



PROMOTING ENVIRONMENTALLY SUSTAINABLE COMMERCIAL AQUACULTURE PROJECT IN UGANDA

Financial Agreement no. UG/FED/2016/038-334



Stakeholder Project Information Document

October 2021

Ministry Mission

“To transform subsistence farming into commercial agriculture.”

Ministry Vision

“A Competitive, Profitable and Sustainable Agricultural Sector.”

Project Development Objective

“To contribute to a competitive, job-intensive, environmentally-sustainable, and climate-resilient agricultural sector in Uganda.”

CONTENTS

List of Acronyms	4
1 Introduction	6
2 Project Objectives, Purpose and Result areas	6
4 Executive Summary	8
5 Project Implementation Structure.....	9
Stakeholders, beneficiaries and target groups.....	10
6 MAOPE Activities	11
7 Achievements	14
8 Challenges	16

List of Acronyms

AfDB	African Development Bank
ASARECA	Association for Strengthening Agricultural Research in Eastern and Central Africa
ASDP	Agriculture Sector Development Plan
ASSP	Agriculture Sector Support Plan
AquaPark	Aquaculture Park
BMPs	Best Management Practices
BMU	Beach Management Unit
CBA	Commodity Based Approach
CfP	Call for Proposals
CGIAR	Consultative Group for International Agricultural Research
COMESA	Common Market for East and Southern Africa
COP21	Conference of Parties (Paris Climate Conference)
CSO	Civil Society Organisation
CTA	Chief Technical Advisor
DAMD	Department of Aquaculture Management and Development
DANIDA	Danish International Development Agency
DiFR	Directorate of Fisheries Resources
DSIP	Development Strategy and Investment Plan
EAC	East African Community
EDF	European Development Fund
EIA	Environmental Impact Assessment
EPA	Economic Partnership Agreement
ESAs	Ecologically Sensitive Areas
ESA-IO	Eastern-Southern Africa and Indian Ocean
EU	European Union
EUD	EU Delegation
EUR	Euros
F&A	Fisheries & Agriculture
FAO	United Nations Food and Agriculture Organisation
FAO CCRF	FAO Code of Conduct for Responsible Fisheries
FCR	Feed Conversion Rate
FIF	Financial Information Form
GDP	Gross Domestic Product
GIZ	Deutsche Gesellschaft für Internationale Zusammenarbeit
GoU	Government of Uganda
Ha	Hectares
HoD	Head of Delegation
ICEIDA	Icelandic International Cooperation Agency
IGAD	Inter-Governmental Authority on Development
IOC	Indian Ocean Commission
JICA	Japan International Cooperation Agency
KARDC	Kajjansi Aquaculture Research and Development Centre
Kg	Kilogrammes
KE1, KE2	Key Expert 1, 2...

KOICA	Korea International Cooperation Agency
LogFrame	Logical Framework
M&E	Monitoring & Evaluation
MAAIF	Ministry of Agriculture, Animal Industry and Fisheries
MAOPE	Multi-annual Operational Programme Estimate
MCS	Monitoring, Control and Surveillance
MDAs	Government Ministries, Departments and Agencies
MIP	Multilateral Indicative Programme
MoFPED	Ministry of Finance, Planning and Economic Development
MUK	Makerere University of Kampala
MWE	Ministry of Water and Environment
NaFIRRI	National Fisheries Resources Research Institute
NAO	National Authorising Officer
NARO	National Agricultural Research Organization
NDP	National Development Programme (NDPI, NDP II, etc.)
NEMA	National Environment Management Authority
NIP	National Indicative Programme
NSSF	National Social Security Fund
PC	Project Coordinator
PE	Programme Estimate
PE Guide	Practical Guide to Procedures for Programme Estimates - Version 5.0, December 2015
PMU	Project Management Unit
PO	Producer Organisation
PPP	Public Private Partnership
PSFU	Private Sector Foundation Uganda
PSC	Project Steering Committee
SCM	Steering Committee Meeting
SEIA	Strategic Environmental Impact Assessment
SmartFish II	Implementation of a Regional Fisheries Strategy for ESA-IO
SOP	Standard Operating Procedures
STE	Short Term Expert
STTA	Short Term Technical Assistance
SUPE	Start-up Programme Estimate
T	Tonnes
TA	Technical Assistance
TAT	Technical Assistance Team
TCP	Technical Cooperation Project
TL	Team Leader
TOR	Terms of Reference
UCFFA	Uganda Commercial Fish Farmers Association
UIA	Ugandan Investment Authority
UGX	Ugandan Shillings
UNBS	Uganda National Bureau of Standards
UNDP	United Nations Development Programme
USAID	United States Agency for International Development
USD	United States Dollars
WAFICOS	Walimi Fish Cooperative Society

1 Introduction

This document has been prepared by the Project Management Unit to provide a quick, but informative outline of the PESCA Project for key stakeholders and implementers involved. To achieve this presentation and to align with this particular stage in the Project, the latest programme estimate document has been used as a base.

