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# SUSTAINABLE FISHERIES MANAGEMENT PROJECT (SFMP)

## ANNUAL PROGRESS REPORT



October 1, 2019 – September 30, 2020

THE  
UNIVERSITY  
OF RHODE ISLAND  
GRADUATE SCHOOL  
OF OCEANOGRAPHY



**resonance**  
Frontier Market Solutions  
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**Cover photo:** A fisherman washing his hands at a landing site in the Central Region at a handwashing station provided by the USAID SFMP while a Site Advocate trained by the project watches on to ensure proper handwashing and adherence to COVID-19 prevention protocols.

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## ACRONYMS

CCM	Center for Coastal Management
CDCS	Country Development Cooperation Strategy
CEWEFIA	Central and Western Region Fishmongers Improvement Association
CIC	Canoe Identification Card
CLaT	Child Labor and Trafficking
CRC	Coastal Resources Center
CSO	Civil Society Organization
DAA	Development Action Association
DFAS	Department of Fisheries and Aquatic Sciences
EG	Economic Growth
EJF	Environmental Justice Foundation
F2F	Fisher-to-Fisher
FAO	Food and Agricultural Organization of the United Nations
FC	Fisheries Commission
FoN	Friends of the Nation
FSSD	Fisheries Scientific Survey Division
FtF	USAID's Global Feed the Future Program
FY	Fiscal Year
GIFA	Ghana Inshore Fishermen's Association
GIS	Geographic Information System
GITA	Ghana Industrial Trawlers Association
GNCFC	Ghana National Canoe Fishermen's Council
GoG	Government of Ghana
HM	Hen Mpoano
IP	SFMP Implementing Partner
IR	Intermediate Results
IUU	Illegal, Unreported, and Unregulated (Fishing)
LoP	Life of Project
M&E	Monitoring and Evaluation
MASLOC	Microfinance and Small Loans Centre
METSS	Monitoring Evaluation and Technical Service Support
MOFAD	Ministry of Fisheries and Aquaculture Development
MOGCSP	Ministry of Gender, Children and Social Protection
MOH	Ministry of Health
MOI	Ministry of Information
MSMEs	Micro, Small and Medium-scale Enterprises
NAFAG	National Fisheries Association of Ghana
NAFPTA	National Fish Processors and Traders Association
NAFPTA	National Fish Processors and Traders Association

NGO	Non-Governmental Organization
NMFMP	National Marine Fisheries Management Plan
NRM	Natural Resources Management
OCA	Organizational Capacity Assessment
PMP	Performance Management Plan
SFMP	Sustainable Fisheries Management Project
UAV	Unmanned Aerial Vehicle
UCC	University of Cape Coast
URI	University of Rhode Island
USAID	United States Agency for International Development
USG	United State Government
VSLAs	Village Savings and Loans Associations

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## 1. PROGRAM OVERVIEW / SUMMARY

Program Name:	Sustainable Fisheries Management Project
Activity Start and End Date:	October 22, 2014 to April 30, 2021
Name of Prime Implementing Partner:	Coastal Resources Center, University of Rhode Island
Agreement Number:	AID-641-A-15-00001
Name of Sub-awardees:	Central and Western Fish Mongers Association (CEWEFIA) Development Action Association (DAA) Friends of the Nation (FoN) Hen Mpoano (HM) Resonance University of Cape Coast
Major Government Counterpart Organizations	Ministry of Fisheries and Aquaculture Development Fisheries Commission
Geographic Coverage	Ghana: Central Region, Western Region, Greater Accra Region, Volta Region
Reporting Period:	October 1, 2019 – September 30, 2020

### 1.1 Program Description/ Introduction

The implementation of the SFMP, which was originally scheduled for five-years (October 2014 - October 2019) was extended through a No Cost Extension arrangement (November 1, 2019 – September 31, 2020) to consolidate activities aimed at achieving the project’s goal of rebuilding marine fisheries stocks 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. Originally, the SFMP has been working with the Ministry of Fisheries and Aquaculture Development (MOFAD) and the Fisheries Commission (FC) to end overfishing of key stocks important to local food security through achievement of the following Intermediate Results (IRs):

IR1 - Improved legal enabling conditions for co-management.

IR2 - Strengthened information systems and science-informed decision-making.

IR3 - Increased constituencies that provide the political and public support.

IR4 - Implementation of applied management initiatives for targeted fisheries.

The Coastal Resources Center (CRC) at the University of Rhode Island’s (URI) Graduate School of Oceanography is the lead implementer of the SFMP, working with a consortium of

other international and local partners. SFMP has been focusing efforts on the small pelagic fisheries along the entire coastal region of Ghana as well as fisheries and essential mangrove fish habitats in three coastal estuaries -The Densu, Pra and Ankobra systems. Additionally, SFMP has been supporting improvements in the value chain of smoked fish, important to tens of thousands of women fish processors to ensure the production and trade in quality fish.

Following the outbreak of the COVID-19 pandemic in Ghana in March 2020, it was considered that this unanticipated development could have dire consequences on the artisanal fisheries sector, which is central to the economy and the livelihoods of 300,000 men and women in over 300 coastal communities given the communal nature of landing fish and the related post-harvest activities. It will be challenging to keep fisher folks safe and healthy to sustain seafood supply and distribution, taking into consideration the mode of spread of the virus.

Moreover, the absence of effective and pragmatic approaches to deliver social and or economic safety net packages to vulnerable fishing households to mitigate the secondary impacts of the COVID-19 pandemic complicates the challenges. If these risks and challenges are not managed, the COVID-19 virus could quickly spread through fishing communities with devastating impacts including loss of lives and erode all gains of fisheries stakeholders towards sustainable management of the resource supported by SFMP. The re-imposition of any future partial area lockdowns or a full lockdown of the country and/or fishing communities could also endanger fisheries value chains, which provide livelihoods for close to ten percent of the population and a vital source of affordable, high-quality protein for Ghanaians.

On May 28, 2020, the SFMP Cooperative Agreement with URI was modified to provide a 7-month cost extension through April 2021. A supplemental Program description was provided with the following result areas elaborated to achieve the goal of the SFMP COVID-19 response initiative: “To prevent the spread and mitigate the economic effects of COVID-19 among vulnerable households in fishing communities in Ghana.”

COVID 1: Fisherfolk at 300 landing sites, processing and/or fish markets sites better adhere to official COVID-19 disease prevention protocols.

COVID 2: Two thousand extremely vulnerable fisheries-dependent households avoid extreme poverty.

COVID 3: GoG has evidence on approaches for effective livelihood assistance to fishing communities affected by COVID-19.

COVID 4: Cross Cutting Areas: Private Sector Engagement and Partnerships; Gender and Youth; Building for Sustainability.

In pursuit of these strategic outcomes, the SFMP COVID-19 response program will work with the 27 metropolitan, municipal, and district assemblies (MMDAs) along the entire coast of Ghana. Additionally, the program will work with the Ministry of Fisheries and Aquaculture Development (MOFAD); the Fisheries Commission (FC), Ministry of Health (MOH), Ministry of Information (MOI), as well as fisherfolk associations that have membership and respected leaders in almost all 186 fishing villages found along the coast.

This report details activities, results, and lessons learned during the Project Year 6 (FY20). It explains how partners have contributed to the achievement of targets under the original

SFMP and how these achievements will be sustained to meet the overarching goal of SFMP. The report also provides details on the progress of activities initiated under the SFMP COVID-19 response program.

## ***1.2 Summary of Original SFMP and SFMP COVID-19 Response Intervention Results***

This section provides a summary of the results achieved in Year 6 based on PMP targets in relation to the project goal and intermediate results targets for the original SFMP activities in addition to the added on activities under SFMP COVID-19 Response intervention. Table 1 shows the FtF standard indicators and the Custom/Project indicators on which SFMP reports. However, for a full list of indicators (FtF, other standard USAID indicators, and custom indicators) and narrative on each, see Annex 1.

**Table 1: Summary of Results to Date on FtF and Other USAID Standard Indicators and Custom/Project Indicators**

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 hectares in areas of biological significance and/or natural resource showing improved biophysical conditions as a result of USG assistance (EG 10.2-1)	0	0	0	0	0	0	0	N/A	N/A (Tracked annually) Draft STWG stock assessment report shows both overfishing still occurring and the stocks are considered overfished. Report indicates that small pelagic landings in 2019 are below 10% historic highs and therefore technically have collapsed.	
Number of agricultural and nutritional enabling environment policies completing the following processes/steps of development as a result of USG assistance in each case: (Project Custom Ind.) 1. Analysis 2. Stakeholder consultation 3. Drafting or revision 4. Approval (legislative or regulatory) 5. Full and effective implementation (Project indicator 1)	0	<b>Target</b>	<b>Results</b>							
		Fish Act –Step 3	N/A	cancelled	cancelled	cancelled	N/A	N/A	N/A	Y- Step 2 achieved in FY19. Activities supporting this canceled.
		CLaT strategy–Step 4	Achieved FY17	N/A	N/A	N/A	N/A	N/A	N/A	Y- Step 4 achieved in FY17. No further target in following years.
		Co-Management. policy–Step 4	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process	N/A	N/A	–Partially achieved approval from Cabinet received. Not yet signed by the Minister
		NMFMP-Step 4	Achieved FY18	N/A	N/A	N/A	N/A	N/A	N/A	Y-Step 4 achieved in FY18. No further target in following years.

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
		Pra (CBMP) - Step 4	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process	N/A	Partially achieved approval from Cabinet received. Not yet signed by the Minister
		Ankobra (CBMP) -Step 4	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process	N/A	Partially achieved approval from Cabinet received. Not yet signed by the Minister
		Densu (Oyster Plan) Step 4	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process	N/A	Partially achieved approval from Cabinet received. Not yet signed by the Minister
		Gender Strategy -Step 4	Achieved in FY17	N/A	N/A	N/A	N/A	N/A	Y-Step 4 achieved in FY17. No further target in following years
Number of hectares under improved management practices or technologies with USG assistance (EG.3.2-25)	0	611,000	1792 hectares	1792	1792	1792	0	0%	N-Largely met in previous years but small pelagic closed season 2020 was postponed until 2021 due to COVID-19. Canoe registration database complete cards printed but not yet distributed and moratorium on new entrants not declared by MOFAD. Reported this year is the Densu

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
									estuary management area for the oyster fishery with implementation of a 3 <sup>rd</sup> consecutive annual closed season from mid-November 2019 to mid-April 2020.
Number of hectares of biologically significant areas under improved natural resource management as a result of USG assistance. (EG.10.2-2)	0	611,000	1792	1792	1792	1792	0	0%	N – Same as EG 3.2-25
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	Y -120% LOP achieved in FY19. No longer tracked.
Number of individuals in the agriculture system who have applied improved management practices or technologies with USG assistance (EG.3.2-24).	0	10,200	200	200	200	200	0	2%	N 200 Oyster pickers from Densu Oyster 2 <sup>nd</sup> closed season starting in mid-Nov 2019. 10,000 CIC printed but cards expected to be distributed in Q1 FY 2021. Replaces EG.3.2-17/ FtF 4.5.2, “Number of farmers and others who have applied new technologies or management practices as a result of USG assistance.”

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 individuals participating in USG-assisted group-based savings, micro-finance or lending programs (EG.4.2-7)	0	1174	1174	N/A	N/A	N/A	1174	100%	Y Continuing and new VSLA members. Indicator added in Q4, so results reported in Q4.
Number of micro, small and medium enterprises (MSMEs), including farmers, receiving business development services from USG assisted sources (Project indicator 3)	0	951	951	596	355	0	0	951 (100%)	Y
Value of agriculture-related financing accessed as a result of USG assistance, a new indicator that looks at both credit and debt (loan)-related financing provided (EG.3.2-27).	0	\$10,000	\$ 9036 M-0 (0%) F-\$ 9036 (100%)	\$ 5636 M-0 (0%) F-\$ 5636 (100%)	\$ 3400 M-0 (0%) F-\$ 3400 (100%)	0	0	(90.4%)	Y 90.4% of CE annual target (within 10%). 14 target beneficiaries did not accept a loan because the credit facility was considered too small for their business requirements. No additional action on this indicator planned. Started in FY19 in place of the discontinued indicator, "Value of agricultural and rural loans as a result of USG assistance (RAA) (WOG) EG.3.2-6"



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 food security private enterprises (for profit), producer organizations, water users associations, women's groups, trade and business associations, and community-based organizations (CBOs) receiving USG assistance (Project indicator 6)	0	3 (same group with ongoing support, no new group)	3 - same group with ongoing support	3 - same group with ongoing support	3 - same group with ongoing support	3 - same group with ongoing support	N/A	3 (100%)	Y (support is ongoing)
Number of members of producer organizations and community-based organizations receiving USG assistance (Project indicator 4)	0	10,951	951	596	355	0	N/A	951 (8.7%)	N The Canoe Identification Card (CIC) was to be implemented (distributed) in Q4 FY20 but delayed until the new software for reading cards in the field by FC officers is completed.
Number of individuals participating in USG food security programs (EG.3.2)	0	550	1530	1079	451	0	0	278%	Y CE FY20 Workplan added this target due to FY20 target entered in FTFMS. It will also be reported under COV 2a and 3b, but not in FY20.
Number of service providers that receive training, technical assistance, or capacity building in victim-centered and trauma-informed services (PS.5.1-24)	0	670	656	N/A	N/A	600	56	98%	Y Components of the CLaT activities related to this indicator were delayed as a result of

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
									COVID-19 but were eventually implemented
Number of people trained in prevention (PS.5.3-15)	0	290	296	N/A	N/A	60	236	102%	Y Components of activities related to this indicator was delayed as a result of COVID-19 but was eventually implemented
Number of sites (landing beaches, processing centers or fish markets) obtaining hygiene equipment and supplies adhering to COVID-19 prevention protocols (Project indicator 7a)	0	140	125	N/A	N/A	0	125	89%	N- slightly less than full achievement of the FY20 target is due to the fact that this new activity started up rapidly with procurement of equipment, identification and training of site advocates, and testing and administering phone polling mechanisms. Overall LoP target reduced as initial target based on FSSD survey had numerous inactive sites that will not be serviced by SFMP
Number of sites showing improvement in adherence to social distancing and other good practices (Project indicator 7b)	0	0	0	N/A	N/A	N/A	N/A	%N/A	N/A no target this fiscal year. Based collected at end September
Number of functional Social Media Groups (Project indicator 7c)	0	12	20	N/A	N/A	0	0	0%	N – A total of 20 groups with a total of 600 members were established

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
									mid-September. However, transmission of messages through the groups which is a measure of functionality of the groups only started in Q1, FY 21.
US\$ disbursed per household/person (Project indicator 8a)	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A no target this fiscal year
% of targeted households with steady or decreasing hunger and steady or increasing diet. (Project indicator8b)	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A no target this fiscal year
Number of methodologies for targeting and monitoring of economic assistance validated (Project indicator 8c)	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A no target this fiscal year
Percentage of female participants in USG-assisted programs designed to increase access to productive economic resources (GNDR-2)	0	94%	94%	N/A	N/A	N/A	94%	100%	Y For the 1174 VSLA participants reported under Indicator EG.4.2-7, 1103 were women (94%).
Number of livelihood approaches tested and their effectiveness (Project indicator 9)	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A no target this fiscal year

Note: The Results Performance Column depicts level of achievement expressed as a percentage of Actual versus Planned. Additional description and explanation are provided on each indicator as well as on indicators with high variance from the target in Annex 1.

## 2. ACTIVITY IMPLEMENTATION PROGRESS

### 2.1 Summary Progress Narrative & Implementation Status

**Strengthening the Policy Enabling Environment:** SFMP over the year has supported MOFAD/FC to review the current fisheries legislation as a preparatory step towards the development of a new national fisheries legislation and a national fisheries co-management policy. In pursuit of these, two draft Cabinet Memoranda were prepared by the project following extensive stakeholder consultations and forwarded to MOFAD/FC for subsequent finalization and transmittal to Cabinet to seek approval to pave the way for the adoption of a new national co-management policy and the preparation of Drafting Instructions in connection with the development of a new Fisheries Legislation. However, as a result of lack of progress on securing Cabinet approval in respect to the development of the New Fisheries Legislation, SFMP sought from the USAID Mission, in the first quarter and resources for activities related to the development of the new fisheries legislation to be reprogrammed for the implementation of the Canoe Identification Card. The project, however, was able to make progress with the national fisheries Co-Management Policy. With support of SFMP, MOFAD/FC was able to secure approval for the Policy by the Cabinet of the Republic of Ghana in Q2, FY20. SFMP will continue to engage the Ministry and the Fisheries Commission to finalize all editorial and technical reviews and print copies of the document to facilitate implementation of regional engagements to create awareness and educate stakeholders on the implications of the policy for stakeholder actions and decisions during the rest of the project implementation period.

**Improved Science for Management:** As part of the strategy towards realization of the project goal and objectives of rebuilding Ghana's marine fish stocks and catches through the adoption of responsible fishing practices, SFMP is strengthening scientific approaches and science led decision making in fisheries management in Ghana. In this respect, the project worked closely the Fisheries Scientific Survey Division (FSSD) of the Fisheries Commission to strengthen their capacity in data collection and analysis of data for informed decision making. The project also set up the ad hoc Science and Technical Working Group (STWG) to serve as a Technical Advisory body providing credible and reliable direction and guidance on the management of Ghana's fisheries. Having played an instrumental role in the implementation of the first fisheries closed season for the marine artisanal fisheries sector during the period May 15 - June 15, 2019, the project through the STWG reviewed and finalized two reports prepared on the effects/impacts of the closed season.

The two reports two on the 2019 fisheries closed season, the Socioeconomic Impact Assessment Report and the Biological Monitoring Report have been finalized and the key findings have been disseminated to stakeholders. The project has initiated discussions with the Ministry of Fisheries and Aquaculture Development (MOFAD)/Fisheries Commission towards formalization of the STWG. The role of the STWG in the management of the fisheries resources of Ghana has been identified in Fisheries Co-Management Policy. Although the approval of the policy by Cabinet provides the first step towards formalization of the STWG as part of the institutional structures of the Fisheries Commission, the project will continue to engage the Ministry and the Commission in this regard to ensure that the modalities and procedures of recognizing the STWG as part of the institutional structures of the Fisheries Commission are regularized in order for the STWG to continue to provide non-

political, science-based recommendations for management of the fisheries resources of Ghana.

The project has, however, completed most of its programmed activities under this result area, and as a result, very limited activities will be undertaken during the rest of the project implementation period.

***Building Constituencies:*** Creating constituencies and stakeholder engagement continued to be a strong suit of the project and has been instrumental in facilitating collation and dissemination of information and enhancing awareness on important issues related to the fisheries sector. The SFMP innovative program, Fisher to Fisher (F2F), continued to be used as a major platform by the Ministry and the Fisheries Commission to reach out to the fishers. Prior to the onset of COVID-19 pandemic in Ghana, the SFMP had provided support to the Ghana National Canoe Fishermen Council (GNCFC) and the National Fish Processors and Traders Association (NAFPTA) to organize F2F dialogues across the four coastal regions with active participation of the Fisheries Commission in 15 district/community level events involving over 1,200 fisher. The F2F for 2020 was able to achieve its objective of building consensus on the timing and duration of the 2020 closed season for the marine artisanal sector although the closed season was eventually cancelled by the Ministry following the outbreak of the COVID-19 pandemic in Ghana.

Other communications activities undertaken during the fiscal year included design and printing of a brochure on the biological assessments of the 2019 closed season, design and printing of a brochure on the Canoe Identification Card and the National launch of the Canoe Identification Card (CIC). Initiation of processes to produce video documentation of activities related to biological monitoring of the 2019 closed season to facilitate effective communication of the results with stakeholders was also done. The CIC represents a very important step towards moving the fisheries sector from open access regime to regulated access regime. Activities scheduled for the rest of the project implementation period include finalization and printing of a brochure on the socioeconomic assessment report, a workshop to update lessons learned essays and the production of a short SFMP Legacy video documentary.

***Applied Management of the Small Pelagic Fishery:*** Transitioning fisheries management interventions from theory to practice with generation of concrete results is central to the SFMP strategy. Under the Intermediate Result Area, Applied Management in targeted fisheries, SFMP has been able to generate results to demonstrate to stakeholders the possibilities that exist in the adoption of science and technology led management approach to fisheries management. In connection with this, the SFMP in collation with MOFAD/FC and the Ghana National Canoe Fishermen Council developed the Canoe Identification Card (CIC). The CIC was launched at Keta in the Volta Region on December 10, 2019. The implementation of the CIC will move the marine artisanal fisheries sector from open access to regulated access regime and contribute towards profitable and sustainable management of Ghana's fisheries resources. Following the printing of the first tranche of ten thousand Canoe Identification Cards (CICs) during the period under review, SFMP has also completed selection of an IT firm to develop software to link the CIC with the Canoe Registry, which is a database of all canoes linked to owners and canoe captains. The linkage is a very important step towards enhancement of Monitoring, Control and Surveillance activities of the Fisheries

Commission. Essentially, enforcement personnel will be able to scan the card and pull up the registry information and also any past infractions by that canoe.

The SFMP through the F2F had facilitated consensus among stakeholders on the duration and timing of the 2020 fisheries closed season across all sectors. Although the 2020 fisheries closed season was eventually postponed as a result of the onset of the COVID-19 pandemic, the closure of the Oyster fishery at the Densu estuary which started before the COVID-19 pandemic (November, 2019 – April 2020) was observed. The total area of the Densu estuary which experienced improvement in natural resource management as a result of SFMP support was 1,792 hectares.

***Post-Harvest Improvements:*** To ensure continuous improvement in post-harvest processing of fish, the project supported DAA and CEWEFIA Fish Processing Centre to develop and implement an action plan designed to guide the operations of the two centers. The project also reached out to NAFPTA members to enable the early adopters of the ahotor oven to realize the full impact of the value of their investments. NAFPTA members, 117, from across the four coastal regions were trained on fish handling, packaging, and preservation. 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. As part of the Class 1 Recognition Scheme, CEWEFIA, with funding from USAID/SFMP, provided training and support for forty women fish processors in six (6) communities (Moree, Elmina, Ngyresia/Sekondi, Axim, Asanta and Ankobra).

***Access to Finance and Capital:*** The Project also supported women fish processors with the setting up of Village Savings and Loans Associations (VSLAs). VSLAs have proved to be innovative tools and channels of entering local communities and fostering and sustaining the engagement of fish processors. By Q2, FY 20, SFMP was able to facilitate the formation of 56 VSLAs involving 1,174 people (males 71, females 1103). Forty-six (46) of the groups monitored had saved a total of GHS 131,459 (\$ 26,292 @ GHS 5.0 = \$1) as at March 2020. Out of the total 56 VSLAs facilitated by SFMP, 8 of them were formed in Q1 and Q2, FY20. As a result of the fact that the SFMP was originally scheduled for final closure in September 2020, coupled with the outbreak of the COVID-19 pandemic, SFMP did not schedule the formation of new VSLAs in Q3 and Q4. The existing VSLAs were, however, monitored via telephone calls to ensure they continued to receive advisory support from the project.

***Reducing Child Labor and Trafficking in Fisheries:*** *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 able to implement activities related to reducing Child Labor and Trafficking (CLaT) in the Fisheries Sector. CEWEFIA engaged sixty opinion leaders and traditional authorities (13 women and 47 men) of Moree and Elmina Traditional Council in a focal group discussion to ascertain the status of CLaT in their communities and device ways to eliminate it. CEWEFIA also engaged six hundred (600) community members comprising of 231 men and 369 women to sensitize them on roles and responsibilities of Municipal and District Child Protection Committees (MMDPCs) towards combating Child Labor and Trafficking (CLaT). The meeting provided an opportunity to SFMP Implementing Partners to increase the awareness level of community members on the dangers of engaging in CLaT, and the need to protect children from all forms of child abuse. DAA held an orientation in the Central region for 236 fishers (72 males, 164 females) on Anti-CLaT. Implementation of this activity was rescheduled from March 2020 to

September 2020 due to the outbreak of COVID 19 and the subsequent restrictions imposed by the Government. DAA also held a day's meeting with fishers involving 56 participants (with 44 being women) at Apam and Winneba to train them on advocacy skills required for them to champion the prevention of Child Labor and Trafficking. At the end of the meeting, the advocates renewed their zeal to work together with the Department of Social Welfare, Assembly members and traditional authorities to prevent CLaT.

- ***The Women's Learning Initiative:*** SFMP is proactive towards mainstreaming of gender into the fisheries sector. In FY20, SFMP participated in the Learning Initiative on Women Empowerment, Access to Finance and Sustainable Fisheries provided training and capacity building for beneficiaries on financial management, entrepreneurship, leadership skills group dynamics, advocacy and sustainable fisheries management. Subsequently, a case study was undertaken in pursuit of two hypotheses:
  - Empowering women through access to finance and other capacity-building interventions **results in stronger fisheries management outcomes** than programs lacking these elements.
  - Engaging women as key stakeholders in fisheries management and improving access to financial tools provides **meaningful pathways for women's empowerment.**

The . Key lessons from the case study include:

- VSLAs and Microfinance make women more resilient and increase their ability to cope with financial disruptions, especially closed seasons.
- Banking crisis has increased mistrust of formal financial institutions.
- Grants have helped increase uptake of the Ahotor oven technology.
- Use of mobile money among women fisherfolks in general continues to increase.

Under the Women Learning Initiative, CEWEFIA with support from USAID/SFMP provided a one-day training on Women Empowerment, Access to Finance and Sustainable Fisheries Management for two hundred and seventy- three (273) fish processors, comprising 257 women and 16 men. In terms of business development services and support for MSMEs, 951 (56 males and 895 females) received assistance from the SFMP.

***The COVID-19 Response:*** Within the period under review, the USAID Ghana Mission and SFMP undertook a co-creation process for the design and implementation of SFMP COVID-19 response intervention as a result of the urgency of the intervention as an emergency response intervention. The process made it possible for the Mission, SFMP and its IPs to actively engage on the details of activities incorporated into the project document as well as the implementation arrangements. Following the approval of the SFMP COVID-19 Technical Application and amendment to the Cooperative Agreement on May 28, 2020, the project initiated preparatory activities towards achievement of the goal of this intervention of preventing the spread and mitigating the economic effects of COVID-19 among vulnerable households in fishing communities in Ghana.

Within the constraints of limiting in person meetings as a result of government directives on meetings, SFMP organized a virtual meeting involving all partners and stakeholders to formalize inception of the SFMP COVID-19 response program. More than 50 participants

including the Ministry of Fisheries and Aquaculture Development (MOFAD), the Fisheries Commission and the USAID Mission took part in the meeting, which sought to clarify the roles and responsibilities of all stakeholders and specify the deliverables under all the components. An amended Year 6 work plan for the COVID-19 response add on activities and remaining SFMP activities delayed due to the COVID-19 pandemic was prepared and submitted to USAID in June 2020.

The summary of activities and achievements, for the last two quarters of this fiscal year under this program component include the following:

**COVID Result Area 1:** This strategic result area involves Social and Behavior Change Communication (SBCC) activities to foster compliance and adherence to COVID-19 prevention protocols. From the inception of the COVID-19 response intervention in Q3 to the end of Q4, FY 20, SFMP was able to produce several SBCC materials. Specific activities and outputs included the engagement of Kofi Kinata, a popular artiste to produce a music video on COVID-19 behavioral change, design and printing of a T-shirt for Site Advocates, establishment of twenty (20) out of the intended 24 social media groups with 600 members across all 27 coastal districts and procurement and distribution of handwashing stations at 243 landing beaches and fish processing centers. With support from the SFMP, Implementing Partners were able to train 258 Site Advocates. The Sites Advocates have been tasked to manage the 243 hand washing stations installed by the project to ensure that there is regular supply of water and soap and that fishers adhere to COVID-19 prevention protocols. The SBCC materials (posters, animations and jingles, campaign song and video) and 10,300 posters were distributed through SFMP implementing partners to landing sites within their respective operational areas. The Kofi Kinata coronavirus video produced by the project has more than 255,000 U-Tube hits as of the end of Q4, FY20.

