	October 24, 2019
27	Ghanaweb	News Item	Angry Speaker suspends sitting over Fisheries minister's absence https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Angry-Speaker-suspends-sitting-over-Fisheries-minister-s-absence-792871	24 October 2019
28	Modernghana.com	News Item	Parliament Suspends Sitting Over Fisheries Minister's Absence https://www.modernghana.com/news/963369/parliament-suspends-sitting-over-fisheries-minister.html	24 TH October, 2019
29	Myjoyonline.com	News Item	Parliament suspends sitting to 'chase' Deputy Fisheries Minister https://www.myjoyonline.com/politics/2019/October-24th/parliament-suspends-sitting-to-chase-deputy-fisheries-minister.php	4th October, 2019
30	Peacefmonline.com	News Item	Fisheries Minister's absence forces Parliament to suspend sitting https://www.peacefmonline.com/pages/videos/201910/13134.php	24th October 2019
31	Ghanaweb	News Item	Moshake appeals to Akufo-Addo to fix Premix-fuel shortage https://www.ghanaweb.com/GhanaHomePage/business/Moshake-appeals-to-Akufo-Addo-to-fix-Premix-fuel-shortage-793460	26 th October 2019
32	Ghana Guardian	News Item	Work on Keta Landing Beach to start in November	26 th October, 2019

PLATFORM/ MEDIA HOUSE		SEGMENT /TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
			https://ghanaguardian.wordpress.com/2019/10/26/work-on-keta-landing-beach-to-start-in-november/	
33	The Chronicle	News Item	Fishermen defying order not to fish @ Akosombo Dam spillway http://thechronicle.com.gh/index.php/2019/10/30/fishermen-defiling-order-not-to-fish-akosombo-dam-spillway/	October 30, 2019
34	The Independent Ghana	News Item	Tema fishermen disagree on significance of flags on canoes https://theindependentghana.com/tema-fishermen-disagree-on-significance-of-flags-on-canoes/	October 31st, 2019
35	Starrfmonline.com	News Item	W/R: Huge mammal washed ashore https://starrfm.com.gh/2019/10/w-r-huge-mammal-washed-ashore/	October 31st, 2019
36	UTV	News Item	Huge mammal washed ashore in Western Region https://www.youtube.com/watch?v=v7w-iGJRITI	November 1, 2019
37	Ghanaweb	News Item	Kedzikope residents wage war on illegal fishing https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Kedzikope-residents-wage-war-on-illegal-fishing-797313	8 November 2019
38	Ghana News Agency	News Item	Ten fishermen rescued after boat capsized https://ghananewsagency.org/social/ten-fishermen-rescued-after-boat-capsized-159867	16 th November, 2019
39	The Guardian	News Item	The vanishing: Ghana's defenders face new perils in fight against overfishing https://www.theguardian.com/environment/2019/nov/16/ghana-fisheries-observer-vanishes	16 th November, 2019
40	ABCnewsgh.com	News feature	Family of missing Ghanaian observer on China fishing vessel demands answers from government after five months of "no show" https://www.abcnewsgh.com/family-of-missing-ghanaian-observer-on-china-fishing-vessel-demands-answers-from-government-after-five-months-of-no-show/	18 th November, 2019
41	Ghana News Agency	News Item	There's no salmon "fish" in Ghana- Fisheries scientist https://ghananewsagency.org/social/there-is-no-salmon-fish-in-ghana-fisheries-scientist-159889	16 th November, 2019
42	Graphic Online	News Item	Closed Fishing season for all fleets same time not possible — Fisheries Commission https://www.graphic.com.gh/news/general-news/ghana-news-closed-fishing-season-for-all-fleets-same-time-not-possible-fisheries-commission.html	November 18, 2019
43	Ghana News Agency	News Item	Anomabo fisheries college to open next academic year https://ghananewsagency.org/social/anomabo-fisheries-college-to-open-next-academic-year-159916	17 th , November, 2019