**COVID Result Area 2:** This strategic result area involves piloting appropriate methodologies for the provision of social assistance “economic safety net” to 2000 extremely vulnerable fisheries-dependent households. The SFMP initiated engagement with all partners and key government institutions towards establishment of a Technical Coordinating Committee, to be chaired by the Chief Director of the Ministry of Gender, Children and Social Protection (MoGCSP) or his/her representative specifically for the economic assistance intervention. The development of criteria to facilitate the selection of the poor and vulnerable fisheries dependent households had been completed at the end of FY20. The Technical Committee to provide guidance for the implementation of the SFMP Economic Safety Net package was also set and the initial meeting of the Technical Committee was organized. Selection of poor and vulnerable fisheries dependent households progressed smoothly and at the end of Q4, FY20, a total of 3,244 potential beneficiary households were identified by local community representatives of fishers. In Q1 FY21, the list of the 3244 potential beneficiary households will be pruned to 2000 through various process including administration of Poverty Probability Index questionnaire (Proxy Means Test).

**COVID Result Area 3:** This component focuses on assessment and identification of opportunities to pilot diversified livelihood approaches that could reduce fishing pressure, provide stable incomes, and new economic opportunities in the long-term. This component is led by Resonance Global on behalf of SFMP. The Implementing Partner prepared a draft youth focused strategy and engaged a livelihood specialist to lead activities under this strategic result area. The engagement with stakeholders led to narrowing down of the



livelihood options to be implemented through training of selected beneficiaries and provision of start-up kits and grants. Options discussed with the youth and women fish processors as a means of mitigating some of the impact of the COVID 19 pandemic on the livelihoods of fishers included soap making, baking, production of an innovative charcoal briquette from coconut shell and husk, and installation of satellite (TV) and air-condition repairs.

## **2.2 Highlights of Year 6 Accomplishments**

### **IR 1: Strengthened Enabling Environment for Marine Resources Governance**

#### ***Fisheries Co-Management Policy***

Legal Reform activities of SFMP are programmed to feed into the overarching policy direction of Government for the fisheries sector. When SFMP discontinued the pursuit of the development of a New Fisheries Legislation because of lack of action on the part of the Ministry of Fisheries and Aquaculture Development to process approval for the Cabinet Memo related to the development of the New Fisheries Legislation, the project focused its resources on the Fisheries Co- management policy, which received Cabinet approval in Q2, FY20.

The purpose of the co-management policy is to lay out a road map for sustainable management of Ghana's fisheries resources with active participation of resource users and other stakeholders in management decision-making and assumption of greater responsibility for the health of the fisheries resources at all levels.

SFMP continued to engage the Ministry and the Fisheries Commission to finalize all editorial and technical reviews and correct all errors prior to signature of the approved document by the Hon. Minister. The SFMP has also initiated preparatory arrangements to undertake regional engagements to create awareness and educate stakeholders on the implications of the policy for stakeholder actions and decisions.

### **IR 2: Science and Research Applied to Policy and Management**

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

The monitoring and assessment of the impacts of the 2019 fisheries closed season led to the preparation of two documents highlighting the status of key indicators designed by the Science and Technical Working Group (STWG) of the SFMP. The biological monitoring report has been reviewed and approved by both USAID and STWG. The Socioeconomic Assessment report has also been reviewed, finalized and approved after going through several review processes by USAID, FSSD and STWG.

The biological assessment report concluded that, the closed season for artisanal and semi-industrial sectors established during the period from May 15 to June 15, 2019 did not coincide with the peak spawning period. Therefore, the 2019 closure did not produce the desired effect, which was to maximize the reproductive potential of small pelagic species during their peak spawning period. The results of the biological monitoring consequently made the following recommendations:

- Seasonal closures for the small pelagic fishery should be timed during the peak spawning period, from early July through August, with the optimum period being the

month of August. Bearing in mind the importance of cultural celebrations in fishing communities occurring in early August, a seasonal closure before and/or after the cultural celebration is acceptable.

- Closed season must be implemented for all fleets except for tuna fisheries. This closure will provide high spawning potential.
- The industrial trawler closure be maintained annually for the months of August and September.
- Actual dates should be negotiated by the Fisheries Commission and representatives of the various fisheries and professional organization (GNCFC, GIFA and NAPFTA and NAFAG), STWG and other stakeholders.
- Adequate public notice should be given to fisher folk prior to the 2021 closure, at least six months or longer in advance so that fishermen can adapt and plan their businesses for the closed season. The closure for all fleets should be made annual and predictable during the same period each year.

The socio-economic assessment report indicates high compliance by fishermen with the 2019 closure and demonstrates a strong commitment by fisher folks to apply this management approach in spite of significant sacrifices, mainly loss in income during closures. Most fisher folk understand the purpose of such closures and attitudes are moving towards adjusting the timing to within a period informed by science. The closure essentially removed fishing effort from the system for a period. The reduction in fishing effort was associated with a decrease in fish yields commensurate with the reduction in effort. This reduction in effort resulted in temporary loss of household income and livelihoods for canoe fishing households during the closed season. Similarly, temporary adverse socioeconomic effects were observed among fish processors and other related businesses (transport, sales of nets, fuel and ice block etc.). Some of the temporary adverse effects reported by focus group participants included an increase in fish prices; reduced availability of fish in the diet; reduction in social activities; inability of parents to care for children; and a perceived increase in poverty and negative nutritional impact. Levels of moderate to severe hunger rose by 6.4 percentage points during the closure, impacting an estimated 2,560 households. Dietary diversity of women of reproductive age was significantly reduced during the closure. An estimated 2500 additional women experienced lower dietary diversity during the closure. The diets of women showed significant reduction in composition of meat and fresh fish, fruits and vegetables, nuts and legumes, as well as milk products, most likely due to reduced income during the closure. All these impacts were temporary and were nullified after the closure as hunger and dietary conditions returned to levels prevalent before the closure.

The Socioeconomic Assessment made the following recommendations:

- Regularize the annual calendar/period for fisheries closed seasons to remove uncertainty and empower stakeholders to plan to develop coping strategies to alleviate potential adverse socioeconomic impacts and take advantage of emerging opportunities.
- Secure livelihoods: Government should put in place appropriate measures to mitigate temporary loss of livelihoods and income during the closures. Increase investment in technical and vocational skills training targeting youth in fishing communities and supporting alternative and diversified livelihoods such as soap making, aquaculture, and other forms of agriculture related businesses (e.g. poultry, snail farming and fish farming).

- Ensure food security during closure: Government should allocate adequate budget to implement appropriate social protection schemes for fisherfolk during closed seasons in the stock rebuilding period to address adverse nutritional impacts associated with fisheries closures.
- Improve communications with stakeholders about future closed seasons: Improve fisheries extension and communications campaigns and educational programs to facilitate participatory decision making by all key stakeholders.

### ***Annual Meeting of the Science and Technical Working Committee (STWG)***

The SFMP facilitated the annual meeting of the Science and Technical Working Group held from July 28-29, 2020 at the A&E Hotel in Accra, Ghana. Among other topics, the meeting sought to review and finalize the two reports related to the assessment of the main socioeconomic and biological effects/impacts of the 2019 fisheries closed season implemented by the marine artisanal fisheries sector. The meeting also evaluated reports on the status of Ghana’s small pelagic and demersal fish stocks and evaluated a report on trawl sector gear audits conducted by the Fisheries Commission in collaboration with the Ghana Inshore Trawlers Association (GITA). Key findings of the STWG stock assessment report are alarming:

*“The 2019 biomass estimates [for the sardinella] were the lowest recorded during this time series, well below the  $B_{msy}$  level. The biomass continued its decline as a results of effort increase. The biomass in 2019 was only at 54% of  $B_{msy}$  needed to maintain a long-term sustainable exploitation of the stocks (Figure 5). The stock is considered severely overfished and overfishing continue to occur, making this stock in a state of collapse. According to the 2019 landings figures of *Sardinella aurita*, representing less than 10% of the highest recorded landings, this stock is also considered collapsed.”*

At the end of the two-day program, the Committee made the following recommendations towards rebuilding and sustainable management of Ghana’s fisheries resources.

- Current effort towards ending open access and reducing fishing effort should be intensified in the artisanal and semi-industrial sub-sectors.
- Current yield for the industrial sub-sector is in excess of the sustainable level and therefore it should be reduced.
- Align the current levels of fishing effort and capacity with Maximum Sustainable Yield (MSY). The number of trawlers should be reduced by at least 44%.
- Closed season should be implemented concurrently for all fleets except tuna. This should be institutionalized over the next five years to coincide with the peak breeding season of small pelagics (July-August).
- Early announcement (minimum of 6 months) for future closed seasons to give fishers adequate time to prepare for the closure.

“The current state of the small pelagic stocks is severely overfished. The stock of *Sardinella aurita* is considered collapsed due its low landings recorded in 2019. The current level of effort and catches are not sustainable. Effort will have to be reduced to avoid future depletion of the stock.”

STWG

- Closed season should be implemented in combination with effective enforcement of existing laws including but not limited to mesh size control, light fishing, dynamite, chemicals, Saiko fishing etc. before and after the closure.
- Trawl gears should be regulated; and as a matter of urgency, ensure that industrial trawlers target demersal fish only.
- Formalize the STWG to serve as a scientific advisory body to the Fisheries Commission for the management of fisheries.
- Consider investments and linkages to social intervention programs (e.g. school feeding and Livelihood Empowerment Against Poverty-LEAP) to offset the socioeconomic impact of the closed seasons.

### **IR 3: Creating Constituencies and Stakeholder Engagement**

#### ***Fisher-2-Fisher (F2F) Dialogue***

The F2F dialogues continue to improve effective collaboration between government and key stakeholders in the fisheries sector, gradually building the needed constituencies that provide the political will and public support necessary to make hard choices and changed behavior needed to rebuild the nation's stock.

With support from the SFMP, the GNCFC and FC led the organization and facilitation of Fisher-to-Fisher dialogues across the coast of Ghana. Approximately 1,200 participants made up of fisheries officers, traditional rulers, chief fishermen, canoe owners and fish processors partook in discussions on sustaining the artisanal sub sector. SFMP supported 15 clustered district level F2F dialogues (Keta, Ketu-South, Sege, Prampram, Tema, Jamestown, Dixcove, Sekondi, Half Assini, Axim, Winneba, Narkwa, Abandze, Cape-Coast, and Komenda), focusing on effort reduction measures outlined in the National Fisheries Management Plan (2015 – 2019).

The 2020 F2F dialogue processes focused on the following issues:

- Implementation of the 2020 Closed Season for all fleets including the selection of the most opportune period for the 2020 fishing closed season, based on available scientific data and with the view of increasing recruitment of juvenile fish species in order to rebuild the depleted fish stock.
- Implementation of the Canoe Identification Card (CIC) System associated with the establishment a moratorium on new entrants to the marine canoe sector.
- Preparatory arrangements for the implementation of the Fisheries Co-Management Policy.
- Eradication of Illegal trans-shipment (saiko).
- Adoption of an additional fishing holiday.

The Fisheries officers effectively educated fisherfolk on the results of the biological monitoring of the 2019 closed season to help them better appreciate the findings of science and inform their thinking in relation to future closed seasons.

Deliberations among stakeholders reached the following action points and recommendations intended to inform policy and management decisions in pursuit of sustainable fisheries management measures to achieve profitability for the sector.

- ***Closed Season for 2020:*** The fishers acknowledged the need to protect spawning fish stocks in order to improve the small pelagic fisheries such as sardinellas, mackerels and anchovies. A majority of fishers agreed to observe the 2020 closed season for one month between **July and August for all fishing fleets** to attain maximum gains taking cognizance of the scientific information availed to them. However, during the Central Regional engagements, the Executive Director of the Fisheries Commission, Mr. Michael Arthur Dadzie, declared that there would be no closed season for the artisanal sector in 2020 due to the COVID-19 pandemic.
- ***Canoe Identification Card (CIC) and Moratorium on New Canoe Entrants:*** The CIC concept was embraced by all fishers as many fishers called for its immediate implementation. The F2F dialogue process arrived at the recommendation that the Ministry implements a grace period until the end of 2020 after which canoe owners would be required to have their canoes registered and issued with a CIC. There was the consensus that a moratorium of three (3) years should be observed during which there would be a ban on issuing of cards to new canoes and owners and allow only renewal or replacement of damaged or missing CICs. The dialogue also recommended that the CIC should be linked to distribution and sales or allocation of premix fuel.



**Figure 1: Executive Director of the Fisheries Commission, Mr. Michael Arthur Dadzie, addressing participants of the Fisher to Fisher dialogue at Half Assini**

- ***Adoption of an Additional Fishing Holiday:*** Through the F2F engagements, fishers have unanimously maintained that an additional non-fishing day should be declared to complement the already existing non-fishing day, in order to reduce pressure on the severely depleted small pelagic stocks. Consensus reached across the three regions indicated that fishers in Volta Region have committed to observe Saturdays and Sundays as non-fishing days, while Greater Accra, Central and the Western regions will observe Sundays and Tuesdays.
- ***Implementation of Actions to Eradicate Illegal Transshipment of Fish ('Saiko' fishing):*** The consensus of the 2020 F2F dialogue was that the FC, FEU and the

MOFAD should immediately take necessary steps to eradicate the practice of “saiko” fishing and find ways to reduce the excessive by-catch of juveniles by the trawler fleet.

- **Implementation of the National Fisheries Co-Management Policy: The F2F dialogues** recommended that government empower chief fishermen to take responsibility of managing fisheries resources at the community level.

### ***Campaign Against Saiko***

SFMP in Year 6 supported a coalition of NGOs including the Environmental Justice Foundation (EJF), Hen Mpoano, Friends of the Nation, Care International in Ghana, Oxfam in Ghana, Livestock and Fisheries Chamber, and Cerath Development Organization to intensify advocacy and campaign against “saiko” fishing. SFMP also supported three regional stakeholder workshops in partnership with the two EU funded fisheries projects, to raise awareness on the menace of *saiko* fishing and devise strategies to end *saiko*-fishing operations.

### ***Engagement of Political Parties on Fisheries Issues***

The buildup to the 2020 national elections presented a unique opportunity to highlight the critical challenges facing the fisheries sector. There was a need to advocate for high-level political commitments to reform the sector to contribute to national food security and reduce poverty in fishing communities.

The SFMP collaborated with the UCC to hold an engagement of political parties on fisheries issues under the theme “Towards 2020 National Elections: Town Hall Engagement with Political Parties on Fisheries and Coastal Management Challenges in Ghana”.

The 2-hour event was held at the Omanyeba Hall, Accra Metropolitan Assembly in Accra on Tuesday, September 22, 2020. Invited political parties included the CPP, NDC, NPP, and the PNC. The event was aired live on national radio and television stations (Joy News, Joy FM and ATL FM) to millions of Ghanaians, with live transmissions on Facebook. The live Facebook transmissions generated a viewership of more than 20,000 from MyJoyOnline and ATL FM’s Facebook pages. In accordance with COVID-19 safety protocols, about 100 participants attended the event in person, with others joining virtually. Representatives of the GNCFC, NAFPTA, National Canoe Owners Association, National Inland Canoe Fishermen Council, EJF, Premix Secretariat, and Coastal Development Authority among others participated.

Each political party had five minutes to present its policy positions on the challenges confronting the sector as well as intended plans on addressing them. They responded to prompt questions from the moderator on issues ranging from illegal transshipment, locally known as “saiko”, overcapacity and licensing, fishing subsidies, aquaculture development, closed season, and eco-tourism. They also engaged with each other over points raised by their counterparts. The audience were given thirty minutes to ask questions on their unique challenges. The questions touched on government’s response to “saiko”, management of premix fuel subsidy, closed season, fishing licenses and vessel fronting, inland fishing, and the commitment of the political parties to comprehensive nonpartisan solutions.

### ***Promoting Improved and Hygienic Smoked Fish and Fish Products:***

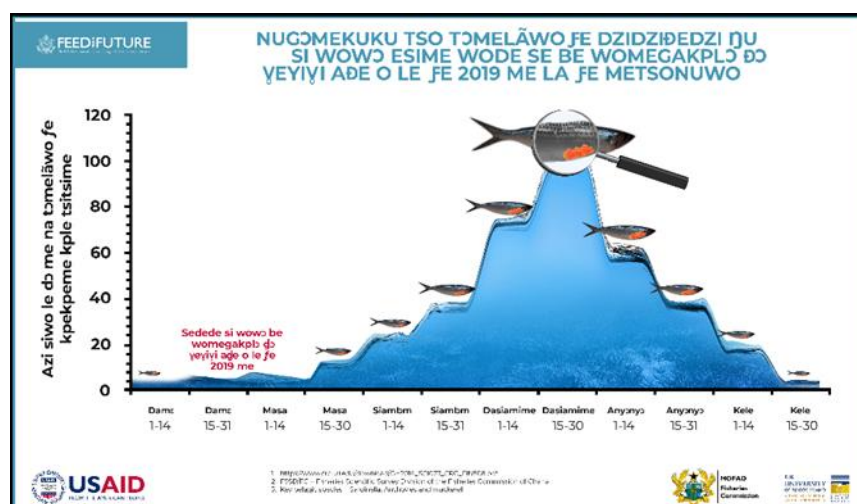
In October 2019, the Central and Western Fishmongers Improvement Association (CEWEFIA) participated in the Innovation Fair and Exhibition Program held at the University of Cape Coast (UCC) campus and organized by the Center for Entrepreneurship and Small Enterprise Development (CESED) as part of its second biennial Cape Coast Entrepreneurship Stakeholders Forum. Flyers and stickers were shared with customers to establish further relationships and as a result, CEWEFIA identified new markets and customers for its Fish Processing Center, some of who are patronizing the center.

### ***Video Documentary on Biological Monitoring of the 2019 Closed Season***

The SFMP is in the process of finalizing the development of a video documentary on the biological monitoring of the 2019 closed season to facilitate effective communication of the results with stakeholders. The process of 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 were captured. The video documentary was presented to members STWG at the annual meeting for comments and inputs. The communication's unit of the SFMP is currently working editing the documentary to address the comments of the STWG and integrate their inputs into the finale version of the documentary.

### ***Information, Communication and Educational Materials***

The communications' unit of the SFMP designed and printed a brochure to communicate the results of the biological monitoring of the 2019 fisheries closed season. The brochure is a summary of the report of the biological monitoring and has been distributed at the regional fisher-to-fisher dialogues across the coast. The brochure had been translated into the four coastal languages: Fante, Ga, Nzema, and Ewe for distribution to fisher folk and stakeholders for inclusive communication.



**Figure 2: Ewe version of the infographic to communicate results of the biological monitoring of the 2019 fisheries closed season**

In addition, the unit designed an infographic on the results of the biological monitoring to communicate the results of the monitoring in a pictorial manner for easy understanding by

fisher folk. The infographic also has versions in Ewe, Ga, Nzema, and Fante. The unit also designed a brochure to communicate the results of the socio-economic assessment of the 2019 fisheries closed season, which is also a summary of the report of the socio-economic impacts of the 2019 fisheries closed season.

### ***Fisheries News Mass Mailing***

In support of broader stakeholder engagement and information dissemination, SFMP continued to use the 'MailChimp' platform to facilitate information sharing with its wide range of stakeholders. Since the activation of the platform in year four more than 800 stakeholders have been receiving fisheries news on a weekly basis through a formatted email message service that includes links to relevant news and information.

### ***Media Stories***

The list of a number of fisheries stories reported on various local media platforms can be found in Annex 3.

## **IR 4: Applied Management**

### ***Development of a New National Marine Fisheries Management Plan***

The Fisheries Commission has initiated steps to develop a new Fisheries Management Plan for the marine sector and SFMP participated on a Technical Committee to review the draft management plan. The old Fisheries Management Plan for the marine sector was scheduled for implementation from 2015 – 2019. It was identified that the inability of the Fisheries Commission to set up a Committee to develop an annual operational plan contributed to low achievement of the targets set out in the old fisheries management plan. The new Fisheries Management Plan, therefore, will incorporate an operational plan for each of the five years of its implementation and also set realistic targets to be achieved for all strategic areas.

### ***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. 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 FC in collaboration with fishers, particularly, the GNCFC 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 link the CIC to the sale and distribution of Premix.





**Figure 3: Left: Front view of final design of CIC Right: Back view of final design of CIC**

### Launch of Canoe Identification Card

The CIC was launched by the MOFAD/FC in collaboration with GNCFC and support of the SFMP under the theme “Towards profitable and sustainable management of Ghana’s fisheries resources”. The launch was held at Keta in the Volta Region on December 10, 2019 and attracted over 300 people, mainly representatives of regulators (MOFAD/FC), industry payers, development partners, CSOs and NGOs. At the launch, the Minister indicated that 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.



**Figure 4: 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**

### The Closed Season

While there was anticipation of a declaration of a 2020 closed season for all sectors including the canoe sector following the high compliance of with the 2019 closed season, the Ministry announced that they would postpone the closed season until 2021 due to the COVID-19 pandemic. The STWG recommended that the timing for the next closed season be changed from the mid-May to mid-June period, to a period in July – August. It is hoped that the

Ministry will follow through in 2021 after the project closes, with a July-August closure. The Canoe Council leadership has indicated its willingness to support another closed season. Given the collapsed status of the small pelagic stocks, the urgency to putting in place effective management matters cannot be understated.

Although the 2020 fisheries closed season was eventually postponed as a result of the onset of the COVID-19 pandemic, the closure of the Oyster fishery at the Densu estuary which started before the COVID-19 pandemic (November, 2019 – April 2020) was observed. The total area of the Densu estuary which experienced improvement in natural resource management as a result of SFMP support was 1,792 hectares.

### ***Post-Harvest Improvements***

#### ***Review of the Class 1 Recognition Scheme***

At the launch of the Class 1 Recognition Scheme in Q4, FY19, 13 women had their processing facilities certified and expected to be renewed in July 2020. In Q4 FY20, SFMP initiated discussions with FC, for review and evaluation of the Class 1 Scheme on how best to operationalize the audit and certification processes. The findings from the review process will inform the audit of the 35 fish new processors who have submitted applications to be signed onto the scheme as well as the renewal of the Certificates for the initial 13 fish processors.

#### ***Training of Women on the Class One Certification and Providing Financial Support***

CEWEFIA, with funding from USAID/SFMP, and as part of the Class 1 Recognition Scheme, provided training and support for forty women fish processors in six (6) project communities (Moree, Elmina, Ngyresia/Sekondi, Axim, Asanta and Ankobra). Material support was targeted at renovating the fish processing sheds of the women fish processors to meet Class One Recognition Standards. These processors were provided with hand washing equipment including veronica buckets, stands, handwashing bowls, tissue papers, hand washing soap and dustbins. This contributed to ensuring the production of healthy fish products on our local markets for higher income, hence improvement in fisheries post-harvest value chain activities.

#### ***Fish Product and Fish Processing Facility Certification***

As part of efforts to promote healthy fish at our local and foreign market, CEWEFIA is in the process of acquiring certification from Food and Drug Authority (FDA) and Ghana Standard Authority (GSA) for its Fish Processing and Training Center to enable the facility produce healthy and quality fish products for both the local and foreign markets. Management again is seeking to acquire Accreditation from COTVET to begin Training Programs to raise funds for the center. While waiting for the certification, the facility is currently in operation, processing fish for the local market, banking institutions and individuals.

### ***Reducing Child Labor and Trafficking in Fisheries***

#### ***Sensitization Meeting in selected Coastal Communities.***

Six hundred (600) community members comprising of 231 men and 369 women were sensitized on the existence and roles of Municipal and District Child Protection Committees (MMDPCs) towards combating Child Labor and Trafficking (CLaT). The meeting provided an opportunity to increase the awareness level of community members on the dangers of engaging in CLaT, and the need to protect children from all forms of child abuse. This activity was implemented in four target communities: Moree, Ekon, Elmina and Komenda.

Focal Group Discussion with Community Opinion Leaders and Traditional Authorities

CEWEFIA engaged sixty opinion leaders and traditional authorities (13 women and 47 men) of Moree and Elmina Traditional Council in a focal group discussion to ascertain the status of CLaT in those communities and ways to eliminate it. It was revealed that the chiefs and opinion leaders are working in their little way to ensure that CLaT in these communities are significantly reduced.

Continuous Awareness Creation of Child Labor and Trafficking (CLaT)

Awareness creation is one of the approaches in preventing the occurrence of Child Labor and Trafficking in communities. CEWEFIA engaged thirteen (13) trained Advocates and Community Child Protection Committee Members in community radio discussions at Elmina and Moree to create awareness of the causes, effects and prevention of CLaT. Hundreds of community members were reached through community radio discussions.



**Figure 5: Left - Ravened Bonney, Anti CLaT advocate. Right - Madam Sarah Boribolden , Department of Social Welfare during the sensitization of fishers in Apam and Winneba**

Meeting with Community Anti-CLaT Advocates

DAA held a day's meeting with fishers involving 56 participants (with 44 being women) at Apam and Winneba to train them on advocacy skills required for them to champion the prevention of Child Labor and Trafficking. At the end of the meeting, the advocates renewed their zeal to work together with the Department of Social Welfare, Assembly members and traditional authorities to prevent CLaT. DAA also held an orientation in the Central region for 236 fishers (72 males, 164 females) on Anti-CLaT. Implementation of this activity was rescheduled from March 2020 to September 2020 due to the outbreak of COVID 19 and the subsequent restrictions imposed by the Government.

## IR 5: Gender Equality and Empowerment

### *Women's Learning Initiative*

#### Training of fish processors in women's empowerment, access to finance and sustainable fisheries

As part of the USAID Washington led pilot initiative on women empowerment, access to finance and sustainable fisheries management intervention. Under this initiative, CEWEFIA with support from USAID/SFMP provided training for two hundred and seventy- three (273) fish processors comprising of 257 women and 16 men during a one- day training program. The training was organized in four project communities: Moree, Ekon, Komenda and Anlo-Beach from 9<sup>th</sup> -15<sup>th</sup> January 2020, and contributed to improving the knowledge of fish processors on Leadership, Financial Management and Fisheries Sustainability.

The Case study on the Learning Initiative on Women's Empowerment, Access to Finance, and Sustainable Fisheries was completed and submitted to USAID Washington by the Q3 FY 20. The case study examined learning questions on two hypotheses:

- Empowering women through access to finance and other capacity building interventions **results in stronger fisheries management outcomes** than programs lacking these elements, and
- Engaging women as key stakeholders in fisheries management and improving access to financial tools provides **meaningful pathways for women's empowerment.**

These two hypothesis were examined in two contexts (1) small-scale estuarine ecosystems that applied community-based approaches to the management of finfish and oysters, and; (2) a large-scale fishery of migratory small pelagics, consisting mainly of anchovies and sardinella species that is under a national scale and centralized management regime. The case study examined the differences and similarities in the women managed fishery (oysters, in the Densu site) and a mixed men and women fishery (finfish, in the Ankobra and Pra ). The small pelagic fishery was considered as a whole because men's and women's roles are similar across all sites. Key lessons from the case study include:

- VSLAs and Microfinance make women more resilient and increase their ability to cope with financial disruptions, especially closed seasons.
- Banking crisis has increased mistrust of formal financial institutions.
- Grants have helped increase uptake of the Ahotor oven technology.
- Use of mobile money among women fisherfolks in general continues to increase.

By the close of Q4, FY 20, SFMP had facilitated the formation of 56 VSLAs involving 1,174 people (males 71, females 1103). The scheduling of final project closure (originally planned for September 2020) and the onset of COVID-19 pandemic in March, 2020, however, influenced and affected the momentum of forming new VSLAs. Forty-six (46) of the groups monitored had saved a total of GHS 131,459 (\$ 26,292 @ GHS 5.0 = \$1) as at March 2020.

## IR 6: PUBLIC PRIVATE PARTNERSHIPS

Prior to inception of COVID-19 pandemic, the original SFMP was winding down towards final project closure in September 2020, with almost all engagements with the private sector completed in FY 19.

## **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 from various fisheries stakeholder institutions and communities 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.

### ***CSO Capacity Development***

The SFMP has completed all of its capacity development activities for CSOs by Q4, FY 19. As a result, no activities were executed in FY 20 related to development of capacity for CSOs.

### ***2.3 Highlights of SFMP COVID-19 Response Intervention***

As stipulated in the introductory section of this report, the goal of the SFMP COVID-19 response is to prevent the spread and mitigate the economic effects of COVID-19 among vulnerable households in fishing communities in Ghana. Activities are clustered into three (3) result areas towards the realization of the SFMP COVID-19 response intervention. The following presents highlights of activities and results obtained since the inception of the intervention towards the end Q3, FY20. The formal inception of the SFMP Responses Intervention took place virtually on June 24, 2020 with all key stakeholders including MOFAD/FC, the USAID Mission, Implementing Partners, Fisheries Association and NGOs operating in the fisheries sector. The virtual inception workshop provided clarity of responsibilities and expected deliverables by all participants and achieved the following objectives:

- Discuss the objectives of SFMP COVID-19 Cost Extension.
- Review and clarify the roles of all partners.
- Identify key implementation arrangements and obligations.
- Discuss the implementation schedule June 1, 2020 – March 31, 2021.
- Discuss budgets and finance issues for the period: June 1, 2020 – March 31, 2021.

### **COVID 1: Fisherfolk at 300 landing sites, processing and/or fish markets sites better adhere to official COVID-19 disease prevention protocols**

#### ***Selection and Training of Site Advocates and Provision of Handwashing Stations***

To reduce the occurrence of community infection and spread of COVID-19, SFMP provided hand washing facilities accompanied with Social and Behavioral Change Communication (SBCC) material and trained Site Advocates at 250 landing sites, processing and/or fish markets to ensure that fishers adhere to COVID-19 prevention protocols. At the design phase of the SFMP COVID-19 response intervention, it was conceptualized that at least 300 landing sites will be covered by the COVID-19 response intervention activities. However, following a

baseline survey of all landing sites along the four coastal regions of Ghana by UCC, it was revealed that some landing sites were inactive or inaccessible due to chieftaincy disputes, location and/or poor network connectivity (which is required for phone polling surveys and mobile money transfer for supplies). Consequently, the number of landing sites under the coverage of the SFMP COVID-19 response intervention was revised to 243.

The Site Advocates were selected/ appointed by the SFMP Partners; DAA, CEWEFIA, FoN and HM, in collaboration with the local representatives of GNCFC. They were trained and provided with T-shirts and nose masks, in order to build their capacity to manage and monitor the handwashing stations at the landing sites. This includes ensuring adequate supply of water and consumables, monitoring the frequency of use by the community members and sensitizing them on COVID-19 safety protocols. A total of 250 handwashing stations were procured and 243 have been distributed in FY 20. The remaining 7 hand washing facilities have been assigned to selected fish processing centers and designated landing beaches.

### ***Production of SBCC materials***

To influence behavior change towards adherence to COVID-19 prevention protocols, a number of social and behavioral change communication materials were deployed. The communications unit in consultation with the MOFAD/FC, the GNCFC and NAFPTA produced Information, Education and Communication materials. The materials were also designed to dispel the myth that fisherfolk are immune to the disease due to the frequent contact with the seawater. The materials produced are grounded in research and based on discussions with the primary target (fisherfolk). All the materials were produced with the fisherfolk in mind, with visuals portraying fisherfolk activity and environment that relate to fishing and fishing related activities. The SBCC materials produced were:

***Posters:*** Posters cover different COVID-19 safety protocols. The posters touched on general information and symptoms of COVID-19, proper handwashing, proper way to wear a nose mask, disposal of disposable nose masks, care for material (reusable) nose mask, social distancing, how to make a veronica bucket etc. These posters were translated into Ewe, Ga, Fante, Dangbe, Nzema and English.

***Animations and Jingles:*** Eighteen (18) animations and eighteen (18) jingles in five different local languages were produced. The animations were developed under three themes: handwashing and social distancing, general information on COVID-19, and the wearing of a nose mask.

***Campaign song and video:*** The SFMP collaborated with one of Ghana's leading music artist to compose a campaign song on COVID-19 and fisheries. The song encouraged fisherfolk to adopt and practice the safety protocols. The song was composed in Fante, one of the widely spoken coastal languages, with the artiste singing some lines in all other key coastal languages (Ewe, Ga, and Nzema). The visuals of the music video highlighted fisherfolk and their activities. The music is currently receiving airplay on a number of radio stations, with the video having over 255,000 views on YouTube as of September 19<sup>th</sup>, 2020. The music video can be viewed via the link: <https://youtu.be/hygo8Xrn4qc>



**Figure 6: Posters on COVID-19 safety protocols Left: A poster in Ga on the proper way to wear a nose mask. Right: A poster in Ga on proper handwashing**

**Distribution of SBCC materials**

The 10,300 posters in six languages, covering key thematic areas of the SFMP Social and Behavioral Change Communication (SBCC) on COVID-19 prevention were printed and distributed to all SFMP’s Implementing Partners (IPs) for onward distributing to the landing sites in their respective operational areas. Distribution was based on the local languages of the operational areas of the SFMP IPs. Copies of posters on all thematic areas were also sent to MOFAD/FC and Community Water and Sanitation Agency to be distributed to their regional and zonal offices. The details of the 10,300 posters produced is as presented in the table below

**Table 2: List of Posters Printed and Distributed**

Thematic Areas
COVID-19 SAFETY PROTOCOLS FOR FISHERFOLK
WEAR YOUR RECOMMENDED NOSE MASK, THE RIGHT WAY
NOSE MASK AND SOCIAL DISTANCING
REDUCE PHYSICAL CONTACT
PRECAUTIONARY STEPS BEFORE AND AFTER FISHING EXPEDITION
BREAK THE CYCLE, STOP THE SPREAD
GET INVOLVED, MAKE YOUR VERONICA BUCKET
DISPOSAL OF YOUR NOSE MASK
THE RIGHT WAY TO WASH YOUR HANDS
WASHING YOUR CLOTH MASK THE RIGHT WAY

The jingles and campaign song were placed on approximately 300 pen drives and distributed through SFMP IPs to be aired at the landing sites and local communities via public address systems and community information centers. Pen drives containing all the communication materials (Animations, posters, jingles, campaign song and video) were also given to all fisher associations, MOFAD/FC, National Commission on Civic Education, Ghana Health Service, Ministry of Information, Ministry of Health, and Development Agencies.

The SFMP has facilitated the airplay of the animations on Ghana Television and United Television which are TV stations viewed by most fisherfolk. Animations are being aired three times every day except Saturdays and will be aired for three weeks. The jingles are also being aired on national and community radio stations in the four coastal regions, three times a week, and will be aired for one month. Furthermore, the SBCC materials have been disseminated through virtual Fisher-to-Fisher platforms created by the SFMP.

### ***Virtual Platform for Fishers (VPF) (Digital F-to-F)***

WhatsApp social media platforms have been created to help in the dissemination of COVID-19 Social and Behavioral Change Communication materials and the selection of the beneficiary households for the pilot economic safety net scheme.

Out of 24 groups proposed, 20 WhatsApp groups were created between 27 July and 05 August. The groups outstanding to be formed in Q1 FY 21 are the groups affiliated with GITA, GTA, NICFC and GIFA. The breakdown for the 20 groups formed are as follows: Two groups at the national level constituting a Virtual Platform for Fishers (VPF), Eight groups each for GNFC and NAFPTA at the district and community levels for the four coastal regions and One group each for CEWEFIA and DAA at the community level. The total number of participants is 600.

In Q4, FY20, the communications unit began posting the SBCC materials (posters, campaign song video, animations) and disseminating messages on COVID-19 safety protocols through the 20 WhatsApp platforms created. So far, the unit has posted the campaign song video, animations on COVID-19, signs and symptoms, wearing of nose mask, handwashing and social distancing in the local languages. The unit will continue to share SBCC materials once every week.

Members of the platform have been engaging each other through text, voice notes, and images on fisheries issues and on specific community concerns. The criteria for the selection of beneficiary households under the pilot Economic Safety Net Scheme was also disseminated through the WhatsApp groups. To facilitate active engagement among group members, call credit and data bundles are provided monthly to incentivize group members and will continue on a monthly basis for the next three months.

So far, the eight NAFPTA groups, with a total membership of 259 have averaged an engagement rate of 88% while the eight GNFC groups with a total membership of 248 averaged an engagement rate of 87%. Engagement here refers to the number of people who have accessed/opened messages posted on the platform and initiated conversations on the messages either on the platform or elsewhere. The two Virtual Platforms, with a total membership of 38 averaged an engagement rate of 85%. The CEWEFIA group with a total membership of 30 averaged an engagement rate of 87% and the DAA group with a total membership of 30 averaged an engagement rate of 91%.



### ***Setting up of Competition and Prizes***

A concept note detailing the structure for setting up a COVID-19 safety landing sites competition to award landing sites that have demonstrated adherence to the safety protocols and encourage the practice of safety protocols has been shared with implementing partners. The competition is scheduled to start in November 2020.

### ***Reconnaissance to communities and selection of Site Advocates***

Reconnaissance visits were made to the coastal communities to familiarize with all target-landing beaches and inform the Chief Fishermen (GNCFC) and their Konkohema (NAFPTA) of the details of the project and expected results. The visit also facilitated the selection of Site Advocates to assist with activities related to hand washing facilities that have been installed at the landing sites. During the visits, it was discovered that not all the landing sites were active. All active and inactive landing sites have been appropriately labelled and captured on an online mapping platform by the UCC's Centre for Coastal Management. Chief fishermen and their elders actively supported and were involved in the selection process of the Site Advocates.

### ***Orientation for Site Advocates***

With support from USAID/SFMP, Implementing Partners trained two hundred and fifty eight (258) (187 males, 71 females) selected Site Advocates in order to build their capacity to manage and monitor the handwashing stations at the landing sites. In line with this, the SFMP M&E unit organized a One-Day Capacity Building Workshop in Q3 at the Tomreik Hotel in Accra for the M&E and communications officers of all IPs. The knowledge gained from the workshop was used in conducting further training for site advocates working under each IP.

During the site advocate trainings led by SFMP, the IPs were taken through:

- The purpose of SFMP and the need for responsible fishing.
- The COVID-19 pandemic and its impact on over 300,000 fishers in the coastal communities.
- The purpose of the SFPM COVID-19 intervention and deliverables.
- Reporting template for capturing data from hand washing stations and ensuring adherence to handwashing protocols.

Participants were also engaged on telephone reporting/monitoring protocols through EngageSpark platform, facilitated virtually from CRC/URI.

### ***Distribution of Handwashing Stations and Social Behavioral Change Communication Materials***

SFMP supported implementing partners in the distribution of handwashing stations to various selected landing sites and fish processing market centers for community members to use in washing their hands to help prevent the spread of COVID-19 pandemic.

### **COVID 2: Two thousand extremely vulnerable fisheries-dependent households avoid extreme poverty**

The SFMP COVID-19 response intervention includes development of methodologies that could be used by Government or development partners to provide support (Economic Safety

Net Package) to poor and vulnerable fisheries dependent households through a pilot approach involving 2000 households across the four coastal regions of Ghana.

With field visits curtailed as a precaution against contracting /spreading the virus, a virtual platform made up the leaders and local community representatives of the key fisheries associations; GNCFC, representing fishermen while NAFPTA, DAA and CEWEFIA represent fish processors. On August 25, 2020, the leaders of the fisheries associations held a virtual meeting to propose criteria for the selection of fisheries dependent poor and vulnerable household across the four coastal regions. The criteria for selection was based on the health and educational status of households as well as general standard of living.

**Meeting with Ministry of Gender** – A consultative meeting was held with the Ministry of Gender, Children, and Social Protection (MoGCSP) - the policy-coordinating ministry for all social protection schemes in Ghana. Following this consultation, an ad hoc technical committee chaired by the Chief Director of the MoGCSP was set up and members with varied expertise were nominated by key stakeholder institutions in consonance with policy implementation, coordination arrangements for social protection programs in Ghana. The objective of this committee is to provide guidance on the implementation of the economic safety net including the approval of the final list of selected beneficiary households prior to the disbursement of funds.

The members of the committee were drawn from:

- The Ministry of Gender, Children and Social Protection (MoGCSP) – Chairperson.
- The Ministry of Gender, Children and Social Protection (MoGCSP) – One Representative.
- The Ministry of Gender, Children and Social Protection – Livelihood Empowerment Against Poverty (LEAP) Program secretariat – One Representative.
- The Ministry of Fisheries and Aquaculture Development (MOFAD) – One Representative.
- The National Development Planning Commission (NDPC) – One Representative.
- Ministry of Health and the Ghana Health Service – One Representative.
- Ministry of Finance – One Representative.
- The Ministry of Local Government and Rural Development – One Representative.
- The Coastal Development Authority – One Representative.
- The Fisheries Commission – One Representative.
- Ghana Statistical Services – One, Representative.
- Fisheries Associations; Ghana National Canoe Fishermen’s Council (GNCFC), National Fish Processors and Traders Association (NAFPTA) –1 Representative each.
- USAID/Ghana Sustainable Fisheries Management Project (SFMP) – 1 Representative and coordinating institution.

The ad hoc technical committee held its first meeting on September 10, 2020 to review the criteria for selection of poor and vulnerable fisheries dependent households proposed by the fisheries associations.



**Figure 7: Site advocates/chief fishermen receiving handwashing stations**

All 27-district assemblies along the four coastal regions have been engaged and sensitized on SFMP's intervention in their communities especially on the cash transfer program.

***Selection of poor and vulnerable households***

The aim of this activity was to target economically vulnerable households at risk of not meeting basic food needs and are not beneficiaries of similar GOG on-going social safety net schemes and recent COVID-19 economic assistance programs, including those detailed by the President of Ghana on April 19. SFMP is working closely with the MOFAD/FC and fisher folk associations to develop, validate and pilot methodologies that will 1) identify

vulnerable fisheries households that fall into this gap; 2) deliver cash transfer assistance; and 3) monitor receipt, use, and impact of assistance provided, including measures to track the risk of leakage or elite capture.

As part of the process of internalizing the inherent subjectivity of what constitutes poverty and social vulnerability and also address the need for social specificity of the notion of poverty and vulnerability, stakeholders were required to define the concepts of Poverty and Social Vulnerability themselves and develop the criteria for the selection of beneficiary households.

In view of this, a 2-day virtual meeting was conducted on August 26 & 27, 2020, for GNCFC and NAFPTA together with SFMP's implementing partners. The meeting developed a draft plan for the selection of potential beneficiary households. The plan developed was reviewed and approved by the ad-hoc technical committee.

As agreed in the work plan, Implementing Partners (IPs) are required to coordinate with local representatives of GNCFC and Fish Processors in the selection of potential beneficiary households for the Economic Safety Net Scheme. SFMP conducted a virtual meeting to discuss coordination arrangements with representatives of IPs, GNCFC and NAFPTA. During the meeting, participants discussed the following documents:

- Data collection sheet.
- Allocation of potential beneficiary households per fishing village.
- Criteria for selecting vulnerable households.

The data collection sheet highlighted the information needed to be captured on the vulnerable household by local representatives of both GNCFC and Fish Processors with the support of IPs. The allocation of potential beneficiary households per fishing village under IPs operational areas/districts was also explained to participants.

Potential beneficiary households have been selected by local community members of the stakeholder organization based on the selection criteria developed.

Following the review and approval of the criteria for the selection of households by the ad hoc technical committee, the fisheries associations were tasked to provide 4000 potential beneficiary households from 157 fishing villages deemed through an initial reconnaissance to be active. The 157 fishing villages/towns represent 84% of all fishing villages/towns captured in the 2016 Canoe frame survey. All 157 across the entire 27 coastal districts were given allocation per the number of fishermen living in that community from a regional allocation which takes into consideration population of fishermen in the region. The methodological approach requires GNCFC which is dominated by male fishermen to provide the list of exactly half (2000) potential beneficiary households using the criteria approved by the fishers themselves and approved by the Ad hoc Technical Committee. The provision of the other half of potential beneficiary households (2000) was assigned to three fisheries association; NAFPTA, CEWEFIA and DAA which are dominated by female fish processors.

Within three weeks and the end of the selection process, facilitated by the SFMP IPs, the male dominated group presented a total of 1546 valid nominations, representing 77% of their required allocation from 114 communities representing 73% of the required coverage area/across in all 27 coastal districts. The female dominated groups on the other hand were

able to provide a total of 1698, representing 85% of their required allocation from 124 communities representing 80% of the required coverage area/across in all 27 coastal districts.

In Q1, FY21, the total of 3,244 potential beneficiary households will be pruned to 2000 through various process including administration of Poverty Probability Index questionnaire (Proxy Means Test), processing of list through the LEAP database to ensure that final beneficiary households are not already benefiting from the LEAP. The pruning of the list of potential beneficiary households from 3,244 to 2000 will maintain the regional allocation of 322, 404, 664 and 610 for Volta, Greater Accra, Central and Western Regions respectively

**COVID 3: GoG has evidence on approaches for effective livelihood assistance to fishing communities affected by COVID-19.**

A consultant has been recruited by Resonance to assess any opportunities or challenges with supply chain disruptions emanating from government directives to limit traffic or impose social distancing protocols, which might disrupt fish sales and increase demand for processing or cold storage. The consultant started this assessment and is expected to complete this work in Q1 FY21.

Under the livelihood diversification, Resonance recruited a livelihood expert in Q4, FY20, to engage the various fisheries association; GNCFC, NAFPTA and DAA and CEWEFIA to identify the impact of COVID-19 on the livelihoods of fishers and brain storm on livelihood options that will be resilient to the pandemic and other shocks including drastic decline in fish landed or collapse of the fish stocks. This Focus group discussions was held in Winneba and Apam.

To encourage livelihood diversification for some vulnerable households in the fisheries value chain, DAA organized three (3) focus group discussions among fisher folk on August 13, 2020 in Apam, Winneba and Accra and on 14 August 2020 in Tsokomey. These focus group discussions ascertained available resources including local capital and market potentials and proposed livelihood options that could help diversify their sources of income and increase their resilience to climate change and natural disasters such as COVID-19 pandemic. Options discussed with the youth and women fish processors as a mean of mitigating some of the impact of the COVID 19 pandemic on the livelihoods of fishers included soap making, baking, production of charcoal briquette from coconut shell and husk, installation of satellite (TV) and air-condition repairs.



**Figure 8: Participants during the focus group discussion on diversified livelihood support for youth fish processors in Apam, Winneba and Accra**

The discussions also sought to assess the economic impact and effects on fishers of the COVID 19 pandemic before, during and after the governmental imposed lock down on their livelihood support activities. Resonance is leading SFMP’s efforts to pilot diversified livelihood approaches that could reduce fishing pressure, provide stable income and new economic opportunities in the long-term.

#### **2.4 Implementation Challenges**

The onset of the COVID-19 pandemic in Ghana in March 2020 to a large extent delayed many of Year 6’s remaining programmed activities of the project that were originally scheduled for Q3. The defining moment was a directive issued by the President closing down all public and private schools, with effect from Monday, March 16, 2020, and suspension of public gatherings, meetings, and conferences with the exception of private burials where participants should not exceed 25. Consequently, the SFMP developed an action plan that was shared with the SFMP USAID AOR detailing modifications to outstanding program activities with precautionary measures and a transition plan to teleworking.

Once the Accra lockdown was lifted, staff returned to work in the office, but under a set of new COVID-safe protocols. URI and the SFMP senior management team worked in this reporting period to develop and put in place a set of COVID-19 protocols and standard operating procedures to keep staff and project participants safe. The protocols ensured that all activities moving forward, should be implemented in compliance with COVID-19 prevention measures.

The mode of transmission of the virus required that project staff take necessary steps in limiting social contacts especially when travelling to work once the office reopened. Program Management therefore recommended alternative transport arrangements such as Uber or Bolt transport or Taxi (hired) for those few staff members who otherwise travel to work by means of public transport (typically those in the lower salary brackets). There were also cost implications related to the need to provide a COVID safe working environment involving maintenance of an elevated hygienic environment, procurement of nose masks for staff, a handwashing station, and IR thermometer. Those costs were contained in the action plan submitted to the USAID AOR.

Implementation of Anti CLaT Meetings with advocates and fishers was delayed from the initially scheduled March 2020 to September 2020 due to the outbreak of COVID 19 and the subsequent restrictions imposed by the Government. To implement this activity, the original

activity involving school pupils, was revised and the participants changed to fishers due to the increased risk factors.

In connection with the selection of poor and vulnerable fisheries dependent households, some fishing communities were not willing to cooperate with local representatives of GNCFC and NAFPTA in providing information to complete the nomination forms because they indicated that there have been several instances in the past where their personal data was collated but they did not receive any benefits and no explanation was offered why they have not been selected.

Another difficulty entered in the collation of the names of potential beneficiaries can be attributed to the closeness of the activity to national elections scheduled for December 2020. In some communities, fishers have been misinformed that their details were being collated in order to delete their names from the Voter's Register.

The coordination of most meetings via virtual platform created both technical and operational challenges for many stakeholders who were not internet savvy and were using online meeting platforms for the first time. Meetings were also disrupted as a result of occasional internet connectivity challenges.

The limited time required to put together the COVID-19 response intervention also created a bit of operational challenges and some details started emerging as activities started unfolding that were not comprehensively considered during the project design stage. This challenge particularly relates to the time allocated for identification, selection, verification processes of cash beneficiaries prior to disbursement of the Economic Safety Net Package.

Difficulty in working with SFMP's local bank to facilitate payment of call and data credit presented some challenges with the engagement of fishers, processors and traders through the social media platforms. A private sector firm was contracted to process call and data credit to the social media platforms so they could aide in making selection of candidate site beneficiaries. Consequently, arrangements were made to have SFMP IPs coordinate the identification of potential beneficiary households by the fishermen and fish processors and this was able to address the difficulty encountered.

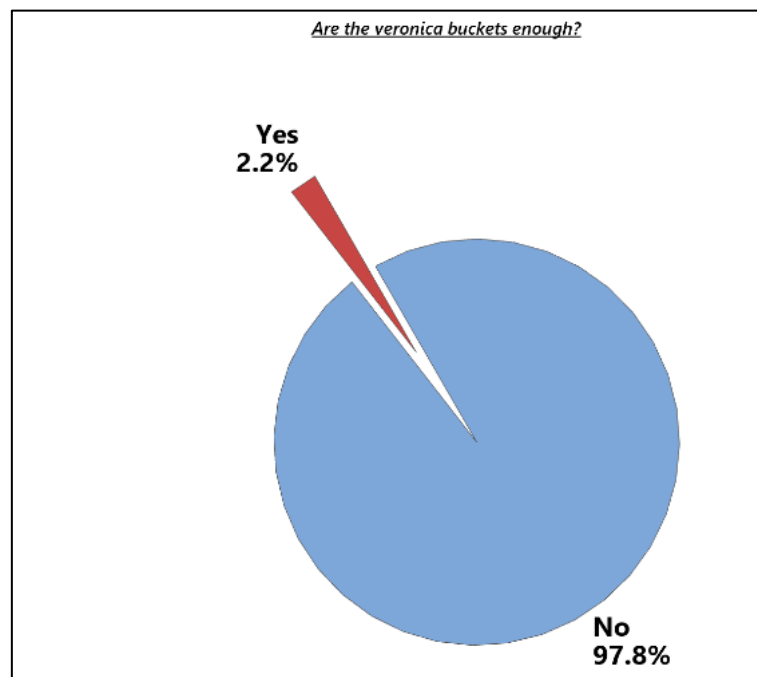
Lastly, we have encountered some challenges with relying on an automated phone polling to collect information for monitoring and evaluation purposes. Response rates in fishing communities have tended to be lower than expected from historic averages of others using it and this has meant we have had to rely more on person to person phones calls to follow-up with those that did not respond to the automated poll. Additional strategies are being attempted with automated polling to increase the response rate, such as providing a number of when they can call back at their convenience.

### 3. M&E PLAN AND IMPLEMENTATION UPDATE

#### ***Monitoring, Evaluation, Knowledge Management, and Learning Plan***

The SFMP Monitoring, Evaluation, and Learning (MEL) team developed a detailed monitoring, evaluation and learning plan, which was submitted to USAID in Q4, FY 20.

In collaboration with SFMP, UCC conducted a rapid socio-economic baseline assessment using data from Fisheries Commission Canoe Frame Survey and other secondary data. They collected geo-referenced data points on all landing sites and major fish markets in the coastal districts and assessed status of COVID safe practices at each site. URI and UCC are integrating the geo-spatial site data into an online geo-database and tracking tool similar to the SFMP activity mapper mentioned previously. This will also allow for mapping of the various aggregated beneficiary information and locations by district/landing site and other monitoring data. In addition, UCC analyzed monitoring data in Q4 FY20 on COVID-safe practices at landing sites to display on the tracking tool. Preliminary results painted a grim picture of lack of handwashing stations and very low levels of practicing COVID-safe practices such as social distancing and wearing of facemasks. The pie chart below showed the proportion of landing beaches and fish processing centers with hand washing facilities during the baseline survey undertaken by UCC in July through August of 2020.



**Figure 9: Overall proportions of sites with sufficient and insufficient handwashing facilities**

Proposed indicators and targets for the COVID 19 result area were established. A methodology for assessing outcomes has been developed including sampling designs for acquiring baseline information and subsequent monitoring.

In Q3 FY 20, the M&E unit organized an orientation with METSS on specific COVID indicators as well as remaining SFMP indicators to be reported on. The M&E unit also reviewed and finalized targets set for the COVID-19 Cost Extension, reviewed the task plans



based on the Feed the Future Monitoring System (FTFMS) and collated and tracked implementing partners' deliverables.

In addition, the unit conducted a Capacity Building workshop on COVID-19 prevention protocols to train IPs (CEWEFIA, DAA, HM, FoN, and RESONANCE) and fisheries associations (NAFPTA, GNCFC). The various IPs followed up with a TOT by with their respective selected site advocates.

The MEL unit, in Y6 Q4, led a training for six enumerators engaged by SFMP to conduct phone-polling surveys and follow up calls under the COVID 1 and 2 interventions. The enumerators were equipped with the necessary skills to conduct the survey and the KoBoToolbox, a mobile app for data entry, and analysis.

The unit continued to provide monitoring and evaluation support to implementing partners and ensured that data and deliverables reported to USAID met the USAID data quality standards. The MEL unit responded to ad hoc requests for M&E information from USAID and METSS. Online data reporting systems such as TEAMS were also updated quarterly.