PLATFORM/ MEDIA HOUSE		SEGMENT /TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
44	Daily Graphic	Opinion by G.D. Zaney, Esq.	Using Fisheries Act to arrest decline. Education on the law is key	18 th November, 2019
45	Afropages	News Story	Fisheries Minister Trains Journalists on Fisheries Reporting https://en.afropages.fr/african-press/148-modern-ghana/692010-fisheries-minister-train-journalists-on-fisheries-reporting	19 th November 2019
46	Ghanaweb	New Story	Fisheries Minister trains journalists in fisheries reportage https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Fisheries-Minister-trains-journalists-in-fisheries-reportage-800227	18 November 2019
47	Dailyguidenetwork.com	New Story	Bumper Fish Harvest In The Offing – Deputy Minister https://dailyguidenetwork.com/bumper-fish-harvest-in-the-offing-deputy-minister/	November 21, 2019
48	GhanaWeb	News Story	Bumper fish harvest in the offing – Deputy Minister https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Bumper-fish-harvest-in-the-offing-Deputy-Minister-801096	21 st November 2019
49	Ava 360 news	News Story	World Fisheries Day- News Desk on Joy News (21-11-19) https://news.ava360.com/world-fisheries-day-news-desk-on-joynews-21-11-19_0d11b5e7f.html	21 st November, 2019
50	GhanaWeb	News Story	Government not selling premix fuel on party lines – Deputy Fisheries Minister https://www.ghanaweb.com/GhanaHomePage/business/Government-not-selling-premix-fuel-on-party-lines-Deputy-Fisheries-Minister-801705	23 rd November 2019
51	Myjoyonline.com	News Story	Find missing Fisheries Observer – GNCFC tells gov't https://www.myjoyonline.com/news/2019/November-25th/find-missing-fisheries-observer-gncfc-tells-govt.php	25 th , November 2019
52	GhanaWeb	News Item	Stop light fishing – Akufo-Addo appeals to fishermen in Ga Mashie https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Stop-light-fishing-Akufo-Addo-appeals-to-fishermen-in-Ga-Mashie-804902	3 rd December 2019
53	Starr Fm	News Story	Stop Light fishing – Akufo-Addo appeals to Ga Mashie fishermen https://starrfm.com.gh/2019/12/stop-light-fishing-akufo-addo-appeals-to-ga-mashie-fishermen/	December 3, 2019
54	Ghanadailies.com	News Item	Stop Light fishing – Akufo-Addo appeals to Ga Mashie fishermen http://www.ghanadailies.com/2019/12/03/stop-light-fishing-akufo-addo-appeals-to-ga-mashie-fishermen/president-akufo-addo-delivering-his-remarks-at-the-ncce-programme/	December 3, 2019

PLATFORM/ MEDIA HOUSE		SEGMENT /TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
55	Business Ghana.com	News Item	Stop negative fishing practices - President http://www.businessghana.com/site/news/general/201828/Stop-negative-fishing-practices-President	5 th December,2019
56	24 Ghana	News Item	I Beg You, Stop Light Fishing – Akufo-Addo To Ga Mashie Fishermen http://www.24ghana.com/national/i-beg-you-stop-light-fishing-akufo-addo-to-ga-mashie-fishermen/111538-news	December 03, 2019
57	The Independent	News Item	Loans for women in fishing ready – Government https://theindependentghana.com/loans-for-women-in-fishing-ready-government/	December 4th, 2019
58	Myjoyonline .com	News Item	Over 6,000 outboard motors, fishing gear for fisherfolk https://www.myjoyonline.com/news/2019/December-3rd/over-6000-outboard-motors-fishing-gear-for-fisherfolk.php	03 December, 2019
59	Classfmonli ne	News Item	Wulomei asking for fishing ban extension – Akufo-Addo https://mobile.classfmonline.com/news/general/Wulomei-asking-for-fishing-ban-extension-Akufo-Addo-8655	December 03, 2019
60	Peace Fm	News Item	Jubilant Traders, Fishermen Hail Nana In Accra https://m.peacefmonline.com/pages/local/news/201912/396902.php	04 December 2019
61	Graphic.com	News Item	Govt spends GH¢373.9m on premix fuel subsidy https://www.graphic.com.gh/business/business-news/ghana-news-govt-spends-gh-373-9m-on-premix-fuel-subsidy.html	December 04, 2019
62	Ghana news online	News Item	Expenditure targets in premix fuel unmet https://ghananewsonline.com.gh/expenditure-targets-in-premix-fuel-unmet/	4 th December, 2019
63	Yen.com.gh	News Item	Photos drop as fisherman sweeps fresh fish to be sold with broom https://yen.com.gh/139859-photos-drop-fisherman-sweeps-fresh-fish-sold-broom.html	5 th December, 2019
64	Myjoyonline .com	News Item	Photo of the Week: They will find their way onto your dinner tables https://www.myjoyonline.com/news/2019/December-4th/photo-of-the-week-they-will-find-their-way-onto-your-dinner-tables.php	4 th December, 2019
65	Peace Fm	News Item	Gov't Urged To Place Electronic Monitoring Systems On Fishing Vessels https://www.peacefmonline.com/pages/local/news/201912/397077.php	December 8, 2019
66	News Ghana	News Item	Government urged to place electronic monitoring systems on fishing vessels	December 7, 2019