#### **4. MANAGEMENT AND ADMINISTRATIVE ISSUES**

In order to scale up the COVID response activities, it became necessary to augment the existing SFMP staff with two new additional technical officers to assist with specific components of the SFMP COVID-19 response intervention. The two new positions were:

- Livelihood Expert to assist with COVID-3 Strategic Result Area involving pilot of livelihood options that will move the youth into other productive sectors of the local economy and subsequently reduce pressure on the fisheries resources.
- Communication Assistant. As a result of the need to limit in person engagements to prevent infection and spread of the virus, a virtual platform was integrated into the design of the intervention. The Communication Assistant with knowledge in social media engagement and communications, was therefore engaged to assist the Communications Officer.

In addition to the two new positions, two temporary positions were also converted to permanent staff positions to assist with program implementation. An intern working with the M&E Unit was given a permanent staff position as Assistant M&E Officer. The National Service person assisting with office administration was also given a permanent project position as an Administrative Assistant.

Anticipated increase in processing accounting documents was addressed by engaging a previous staff member on contract for additional part time work. As a result of his familiarity with the existing software and SFMP accounting processes, his support to the finance and administration unit was very much opportune.

The need to deliver emergency response activities within a limited time frame put considerable pressure on all staff members. However, both new and old members of staff were committed to their respective roles and did put in extra effort to execute assignments on time.

Final Project Close was schedule for Q4 of this year until the project was provided a cost extension through April 2021. Close out therefore has been rescheduled. Starting in February 2021, the enhanced staff strength to address COVID -19 response activities and the original SFMP activities will be reduced leaving a small core staff to supervise documentation and final project close out in March and April 2021. A detailed close out plan will be developed and submitted to USAID Ghana, 90 days prior to final project close out. All major project publications – special publications, technical reports, training reports, work plans and progress reports will be compiled and edited, converted to PDF format to meet 508 accessibility requirements, and electronically archived at URI and USAID websites. Final Project Reports (program and financial) will be prepared and submitted prior to due dates as stipulated in the Cooperative Agreement.

## 5. LESSONS LEARNED

The outbreak of the COVID-19 pandemic has thought us a big lesson to be integrated into the design and implementation of social development interventions. Unanticipated developments can crop up at any time and hence the need to maintain some level of fluidity and flexibility in responding to challenges when they emerge. Program Management developed an action plan with comprehensive review of all outstanding programmed activities and determined how government directives related to prevention and spread of the virus including ban on meetings and public gathering were going to impact on program implantation. Some activities were modified while a few others were cancelled. The action plan also took into consideration the financial implication of modifications to both program activities and office management operations and put in place new precautionary arrangements to ensure the safety of staff.

The most drastic change to conventional working processes and procedures was the transition to Teleworking Module in response to lock down of Accra associated with restrictions of vehicular movement as well as movement of people. Since the US and URI had encountered the outbreak of the virus earlier and had experience with area lockdowns which necessitated the development of workplace policies on teleworking, it was easier for URI to transfer those experiences and procedures to SFMP. The SFMP therefore transitioned seamlessly to teleworking module without any difficulty. All in-country staff members were involved in regular weekly meetings with CRC staff to provide updates on program activities and also outline their plans for the week. When government eased restrictions on meetings and movement of people and there was the need to transition back from the virtual/teleworking module to the conventional working module, there was the need for program management to put in place a COVID-19 complaint working environment associated with an elevated hygienic workspace, social distancing arrangements and the use of nose masks referred to as the “new normal” office setting.

Following a request from the USAID Mission for SFMP to prepare a Technical Application to address the impact of COVID-19 on the marine artisanal fisheries sector in Ghana, SFMP and partners were able to respond to the request within the limited time frame, thanks to the co-creation process adopted by the Mission to develop this emergency response intervention. The approach made it possible for both the grantor and the recipients to be in constant engagement towards modification and refinement of the components of the emergency response interventions in order to achieve the desired results. In retrospect, assigning each of the 27 coastal districts to a specific Implementing Partner (IP) was strategic as local partners were quite instrumental in ensuring that SFMP could reach out to local members of the Ghana National Canoe Fishermen Council (GNCF) or the local representatives of the National Fish Processors and Tragers Association (NAFPTA) rapidly. Given the limited time and the exigencies of the COVID-19 response intervention, the involvement of the partners made it possible for handwashing facilities to be distributed to almost all landing beaches across the entire coastal regions of Ghana and the same applies to the SBCC materials, in a short period of time.

The use of a popular Ghanaian pop singer, Kofi Kinata, has proven to be an effective means of spreading key messages to fisheries stakeholders and the general public. His “[Coronavirus](#)” song U-Tube video was released on September 18, 2020 and already has over

263,000 views. His previous “[\*Illegal fishing - closed season\*](#)” U-tube video that premiered on May 20, 2019 had 1,299,127 views as of Oct 26 2020.

On the engagement of political parties on fisheries and coastal management challenges in Ghana, it was ascertained that the approach offers a very important avenue for propelling fisheries issues onto the national policy agenda of government and other political parties as well as the general public give the large viewing audience of the event live on TV and radio and on-line. The collaboration between the SFMP and UCC was effective in generating the necessary synergy propelling key fisheries onto the media and national agenda and with UCCM/UCCC taking the public lead, ensured the event was seen as a neutral platform for the dialogue. It was however discovered that there is a need to organize a capacity building workshop for the representatives of key political parties to enhance their understanding on some of the technical issues related to the fisheries sector such as fisheries closed seasons and the impacts of subsidies on stock recovery.

## 6. FINANCIAL STATUS

The following table shows the financial status of the project through Year 6 (FY20) including funds obligated to date, estimated expenses through the end of Year 6, and balance of obligated funds on hand at the end of Year 6. The Cooperative Agreement ceiling is now US\$25,987,826.

**Table 3: Financial status of the project through Year 6 (FY20)**

<b>Budget Item</b>	<b>Total funds Obligated to Date September 30, 2020 (US\$)</b>	<b>Total Funds Expended (estimated) to Date, through September 30, 2020 (US\$)</b>	<b>Projected Balance of Obligated Funds, Remaining as of September 30, 2020 (US\$)</b>
Direct costs	12,427,010	11,872,530	775,319
Sub-grantees	9,623,283	9,291,561	331,722
Construction	387,000	307,113	
Training	349,655	208,703	
<i>Total Line Items</i>	22,786,948	21,679,907	1,107,041
Indirect costs	3,200,878	2,999,295	201,583
<b>Total</b>	<b>25,987,826</b>	<b>24,679,202</b>	<b>1,308,624</b>

## ANNEX 1. SUMMARY RESULTS TO DATE (All Project Performance Indicators)

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 year under review and gives a cumulative performance in each quarter.

**Table 4: Results to date relative to LoP for all 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			
<b>Project Goal: Rebuild targeted fish stocks via adoption of sustainable practices and exploitation levels</b>												
<b>Project Goal Indicators</b>												
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	0	0	0%	This indicator only measured annually. N/A (Tracked annually) Draft STWG stock assessment report shows both overfishing still occurring and the stocks are considered overfished. Report indicates that small pelagic landings in 2019 are below 10% historic highs and therefore technically have collapsed.	
<b>Intermediate Result (IR): POLICY: Strengthened enabling environment for marine resources governance</b>												
Number of agricultural and nutritional enabling environment policies completing the following processes/steps of development as a result of USG assistance in each	Copies of laws, policies, strategies, plan or regulation	2015	0	<b>FY 2020 Target</b>	<b>Q4 Results</b>						4 in process (1 co-mgt strategy and 3 co-mgt plans) 3 already completed – CLaT, NMFMP, and Gender	Action on Fish Act was canceled as a result of lack of commitment on the part of MOFAD and 4 policies have been approved by Cabinet pending finalization and signature by sector Minister – co-mgt policy and 3 community-based mgt plans.
				Fish Act – Step 3	N/A	Canceled	Cancelled	Cancelled	N/A			
				CLaT strategy– Step 4	Completed	N/A	N/A	N/A	N/A			
				Co-Management. policy – Step 4	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process			

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			
case: (EG.3.1-12 (old)) 1. Analysis 2. Stakeholder consultation/public debate 3. Drafting or revision 4. Approval (legislative or regulatory) 5. Full and effective implementation (Project indicator 1)				NMFMP- Step 4	Completed	N/A	N/A	N/A	N/A	strategy; 1 cancelled – Fish Act		
				Pra (CBMP) - Step 4	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process			Step 4 In process
				Ankobra (CBMP) - Step 4	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process			Step 4 In process
				Densu (Oyster Plan) Step 4	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process	Step 4 In process			Step 4 In process
				Gender Strategy - Step 4	Completed	N/A	N/A	N/A	N/A			N/A
<b>Intermediate Result (IR): SCIENCE &amp; RESEARCH: Increased use of science and applied research to inform decision-making, law enforcement and the implementation of management plans</b>												
Number of institutions with improved capacity to develop and implement managed access fisheries management plans	Project records, capacity assessment reports	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	Final assessment for this outcome indicator completed in FY19 and compared with baselines. No further outcome assessments planned.	(89% LOP achieved) Final capacity assessment of 19 institutions in FY19 documents 17 (10 GOG and 7 CSO) with improved capacity. 2 CSO (GNCFC and NAFAG) were not able to improve their OCA scores compared to baseline.	
<b>Intermediate Result (IR): CONSTITUENCIES: Constituencies and political will for policy reform &amp; implementation built</b>												
Number of days of USG funded technical assistance in NRM and/or biodiversity	Trip reports, project records	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y (108% LOP achieved in FY19) 3,767/ 3,498 days. No longer tracked.	

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		
provided to counterparts or stakeholders (EG 4.8.1-28)											
Number of information products disseminated in local media reports, radio shows, conference papers, and research studies (Project indicator 2).	Sample of reports	2015	0	2	2	1	1	0	0	100%	FY20 and LoP target achieved. No longer tracked.
<b>Intermediate Result (IR): APPLIED MANAGEMENT: Improved management of marine resources</b>											
Number of hectares under improved management practices or technologies with USG assistance (EG.3.2-25)	GIS Maps, policy documents	2015	0	611,000	1792	1792	1792	1792	0	0%	Largely met in previous years but closed season 2020 and registration and moratorium enhance number of practices being utilized to improve the fish stocks, so this number will continue to be reported in FY 20. Reported this year is the Densu estuary management area for the oyster fishery with implementation of a 3rd consecutive annual closed season from mid-November 2019 to mid-April 2020.
Number of hectares of biologically significant areas under improved natural resource management as a result of USG	GIS Maps, policy documents	2015	0	611,000	1792	1792	1792	1792	0	0%	Same as EG.3.2-25



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		
assistance. (EG.10.2-2)											
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	LOP Target 120% achieved in FY18 and continued in FY19. No longer tracked.
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	In FY19 evidence of improved compliance for industrial sector published in peer reviewed article. Evidence for artisanal sector – unknown. No longer tracked.
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	LOP target of 3 achieved in FY16. No longer tracked.
Number of individuals in the agriculture system who have applied improved management practices or technologies with USG assistance (EG.3.2-24).	Project records	2015	0	10,200	200	200	200	200	0	2%	200 Oyster pickers from Densu Oyster 2 <sup>nd</sup> closed season starting in Nov 2019 – April 2020). Expected 10,000 CIC implemented in Q1 FY21. Replaces EG.3.2-17/ FtF 4.5.2, “Number of farmers and others who have applied new technologies or management practices as a result of USG assistance.”

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 individuals participating in USG-assisted group-based savings, micro-finance or lending programs (EG.4.2-7)	Project records	2015	0	1174	1174	N/A	N/A	N/A	1174	100%	Continuing and new VSLA members. Indicator added and reported in Q4.
Number of micro, small and medium enterprises (MSMEs), including farmers, receiving business development services from USG assisted sources (Project indicator 3)	training participant records, lists of micro-enterprises supported	2015	0	951	951	596	355	0	0	951 (100%)	100% revised increased CE annual target achieved. Increase from 475 due to actual costs per training participant were lower than planned so addition trainings held and VSLAs established
Value of agriculture-related financing accessed as a result of USG assistance (EG.3.2-27).	Private sector financial records, program data	2015	0	\$10,000	\$ 9036 M-0 (0%) F-\$ 9036 (100%)	\$ 5636 M-0 (0%) F-\$ 5636 (100%)	\$ 3400 M-0 (0%) F-\$ 3400 (100%)	0	0	(90.4%)	Within 10% of target. No additional action on this indicator planned. MASLOC has disbursed loans for 17 processors, 14 processors expecting to receive loans declined because the loan was considered too small for their business requirement. Started in FY19 in place of the discontinued indicator, “Value of agricultural and rural loans as a result of USG assistance (RAA) (WOG) EG.3.2-6”

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 members of producer organizations and community based organizations receiving USG assistance (Project indicator 4)	Project documents	2015	0	10,951	951	596	355	0	0	951 (8.6%)	Annual target revised up in Cost Extension (CE) from 475. The Canoe Identification Card (CIC) was to be implemented in Q4 FY20 but delayed until the new software for reading cards in the field by FC officers is completed.
Number of micro, small, and medium enterprises (MSMEs), including farmers, receiving agricultural-related credit as a result of USG assistance (Project indicator 5)	Private sector financial records, program data	2015	0	0	48	31	17	0	0	N/A	No annual target for FY20, but FY20 achievement in Q1&2. MASLOC has disbursed loans for 48 processors. With these 48, 82% of LOP is achieved, but no further activities programmed. Old EG.3.2-3.
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 (Project indicator 6)	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	3 - same group with ongoing support	3 - same group with ongoing support	3 - same group with ongoing support	3 (100%)	Target achieved (support is ongoing)
<b>Cross Cutting Indicators</b>											

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) (old)	Project training reports and participant lists	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	141% of LOP achieved in FY19. No longer tracked.
Number of person hours of training in natural resources management and/or biodiversity conservation supported by USG assistance (FtF 4.8.1-29) (old)	Project training report.	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	108% of LOP achieved in FY19. No longer tracked
Number of individuals who have received USG-supported short-term agricultural sector productivity or food security training (RAA) (WOG) EG.3.2-1 (old)	Project training report.	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Indicator dropped by FtF in FY18 and no longer tracked by SFMP after FY19. 123% of LOP achieved in FY19.
Number of individuals who have received USG-supported degree-granting agricultural sector productivity or	Project training report.	2015	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100% LOP achieved in FY19. No additional results expected.

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		
food security training (RAA) EG.3.2-2											
Number of individuals participating in USG food security programs (EG.3.2)		2019	0	550	1530	1079	451	0	0	278%	CE FY20 Workplan added this target due to FY20 target entered into FTFMS It will also be reported under COV 2a and 2b. FY20 target overachieved. 83% of LOP target achieved.
Number of service providers that receive training, technical assistance, or capacity building in victim-centered and trauma-informed services (PS.5.1-24)		2020	0	670	656	N/A	N/A	600	56	98%	
Number of people trained in prevention (PS.5.3-15)		2020	0	290	296	N/A	N/A	60	236	102%	
<b>COVID-19 Indicators</b>											
Number of sites (landing beaches, processing centers or fish markets) obtaining hygiene equipment and supplies adhering to COVID-19 prevention protocols (Project indicator 7a)		2020	0	140	125	N/A	N/A	0	125	89%	Based on phone polling results, 51.5% of the total of 243 landing sites obtained Veronica buckets, supplies, and adhered to Covid-19 handwashing protocols.

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 sites showing improvement in adherence to social distancing and other good practices (Project indicator 7b)		2020	0	0	0	N/A	N/A	N/A	N/A	N/A	No target this FY. Sites scored for adherence in preparation for follow-up scoring in FY21.
Number of functional Social Media Groups established (Project indicator 7c)		2020	0	12	0	N/A	N/A	0	0	0%	A total of 20 groups with a total of 600 members were established and received 1 messages/week for 5 weeks starting in mid-September with approximately 80% of group members accessing them. Target was missed as 24 messages per quarter should be sent to be “functional” and we started sending messages only in Sept no for full 3 months in the quarter.
Number of individuals participating in USG food security programs (EG.3.2)		See above	0	0	0	N/A	N/A	N/A	N/A	N/A	On target for LOP of 2000 cash transfer and 25 livelihoods under (COV 2 and COV 3)
US\$ disbursed per household/person (Project indicator 8a)				0	0	N/A	N/A	N/A	N/A	N/A	On target for LOP
% of targeted households with steady or decreasing hunger and steady or increasing diet. (Project indicator 8b)				0	0	N/A	N/A	N/A	N/A	N/A	On target for LOP

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 methodologies for targeting and monitoring of economic assistance validated (Project indicator 8c)				0	0	N/A	N/A	N/A	N/A	N/A	On target for LOP of 2
Percentage of female participants in USG-assisted programs designed to increase access to productive economic resources (GNDR-2)		2015	0	94%	94%	N/A	N/A	N/A	94%	100%	For the 1174 VSLA participants reported under Indicator EG.4.2-7, 1103 were women (94%). For FY 21, the target will be based on participants in COVID-19 livelihood grants. There is no FY 21 VSLA-based target.
Number of livelihood approaches tested and their effectiveness (Project indicator 9)				0	0	N/A	N/A	N/A	N/A	N/A	On target for LOP of 2

## **Explanation of Indicators**

### **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) (Project indicator 1):**

#### ***Biomass to produce MSY ( $B_{msy}$ ) and Fishing Mortality at MSY ( $F_{msy}$ ) (Year 5 target)***

Indicators 1a and 1b are project indicators under indicator 1 that are specific to the small pelagic fishery and the much larger LoP target. We are tracking the indicator over time. Estimates of total biomass of pelagic species (SOURCE: DRAFT STWG stock assessment report 2020 for data through 2019) showed a sharp decline following the CPUE trends. The 2019 biomass estimates were the lowest recorded during this time series, well below the  $B_{msy}$  level. The biomass continued its decline as a result of effort increase. The biomass in 2019 was only at 54% of  $B_{msy}$  needed to maintain a long-term sustainable exploitation of the stocks (Figure 5). The stock is considered severely overfished and overfishing continues to occur, making this stock in a state of collapse. According to the 2019 landings figures of *Sardinella aurita*, representing less than 10% of the highest recorded landings, this stock is also considered collapsed. Fishing mortality continued to increase as fishing effort increased and stock biomass declined. The current level of fishing mortality, estimated at  $F=0.81$ , is well above  $F_{msy}=0.4$  (the exploitation level at which the stock should maintain a sustainable biomass). Fishing mortality has gradually increased in the past 29 years reaching high and unsustainable levels since 2001 in 2019. The current state of the small pelagic stocks is severely overfished. The stock of *Sardinella aurita* is considered collapsed due to its low landings recorded in 2019. The current level of effort and catches are not sustainable. Effort will have to be reduced to avoid future depletion of the stock. The CECAF's working Group and the STWG recommended that small pelagic fisheries of Ghana should be closed to avoid a total collapse of the stock in 2017 and 2018 (CECAF, 2017). It was predicted by previous STWG's stock assessments that without serious interventions to end overfishing and avoid the further deterioration of the *Sardinella aurita* stocks, this stock was expected to collapse by 2020 and already has collapsed in 2019. Insufficient management measures are in place to significantly reduce fishing mortality. Until fishing mortality is reduced, biomass is unlikely to increase as biomass decline is caused primarily by overfishing and not environmental variability or climate change.

The strategy to achieve the LOP is through the implementation of a closed season and an additional holiday and capping on new canoes. The first two measures result in lower Fishing mortality, and the third, the cap, prevents it from going up further by means of added canoes. The closed season implemented for the artisanal fishing sector for the first time in 2019 (May-June) and the trawl sector closure (Aug-Sept) for the third time in 2019. The artisanal closure was not timed properly to protect spawning stock so was ineffective at changing stock status. The 2020 closed season was postponed by the Ministry for 2021 due to the COVID-19 pandemic. No second fishing holiday was instituted in FY 20 even though F2F dialogues showed fisherfolk support this. The cap on canoe registration did occur in FY 20 as well since registration cards must be distributed and then a grace period for registration will ensue before registration is capped. There is a significant lag in reduction in fishing mortality and increase in biomass. While the additional measures may be implemented in FY21, the



project will end before any likely change in biomass resulting from these measures will be measured during Life-of-Project. Biomass improvements will lag by a year or two after fishing mortality is reduced. We can however reasonably assume it will occur as a result of implementation of all these management measure(s), if and when this occurs.

A confounding factor is the “saiko” catch (fish illegally transshipped from trawlers to canoes at sea) which is not reported in official landing statistics. While the trawler association has made public promises to eliminate this practice as have several political parties in the run up to the December national election, it continues unabated. Prevention of saiko catch would in all likelihood contribute to improved biomass

## **IR 1 Strengthened Enabling Environment**

**Number of agricultural and nutritional enabling environment policies completing the following processes/steps of development as a result of USG assistance in each case: (Project indicator 1):**

This indicator is no longer continued in FtF Phase 2 but the new FtF Indicator Handbook 2018 allows continued reporting on the old indicator until the IM has ended. (Already-awarded and operating IMs that end after September 30, 2019: Report results and set targets on any continued reporting on any old indicator on which the IM wishes to continue reporting. Old indicators will still be available in FTFMS, but would be considered custom, if used.). As of writing of this annual report, USAID indicator guidance said “REPLACED by a forthcoming Country Policy Progress indicator”

Cumulatively, a total of three policies (The Anti-Child Labor and Trafficking (CLaT) inter-ministerial strategy, Gender and the National Marine Fisheries Plan) were approved out of the seven targeted over LoP.

The four outstanding policies targeted to be approved include the co-management policy and the three community-based management plans. A cabinet memorandum was submitted by MOFAD and approved by cabinet for signature of the Minister. Stage 4 approval for all 4 fisheries co-management documents to be signed by the Minister are awaiting her signature. In spite of the fact that the co-management policy and associated community based plans have not been formally approved yet, the three community-based plans are being fully implemented by legally constituted user group associations and co-management committees and supported by the Fisheries Commission. In this regard, it could be argued that the plans skipped the formal adoption process and are at step 5, full implementation.

SFMP engaged two Ghanaian consultants to support amendment of the National Fisheries Act and carried on consultation retreats with producer associations. A comprehensive Cabinet Memo seeking Cabinet approval for revision of the national fisheries law, culminating in the development of new fisheries legislation was prepared for MOFAD. MOFAD failed to submit to the cabinet for approval and with upcoming national elections in December 2020, the window of time where new legislation can be prepared and submitted prior to project end has closed. Hence this target has been dropped.

### **IR 3 Constituencies**

#### **Number of Information Products Disseminated in local media reports, radio shows, conference papers and research studies (Project indicator 2)**

Both the FY19 target and LoP target were exceeded by 300 percent and 159 percent respectively due to a shift in Year 5 on an intensive communications campaign in support of a closed season declaration and implementation by MOFAD/FC. FY20 target was also achieved as of Q2 and part of the 229 total achieved since FY15 (146% of WP LOP target). See Annex 3 for a list of media reports during the year.

### **IR 4 Applied Management**

#### **Number of hectares under improved management practices or technologies with USG assistance (EG 3.2-25)**

This LoP target was met in previous years but canoe registration and moratorium enhance the number of practices being utilized to improve the fish stocks, so this number will continue to be reported in FY 21 and when CIC are issued.

In FY20 the Densu Oyster Pickers Association implemented a third consecutive annual closed season for the oyster fishery from mid-November 2019 to mid-April 2020 in accordance with the Oyster Fishery Co-Management Plan pending signature. As documented on page 7 of the draft plan, the management area covers 1,792 hectares ([https://www.crc.uri.edu/download/GH2014\\_ACT139\\_DAA\\_FINAL508.pdf](https://www.crc.uri.edu/download/GH2014_ACT139_DAA_FINAL508.pdf)). No other additional targets for FY21. Both estuarine and marine areas contribute to the LOP target. Cumulatively, a total area of 622,714 hectares representing 100% of the revised LOP target of 622,678 hectares was achieved.

#### **Number of hectares of biologically significant areas under improved natural resource management as a result of USG assistance. (EG.10.2-2)**

This indicator documents the same number of hectares as EG 3.2-25, 1,792 hectares management area in the Densu estuary under improved management in FY20 due to the third consecutive closed season implemented during the reporting period. The small pelagic hectares not achieved this year are also considered biologically significant areas as Part of the Guinea Current Large Marine Ecosystem.

#### **Number of individuals in the agriculture system who have applied improved management practices or technologies with USG assistance (EG 3.2-24)**

As per FtF Guidance this indicator replaces EG.3.2-17 under which it was reported in FTFMS in FY19. Both aspects of IR 4 contribute to this indicator. 10,000 CIC beneficiaries that were expected to be added to the cumulative total in FY20 Q4 will be added in Q1 FY 21 when cards are distributed.

#### **Number of individuals participating in USG-assisted group-based savings, micro-finance or lending programs (EG.4.2-7)**

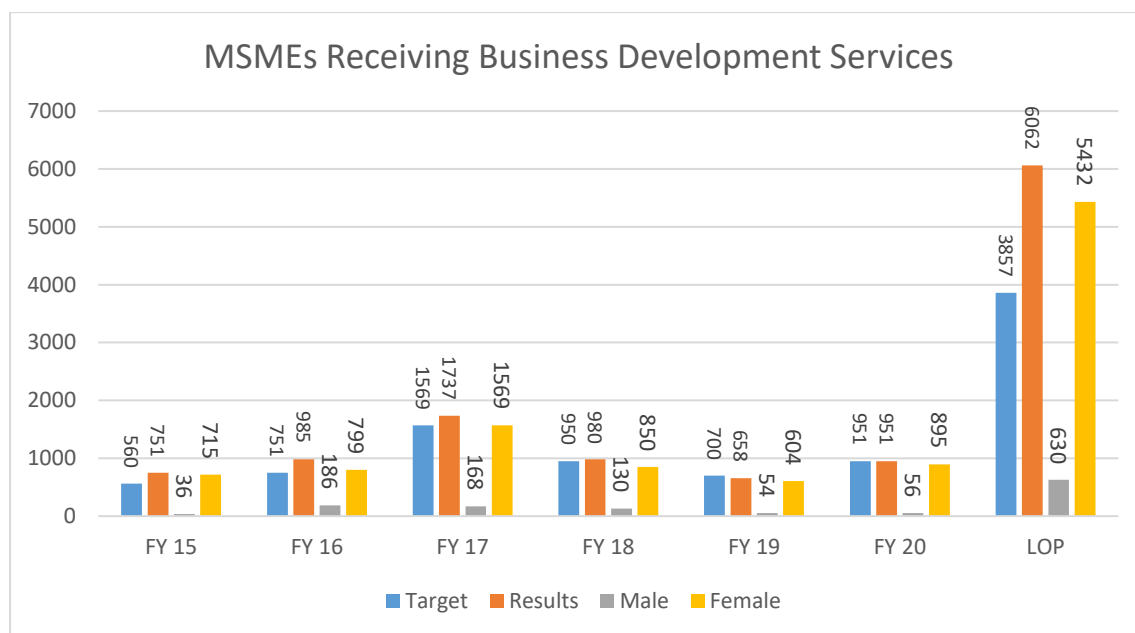
A total of 1174 individuals (71 men and 1103 women) participated in Village Savings and Loan Associations (VSLAs). A VSLA is a savings and loan (credit) mechanism. Of the total,

302 were new in FY20 and 872 continuing. A total of 252 were aged 15-29 and 922 aged 30 and older. This indicator was added in FY20 Q4 and so was reported for the first time in that quarter for this FY.

**Number of Micro, Small and Medium Enterprises (MSMEs), including farmers, receiving business development services from USG assisted sources (Project indicator 3)**

A total of 951 (56 men and 895 women) Micro, Small and Medium Enterprises (MSMEs) received various business development services through a well-designed curriculum to improve o the knowledge and skills of these beneficiaries. This represents a 100% achievement versus target. Males formed 6% and females constituted 94% of those receiving services.

The project at the end of year 6 has cumulatively trained 6062 Micro, Small and Medium Enterprises (MSMEs) representing 157% of the revised LOP target of 3,857. Out of the cumulative total, 630 (10%) are males while 5432 (90%) are females. There are more females because the MSMEs benefiting from the project activities and targeted by the project are primarily women-led fish processing and marketing businesses. The over achievement of target can be attributed to year 3 achievement where MSMEs activities were extended to Volta region based on demand and requests from MSMEs in that region among others.



**Figure 10: Number of MSMEs receiving business development services**

**Value of agriculture-related finance accessed as a result of USG assistance, (EG.3.2-27)**

This indicator sums cash loans disbursed during the reporting year to direct beneficiary producers and MSMEs in rural areas that are in a targeted agricultural value chain, as a result of U.S. Government assistance. During Year 6, \$9036 in loans were given out to producers representing 90% of the target of \$10,000. The LOP target is already overachieved at \$92,876 representing 106% of the LOP target of \$87,029 as MASLOC provided loans to more women

than we earlier projected in FY19 but could only support businesses with a GH¢ 1,000 per woman loan instead of the GH¢ 2,500 they had applied for.

MASLOC has so far provided loans to 183 beneficiaries. SFMP and partners increased Village Savings and Loan group formation and development so the projects responsiveness to the need for micro-business capital was met in other ways. While MASLOC still provided a few additional loans in Year 6 and SFMP tracked that, we have and will not put any project resources into this approach any longer due the long duration to have loans let, and as processors are less interested due to the smaller amounts of loans given than originally expected.

**Number of members of producer organizations and community-based organizations receiving USG assistance (Project indicator 4)**

This indicator captures the number of members of producer organizations namely DAA, CEWEFIA, NAFPTA and GNCFC, that the project has assisted either through material support, meetings and trainings during the year under review. At the end of Year 6, a total of 951 members (56 men and 895 women) were provided assistance as against the target of 10,951 members representing only 8.7% achievement. In terms of cumulative performance, 7841 (1567 men and 5323 women) representing 59% of the revised LOP target of 13,338 was achieved. The reason for under performance in year 6 Targets was as a result of the delay in Canoe Authorization Card for GNCFC members which are printed, but not yet distributed. There was a high percentage of female participants in Year 6 since three of the organization (CEWEFIA, DAA and NAFPTA) are women dominated organizations (e.g. Women fish processors and traders). The Canoe Authorization Card when distributed will increase the male percentage and exceed the target as an estimated individual 10,000 cards are expected to be distributed in Q1 FY21.

**Number of micro, small, and medium enterprises (MSMEs), including farmers, receiving agricultural-related credit as a result of USG assistance (Project indicator 5)**

This indicator counts the total number of micro, small, and medium enterprises (MSMEs) that have received U.S. Government assistance that resulted in a loan (in a formal financial institution). During the year under review, 48 MSMEs received loans in Quarters 1 and 2, although no target was set for FY20. All the beneficiaries were females, the reason being that the MSMEs are women owned fish processing businesses. The project at the end of Year 6 cumulatively assisted 492 MSMEs to access loans out of the revised LOP target of 600 representing 82% of LoP target. This indicator is directly related to the indicator above and while results for FY20 were in addition to those anticipated, , the LoP target will not be met due to our decision to curtail project resources on this, and instead, invest in establishing VSLAs as a better option for fish processors and traders. VSLA savings and loans are not captured under this indicator.

**Number of institutions with improved capacity to develop and implement managed access fisheries management plans**

No additional targets or investments were planned for FY20. In FY19, a final Organizational Capacity Assessment (OCA) for 10 GoG, and university units and 7 CSOs was conducted and compared to baselines to ascertain the level of capacity improvement after receiving trainings in various areas, and the provision of equipment or inputs such as vehicles, computers, printers, servers, furniture etc. The 10 GOG units are MFMD/FC, FSSD/FC,

MCS/FC, PHU/FC, MEU/FC, FEU and interagency unit, LUSPA/WR, LUSPA/CR, UCC/DFAS, UCC/CCM. The 7 CSOs are HM, FON, DQF, DAA, CEWEFIA, NAFPTA, GITA, GNCFC, NAFAG.

The baseline OCA for GITA, NAFAG and GNCFC conducted in Year 3, was added to the LOP target (increase of 3) in year 4 for the final OCA in FY19. The sub-grant award of the fifth CSO (Daasgift Quality Foundation (DQF) ended in year 3 and was therefore not part of the final OCA. The Fisheries Commission Monitoring and Evaluation Unit (MEU) was added at midterm in FY17 as SFMP support resulted in transformation of the units' operations to paperless survey methods that have been applied for most of their studies since, including a socio-economic study of the May 2019 closed season presented at the August 2019 National Conference.

The final OCA reports indicated that a total of 17 organizations had improved capacity to contribute to the fisheries sector and sustain the gains made by the project in the last five years. These include the 10 GOG and public university units and 5 of the CSOs. While NAFPTA improved its' score marginally, the GNCFC and NAFAG were not able to improve their OCA scores compared to baseline. The analysis indicated that all 4 of the National Membership Associations still require significant additional improvement to have the adequate governance, financial systems, and essential structures in place to provide high quality and sustainable services to their constituents for implementing and sustaining fisheries management improvements.

It is significant to note that the National Membership Associations were added to the SFMP Organizational Capacity Development component of the project after their critical role as important organizational actors in the sector was understood. The shorter timeframe during which the project worked with them as well as other factors contribute to the low levels of progress documented. The OCA tools applied for the other CSOs were not well tailored to this type of membership association and the low level of organizational capacity at which these organizations started are two such factors. Another is the awareness raising that occurred during the OCA and OCD process. Organizational participants learned and changed their perspectives over the course of the process about what a strong and well-functioning organization entails. Thus, the final OCA scoring tended to result in lower scores on the organizational self-assessment part of the process for some components.

Despite these challenges, these organizations are now much more aware of the gaps between, a.) the role they envision for their organization in the sector and, b.) their organizational realities. As of the writing of this report and after the final OCA, the GNCFC seemed to be taking significant steps to act on implementation of its' constitutional reforms, including the creation of a democratically elected leadership structure through regional elections. Renewal of national level leadership by the elected regional leadership was expected to follow and is expected to result in a change for the first time in more than 20 years at the national level. Stakeholders are also hopeful that NAFAG is now in a position to move forward in a more representative and transparent manner following an unexpected vacancy in its' top leadership. SFMP organizational capacity assessment and development support has clearly been one of the catalysts for these nascent developments.

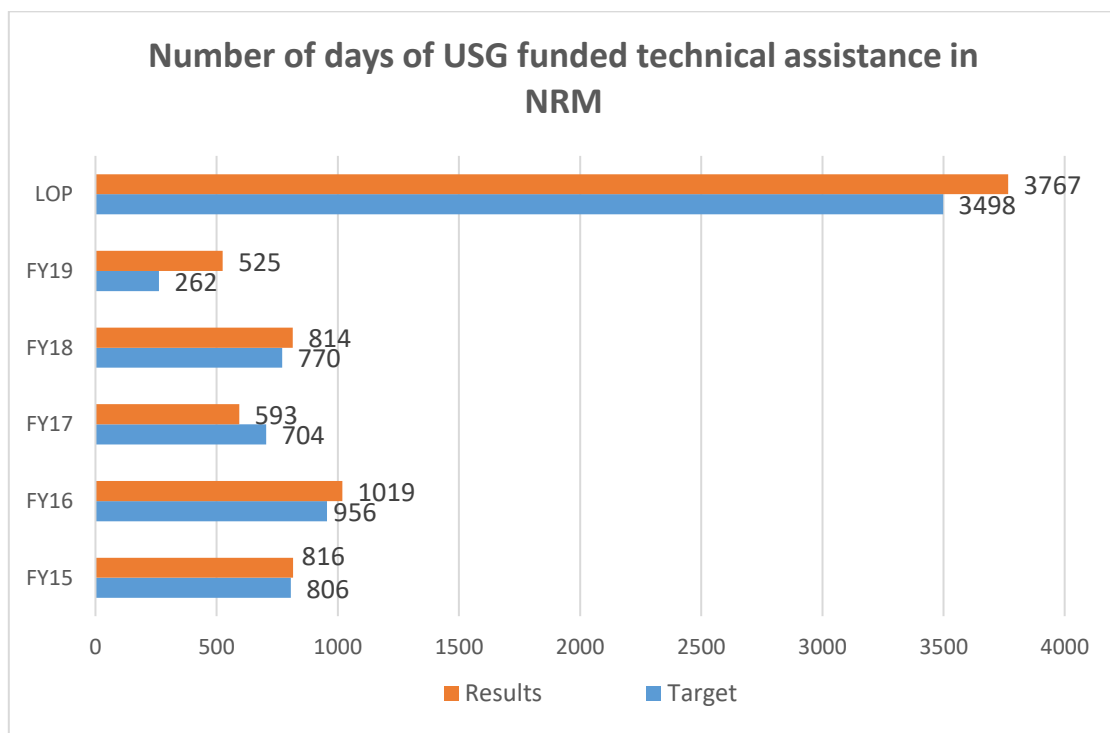
**Number of food security private enterprises (for profit), producer organizations, water user’s associations, women’s groups, trade and business associations, and community-based organizations (CBOs) receiving USG assistance (Project indicator 6)**

During the year under review, SFMP continued to provide support to three producer organizations representing 100% of the target. These 3 associations in Year 6 received various forms of assistance (e.g. capacity building). The organizations receiving assistance were: Development Action Association (DAA), Central and Western Fishmongers Association (CEWEFIA), National Fish Processors and Traders Association (NAFPTA). The LOP target of 6 has been 100% achieved and includes: National Fisheries Association of Ghana (NAFAG) and Ghana Industrial Trawlers Association (GITA), Development Action Association (DAA), Central and Western Fishmongers Association (CEWEFIA), National Fish Processors and Traders Association (NAFPTA) and Ghana National Canoe Fisherman Council (GNCFC).

**Cross Cutting Indicators**

**Number of days of USG funded technical assistance in NRM and/or biodiversity provided to counterparts or stakeholders (EG 4.8.1-28)**

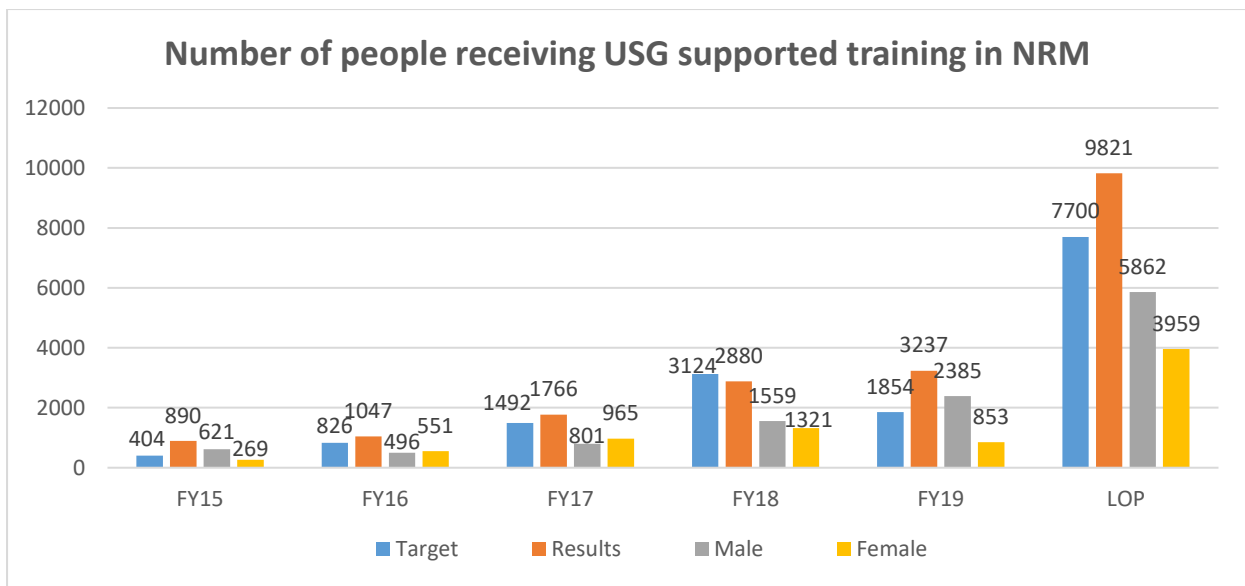
No additional targets or investments were planned for FY20. Cumulatively, 3,767 days representing 108% of the revised LOP target of 3,498 were spent by Technical Experts at various workshops, training events and technical advisory services in natural resources management (NRM) in the last five years. The chart below shows the number of days of used for technical assistance on a yearly basis.



**Figure 11: Number of days of international technical assistance in NRM on yearly basis**

**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)**

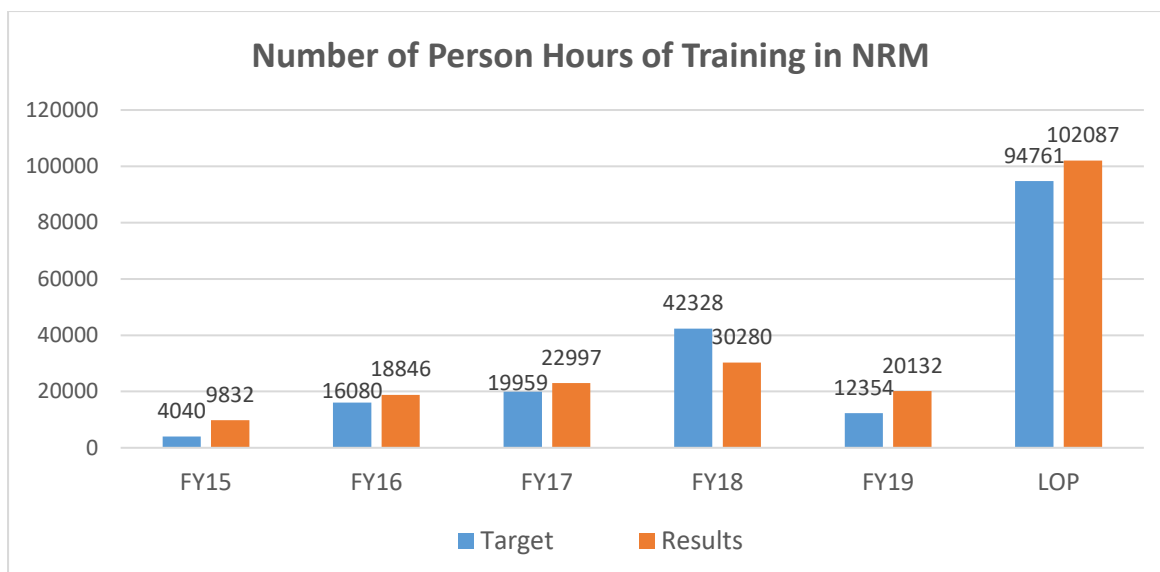
No additional targets or investments were planned for FY20. In FY 19, a total of 3,238 (74% men and 26% women) representing 175% of the revised LOP target received various forms of capacity building activities ranging from series of trainings in NRM. The yearly target was over-achieved as key activities such as the F2F dialogues attracted more people than anticipated for discussions on closed season and regarding the canoe registration. Cumulatively, 9,821 people (60% men and 40% females) received USG supported training in NRM, representing 128% of the revised LOP target of 7,700 people. The graph below shows the detailed results by year disaggregated by sex.



**Figure 12: Number of people receiving USG supported training in NRM**

**Number of person hours of training in natural resources management and/or biodiversity conservation supported by USG assistance (4.8.1-29)**

No additional targets or investments were planned for FY20. This indicator counts the number of USG support training hours that were completed by training participants in NRM. In year 5, the project recorded a total of 20,132 person hours representing 163% achievement of the FY19 target of 12,354. This target was over-achieved for the same reasons noted above for numbers of participants with a direct impact on the number of hours.



**Figure 13: Number of person hours of training in natural resources management**

**Number of individuals who have received USG-supported short-term agricultural sector productivity or food security training EG.3.2-1**

Cumulatively, the project over the five years has recorded a total of 102,087 person hours representing 108% of LOP target of 94,761 person hours.

No additional targets or investments were planned for FY20. This indicator counts the number of fishers and producers to whom significant knowledge or skills have been imparted through interactions that are intentional, structured and purposed for imparting knowledge or skills. In year 5, a total of 3,676 (2,439 men and 1,237 women) representing 144% of the yearly target of 2,554. The yearly target was over-achieved because some activities such as the F2F dialogues attracted more people than expected as well as the formation and training of MSMEs and VSLAs. Cumulatively, 10,632 individuals constituting of 4,963 (47%) males and 4,432 (53%) females received significant knowledge and skills through various forms of trainings representing 123% achievement of the revised LOP target.

**Number of individuals participating in USG food security programs (EG.3.2)**

The Cost Extension FY20 Workplan added this target due to FY20 target entered in FTFMS in FY19. This indicator counts participants of FtF funded programs, including those the project reaches directly, those reached as part of a deliberate service strategy, and those participating in the markets the project strengthens. Implementing partners track or estimate the number of individual participants across different interventions within their own projects and report numbers of participants reached. This indicator will also be reported under COV 2a and 3b. The FY 20 target of 550 was over-achieved by 278% because of VSLA trainings held in Q1 and Q2. In total, 1530 individuals (71 males, 1459 females) participated in various training programs.

**Number of service providers that receive training, technical assistance, or capacity building in victim-centered and trauma-informed services (PS.5.1-24)**

This indicator added in FY20 counts the number of service providers in anti-Child labor and trafficking receiving technical assistance and training. In FY 20 Anti-CLaT activities implemented



by DAA and CEWEFIA contributed to this indicator reaching 656 service providers for 98% achievement of the annual target of 670.

**Number of people trained in prevention (PS.5.3-15)**

This indicator added in FY20 counts the number of people trained in anti-Child labor and trafficking prevention. In FY 20 Anti-CLaT activities implemented by DAA and CEWEFIA contributed to this indicator reaching 296 people for 102% achievement of the annual target of 290.

**COVID 19 Indicators**

**Number of sites (landing beaches, processing centers or fish markets) obtaining hygiene equipment and supplies adhering to COVID-19 prevention protocols (Project indicator 7a)**

A total of 125 (51.5%) of the total 243 active sites to be served by the project obtained hygiene equipment, supplies, and adhered to COVID-19 prevention protocols for handwashing. This represents 89% of the FY20 target of 140. We were slightly short of full achievement of the target due to the challenges of rapid start-up of this new activity with procurement of equipment, confirmation of sites, identification and training of site advocates, and testing and administering phone polling mechanisms. Results on the indicator were documented by successful phone polling of 204 sites, with 51.5% scoring adequate on the 3 relevant phone poll questions. This percentage was applied to the total 243 sites served by the project. Due to phone polling technical and logistical challenges polling data for 39 of the 243 sites was not available. The phone poll results are as follows:

**Table 5: Number of sites (landing beaches, processing centers or fish markets) polled obtaining hygiene equipment and supplies adhering to COVID-19 prevention protocols (Project indicator 7a)**

<b>Rating</b>	<b>Frequency (of sites polled)</b>	<b>Percent (of sites polled)</b>
Adequate	105	51.5
Inadequate	99	48.5
Total	204	100.0

**Number of functional Social Media Groups established (Project indicator 7c)** A total of 20 social media groups with a total of 600 members were established in FY20. One message per week was sent to them for 5 weeks. Messaging started only in mid-September 2020. Approximately 80% of group members accessed these messages. These results indicate that going forward an increase in the number of messages communicated on these platforms per quarter will result in achievement of the targets as defined in the indicator (24 messages per group per quarter).

**Number of sites showing improvement in adherence to social distancing and other good practices (Project indicator 7b)**

There is no target for this indicator in FY20. The following data summarizes the baseline information to measure this indicator in FY21 collected so far. In FY21, additional polling of the remaining 39 sites to complete the total of 243 will be conducted, and subsequent regularly scheduled polls will be done to document the number of sites showing

improvement. The individual site data shown below will be used to compare to the next poll to show number of sites showing improvement throughout FY21.

**Table 6: Level of adherence of sites polled to social distancing and other good practices (0 – is no adherence, 4 is good adherence)**

Level of Adherence	Frequency of sites polled	Percent
0	69	33.8
1	34	16.7
2	47	23.0
3	15	7.4
4	39	19.1
Total	204	100.0

**Percentage of female participants in USG-assisted programs designed to increase access to productive economic resources (GNDR-2)**

In FY20, 1103 of the 1174 VSLA participants reported under Indicator EG.4.2-7 were women (94%). This indicator was added in Q4, so the result is reported in Q4. For FY 21, the target will be based on participants in COVID-19 livelihood grants. There is no VSLA-based FY21 target for this indicator

## ANNEX 2. TEAMS REPORT (previously TraiNet)

This report includes trainings conducted in the year under review and reported in the USAID Teams.

**Table 7: List of Trainings conducted in Year 6**

Program Name	Start Date	End Date	USA ID Budget (USD)	USAID Actual (USD)	Total Male Participants	Total Female Participants	Total Participants	USAID Budget Per Participants (USD)
<b>In-country short-term training</b>								
Train women on Class one certification and provide financial support, Elmina-CEWEFIA Y6Q1	11/21/2019	11/22/2019	279	279	0	15	15	19
VSLA Training on Financial literacy, leadership & advocacy, group dynamics & conflict resolution, entrepreneurship development & sustainable development, Tetegu-DAA Y6Q1	11/10/2019	11/11/2019	25	25	0	12	12	2
VSLA Training on women empowerment, Access to finance and Sustainable Fisheries, Entrepreneurship Development, Tsokomey, Bortianor, Oshie, Kokrobite-Y6Q1	11/26/2019	11/27/2019	108	108	3	109	112	1
VSLA Training on women empowerment, Access to finance and Sustainable Fisheries, Group Dynamics and Conflict resolution, Tsokomey, Bortianor, Oshie, Kokrobite- Y6Q1	11/19/2019	11/20/2019	108	108	2	112	114	1
Training and formation of VSLA groups in CEWEFIA target communities, Ekon, Komenda- CEWEFIA Y6Q1	11/4/2019	11/5/2019	295	295	2	94	96	3
Training on Fish handling packaging and preservation, Volta, Western, Central, Greater Accra- CRC Y6Q1	12/11/2019	12/12/2019	1578	1578	2	115	117	13
VSLA Training on women empowerment, Access to finance and Sustainable	11/24/2019	11/25/2019	25	25	0	12	12	2

<b>Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>USA ID Budget (USD)</b>	<b>USAID Actual (USD)</b>	<b>Total Male Participants</b>	<b>Total Female Participants</b>	<b>Total Participants</b>	<b>USAID Budget Per Participants (USD)</b>
Fisheries, Group Dynamics and Conflict resolution, Tetegu- CRC Y6Q1								
VSLA Training on women empowerment, Access to finance and Sustainable Fisheries, Leadership and Advocacy Skills, Tetegu- CRC Y6Q1	11/17/2019	11/18/2019	25	25	0	13	13	2
VSLA Training on women empowerment, Access to finance and Sustainable Fisheries, Leadership and Advocacy skills, Tsokomey, Bortianor, Oshie, Kokrobite- CRC Y6Q1	12/11/2019	12/12/2019	108	108	3	103	106	1
VSLA Training on women empowerment, Access to finance and Sustainable Fisheries, Financial Literacy, Tetegu- CRC Y6Q1	11/10/2019	11/11/2019	25	25	0	12	12	2
VSLA Training on women empowerment, Access to finance and Sustainable Fisheries, Entrepreneurship Development and Sustainable , Tetegu- CRC Y6Q1	12/1/2019	12/2/2019	25	25	0	12	12	2
Training in Business Development for MSMEs, Ekon, Komenda- CEWEFIA Y6Q1	11/4/2019	11/5/2019	5464	5464	4	141	145	38
VSLA Training on Financial literacy, leadership & advocacy, group dynamics & conflict resolution, entrepreneurship development & sustainable development, Tsokomey, Bortianor, Oshie, Kokrobite- DAA Y6Q1	11/5/2019	11/6/2019	109	109	3	112	115	1

<b>Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>USA ID Budget (USD)</b>	<b>USAID Actual (USD)</b>	<b>Total Male Participants</b>	<b>Total Female Participants</b>	<b>Total Participants</b>	<b>USAID Budget Per Participants (USD)</b>
Training on financial management, advocacy and leadership skills, Ekumfi Narkwa, Keta, Denu, Aflao - CRC Y6Q1	11/10/2019	11/11/2019	149	149	4	80	84	2
Training on Ahotor oven and maintenance, Narkwa Ekumfi- CRC Y6Q1	12/2/2019	12/3/2019	169	169	0	12	12	14
VSLA Training on women empowerment, Access to finance and Sustainable Fisheries, Financial Literacy, Tsokomey, Bortianor, Oshie, Kokrobite- CRC Y6Q1	11/5/2019	11/6/2019	108	108	3	111	114	1
Training of financial management, advocacy and leadership, Keta, Denu, Aflao, Ekumfi Narkwa- CRC Y6Q1	11/10/2019	11/11/2019	146	146	4	80	84	2
Training on women empowerment, Access to finance and Sustainable Fisheries, Ekon, Moree, Komenda, Anlo Beach - CEWEFIA Y6Q2	1/9/2020	1/10/2020	2137	2137	16	257	273	8
Training of enumerators for Women Learning Initiative Survey, Accra- CRC Y6Q2	1/16/2020	1/17/2020	1450	1450	7	9	16	91
Train and form VSLA groups in CEWEFIA target communities, Bronikrom- CEWEFIA Y6Q2	1/22/2020	1/23/2020	164	164	25	57	82	2
Training for IP M&E Officers for COVID-19 Intervention-CRC	6/18/2020	6/19/2020	3640	3640	7	18	25	146
Training for enumerators on phone polling Y6Q4	9/15/2020	9/16/2020	137	137	5	1	6	23
Training of Site Advocates, DAA Y6QQ4	7/21/2020	7/22/2020	877	877	20	17	37	24
Training of site advocates, Hen Mpoano Y6Q4	8/20/2020	8/21/2020	2049	2049	49	12	61	34
Training of site advocates, FON Y6Q4	7/24/2020	7/25/2020	2722	2722	59	17	76	36

<b>Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>USA ID Budget (USD)</b>	<b>USAID Actual (USD)</b>	<b>Total Male Participants</b>	<b>Total Female Participants</b>	<b>Total Participants</b>	<b>USAID Budget Per Participants (USD)</b>
Training of site advocates, CEWEFIA Y6Q4	7/9/2020	7/10/2020	2179	2179	53	23	76	29
Training for site advocates, GNCFC, Y6Q4	8/11/2020	8/12/2020	233	233	6	2	8	29
Training for enumerators on Kobo Toolbox	9/24/2020	9/25/2020	103	103	5	1	6	17
<b>Grand Total for All Trainings</b>			<b>24,444</b>	<b>24,444</b>	<b>282</b>	<b>1559</b>	<b>1841</b>	<b>545</b>