PLATFORM/ MEDIA HOUSE		SEGMENT /TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
			https://newsghana.com.gh/government-urged-to-place-electronic-monitoring-systems-on-fishing-vessels/	
67	Graphic.com	News Item	Construction of Jamestown Fishing Harbour to begin January 2020 - Adjei Sowah https://www.graphic.com.gh/news/general-news/construction-of-jamestown-fishing-habour-to-begin-january-2020-adjei-sowah.html	December 06, 2019
68	December 05, 2019	News Item	Cold stores now overflowing with bumper fish harvest – Gov't http://cmonline.com.gh/cold-stores-now-overflowing-with-bumper-fish-harvest-govt/	December 5, 2019
69	Ghana web	News Item	Cold stores now overflowing with bumper fish harvest – Gov't https://www.ghanaweb.com/GhanaHomePage/business/Cold-stores-now-overflowing-with-bumper-fish-harvest-Gov-t-805975	December 4, 2019
70	Daily Graphic	News Item	Fishermen outraged over interim management committee	December 6, 2109
71	Peace Fm	News Item	Akan news @ noon on peace 104.3 FM https://www.facebook.com/Peace104.3FM/videos/981254488897557/	December 11, 2019
72	Adoanewsonline.com	News Item	Canoe registry to be developed for marine fisheries https://adoanewsonline.com/2019/12/11/canoe-registry-to-be-developed-for-marine-fisheries/	December 11, 2019
73	GhanaWeb	News Item	Govt to introduce Canoe Identification Card to curb premix fuel diversion https://www.ghanaweb.com/GhanaHomePage/business/Govt-to-introduce-Canoe-Identification-Card-to-curb-premix-fuel-diversion-812467?channel=D2	11th December 2019
74	Ghana News Agency	News Item	Ministry of Fisheries Launches Canoe Identification Card https://ghananewsagency.org/social/ministry-of-fisheries-launches-canoe-identification-card-161118	December 11, 2019
75	The vaultzmag.com	News Item	Canoe Identification Card Launched. https://thevaultzmag.com/index.php/vaultz-daily-brief/canoe-identification-card-launched	December 12, 2019
76	Livestock and fisheries chamber	News Item	Ministry of Fisheries launches Canoe Identification Card https://livestockandfisherieschamber.com/ministry-of-fisheries-launches-canoe-identification-card/	December 12, 2019
77	Gh headlines.com	News Item	Ministry of Fisheries launches Canoe Identification Card http://www.ghheadlines.com/agency/ghana-business-news/20191212/133098403/ministry-of-fisheries-launches-canoe-identification-card	December 12 2019