## ANNEX 3. FISHERIES STORIES REPORTED IN THE LOCAL MEDIA

**Table 8: List of Fisheries Stories in the Media Through September 30, 2020**

PLATFORM/ MEDIA HOUSE	SEGMENT/ TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
1. GhanaWeb	News Item	Government pays for 10 landing beaches projects <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Government-pays-for-10-landing-beaches-projects-786312#">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Government-pays-for-10-landing-beaches-projects-786312#</a>	4th October 2019
2. Graphic Online	News Item	Govt pays for 10 landing beaches projects <a href="https://www.graphic.com.gh/news/general-news/govt-pays-for-10-landing-beaches-projects.html">https://www.graphic.com.gh/news/general-news/govt-pays-for-10-landing-beaches-projects.html</a>	4th October, 2019
3. GhanaWeb	News Item	Fish farmers attempt to beat EU standard with FAO's improved method <a href="https://www.ghanaweb.com/GhanaHomePage/business/Fish-farmers-attempt-to-beat-EU-standard-with-FAO-s-improved-method-786703">https://www.ghanaweb.com/GhanaHomePage/business/Fish-farmers-attempt-to-beat-EU-standard-with-FAO-s-improved-method-786703</a>	6th October, 2019
4. Ghanaweb	News Item	Program to clean the coast of all beaches launched <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Program-to-clean-the-coast-of-all-beaches-launched-787684">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Program-to-clean-the-coast-of-all-beaches-launched-787684</a>	10th October 2019
5. Ghanaweb	News Item	Volta Regional Canoe Fishermen delegates conference ends at Keta <a href="https://www.ghanaweb.com/GhanaHomePage/business/Volta-Regional-Canoe-Fishermen-delegates-conference-ends-at-Keta-787719">https://www.ghanaweb.com/GhanaHomePage/business/Volta-Regional-Canoe-Fishermen-delegates-conference-ends-at-Keta-787719</a>	10th October 2019
6. Newsghana.com	News Item	Volta Regional Canoe Fishermen Delegates Conference ends at Keta <a href="https://www.newsghana.com.gh/volta-regional-canoe-fishermen-delegates-conference-ends-at-keta/">https://www.newsghana.com.gh/volta-regional-canoe-fishermen-delegates-conference-ends-at-keta/</a>	10th October, 2019
7. Newssummedup.com	News Item	Volta Regional Canoe Fishermen Delegates Conference ends at Keta <a href="https://newssummedup.com/summary/Volta-Regional-Canoe-Fishermen-delegates-conference-ends-at-Keta-ddqfci">https://newssummedup.com/summary/Volta-Regional-Canoe-Fishermen-delegates-conference-ends-at-Keta-ddqfci</a>	10th October 2019
8. Ghana news agency	News Item	Volta Regional Canoe Fishermen Delegates Conference ends at Keta <a href="https://ghananewsagency.org/social/volta-regional-canoe-fishermen-delegates-conference-ends-at-keta-157662">https://ghananewsagency.org/social/volta-regional-canoe-fishermen-delegates-conference-ends-at-keta-157662</a>	9th October, 2019
9. Starrfm.com	News Item	Fishing trawler caught on Ghanaian sea; fined \$1m <a href="https://starrfm.com.gh/2019/10/fishing-trawler-caught-on-ghanaian-sea-fined-1m/">https://starrfm.com.gh/2019/10/fishing-trawler-caught-on-ghanaian-sea-fined-1m/</a>	10th October, 2019
10. Myjoyonline.com	News Item	Chinese trawler fined \$1m for fishing with illegal nets in Ghana <a href="https://www.myjoyonline.com/news/2019/October-14th/chinese-trawler-fined-1m-for-fishing-with-illegal-nets-in-ghana.php">https://www.myjoyonline.com/news/2019/October-14th/chinese-trawler-fined-1m-for-fishing-with-illegal-nets-in-ghana.php</a>	14th October, 2019
11. Ghanadailies.com	News Item	Fishing trawler caught on Ghanaian seas; fined \$1M <a href="http://www.ghanadailies.com/tag/fishing-trawler-caught-on-ghanaian-sea-fined-1m/">http://www.ghanadailies.com/tag/fishing-trawler-caught-on-ghanaian-sea-fined-1m/</a>	11th October, 2019
12. TV3	News Item	Company fined over \$1m for engaging in illegal fishing <a href="https://3news.com/company-fined-over-1m-for-engaging-in-illegal-fishing/">https://3news.com/company-fined-over-1m-for-engaging-in-illegal-fishing/</a>	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 <a href="http://www.ghanaiantimes.com.gh/war-against-illegal-fishing-at-sea-trawler-slapped-with-1m-fine-to-pay-additional-gh%C2%A2124000-penalty/">http://www.ghanaiantimes.com.gh/war-against-illegal-fishing-at-sea-trawler-slapped-with-1m-fine-to-pay-additional-gh%C2%A2124000-penalty/</a>	October 23, 2019
14. Ghanaweb	News Item	Chinese trawler fined \$1m for fishing with illegal nets in Ghana	15 October 2019

PLATFORM/ MEDIA HOUSE	SEGMENT/ TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
		<a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Chinese-trawler-fined-1m-for-fishing-with-illegal-nets-in-Ghana-789115">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Chinese-trawler-fined-1m-for-fishing-with-illegal-nets-in-Ghana-789115</a>	
15.	Myjoyonline.com	News Item West Africa fishing communities receive FAO training in new fish smoking technique <a href="https://www.myjoyonline.com/business/2019/October-9th/west-africa-fishing-communities-receive-fao-training-in-new-fish-smoking-technique.php">https://www.myjoyonline.com/business/2019/October-9th/west-africa-fishing-communities-receive-fao-training-in-new-fish-smoking-technique.php</a>	9 <sup>th</sup> October 2019
16.	Gh headlines.com	News Item Company fined over \$1m for engaging in illegal fishing <a href="http://ghheadlines.com/agency/3news/20191010/131863830/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</a>	10 <sup>th</sup> October, 2019
17.	Citi Tv	News Item Ghanaian fishing vessel operated by Chinese fined \$1million for illegal activities <a href="https://www.youtube.com/watch?v=VF5J1FzDeo0">https://www.youtube.com/watch?v=VF5J1FzDeo0</a>	October 11, 2019
18.	Citi Fm	News item Ghanaian fishing vessel operated by Chinese fined \$1million for illegal activities <a href="https://www.facebook.com/citi973/videos/ghanaian-fishing-vessel-operated-by-chinese-fined-1million-for-illegal-activitie/410078439708148/">https://www.facebook.com/citi973/videos/ghanaian-fishing-vessel-operated-by-chinese-fined-1million-for-illegal-activitie/410078439708148/</a>	October 12, 2019
19.	Myjoyonline.com	News item Chinese trawler fined \$1m: EU praises Ghana government <a href="https://www.myjoyonline.com/news/2019/October-17th/chinese-trawler-fined-1m-eu-praises-ghana-government.php">https://www.myjoyonline.com/news/2019/October-17th/chinese-trawler-fined-1m-eu-praises-ghana-government.php</a>	17 <sup>th</sup> October 2019
20.	Ghana News Agency	News Item Robust and transparent enforcement needed to end saiko- EU <a href="https://ghananewsagency.org/social/robust-and-transparent-enforcement-measures-needed-to-end-saiko-eu-158139">https://ghananewsagency.org/social/robust-and-transparent-enforcement-measures-needed-to-end-saiko-eu-158139</a>	17 <sup>th</sup> October, 2019
21.	Ghanaweb	News Item Robust and transparent enforcement needed to end saiko- EU <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Robust-and-transparent-enforcement-measures-needed-to-end-Saiko-EU-790540">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Robust-and-transparent-enforcement-measures-needed-to-end-Saiko-EU-790540</a>	18 October 2019
22.	Graphic Online	News Item Rawlings applauds \$1m penalty against fishing company <a href="https://www.graphic.com.gh/news/general-news/rawlings-applauds-1m-penalty-against-fishing-company.html">https://www.graphic.com.gh/news/general-news/rawlings-applauds-1m-penalty-against-fishing-company.html</a>	October 23 , 2019
23.	UTV	News Item Rawlings applauds \$1m penalty against Chinese fishing firm <a href="https://utv.peacefmonline.com/pages/videos/201910/13080.php">https://utv.peacefmonline.com/pages/videos/201910/13080.php</a>	24 <sup>th</sup> October 2019
24.	Ayekoo.com	News Item Rawlings applauds \$1m penalty against Chinese fishing firm <a href="https://news.ayekoo.com/1.15106552">https://news.ayekoo.com/1.15106552</a>	October 24, 2019
25.	Peacefmonline.com	News Item Rawlings applauds \$1m penalty against fishing company <a href="https://mypeacefm.com/rawlings-applauds-1m-penalty-against-fishing-company/">https://mypeacefm.com/rawlings-applauds-1m-penalty-against-fishing-company/</a>	October 24, 2019
26.	Omanghnews.com	News Item Rawlings applauds \$1m penalty against fishing company <a href="https://omanghnews.com/rawlings-applauds-1m-penalty-against-fishing-company/">https://omanghnews.com/rawlings-applauds-1m-penalty-against-fishing-company/</a>	October 24, 2019
27.	Ghanaweb	News Item Angry Speaker suspends sitting over Fisheries minister's absence <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Angry-Speaker-suspends-sitting-over-Fisheries-minister-s-absence-792871">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Angry-Speaker-suspends-sitting-over-Fisheries-minister-s-absence-792871</a>	24 October 2019
28.	Modernghana.com	News Item Parliament Suspends Sitting Over Fisheries Minister's Absence <a href="https://www.modernghana.com/news/963369/parliament-suspends-sitting-over-fisheries-ministe.html">https://www.modernghana.com/news/963369/parliament-suspends-sitting-over-fisheries-ministe.html</a>	24 <sup>th</sup> October, 2019
29.	Myjoyonline.com	News Item Parliament suspends sitting to 'chase' Deputy Fisheries Minister	4 <sup>th</sup> October, 2019



PLATFORM/ MEDIA HOUSE	SEGMENT/ TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
		<a href="https://www.myjoyonline.com/politics/2019/October-24th/parliament-suspends-sitting-to-chase-deputy-fisheries-minister.php">https://www.myjoyonline.com/politics/2019/October-24th/parliament-suspends-sitting-to-chase-deputy-fisheries-minister.php</a>	
30.	Peacefmonline.com	News Item Fisheries Minister's absence forces Parliament to suspend sitting <a href="https://www.peacefmonline.com/pages/videos/201910/13134.php">https://www.peacefmonline.com/pages/videos/201910/13134.php</a>	24th October 2019
31.	Ghanaweb	News Item Moshake appeals to Akufo-Addo to fix Premix-fuel shortage <a href="https://www.ghanaweb.com/GhanaHomePage/business/Moshake-appeals-to-Akufo-Addo-to-fix-Premix-fuel-shortage-793460">https://www.ghanaweb.com/GhanaHomePage/business/Moshake-appeals-to-Akufo-Addo-to-fix-Premix-fuel-shortage-793460</a>	26 <sup>th</sup> October 2019
32.	Ghana Guardian	News Item Work on Keta Landing Beach to start in November <a href="https://ghanaguardian.wordpress.com/2019/10/26/work-on-keta-landing-beach-to-start-in-november/">https://ghanaguardian.wordpress.com/2019/10/26/work-on-keta-landing-beach-to-start-in-november/</a>	26 <sup>th</sup> October, 2019
33.	The Chronicle	News Item Fishermen defying order not to fish @ Akosombo Dam spillway <a href="http://thechronicle.com.gh/index.php/2019/10/30/fishermen-defiling-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/</a>	October 30, 2019
34.	The Independent Ghana	News Item Tema fishermen disagree on significance of flags on canoes <a href="https://theindependentghana.com/tema-fishermen-disagree-on-significance-of-flags-on-canoes/">https://theindependentghana.com/tema-fishermen-disagree-on-significance-of-flags-on-canoes/</a>	October 31st, 2019
35.	Starrfmonline.com	News Item W/R: Huge mammal washed ashore <a href="https://starrfm.com.gh/2019/10/w-r-huge-mammal-washed-ashore/">https://starrfm.com.gh/2019/10/w-r-huge-mammal-washed-ashore/</a>	October 31st, 2019
36.	UTV	News Item Huge mammal washed ashore in Western Region <a href="https://www.youtube.com/watch?v=v7w-iGJRITI">https://www.youtube.com/watch?v=v7w-iGJRITI</a>	November 1, 2019
37.	Ghanaweb	News Item Kedzikope residents wage war on illegal fishing <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Kedzikope-residents-wage-war-on-illegal-fishing-797313">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Kedzikope-residents-wage-war-on-illegal-fishing-797313</a>	8 November 2019
38.	Ghana News Agency	News Item Ten fishermen rescued after boat capsized <a href="https://ghananewsagency.org/social/ten-fishermen-rescued-after-boat-capsized-159867">https://ghananewsagency.org/social/ten-fishermen-rescued-after-boat-capsized-159867</a>	16 <sup>th</sup> November, 2019
39.	The Guardian	News Item The vanishing: Ghana's defenders face new perils in fight against overfishing <a href="https://www.theguardian.com/environment/2019/nov/16/ghana-fisheries-observer-vanishes">https://www.theguardian.com/environment/2019/nov/16/ghana-fisheries-observer-vanishes</a>	16 <sup>th</sup> 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" <a href="https://www.abcnewsgh.com/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/</a>	18 <sup>th</sup> November, 2019
41.	Ghana News Agency	News Item There's no salmon "fish" in Ghana- Fisheries scientist <a href="https://ghananewsagency.org/social/there-is-no-salmon-fish-in-ghana-fisheries-scientist-159889">https://ghananewsagency.org/social/there-is-no-salmon-fish-in-ghana-fisheries-scientist-159889</a>	16 <sup>th</sup> November, 2019
42.	Graphic Online	News Item Closed Fishing season for all fleets same time not possible — Fisheries Commission <a href="https://www.graphic.com.gh/news/general-news/ghana-news-closed-fishing-season-for-all-fleets-same-time-not-possible-fisheries-commission.html">https://www.graphic.com.gh/news/general-news/ghana-news-closed-fishing-season-for-all-fleets-same-time-not-possible-fisheries-commission.html</a>	November 18 , 2019
43.	Ghana News Agency	News Item Anomabo fisheries college to open next academic year <a href="https://ghananewsagency.org/social/anomabo-fisheries-college-to-open-next-academic-year-159916">https://ghananewsagency.org/social/anomabo-fisheries-college-to-open-next-academic-year-159916</a>	17 <sup>th</sup> , November, 2019
44.	Daily Graphic	Opinion by G.D. Zaney, Esq. Using Fisheries Act to arrest decline. Education on the law is key	18 <sup>th</sup> November, 2019

PLATFORM/ MEDIA HOUSE		SEGMENT/ TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
45.	Afropages	News Story	Fisheries Minister Trains Journalists on Fisheries Reporting <a href="https://en.afropages.fr/african-press/148-modern-ghana/692010-fisheries-minister-train-journalists-on-fisheries-reporting">https://en.afropages.fr/african-press/148-modern-ghana/692010-fisheries-minister-train-journalists-on-fisheries-reporting</a>	19 <sup>th</sup> November 2019
46.	Ghanaweb	New Story	Fisheries Minister trains journalists in fisheries reportage <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Fisheries-Minister-trains-journalists-in-fisheries-reportage-800227">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Fisheries-Minister-trains-journalists-in-fisheries-reportage-800227</a>	18 November 2019
47.	Dailyguidenetwork.com	New Story	Bumper Fish Harvest in The Offing – Deputy Minister <a href="https://dailyguidenetwork.com/bumper-fish-harvest-in-the-offing-deputy-minister/">https://dailyguidenetwork.com/bumper-fish-harvest-in-the-offing-deputy-minister/</a>	November 21, 2019
48.	GhanaWeb	News Story	Bumper fish harvest in the offing – Deputy Minister <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Bumper-fish-harvest-in-the-offing-Deputy-Minister-801096">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Bumper-fish-harvest-in-the-offing-Deputy-Minister-801096</a>	21st November 2019
49.	Ava 360 news	News Story	World Fisheries Day- News Desk on JoyNews (21-11-19) <a href="https://news.ava360.com/world-fisheries-day-news-desk-on-joynews-21-11-19_0d11b5e7f.html">https://news.ava360.com/world-fisheries-day-news-desk-on-joynews-21-11-19_0d11b5e7f.html</a>	21 <sup>st</sup> November, 2019
50.	GhanaWeb	News Story	Government not selling premix fuel on party lines – Deputy Fisheries Minister <a href="https://www.ghanaweb.com/GhanaHomePage/business/Government-not-selling-premix-fuel-on-party-lines-Deputy-Fisheries-Minister-801705">https://www.ghanaweb.com/GhanaHomePage/business/Government-not-selling-premix-fuel-on-party-lines-Deputy-Fisheries-Minister-801705</a>	23rd November 2019
51.	Myjoyonline.com	News Story	Find missing Fisheries Observer – GNCFC tells gov't <a href="https://www.myjoyonline.com/news/2019/November-25th/find-missing-fisheries-observer-gncfc-tells-govt.php">https://www.myjoyonline.com/news/2019/November-25th/find-missing-fisheries-observer-gncfc-tells-govt.php</a>	25 <sup>th</sup> ,November 2019
52.	GhanaWeb	News Item	Stop light fishing – Akufo-Addo appeals to fishermen in Ga Mashie <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Stop-light-fishing-Akufo-Addo-appeals-to-fishermen-in-Ga-Mashie-804902">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Stop-light-fishing-Akufo-Addo-appeals-to-fishermen-in-Ga-Mashie-804902</a>	3 <sup>rd</sup> December 2019
53.	Starr Fm	News Story	Stop Light fishing – Akufo-Addo appeals to Ga Mashie fishermen <a href="https://starrfm.com.gh/2019/12/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/</a>	December 3, 2019
54.	Ghanadailies.com	News Item	Stop Light fishing – Akufo-Addo appeals to Ga Mashie fishermen <a href="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-nce-programme/">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-nce-programme/</a>	December 3, 2019
55.	Business Ghana.com	News Item	Stop negative fishing practices - President <a href="http://www.businessghana.com/site/news/general/201828/Stop-negative-fishing-practices-President">http://www.businessghana.com/site/news/general/201828/Stop-negative-fishing-practices-President</a>	5 <sup>th</sup> December,2019
56.	24 Ghana	News Item	I Beg You, Stop Light Fishing – Akufo-Addo To Ga Mashie Fishermen <a href="http://www.24ghana.com/national/i-beg-you-stop-light-fishing-akufo-addo-to-ga-mashie-fishermen/111538-news">http://www.24ghana.com/national/i-beg-you-stop-light-fishing-akufo-addo-to-ga-mashie-fishermen/111538-news</a>	December 03, 2019
57.	The Independent	News Item	Loans for women in fishing ready – Government <a href="https://theindependentghana.com/loans-for-women-in-fishing-ready-government/">https://theindependentghana.com/loans-for-women-in-fishing-ready-government/</a>	December 4th, 2019
58.	Myjoyonline.com	News Item	Over 6,000 outboard motors, fishing gear for fisherfolk <a href="https://www.myjoyonline.com/news/2019/December-3rd/over-6000-outboard-motors-fishing-gear-for-fisherfolk.php">https://www.myjoyonline.com/news/2019/December-3rd/over-6000-outboard-motors-fishing-gear-for-fisherfolk.php</a>	03 December,2019
59.	Classfmonline	News Item	Wulomei asking for fishing ban extension – Akufo-Addo <a href="https://mobile.classfmonline.com/news/general/Wulomei-asking-for-fishing-ban-extension-Akufo-Addo-8655">https://mobile.classfmonline.com/news/general/Wulomei-asking-for-fishing-ban-extension-Akufo-Addo-8655</a>	<a href="#">December 03, 2019</a>

PLATFORM/ MEDIA HOUSE		SEGMENT/ TYPE	TOPIC/ISSUE/LINK	DATE OF PUBLICATION
60.	Peace Fm	News Item	Jubilant Traders, Fishermen Hail Nana in Accra <a href="https://m.peacefmonline.com/pages/local/news/201912/396902.php">https://m.peacefmonline.com/pages/local/news/201912/396902.php</a>	04 December 2019
61.	Graphic.com	News Item	Govt spends GH¢373.9m on premix fuel subsidy <a href="https://www.graphic.com.gh/business/business-news/ghana-news-govt-spends-gh-373-9m-on-premix-fuel-subsidy.html">https://www.graphic.com.gh/business/business-news/ghana-news-govt-spends-gh-373-9m-on-premix-fuel-subsidy.html</a>	December 04 , 2019
62.	Ghana news online	News Item	Expenditure targets in premix fuel unmet <a href="https://ghananewsonline.com.gh/expenditure-targets-in-premix-fuel-unmet/">https://ghananewsonline.com.gh/expenditure-targets-in-premix-fuel-unmet/</a>	4 <sup>th</sup> December, 2019
63.	Yen.com.gh	News Item	Photos drop as fisherman sweeps fresh fish to be sold with broom <a href="https://yen.com.gh/139859-photos-drop-fisherman-sweeps-fresh-fish-sold-broom.html">https://yen.com.gh/139859-photos-drop-fisherman-sweeps-fresh-fish-sold-broom.html</a>	5 <sup>th</sup> December, 2019
64.	Myjoyonline.com	News Item	Photo of the Week: They will find their way onto your dinner tables <a href="https://www.myjoyonline.com/news/2019/December-4th/photo-of-the-week-they-will-find-their-way-onto-your-dinner-tables.php">https://www.myjoyonline.com/news/2019/December-4th/photo-of-the-week-they-will-find-their-way-onto-your-dinner-tables.php</a>	4 <sup>th</sup> December, 2019
65.	Peace Fm	News Item	Gov't Urged to Place Electronic Monitoring Systems on Fishing Vessels <a href="https://www.peacefmonline.com/pages/local/news/201912/397077.php">https://www.peacefmonline.com/pages/local/news/201912/397077.php</a>	December 8, 2019
66.	News Ghana	News Item	Government urged to place electronic monitoring systems on fishing vessels <a href="https://newsghana.com.gh/government-urged-to-place-electronic-monitoring-systems-on-fishing-vessels/">https://newsghana.com.gh/government-urged-to-place-electronic-monitoring-systems-on-fishing-vessels/</a>	December 7, 2019
67.	Graphic.com	News Item	Construction of Jamestown Fishing Harbour to begin January 2020 - Adjei Sowah <a href="https://www.graphic.com.gh/news/general-news/construction-of-jamestown-fishing-habour-to-begin-january-2020-adjei-sowah.html">https://www.graphic.com.gh/news/general-news/construction-of-jamestown-fishing-habour-to-begin-january-2020-adjei-sowah.html</a>	December 06 , 2019
68.	December 05, 2019	News Item	Cold stores now overflowing with bumper fish harvest – Gov't <a href="http://cmonline.com.gh/cold-stores-now-overflowing-with-bumper-fish-harvest-govt/">http://cmonline.com.gh/cold-stores-now-overflowing-with-bumper-fish-harvest-govt/</a>	December 5, 2019
69.	Ghana web	News Item	Cold stores now overflowing with bumper fish harvest – Gov't <a href="https://www.ghanaweb.com/GhanaHomePage/business/Cold-stores-now-overflowing-with-bumper-fish-harvest-Gov-t-805975">https://www.ghanaweb.com/GhanaHomePage/business/Cold-stores-now-overflowing-with-bumper-fish-harvest-Gov-t-805975</a>	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 <a href="https://www.facebook.com/Peace104.3FM/videos/981254488897557/">https://www.facebook.com/Peace104.3FM/videos/981254488897557/</a>	December 11, 2019
72.	Adoanewsonline.com	News Item	Canoe registry to be developed for marine fisheries <a href="https://adoanewsonline.com/2019/12/11/canoe-registry-to-be-developed-for-marine-fisheries/">https://adoanewsonline.com/2019/12/11/canoe-registry-to-be-developed-for-marine-fisheries/</a>	December 11, 2019
73.	GhanaWeb	News Item	Govt to introduce Canoe Identification Card to curb premix fuel diversion <a href="https://www.ghanaweb.com/GhanaHomePage/business/Govt-to-introduce-Canoe-Identification-Card-to-curb-premix-fuel-diversion-812467?channel=D2">https://www.ghanaweb.com/GhanaHomePage/business/Govt-to-introduce-Canoe-Identification-Card-to-curb-premix-fuel-diversion-812467?channel=D2</a>	11 <sup>th</sup> December 2019
74.	Ghana News Agency	News Item	Ministry of Fisheries Launches Canoe Identification Card <a href="https://ghananewsagency.org/social/ministry-of-fisheries-launches-canoe-identification-card-161118">https://ghananewsagency.org/social/ministry-of-fisheries-launches-canoe-identification-card-161118</a>	December 11, 2019

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75.	The vaultzmag.com	News Item	Canoe Identification Card Launched. <a href="https://thevaultzmag.com/index.php/vaultz-daily-brief/canoe-identification-card-launched">https://thevaultzmag.com/index.php/vaultz-daily-brief/canoe-identification-card-launched</a>	December 12, 2019
76.	Livestock and fisheries chamber	News Item	Ministry of Fisheries launches Canoe Identification Card <a href="https://livestockandfisherieschamber.com/ministry-of-fisheries-launches-canoe-identification-card/">https://livestockandfisherieschamber.com/ministry-of-fisheries-launches-canoe-identification-card/</a>	December 12 2019
77.	Gh headlines.com	News Item	Ministry of Fisheries launches Canoe Identification Card <a href="http://www.ghheadlines.com/agency/ghana-business-news/20191212/133098403/ministry-of-fisheries-launches-canoe-identification-card">http://www.ghheadlines.com/agency/ghana-business-news/20191212/133098403/ministry-of-fisheries-launches-canoe-identification-card</a>	December 12, 2019
78.	Fisheries and Livestock Chamber	News Item	Govt to introduce Canoe Identification Card to curb premix fuel diversion <a href="http://www.ghheadlines.com/agency/ghana-web-/20191211/133081911/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</a>	December 12, 2019
79.	Myjoyonline.com	News Item	Ministry of Fisheries launches Canoe Identification Card <a href="http://www.myjoyonline.com/news/2019/December-12th/ministry-of-fisheries-launches-canoe-identification-card.php">http://www.myjoyonline.com/news/2019/December-12th/ministry-of-fisheries-launches-canoe-identification-card.php</a>	December 12,2019
80.	Citinewsroom.com	News Item	Government to introduce canoe identification card to curb premix fuel diversion <a href="https://citinewsroom.com/2019/12/govt-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/</a>	December 11, 2019
81.	Graphiic.com	News Item	Closed fishing season to be extended — Fisheries Ministry <a href="https://www.graphic.com.gh/news/general-news/closed-fishing-season-to-be-extended-fisheries-ministry.html">https://www.graphic.com.gh/news/general-news/closed-fishing-season-to-be-extended-fisheries-ministry.html</a>	December 12 , 2019
82.	Citinewsroom	News Item	Ban “Saiko” fishing now- Canoe fishermen to government <a href="https://citinewsroom.com/2019/12/ban-saiko-fishing-now-canoe-fishermen-to-govt/">https://citinewsroom.com/2019/12/ban-saiko-fishing-now-canoe-fishermen-to-govt/</a>	December 11, 2019
83.	YouTube Page	News Item	Ghana canoe ID card launched <a href="https://www.youtube.com/watch?v=gie4U18BMW0&amp;feature=youtu.be">https://www.youtube.com/watch?v=gie4U18BMW0&amp;feature=youtu.be</a>	December 12, 2019
84.	JoyNews	News Item	Artisanal fishing- Fisheries Ministry launches Canoe Identification System for effective management of sector <a href="https://www.facebook.com/JoyNewsOnTV/videos/460797167973799?vh=e&amp;d=n&amp;sfns=mo">https://www.facebook.com/JoyNewsOnTV/videos/460797167973799?vh=e&amp;d=n&amp;sfns=mo</a>	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 <a href="https://www.facebook.com/626765541079304/posts/792007344555122?vh=e&amp;d=n&amp;sfns=mo">https://www.facebook.com/626765541079304/posts/792007344555122?vh=e&amp;d=n&amp;sfns=mo</a>	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 <a href="https://www.facebook.com/626765541079304/posts/792028881219635?vh=e&amp;d=n&amp;sfns=mo">https://www.facebook.com/626765541079304/posts/792028881219635?vh=e&amp;d=n&amp;sfns=mo</a>	December 10, 2109
89.	Ghana Web	News Item	Ghanaians to blame for illegal fishing activities, not foreigners – Nii Lante Bannerman <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Ghanaians-to-blame-for-illegal-fishing-activities-not-foreigners-Nii-Lante-Bannerman-814420?channel=D2">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Ghanaians-to-blame-for-illegal-fishing-activities-not-foreigners-Nii-Lante-Bannerman-814420?channel=D2</a>	December 13 2019

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90.	Ghana Districts.com	News Item	MoFAD launches Canoe Identification Cards <a href="http://ghanadistricts.com/Home/Reader/e35ca8c-785c-4f7f-89">http://ghanadistricts.com/Home/Reader/e35ca8c-785c-4f7f-89</a>	December 12 2019
91.	Citi Newsroom	News Item	Ghanaians to blame for illegal fishing activities, not foreigners- Nii Lante Bannerman <a href="https://citinewsroom.com/2019/12/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/</a>	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 Card <a href="https://youtu.be/gie4U18BMW0">https://youtu.be/gie4U18BMW0</a>	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 <a href="https://www.atinkaonline.com/fm/fisheries-ministry-usaid-launch-canoe-identification-card-system/">https://www.atinkaonline.com/fm/fisheries-ministry-usaid-launch-canoe-identification-card-system/</a>	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
101.	Ghanaweb	News Item	We're considering calls for extension of closed fishing season – Afoley Quaye <a href="https://mobile.ghanaweb.com/GhanaHomePage/NewsArchive/We-re-considering-calls-for-extension-of-closed-fishing-season-Afoley-Quaye-828661?channel=D2">https://mobile.ghanaweb.com/GhanaHomePage/NewsArchive/We-re-considering-calls-for-extension-of-closed-fishing-season-Afoley-Quaye-828661?channel=D2</a>	January 02, 2020
102.	GhanaWeb	News Item	Fisheries Commission urged to reduce 500% increase in fishing license fee <a href="https://www.ghanaweb.com/GhanaHomePage/business/Fisheries-Commission-urged-to-reduce-500-increase-in-fishing-license-fee-828235">https://www.ghanaweb.com/GhanaHomePage/business/Fisheries-Commission-urged-to-reduce-500-increase-in-fishing-license-fee-828235</a>	January 03, 2020
103.	Ghanaweb	News Item	Meet the three generations of fishmongers selling fresh fish for the past 48 years <a href="https://mobile.ghanaweb.com/GhanaHomePage/business/Meet-the-three-generations-of-fishmongers-selling-fresh-fish-for-the-past-48-years-830308?channel=D2">https://mobile.ghanaweb.com/GhanaHomePage/business/Meet-the-three-generations-of-fishmongers-selling-fresh-fish-for-the-past-48-years-830308?channel=D2</a>	January 04, 2020
104.	Ghanaweb	News Item	Fisherman counts losses after premix fuel explosion <a href="https://mobile.ghanaweb.com/GhanaHomePage/business/Fisherman-counts-losses-after-premix-fuel-explosion-831160?channel=D2">https://mobile.ghanaweb.com/GhanaHomePage/business/Fisherman-counts-losses-after-premix-fuel-explosion-831160?channel=D2</a>	January 7, 2020
105.	Ghanaweb	News Item	Sekondi fishermen pray for supply of Premix fuel <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Sekondi-fishermen-pray-for-supply-of-Premix-fuel-833770">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Sekondi-fishermen-pray-for-supply-of-Premix-fuel-833770</a>	January 10 2020
106.	GhanaWeb	News Item	Chinese fishing trawler fails to pay US\$1m fine <a href="https://mobile.ghanaweb.com/GhanaHomePage/business/Chinese-fishing-trawler-fails-to-pay-US-1m-fine-839527?channel=D2">https://mobile.ghanaweb.com/GhanaHomePage/business/Chinese-fishing-trawler-fails-to-pay-US-1m-fine-839527?channel=D2</a>	January 11, 2020
107.	GhanaWeb	News Item	'Timing for new voters' register will not favour fishermen'	January 13, 2020

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		<a href="https://mobile.ghanaweb.com/GhanaHomePage/NewsArchive/Timing-for-new-voters-register-will-not-favour-fishermen-846550?channel=D2">https://mobile.ghanaweb.com/GhanaHomePage/NewsArchive/Timing-for-new-voters-register-will-not-favour-fishermen-846550?channel=D2</a>	
108.	GhanaWeb	News Item Trawlers charged with illegal fishing continue to dodge fines <a href="https://mobile.ghanaweb.com/GhanaHomePage/business/Trawlers-charged-with-illegal-fishing-continue-to-dodge-fines-847777?channel=D2">https://mobile.ghanaweb.com/GhanaHomePage/business/Trawlers-charged-with-illegal-fishing-continue-to-dodge-fines-847777?channel=D2</a>	January 24, 2020
109.	Graphic.com .gh	News Item Youth run from fishing <a href="https://www.graphic.com.gh/news/general-news/youth-run-from-fishing.html">https://www.graphic.com.gh/news/general-news/youth-run-from-fishing.html</a>	February 01 , 2020
110.	Ghana news agency	News Item The youth are abandoning the fisheries sector- study <a href="https://ghananewsagency.org/social/the-youth-are-abandoning-the-fisheries-sector-study-163371">https://ghananewsagency.org/social/the-youth-are-abandoning-the-fisheries-sector-study-163371</a>	February 01, 2020
111.	GhanaWeb	News Item 2020 fishing closed season likely to be observed in July and August <a href="https://mobile.ghanaweb.com/GhanaHomePage/business/2020-fishing-closed-season-likely-to-be-observed-in-July-and-August-856870?channel=D2">https://mobile.ghanaweb.com/GhanaHomePage/business/2020-fishing-closed-season-likely-to-be-observed-in-July-and-August-856870?channel=D2</a>	February 02, 2020
112.	Ghana News Agency	News Item The 2020 fishing closed season likely to be observed in July and August <a href="https://ghananewsagency.org/science/the-2020-fishing-closed-season-likely-to-be-observed-in-july-and-august--163512">https://ghananewsagency.org/science/the-2020-fishing-closed-season-likely-to-be-observed-in-july-and-august--163512</a>	February 04, 2020
113.	Business and Financial Times	Editorial Feature B&FT Editorial: Reverting closed fishing season back to August is technically sound	February 06, 2020
114.	GhanaWeb	News Item Fisheries Ministry, stakeholders meet over closed season <a href="https://www.ghanaweb.com/GhanaHomePage/business/Fisheries-Ministry-stakeholders-meet-over-closed-season-862822">https://www.ghanaweb.com/GhanaHomePage/business/Fisheries-Ministry-stakeholders-meet-over-closed-season-862822</a>	February 11, 2020
115.	Graphic Online	News Item Fisher folk in Central, Western regions call on Mahama <a href="https://www.graphic.com.gh/news/politics/fisherfolk-in-central-western-regions-call-on-mahama.html">https://www.graphic.com.gh/news/politics/fisherfolk-in-central-western-regions-call-on-mahama.html</a>	February 13, 2020
116.	Ghana News Agency	News Item Greater Accra Regional Fishers deliberate on ending Saiko	February 19, 2020
117.	Ghana News Agency	News Item Fishery Commission asked to enforce laws <a href="https://www.youtube.com/watch?v=VF5J1FzDeo0https://ghananewsagency.org/social/fishery-commission-asked-to-enforce-laws-164565">https://www.youtube.com/watch?v=VF5J1FzDeo0https://ghananewsagency.org/social/fishery-commission-asked-to-enforce-laws-164565</a>	February 25, 2020
118.	Ghana Web	News item Stakeholders in the fishing industry complain about Saiko activities by foreign vessels <a href="https://mobile.ghanaweb.com/GhanaHomePage/business/Stakeholders-in-the-fishing-industry-complain-about-Saiko-activities-by-foreign-vessels-877543?channel=D2">https://mobile.ghanaweb.com/GhanaHomePage/business/Stakeholders-in-the-fishing-industry-complain-about-Saiko-activities-by-foreign-vessels-877543?channel=D2</a>	February 19, 2020
119.	Daily Graphic	News Item Fisheries Stakeholder dialogue on illegal fishing	February 20, 2020
120.	Ghanaian Times	News Item Stakeholders in the fisheries industry dialogue on Saiko	February 20, 2020
121.	GhanaWeb	News item Fishermen cry for outboard motors from government <a href="https://mobile.ghanaweb.com/GhanaHomePage/business/Fishermen-cry-for-outboard-motors-from-government-878305?channel=D2">https://mobile.ghanaweb.com/GhanaHomePage/business/Fishermen-cry-for-outboard-motors-from-government-878305?channel=D2</a>	February 20, 2020
122.	GhanaWeb	News Item 90% industrial trawlers operating in Ghana from China <a href="https://mobile.ghanaweb.com/GhanaHomePage/business/90-industrial-trawlers-operating-in-Ghana-from-China-879631?channel=D2">https://mobile.ghanaweb.com/GhanaHomePage/business/90-industrial-trawlers-operating-in-Ghana-from-China-879631?channel=D2</a>	February 26, 2020
123.	Ghana News Agency	News Item Stakeholders go hi-tech with illegal fishing fight <a href="https://ghananewsagency.org/social/stakeholders-go-hi-tech-with-illegal-fishing-fight-164855">https://ghananewsagency.org/social/stakeholders-go-hi-tech-with-illegal-fishing-fight-164855</a>	March 01, 2020

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124. News Ghana	News Item	Stakeholders dialogue on illegal fishing <a href="https://www.graphic.com.gh/news/general-news/rawlings-applauds-1m-penalty-against-fishing-company.html">https://www.graphic.com.gh/news/general-news/rawlings-applauds-1m-penalty-against-fishing-company.html</a>	March 02,2020
125. JoyNews	News Item	Illegal Fisheries Practice - News Desk on JoyNews <a href="https://www.youtube.com/watch?v=zR08oqUQvVo&amp;feature=youtu.be">https://www.youtube.com/watch?v=zR08oqUQvVo&amp;feature=youtu.be</a>	March 03, 2020
126. Citinewsroom.com	News Item	Fisheries Ministry sued for increasing licensing fees <a href="https://citinewsroom.com/2020/01/fisheries-ministry-sued-for-increasing-licensing-fees/">https://citinewsroom.com/2020/01/fisheries-ministry-sued-for-increasing-licensing-fees/</a>	March 09, 2020
127. GhanaWeb		Consortium to improve livelihoods of fishers through scorecard <a href="https://www.ghanaweb.com/GhanaHomePage/business/Consortium-to-improve-livelihoods-of-fishers-through-scorecard-887284?channel=D2">https://www.ghanaweb.com/GhanaHomePage/business/Consortium-to-improve-livelihoods-of-fishers-through-scorecard-887284?channel=D2</a>	March 7, 2020
128. Ghana News Agency	News Item	Stakeholders call for the resuscitation of Butal wetlands <a href="https://ghananewsagency.org/science/stakeholders-call-for-resuscitation-of-butuah-wetlands-165349">https://ghananewsagency.org/science/stakeholders-call-for-resuscitation-of-butuah-wetlands-165349</a>	March 11, 2020
129. Business 24	News Item	Recalcitrant Fishing Vessels to lose licenses	March 13, 2020
130. Ghana Web	News Item	Fisheries Commission to ban unregistered canoe owners from fishing <a href="https://www.ghanaweb.com/GhanaHomePage/business/Fisheries-Commission-to-ban-unregistered-canoe-owners-from-fishing-895162?channel=D2">https://www.ghanaweb.com/GhanaHomePage/business/Fisheries-Commission-to-ban-unregistered-canoe-owners-from-fishing-895162?channel=D2</a>	March 16, 2020
131. GhanaWeb	News Item	4,562 canoes in Western Region register under Canoe Identification Card programme <a href="https://www.ghanaweb.com/GhanaHomePage/business/4-562-canoes-in-Western-Region-register-under-Canoe-Identification-Card-programme-896428?channel=D2">https://www.ghanaweb.com/GhanaHomePage/business/4-562-canoes-in-Western-Region-register-under-Canoe-Identification-Card-programme-896428?channel=D2</a>	March 17, 2020
132. GhanaWeb	News Item	Fisheries Commission urges fishmongers to adopt directives on coronavirus <a href="https://www.ghanaweb.com/GhanaHomePage/business/Fisheries-Commission-urges-fishmongers-to-adopt-directives-on-coronavirus-898927?channel=D2">https://www.ghanaweb.com/GhanaHomePage/business/Fisheries-Commission-urges-fishmongers-to-adopt-directives-on-coronavirus-898927?channel=D2</a>	March 19, 2020
133. GhanaWeb		Prampram cold store reconnected to national grid <a href="https://www.ghanaweb.com/GhanaHomePage/business/Pramp-pram-cold-store-reconnected-to-national-grid-899869?channel=D2">https://www.ghanaweb.com/GhanaHomePage/business/Pramp-pram-cold-store-reconnected-to-national-grid-899869?channel=D2</a>	March 20, 2020
134. Myjoyonline.com	News Item	80 fishermen under mandatory quarantine in Central Region <a href="https://www.myjoyonline.com/news/national/80-fishermen-under-mandatory-quarantine-in-central-region/#">https://www.myjoyonline.com/news/national/80-fishermen-under-mandatory-quarantine-in-central-region/#</a>	April 14, 2020
135. GhanaWeb	News Item	Fisherfolks 'snub' Akufo-Addo's social distancing order to seek for daily bread <a href="https://www.ghanaweb.com/GhanaHomePage/business/Fisherfolks-snub-Akufo-Addo-s-social-distancing-order-to-seek-for-daily-bread-912577?channel=D2">https://www.ghanaweb.com/GhanaHomePage/business/Fisherfolks-snub-Akufo-Addo-s-social-distancing-order-to-seek-for-daily-bread-912577?channel=D2</a>	April 03, 2020
136. Opera News	News Item	COVID 19: 6 fishermen quarantined in an 'uncomfortable' space at Sekondi <a href="https://www.operanewsapp.com/gh/en/share/detail?news_id=8457213bb6dc73146a3f258c5495b665&amp;news_entry_id=s25864221200422en_gh&amp;open_type=transcoded&amp;request_id=HOME_PAGE_625422fd-1495-4615-a0b9-7179b4a6c144&amp;from=newslite">https://www.operanewsapp.com/gh/en/share/detail?news_id=8457213bb6dc73146a3f258c5495b665&amp;news_entry_id=s25864221200422en_gh&amp;open_type=transcoded&amp;request_id=HOME_PAGE_625422fd-1495-4615-a0b9-7179b4a6c144&amp;from=newslite</a>	April 22, 2020
137. Graphic Business	News Item	Enforce Social Distancing at Fishing Communities <a href="https://www.graphicbusinessonline.com/ghana-economy/enforce-social-distancing-at-fishing-communities">https://www.graphicbusinessonline.com/ghana-economy/enforce-social-distancing-at-fishing-communities</a>	April 14, 2020
138. Kasapa Online	News Item	Sea water does not protect you from COVID -19 – Fishermen cautioned	April 29, 2020

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		<a href="https://kasapafmonline.com/2020/04/sea-water-does-not-protect-you-from-covid-19-fishermen-cautioned/">https://kasapafmonline.com/2020/04/sea-water-does-not-protect-you-from-covid-19-fishermen-cautioned/</a>	
139.	Facebook	News Item Marine Police Sensitize Fisherfolk <a href="https://www.facebook.com/525210351007672/posts/1328334137361952/?_rdc=2&amp;_rdr">https://www.facebook.com/525210351007672/posts/1328334137361952/?_rdc=2&amp;_rdr</a>	April 28, 2020
140.	GhanaWeb	News Item CODA empowers fisherfolk with 5,000 outboard motors <a href="https://www.ghanaweb.com/GhanaHomePage/business/CODA-empowers-fisherfolk-with-5-000-outboard-motors-940321?channel=D2">https://www.ghanaweb.com/GhanaHomePage/business/CODA-empowers-fisherfolk-with-5-000-outboard-motors-940321?channel=D2</a>	May 02, 2020
141.	GhanaWeb	News Item Govt hands over Jamestown Fishing Harbour site to contractor <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Govt-hands-over-Jamestown-Fishing-Harbour-site-to-contractor-945262?channel=D2">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Govt-hands-over-Jamestown-Fishing-Harbour-site-to-contractor-945262?channel=D2</a>	May 07, 2020
142.	Myjoyonline	News Item Is it a shark or dynamite? <a href="https://www.myjoyonline.com/opinion/is-it-a-shark-or-dynamite/#">https://www.myjoyonline.com/opinion/is-it-a-shark-or-dynamite/#</a>	May 08, 2020
143.	Graphic Online	News Item Maritime security seizes 10 canoes in illegal oil bunkering <a href="https://www.graphic.com.gh/news/general-news/maritime-security-seizes-10-canoes-in-illegal-oil-bunkering.html">https://www.graphic.com.gh/news/general-news/maritime-security-seizes-10-canoes-in-illegal-oil-bunkering.html</a>	May 13, 2020
144.	GhanaWeb	News Item 3 'Moore' fishermen test positive to coronavirus <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/3-Moore-fishermen-test-positive-to-coronavirus-949660?channel=D2">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/3-Moore-fishermen-test-positive-to-coronavirus-949660?channel=D2</a>	May 12, 2020
145.	Ghana Web	News Item 13,000 masks for Sekondi fishermen <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/13-000-masks-for-Sekondi-fishermen-953965?channel=D2">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/13-000-masks-for-Sekondi-fishermen-953965?channel=D2</a>	May 16, 2020
146.	My joy online	Editorial Feature GNCFC willing to collaborate with GHS, Police to intensify Covid-19 education <a href="https://www.myjoyonline.com/news/national/gncfc-willing-to-collaborate-with-ghs-police-to-intensify-covid-19-education/">https://www.myjoyonline.com/news/national/gncfc-willing-to-collaborate-with-ghs-police-to-intensify-covid-19-education/</a>	May 18, 2020
147.	GhanaWeb	News Item Coronavirus pandemic and food security: Fisheries sector in perspective <a href="https://www.ghanaweb.com/GhanaHomePage/business/Coronavirus-pandemic-and-food-security-Fisheries-sector-in-perspective-961636?channel=D2">https://www.ghanaweb.com/GhanaHomePage/business/Coronavirus-pandemic-and-food-security-Fisheries-sector-in-perspective-961636?channel=D2</a>	May 25, 2020
148.	Ghana web	News Item EJF welcomes reinstatement of ban on light fishing by tuna vessels <a href="https://www.ghanaweb.com/GhanaHomePage/business/EJF-welcomes-reinstatement-of-ban-on-light-fishing-by-tuna-vessels-959272?channel=D2">https://www.ghanaweb.com/GhanaHomePage/business/EJF-welcomes-reinstatement-of-ban-on-light-fishing-by-tuna-vessels-959272?channel=D2</a>	May 22, 2020
149.	Kasapa Fm online	News Item Use Canoe C'cil to share Covid items to fisher folks – Fish processors to Fisheries Minister <a href="https://kasapafmonline.com/2020/05/use-canoes-ccil-to-share-covid-items-to-fisher-folks-fish-processors-to-fisheries-minister/">https://kasapafmonline.com/2020/05/use-canoes-ccil-to-share-covid-items-to-fisher-folks-fish-processors-to-fisheries-minister/</a>	May 29, 2020
150.	StarrFm	Opinion Is Ghana's fisheries on the verge of collapse? – Ohene Gyan writes <a href="https://starrfm.com.gh/2020/05/is-ghanas-fisheries-on-the-verge-of-collapse-ohene-gyan-writes/">https://starrfm.com.gh/2020/05/is-ghanas-fisheries-on-the-verge-of-collapse-ohene-gyan-writes/</a>	May 29, 2020
151.	Ghana News Agency	News item Fishers livelihoods collapsing due to lack of political will - FoN <a href="https://www.gna.org.gh/1.18313019">https://www.gna.org.gh/1.18313019</a>	May 25, 2020
152.	GhanaWeb	News Item U-turn on Fisheries Commission decision to allow tuna boats to use light fishing	May 26, 2020



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		<a href="https://www.ghanaweb.com/GhanaHomePage/business/U-turn-on-Fisheries-Commission-decision-to-allow-tuna-boats-to-use-light-fishing-962239?channel=D2">https://www.ghanaweb.com/GhanaHomePage/business/U-turn-on-Fisheries-Commission-decision-to-allow-tuna-boats-to-use-light-fishing-962239?channel=D2</a>	
153.	FCWC website	News Item Chinese trawler fishing in Ghana again, without paying USD 1 million fine <a href="https://fcwc-fish.org/other-news/chinese-trawler-fishing-in-ghana-again-without-paying-usd-1-million-fine">https://fcwc-fish.org/other-news/chinese-trawler-fishing-in-ghana-again-without-paying-usd-1-million-fine</a>	May 25, 2020
154.	VOA	News item Fears for Livelihoods Over Fishing Harbor Demolition in Ghana <a href="https://www.voanews.com/africa/fears-livelihoods-over-fishing-harbor-demolition-ghana">https://www.voanews.com/africa/fears-livelihoods-over-fishing-harbor-demolition-ghana</a>	June 02, 2020
155.	Graphic Online	News Item Friends of the Nation pushes for attainment of Sustainable Development Goals in Fisheries Sector <a href="https://www.graphic.com.gh/news/general-news/friends-of-the-nation-pushes-for-attainment-of-sustainable-development-goals-in-fisheries-sector.html">https://www.graphic.com.gh/news/general-news/friends-of-the-nation-pushes-for-attainment-of-sustainable-development-goals-in-fisheries-sector.html</a>	June 11, 2020
156.	My Joy online	News Item Over 200 fishing fisherfolk losing their livelihoods due to 'saiko' illegal fishing <a href="https://www.myjoyonline.com/news/regional/over-200-fishing-fisherfolk-losing-their-livelihoods-due-to-saiko-illegal-fishing/">https://www.myjoyonline.com/news/regional/over-200-fishing-fisherfolk-losing-their-livelihoods-due-to-saiko-illegal-fishing/</a>	June 12, 2020
157.	GhanaWeb	News Item Save fisheries sector from the scourge of saiko – Group appeals to Prez Save fisheries sector from the scourge of saiko – Group appeals to Prez	June 12 ,2020
158.	FCWC website	News Item Recalcitrant Chinese industrial trawler re-arrested for repeated illegal fishing crimes <a href="https://fcwc-fish.org/other-news/ghana-recalcitrant-chinese-industrial-trawler-re-arrested-for-repeated-illegal-fishing-crimes">https://fcwc-fish.org/other-news/ghana-recalcitrant-chinese-industrial-trawler-re-arrested-for-repeated-illegal-fishing-crimes</a>	June 15, 2020
159.	EJF website	Feature Senegal acts to protect its fisheries: will Ghana do the same? <a href="https://ejfoundation.org/news-media/senegal-acts-to-protect-its-fisheries-will-ghana-do-the-same">https://ejfoundation.org/news-media/senegal-acts-to-protect-its-fisheries-will-ghana-do-the-same</a>	June 15, 2020
160.	Business 24	News Item Watchdog urges gov't to deny license to new Chinese trawlers <a href="https://thebusiness24online.net/2020/06/19/watchdog-urges-govt-to-deny-licences-to-new-chinese-trawlers/">https://thebusiness24online.net/2020/06/19/watchdog-urges-govt-to-deny-licences-to-new-chinese-trawlers/</a>	June 14, 2020
161.	Adomonline.com	News Item Illegal transshipment killing fisheries sector- Canoe fishermen <a href="https://www.adomonline.com/illegal-transshipment-killing-fisheries-sector-canoe-fishermen/">https://www.adomonline.com/illegal-transshipment-killing-fisheries-sector-canoe-fishermen/</a>	June 16, 2020
162.	Joy News	Video Documentary Saiko- when the last fish is caught- Hotline documentary on Joy news <a href="https://www.youtube.com/watch?v=d5Wd1HGiluU&amp;feature=youtu.be">https://www.youtube.com/watch?v=d5Wd1HGiluU&amp;feature=youtu.be</a>	June 15, 2020
163.	Devgoalsafrica.org	Feature Eliminating illegal fishing practices in Ghana promise sustainable livelihoods and economic growth <a href="https://devgoalsafrica.org/articles/eliminating-illegal-fishing-practices-in-ghana-promise-sustainable-livelihoods-and-economic-growth/">https://devgoalsafrica.org/articles/eliminating-illegal-fishing-practices-in-ghana-promise-sustainable-livelihoods-and-economic-growth/</a>	June 18, 2020
164.	News Ghana	News Item FoN holds stakeholder's consultation on political party manifestoes <a href="https://newsghana.com.gh/fo-n-holds-stakeholders-consultation-on-political-party-manifestoes/">https://newsghana.com.gh/fo-n-holds-stakeholders-consultation-on-political-party-manifestoes/</a>	July 02, 2020
165.	Graphic Online	News Item Unscrupulous "Saiko" fishing worsens Ghana's marine ecosystems <a href="https://www.graphic.com.gh/business/business-news/unscrupulous-saiko-fishing-worsens-ghana-s-marine-ecosystems.html">https://www.graphic.com.gh/business/business-news/unscrupulous-saiko-fishing-worsens-ghana-s-marine-ecosystems.html</a>	July 07, 2020