PLATFORM/ MEDIA HOUSE		SEGMENT /TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
78	Fisheries and Livestock Chamber	News Item	Govt to introduce Canoe Identification Card to curb premix fuel diversion http://www.ghheadlines.com/agency/ghana-web-20191211/133081911/govt-to-introduce-canoe-identification-card-to-curb-premix-fuel-diversion	December 12, 2019
79	Myjoyonline.com	News Item	Ministry of Fisheries launches Canoe Identification Card http://www.myjoyonline.com/news/2019/December-12th/ministry-of-fisheries-launches-canoe-identification-card.php	December 12, 2019
80	Citinewsroom.com	News Item	Government to introduce canoe identification card to curb premix fuel diversion https://citinewsroom.com/2019/12/govt-to-introduce-canoe-identification-card-to-curb-premix-fuel-diversion/	December 11, 2019
81	Graphiic.com	News Item	Closed fishing season to be extended — Fisheries Ministry https://www.graphic.com.gh/news/general-news/closed-fishing-season-to-be-extended-fisheries-ministry.html	December 12, 2019
82	Citi newsroom	News Item	Ban “Saiko” fishing now- Canoe fishermen to government https://citinewsroom.com/2019/12/ban-saiko-fishing-now-canoe-fishermen-to-govt/	December 11, 2019
83	YouTube Page	News Item	Ghana canoe ID card launched https://www.youtube.com/watch?v=gie4UI8BMW0&feature=youtu.be	December 12, 2019
84	Joy news	News Item	Artisanal fishing- Fisheries Ministry launches Canoe Identification System for effective management of sector https://www.facebook.com/JoyNewsOnTV/videos/460797167973799?vh=e&d=n&sfns=mo	December 11 2019
85	Ghanaian Times	News Item	Govt launches Canoe Identification Cards...to regulate marine artisan fisheries sector	December 12, 2019
86	BnFT	News Item	Ministry takes steps to curb illegal sale of pre-mix fuel	December 12, 2019
87	Everlove TV	Live Facebook broadcast	National Biometric Registration of Canoe launched today at Keta https://www.facebook.com/626765541079304/posts/792007344555122?vh=e&d=n&sfns=mo	December 10, 2109
88	Everlove TV	Live Facebook broadcast	Ministry of Fisheries and Aquaculture Development Launched National Biometric Registration of Canoe today at Keta Says by Hon Elizabeth Afoley Quaye https://www.facebook.com/626765541079304/posts/792028881219635?vh=e&d=n&sfns=mo	December 10, 2109

PLATFORM/ MEDIA HOUSE		SEGMENT /TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
89	Ghana Web	News Item	Ghanaians to blame for illegal fishing activities, not foreigners – Nii Lante Bannerman https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Ghanaians-to-blame-for-illegal-fishing-activities-not-foreigners-Nii-Lante-Bannerman-814420?channel=D2	December 13 2019
90	Ghana Districts.com	News Item	MoFAD launches Canoe Identification Cards http://ghanadistricts.com/Home/Reader/e35ca8c-785c-4f7f-89	December 12 2019
91	Citi Newsroom	News Item	Ghanaians to blame for illegal fishing activities, not foreigners- Nii Lante Bannerman https://citinewsroom.com/2019/12/ghanaians-to-blame-for-illegal-fishing-activities-not-foreigners-nii-lante-bannerman/	December 13 2019
92	Jubilee radio	News Item	Government Launches Canoe Identification Cards	December 11, 2019
93	Kekeli radio	News Item	Government Launches Canoe Identification Cards	December 11, 2019
94	Antika Tv	News Item	The Canoe Registration Story	December 11, 2019
95	Radio Ghana	News Item	Fisheries Ministry Launches Canoe Identification Card	December 11, 2019
96	Tv3	News Item	Government Launches Canoe Identification Cards https://youtu.be/gie4UI8BMW0	December 13, 2019
97	UTV	News Item	Government Launches Canoe Identification Cards	December 14, 2109
98	Atinkaonline.com	News Item	Fisheries Ministry, USAID Launch Canoe Identification Card System https://www.atinkaonline.com/fm/fisheries-ministry-usaid-launch-canoe-identification-card-system/	December 16, 2019
99	GTV	News Item	Ministry of Fisheries and Aquaculture Development Launches Canoe Identification Card	December 17, 2019
100	BnFT	Feature	Making fish-processing lucrative	December 18, 2019

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