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166. Modern Ghana	Feature	Maritime Bulletin with ALBERT Fiatui and BISMARCK Ameyaw: Unscrupulous “Saiko” Fishing Worsens Ghana’s Marine Ecosystems: The Call for Sustainable Fisheries Management Decision Making <a href="https://www.modernghana.com/news/1013562/maritime-bulletin-with-albert-fiatui-and-bismark.html">https://www.modernghana.com/news/1013562/maritime-bulletin-with-albert-fiatui-and-bismark.html</a>	July 07, 2020
167. Ghana Web	News Item	Premix C’ttee chairman fingered in fuel smuggling scheme <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Premix-C-ttee-chairman-fingered-in-fuel-smuggling-scheme-1002268">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Premix-C-ttee-chairman-fingered-in-fuel-smuggling-scheme-1002268</a>	July 08, 2020
168. Ghana Web	News Item	2020 Election: Fisherfolks advise politicians on what can win their votes <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/2020-Election-Fisherfolks-advise-politicians-on-what-can-win-their-votes-1003033">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/2020-Election-Fisherfolks-advise-politicians-on-what-can-win-their-votes-1003033</a>	July 09, 2020
169. Modern Ghana	News Item	COVID-19 Protocols Ignored at Bui <a href="https://www.modernghana.com/news/1015566/covid-19-protocols-ignored-at.html">https://www.modernghana.com/news/1015566/covid-19-protocols-ignored-at.html</a>	July 12, 2020
170. Modern Ghana	News Item	2020 Fishing Closed Season Postponed <a href="https://www.modernghana.com/news/1015833/2020-fishing-closed-season-postponed.html">https://www.modernghana.com/news/1015833/2020-fishing-closed-season-postponed.html</a>	July 13 2020
171. Zami Reports	News Item	Accra: Residents of Jamestown relocate as work on long awaited fishing harbour commences. <a href="https://zamireports.com/accra-residents-of-jamestown-relocate-as-work-on-long-awaited-fishing-harbour-commences/">https://zamireports.com/accra-residents-of-jamestown-relocate-as-work-on-long-awaited-fishing-harbour-commences/</a>	July 15, 2020
172. The Finder	News Item	Minister urges fisherfolk at Jamestown Fishing Harbour to relocate <a href="https://www.thefinderonline.com/news/item/19540-minister-urges-fisherfolk-at-jamestown-fishing-harbour-to-relocate">https://www.thefinderonline.com/news/item/19540-minister-urges-fisherfolk-at-jamestown-fishing-harbour-to-relocate</a>	July 20, 2020
173. Modern Ghana	News Item	Warning to EU Over Imports from Vessels Fishing Illegally in Ghana <a href="https://www.modernghana.com/news/1017760/warning-to-eu-over-imports-from-vessels-fishing.html">https://www.modernghana.com/news/1017760/warning-to-eu-over-imports-from-vessels-fishing.html</a>	July 21, 2020
174. Agric Today	News Item	Government to support the Aquaculture Industry with tax exemptions– Fisheries Minister. <a href="https://agRICToday.com.gh/2020/07/21/government-to-support-the-aquaculture-industry-with-tax-exemptions-fisheries-minister/">https://agRICToday.com.gh/2020/07/21/government-to-support-the-aquaculture-industry-with-tax-exemptions-fisheries-minister/</a>	July 21, 2020
175. Ghanaian Times	News Item	Central Region fishermen receive 300 subsidised outboard motors <a href="https://www.ghanaiantimes.com.gh/central-region-fishermen-receive-300-subsidised-outboard-motors/">https://www.ghanaiantimes.com.gh/central-region-fishermen-receive-300-subsidised-outboard-motors/</a>	July 23, 2020
176. Ghana Web	News item	Ghana’s seafood enters EU illegally - Watchdog alleges <a href="https://www.ghanaweb.com/GhanaHomePage/business/Ghana-s-seafood-enters-EU-illegally-Watchdog-alleges-1014268">https://www.ghanaweb.com/GhanaHomePage/business/Ghana-s-seafood-enters-EU-illegally-Watchdog-alleges-1014268</a>	July 23, 2020
177. Business Ghana	News Item	Anomabo fishermen empowered to gather evidence on illegal fishing activities <a href="https://www.businessghana.com/site/news/general/218577/Anomabo-fishermen-empowered-to-gather-evidence-on-illegal-fishing-activities">https://www.businessghana.com/site/news/general/218577/Anomabo-fishermen-empowered-to-gather-evidence-on-illegal-fishing-activities</a>	July 24, 2020
178. Ghana Web	News Item	Eight fish landing sites near completion – Ofori-Atta <a href="https://www.ghanaweb.com/GhanaHomePage/business/Eight-fish-landing-sites-near-completion-Ofori-Atta-1015354">https://www.ghanaweb.com/GhanaHomePage/business/Eight-fish-landing-sites-near-completion-Ofori-Atta-1015354</a>	July 24, 2020
179. Ghana News Agency	News Item	Fishermen in Western Region receive subsidised outboard motors <a href="https://www.gna.org.gh/1.18618204">https://www.gna.org.gh/1.18618204</a>	July 25, 2020

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180. News Ghana	News Item	Friends of the Nation secures landing sites for fisher-folk <a href="https://newsghana.com.gh/friends-of-the-nation-secures-landing-sites-for-fisher-folk/">https://newsghana.com.gh/friends-of-the-nation-secures-landing-sites-for-fisher-folk/</a>	July 28, 2020
181. Ghana Web	News item	Ghana's seafood enters EU illegally - Watchdog alleges <a href="https://www.ghanaweb.com/GhanaHomePage/business/Ghana-s-seafood-enters-EU-illegally-Watchdog-alleges-1014268">https://www.ghanaweb.com/GhanaHomePage/business/Ghana-s-seafood-enters-EU-illegally-Watchdog-alleges-1014268</a>	July 23, 2020
182. Modern Ghana	News Item	Volta: CODA, MOFAD Distribute Subsidised Outboard Motors to Fishermen <a href="https://www.modernghana.com/news/1019766/volta-coda-mofad-distribute-subsidised-outboard.html">https://www.modernghana.com/news/1019766/volta-coda-mofad-distribute-subsidised-outboard.html</a>	July 30, 2020
183. Joy Online	News Item	Provide timelines in manifesto promises – Fisherfolk demand from political parties <a href="https://www.myjoyonline.com/news/national/provide-timelines-in-manifesto-promises-fisherfolk-demand-from-political-parties/">https://www.myjoyonline.com/news/national/provide-timelines-in-manifesto-promises-fisherfolk-demand-from-political-parties/</a>	July 31, 2020
184. Ghana News Agency	News Item	Reconsider Chief fisherman concept - Chief <a href="https://www.gna.org.gh/1.18624803">https://www.gna.org.gh/1.18624803</a>	August 01, 2020
185. Ghana Web	News Item	Budget Consultant urges CSOs to track budgetary allocations to fisheries sector <a href="https://www.ghanaweb.com/GhanaHomePage/business/Budget-Consultant-urges-CSOs-to-track-budgetary-allocations-to-fisheries-sector-1023373">https://www.ghanaweb.com/GhanaHomePage/business/Budget-Consultant-urges-CSOs-to-track-budgetary-allocations-to-fisheries-sector-1023373</a>	August 01, 2020
186. The Fish Site	News Item	Ghana's fish farmers seek Covid recovery aid <a href="https://thefishsite.com/articles/ghanas-fish-farmers-seek-covid-recovery-aid">https://thefishsite.com/articles/ghanas-fish-farmers-seek-covid-recovery-aid</a>	August 06, 2020
187. Empire FM	News Item	"Community monitoring groups will help our work"-Fisheries Enforcement Unit <a href="http://empirefmonline.com/2020/08/07/community-monitoring-groups-will-help-our-work-fisheries-enforcement-unit/">http://empirefmonline.com/2020/08/07/community-monitoring-groups-will-help-our-work-fisheries-enforcement-unit/</a>	August 07, 2020
188. Modern Ghana	News Item	FoN Want Gradual Scrapping of Premix, Other Subsidies in Fishing Sector <a href="https://www.modernghana.com/news/1021573/foN-want-gradual-scrapping-of-premix-other-subsid.html">https://www.modernghana.com/news/1021573/foN-want-gradual-scrapping-of-premix-other-subsid.html</a>	August 08, 2020
189. News Ghana	News Item	VGGT guidelines to address challenges in the fishing sector <a href="https://newsghana.com.gh/vggt-guidelines-to-address-challenges-in-the-fishing-sector/">https://newsghana.com.gh/vggt-guidelines-to-address-challenges-in-the-fishing-sector/</a>	August 08, 2020
190. Joy Online	News Item	Marine fish stock at the verge of collapse due to over-exploitation – Prof. Wisdom Akpalu <a href="https://www.myjoyonline.com/news/national/marine-fish-stock-at-the-verge-of-collapse-due-to-over-exploitation-prof-wisdom-akpalu/">https://www.myjoyonline.com/news/national/marine-fish-stock-at-the-verge-of-collapse-due-to-over-exploitation-prof-wisdom-akpalu/</a>	August 09, 2020
191. News Ghana	News Item	Osu fisherfolks to benefit from fish market and storage facilities-Korle Klotey MCE <a href="https://newsghana.com.gh/osu-fisherfolks-to-benefit-from-fish-market-and-storage-facilities-korle-klotey-mce/">https://newsghana.com.gh/osu-fisherfolks-to-benefit-from-fish-market-and-storage-facilities-korle-klotey-mce/</a>	August 10, 2020
192. Peace FM	News item	New Research Highlights Cost-effective Strategies to Strengthen Ghana's Economy <a href="https://www.peacefmonline.com/pages/business/economy/202008/422945.php">https://www.peacefmonline.com/pages/business/economy/202008/422945.php</a>	August 10, 2020
193. Ghana Web	News Item	MOFAD presents 300 outboard motors to fishermen in Greater Accra Region <a href="https://www.ghanaweb.com/GhanaHomePage/business/MOFAD-presents-300-outboard-motors-to-fishermen-in-Greater-Accra-Region-1030789">https://www.ghanaweb.com/GhanaHomePage/business/MOFAD-presents-300-outboard-motors-to-fishermen-in-Greater-Accra-Region-1030789</a>	August 11, 2020
194. Joy Online	News Item	Canoe fishermen in Central Region protest against 'saiko' illegal fishing	August 13, 2020

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		<a href="https://www.myjoyonline.com/news/regional/canoe-fishermen-in-central-region-protest-against-saiko-illegal-fishing/">https://www.myjoyonline.com/news/regional/canoe-fishermen-in-central-region-protest-against-saiko-illegal-fishing/</a>	
195.	Joy Online	News Item Canoe fishermen in four coastal regions stage protest against Saiko <a href="https://www.myjoyonline.com/news/national/canoe-fishermen-in-four-coastal-regions-stage-protest-against-saiko/">https://www.myjoyonline.com/news/national/canoe-fishermen-in-four-coastal-regions-stage-protest-against-saiko/</a>	August 14, 2020
196.	Modern Ghana	News Item Western Region Fishermen Petition Akufo-Addo To Abolish "Saiko" Fishing <a href="https://www.modernghana.com/news/1023113/western-region-fishermen-petition-akufoaddo-to.html">https://www.modernghana.com/news/1023113/western-region-fishermen-petition-akufoaddo-to.html</a>	August 14, 2020
197.	News Ghana	News Item Fishmongers at Dixcove complain about low fish catch <a href="https://newsghana.com.gh/fishmongers-at-dixcove-complain-about-low-fish-catch/">https://newsghana.com.gh/fishmongers-at-dixcove-complain-about-low-fish-catch/</a>	August 15, 2020
198.	Business Ghana	News Item End illegal transshipment of fish on Ghanaian waters <a href="http://www.businessghana.com/site/news/general/220271/End-illegal-transshipment-of-fish-">http://www.businessghana.com/site/news/general/220271/End-illegal-transshipment-of-fish-</a>	August 17, 2020
199.	Peace FM	News Item Journalists for Responsible Fisheries and Environment Calls on Govt To End 'Saiko' <a href="https://www.peacefmonline.com/pages/local/news/202008/423913.php">https://www.peacefmonline.com/pages/local/news/202008/423913.php</a>	August 17, 2020
200.	Joy Online	News Item Canoe fishermen end one-week protest with a call on government to stop Saiko <a href="https://www.myjoyonline.com/news/national/canoe-fishermen-end-one-week-protest-with-a-call-on-government-to-stop-saiko/">https://www.myjoyonline.com/news/national/canoe-fishermen-end-one-week-protest-with-a-call-on-government-to-stop-saiko/</a>	August 18, 2020
201.	Graphic Online	News Item Fisheries expert calls for urgent action to halt 'saiko' <a href="https://www.graphic.com.gh/news/general-news/saiko-accounted-for-150-and-57-of-trawl-and-artisanal-landings-in-2017-respectively-fisheries-expert.html">https://www.graphic.com.gh/news/general-news/saiko-accounted-for-150-and-57-of-trawl-and-artisanal-landings-in-2017-respectively-fisheries-expert.html</a>	August 18, 2020
202.	Ghana Web	News Item Annual consumption of fish per Ghanaian decreasing - Natural Resources Economist <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Annual-consumption-of-fish-per-Ghanaian-decreasing-Natural-Resources-Economist-1038085">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Annual-consumption-of-fish-per-Ghanaian-decreasing-Natural-Resources-Economist-1038085</a>	August 19, 2020
203.	Joy Online	News Item Journalists for Responsible Fisheries and Environment bares teeth at government over Saiko <a href="https://www.myjoyonline.com/news/national/journalists-for-responsible-fisheries-and-environment-bares-teeth-at-government-over-saiko/">https://www.myjoyonline.com/news/national/journalists-for-responsible-fisheries-and-environment-bares-teeth-at-government-over-saiko/</a>	August 19, 2020
204.	Joy Online	News Item Government urged to stop pair trawling in Ghanaian waters <a href="https://www.myjoyonline.com/business/agribusiness/government-urged-to-stop-pair-trawling-in-ghanaiian-waters/">https://www.myjoyonline.com/business/agribusiness/government-urged-to-stop-pair-trawling-in-ghanaiian-waters/</a>	August 19, 2020
205.	Ghana Today	News Item ENRRI Hosts Seminar on Managing Capture Fisheries in Ghana <a href="http://ghanatoday.gov.gh/business/enrri-hosts-seminar-on-managing-capture-fisheries-in-ghana/">http://ghanatoday.gov.gh/business/enrri-hosts-seminar-on-managing-capture-fisheries-in-ghana/</a>	August 20, 2020
206.	Peace FM Online	News Item Limit Number of Canoes Fishing Along Coast—Prof. Akpalu <a href="https://www.peacefmonline.com/pages/local/news/202008/424402.php">https://www.peacefmonline.com/pages/local/news/202008/424402.php</a>	August 20, 2020
207.	Plan B FM	News Item "It's Time to Have A Solid National Fisheries Dialogue"- Richster Amarhfiio <a href="https://planbfm.com.gh/blog/its-time-to-have-a-solid-national-fisheries-dialogue-richster-amarhfiio/">https://planbfm.com.gh/blog/its-time-to-have-a-solid-national-fisheries-dialogue-richster-amarhfiio/</a>	August 21, 2020
208.	Modern Ghana	News Item Our Commitment To Ending Saiko Is Very Strong - Akufo-Addo	August 21, 2020

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		<a href="https://www.modernghana.com/news/1024573/our-commitment-to-ending-saiko-is-very-strong.html">https://www.modernghana.com/news/1024573/our-commitment-to-ending-saiko-is-very-strong.html</a>	
209. Ghana News Agency	News Item	Zonal multi-stakeholder platform meeting on IUU inland fishing held at Kpando <a href="https://www.gna.org.gh/1.18659734">https://www.gna.org.gh/1.18659734</a>	August 23, 2020
210. Ghana Web	News Item	Ghana's fisheries is on the verge of collapse - Yamoah <a href="https://www.ghanaweb.com/GhanaHomePage/business/Ghana-s-fisheries-is-on-the-verge-of-collapse-Yamoah-1040512">https://www.ghanaweb.com/GhanaHomePage/business/Ghana-s-fisheries-is-on-the-verge-of-collapse-Yamoah-1040512</a>	August 23, 2020
211. Dubawa Ghana	News Item	Fact-check: President Akufo-Addo's claim on Marine Police's patrol boats fleet INACCURATE <a href="https://ghana.dubawa.org/fact-check-president-akufo-addos-claim-on-marine-polices-patrol-boats-fleet-inaccurate/">https://ghana.dubawa.org/fact-check-president-akufo-addos-claim-on-marine-polices-patrol-boats-fleet-inaccurate/</a>	August 24, 2020
212. Ghana Business News	News Item	Volta Lake is dead – Fisheries Commission <a href="https://www.ghanabusinessnews.com/2020/08/25/volta-lake-is-dead-fisheries-commission/">https://www.ghanabusinessnews.com/2020/08/25/volta-lake-is-dead-fisheries-commission/</a>	August 25, 2020
213. Graphic Online	News Item	Ghana now has over four thousand fishponds - MoFAD <a href="https://www.graphic.com.gh/news/general-news/ghana-now-has-over-four-thousand-fish-ponds-mofad.html">https://www.graphic.com.gh/news/general-news/ghana-now-has-over-four-thousand-fish-ponds-mofad.html</a>	August 25, 2020
214. Peace FM Online	News Item	Stop Illegal Transshipment of Fish on Ghanaian Waters <a href="https://www.peacefmonline.com/pages/business/news/202008/425047.php">https://www.peacefmonline.com/pages/business/news/202008/425047.php</a>	August 26, 2020
215. Peace FM Online	News Item	Desist from Using Fishing Boats as Cargo Transports - Navy Advises Fishermen <a href="https://www.peacefmonline.com/pages/local/news/202008/425083.php">https://www.peacefmonline.com/pages/local/news/202008/425083.php</a>	August 26, 2020
216. Modern Ghana	News Item	Chinese-Owned Trawler Re-Licensed Despite Committing Same Illegal Fishing Offences Twice and Failing to Pay Fine <a href="https://www.modernghana.com/news/1025547/chinese-owned-trawler-re-licensed-despite-committi.html">https://www.modernghana.com/news/1025547/chinese-owned-trawler-re-licensed-despite-committi.html</a>	August 26, 2020
217. Ghana Business News	News Item	Government is revitalising aquaculture to increase domestic fish production – MoFAD <a href="https://www.ghanabusinessnews.com/2020/08/27/government-is-revitalising-aquaculture-to-increase-domestic-fish-production-mofad/">https://www.ghanabusinessnews.com/2020/08/27/government-is-revitalising-aquaculture-to-increase-domestic-fish-production-mofad/</a>	August 27, 2020
218. Modern Ghana	News Item	Don't Use Premix Fuel for Light Fishing — Fisheries Minister Cautions <a href="https://www.modernghana.com/news/1025878/dont-use-premix-fuel-for-light-fishing-fisherie.html">https://www.modernghana.com/news/1025878/dont-use-premix-fuel-for-light-fishing-fisherie.html</a>	August 27, 2020
219. All Africa	News Item	Ghana: MoFAD to Introduce 'Fish Fest' Next Year <a href="https://allafrica.com/stories/202008280927.html">https://allafrica.com/stories/202008280927.html</a>	August 28, 2020
220. Modern Ghana	News Item	Gov't's Double Standard Fuels Illegal Fishing — Minority <a href="https://www.modernghana.com/news/1025942/govts-double-standard-fuels-illegal-fishing.html">https://www.modernghana.com/news/1025942/govts-double-standard-fuels-illegal-fishing.html</a>	August 28, 2020
221. Ghana Web	News Item	Akufo-Addo cuts sod for the construction of Elmina Fishing Port and Landing Site project <a href="https://www.ghanaweb.com/GhanaHomePage/business/Akufo-Addo-cuts-sod-for-the-construction-of-Elmina-Fishing-Port-and-Landing-Site-project-1045537">https://www.ghanaweb.com/GhanaHomePage/business/Akufo-Addo-cuts-sod-for-the-construction-of-Elmina-Fishing-Port-and-Landing-Site-project-1045537</a>	August 28, 2020
222. Ghana Web	News Item	NPP may lose more than 2.7 million votes in the coastal communities - Abakah-Edu <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/NPP-may-lose-more-than-2-7-million-votes-in-the-coastal-communities-Abakah-Edu-1046299">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/NPP-may-lose-more-than-2-7-million-votes-in-the-coastal-communities-Abakah-Edu-1046299</a>	August 30, 2020
223. Joy Online	News Item	Akufo-Addo has a soft side for fisherfolk – Minister <a href="https://www.myjoyonline.com/business/agribusiness/akufo-addo-has-a-soft-side-for-fisherfolk-minister/">https://www.myjoyonline.com/business/agribusiness/akufo-addo-has-a-soft-side-for-fisherfolk-minister/</a>	August 31, 2020

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224. Ghana Web	News Item	Government's commitment to fishers not in doubt – Minister <a href="https://www.ghanaweb.com/GhanaHomePage/business/Government-s-commitment-to-fishers-not-in-doubt-Minister-1051756">https://www.ghanaweb.com/GhanaHomePage/business/Government-s-commitment-to-fishers-not-in-doubt-Minister-1051756</a>	September 04, 2020
225. The Fish Site	Editorial Feature	Training Ghana's tilapia farmers <a href="https://thefishsite.com/articles/training-ghanas-tilapia-farmers">https://thefishsite.com/articles/training-ghanas-tilapia-farmers</a>	September 07, 2020
226. Ghana Web	News Item	Council urges govt to end activities of industrial pair trawlers <a href="https://www.ghanaweb.com/GhanaHomePage/business/Council-urges-govt-to-end-activities-of-industrial-pair-trawlers-1054105">https://www.ghanaweb.com/GhanaHomePage/business/Council-urges-govt-to-end-activities-of-industrial-pair-trawlers-1054105</a>	September 08, 2020
227. News Ghana	News Item	SOA Ghana unveils a digital campaign as part of its Marine Pollution and Sustainable Fishing Initiative <a href="https://newsghana.com.gh/soa-ghana-unveils-a-digital-campaign-as-part-of-its-marine-pollution-and-sustainable-fishing-initiative/">https://newsghana.com.gh/soa-ghana-unveils-a-digital-campaign-as-part-of-its-marine-pollution-and-sustainable-fishing-initiative/</a>	September 08, 2020
228. Feature	News Item	Sometimes we make GHc40,000 in a day' – Inside the lucrative, 'touch-and-go' fishing business <a href="https://www.pulse.com.gh/news/local/inside-the-lucrative-touch-and-go-fishing-business-in-ghana/8dhszs4">https://www.pulse.com.gh/news/local/inside-the-lucrative-touch-and-go-fishing-business-in-ghana/8dhszs4</a>	September 08, 2020
229. News Ghana	News Item	Titus-Glover appeals to GPHA to reopen fish market <a href="https://newsghana.com.gh/titus-glover-appeals-to-gpha-to-reopen-fish-market/">https://newsghana.com.gh/titus-glover-appeals-to-gpha-to-reopen-fish-market/</a>	September 12, 2020
230. Joy Online	Feature	Bright Yeboah: Ghana's Aquaculture industry set on a recovery path after a double blow <a href="https://www.myjoyonline.com/opinion/bright-yeboah-ghanas-aquaculture-industry-set-on-a-recovery-path-after-a-double-blow/">https://www.myjoyonline.com/opinion/bright-yeboah-ghanas-aquaculture-industry-set-on-a-recovery-path-after-a-double-blow/</a>	September 15, 2020
231. Ghana Web	News Item	There will be no diversion of premix fuel under NDC - Adam Mutawaikilu <a href="https://www.ghanaweb.com/GhanaHomePage/NewsArchive/There-will-be-no-diversion-of-premix-fuel-under-NDC-Adam-Mutawaikilu-1060666">https://www.ghanaweb.com/GhanaHomePage/NewsArchive/There-will-be-no-diversion-of-premix-fuel-under-NDC-Adam-Mutawaikilu-1060666</a>	September 16, 2020
232. Ghana Web	News Item	NDC Will Sack Chinese Industrial Trawlers from Ghana Waters, End 'Saiko' — Sherry Ayittey Assures Fishermen <a href="https://www.modernghana.com/news/1030493/ndc-will-sack-chinese-industrial-trawlers-from.html">https://www.modernghana.com/news/1030493/ndc-will-sack-chinese-industrial-trawlers-from.html</a>	September 18, 2020
233. JoyOnline	News Item	Center for Coastal Management bemoans near collapse of fisheries industry <a href="https://www.myjoyonline.com/business/agribusiness/center-for-coastal-management-bemoans-near-collapse-of-fisheries-industry/">https://www.myjoyonline.com/business/agribusiness/center-for-coastal-management-bemoans-near-collapse-of-fisheries-industry/</a>	September 19, 2020
234. Ghana Web	News Item	Kofi Kinaata educates on coronavirus with new song <a href="https://www.ghanaweb.com/GhanaHomePage/entertainment/Kofi-Kinaata-educates-on-coronavirus-with-new-song-1064398">https://www.ghanaweb.com/GhanaHomePage/entertainment/Kofi-Kinaata-educates-on-coronavirus-with-new-song-1064398</a>	September 20, 2020
235. Joy Online	Feature	Saitei: Selling our fishing rights <a href="https://www.myjoyonline.com/features/saitei-selling-our-fishing-rights/">https://www.myjoyonline.com/features/saitei-selling-our-fishing-rights/</a>	September 21, 2020
236. Ghana News Agency	News Item	Political Parties outline their plans for Fisheries sector <a href="https://www.gna.org.gh/1.18790432">https://www.gna.org.gh/1.18790432</a>	September 23, 2020
237. News Ghana	News Item	Fisheries Ministry supports fisherfolks in Krachi East <a href="https://newsghana.com.gh/fisheries-ministry-supports-fisherfolks-in-krachi-east/">https://newsghana.com.gh/fisheries-ministry-supports-fisherfolks-in-krachi-east/</a>	September 25, 2020

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### IR 1 Strengthened Enabling Environment

1. Adeborna, D. (2015). **Child Labour and Trafficking Assessment Tool Presentation**. The USAID/Ghana Sustainable Fisheries Management Project (SFMP). Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island and SNV Netherlands Development Organization. GH2014\_POL038\_SNV. 32 pp.  
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2. Coastal Resources Center. (2017). **Competence-based Self-Assessment of Ghana Marine Police Field Officers for Fisheries Law Enforcement**. The USAID/Ghana Sustainable Fisheries Management Project (SFMP). Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island and URI Fisheries Center. GH2017\_POL077\_CRC. 27 pp.  
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3. Coastal Resources Center. (2018). **Technical Brief: The Rationale and Impact of a Proposed Second Fishing Holiday for the Artisanal Fisheries of Ghana**. Submitted to The Ministry of Fisheries and Aquaculture Development. Ghana Sustainable Fisheries Management Project (SFMP). Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island. GH2014\_POL105\_CRC. 22 pp.  
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4. Development Action Association (2016). **Video Shows and Radio Sensitization**. The USAID/Ghana Sustainable Fisheries Management Project (SFMP). Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island and Development Action Association. GH2014\_POL089\_DAA. 10 pp.  
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5. Development Action Association. (2017). **Community Champions/Advocates Orientation Guide on Child Labor and Trafficking (CLaT)**. The USAID/Ghana Sustainable Fisheries Management Project (SFMP). Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island and Development Action Association. GH2014\_POL088\_DAA. 34 pp.  
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6. Development Action Association. (2017). **Refresher Training for New Anti- CLaT Advocates, 2017**. The USAID/Ghana Sustainable Fisheries Management Project (SFMP). Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island and Development Action Association. GH2014\_POL091\_DAA. 24 pp.  
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7. Development Action Association. (2015). **DAA Exchange Visits with Anti-CLaT NGOs in Apam and Winneba**. The USAID/Ghana Sustainable Fisheries Management Project (SFMP). Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island and Development Action Association. GH2014\_POL093\_DAA. 10 pp.  
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8. Development Action Association. (2017). **Focus Group Discussion on Child Labor and Trafficking with Churches, School PTAs and Mosques**. The USAID/Ghana Sustainable Fisheries Management Project (SFMP). Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island and Development Action Association. GH2014\_POL090\_DAA. 16 pp.  
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9. Friends of the Nation. (2015) **Journalist Orientation in Central Region**. The USAID/Ghana Sustainable Fisheries Management Project (SFMP). Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island and Friends of the Nation. GH2014\_POL068\_FoN. 17 pp.  
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  19. Lazar, Najih, Darko, Charles, Ansong, Ernest, Boateng, Kusi. (2020). Assessing the Biological Effects of the Fisheries Closed Season Implemented for the Artisanal and Semi-Industrial Fisheries in Ghana, 2019. USAID/Ghana Sustainable Fisheries Management Project. Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island. GH2014\_SCI077\_CRC. 23 pp. [https://www.crc.uri.edu/download/GH2014\\_SCI077\\_CRC\\_FIN508.pdf](https://www.crc.uri.edu/download/GH2014_SCI077_CRC_FIN508.pdf)
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