The document covers Project basic information and some specific detail to describe and elaborate the overall structure, activities and administrative arrangements that apply to the work to be undertaken.

2 Project Objectives, Purpose and Result areas

General Objective

This general objective of the project, as stated in the Financial Agreement, is to contribute to a competitive, job-intensive, environmentally-sustainable, and climate-resilient agricultural sector in Uganda.

Specific Objective

Its specific objective, as stated in the Financial Agreement, is to support the development of a competitive, job-intensive, environmentally-sustainable and climate-resilient aquaculture value chain in a comprehensive manner.

Purpose

To improve food and nutrition security, increase income and improve livelihoods, promote an environmentally-sustainable, inclusive and climate-resilient socio-economic development, focussing on a market-oriented aquaculture value chain targeting the national and regional markets, and focussing on smallholders and smallholders' associations.

Expected Results

The Project is based on three Result areas, which are indicated below:

Result 1: A sound policy and regulatory framework is developed (including in terms of promoting gender equality and women's empowerment, mitigating climate change/environmental impacts and contributing to climate change adaptation) and effectively enforced.

Result 2: Production and productivity of aquaculture fish and fish products enhanced, giving priority to locally-developed environmentally-sustainable practices and focusing on smallholder and rural livelihoods and the formation of gender-responsive producer groups.

Result 3: Post-harvest losses are reduced and marketing opportunities for of aquaculture fish and fish products created.

3 Synopsis

Project Codes	Financing Agreement: FED/2016/038-334 EU Project code: FED/2018/397-275/MAPE Government of Uganda Code:1494:
Effective dates	<ul style="list-style-type: none">• Financing Agreement was signed between EUD and MoFPED/NAO 13th January 2017• Procurement of the Technical Assistance Team (TAT) concluded 18th Sep 2017

	<ul style="list-style-type: none"> • Start-up programme estimate (SUPE) of (4) Months endorsed 8th Jan 2018 to 7th May 2018 • Multi Annual Program Estimate (MAPE) endorsed 27th June 2018 to 26 July 2022 • Project operational period 72 months • Total project duration period 84 • Addendum: An addendum to the agreement was approved by the EUD on 9/12/2019 to amend and extend the implementation as follows <ul style="list-style-type: none"> ○ Total project period increased from 72 to 84 months (13/1/2017 to 13/1/2024) ○ Duration of implementation period fixed at 72 months (13/1/2017 to 13/1/2023) ○ Duration of no-cost closure period fixed at 12 months which starts at 14/1/2023 to 13/1/2024) 						
Project funding	Grant funding from EU: Eur 10,000,000 Co-funding from GoU: Eur 250,000 Total funding: Eur 10,250,000						
Implementation structure	<ul style="list-style-type: none"> • European Union Delegation: Grant Donor from the European Development Fund • Contracting Authority/National Authorising Officer of the EDF: Ministry of Finance Planning and Economic Development (MoFPED) • Implementation Authority/Project Supervisor: MAAIF, with a Project Management Unit (PMU) within Directorate of Fisheries Resources in the Department of Aquaculture Management and Development • Technical Assistance Team (hired directly by EU) to support project • National Project Coordinator: Omanyi Paul 						
Funding for Start-up Programme Estimate (SUPE) 08/01/2018-07/05/2018	<p>Funds were committed under imprest component for the SUPE totalling to UGX: 742,924,400 of which GoU contributed Ugx 52,000,000.</p> <p>The main purpose of the SUPE was to finance the launching of the project and the preparation of the multi-annual operational programme estimate (MAPE). The following activities/outputs were achieved from 8th Jan to 7th May 2018 of the SUPE:</p>						
The Multi Annual Operational Program Estimate (MAOPE)	<p>MAOPE is the detailed, five year operation/implementation plan and budget of the entire project, whose main activities were developed during the SUPE.</p> <ul style="list-style-type: none"> • Date of MAAIF Submission to NAO–30th April 2018 • Date of MOFPED/ NAO approval–9TH May 2018 • Date of EUD Endorsement- 27th June 2018 						
MAOPE Budget as per approved Rider	<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Amount (UGX)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Total amount of the imprest component of the budget</td> <td>12,621,811,976</td> </tr> </tbody> </table>	No	Description	Amount (UGX)	1	Total amount of the imprest component of the budget	12,621,811,976
No	Description	Amount (UGX)					
1	Total amount of the imprest component of the budget	12,621,811,976					

	2	Total amount of the specific component of the budget	23,213,545,864
	3	Total amount of the GoU Contribution of the budget	7,575, 385,000
	4	Total amount of the budget of the programme estimate	43,410,742,840

4 Executive Summary

The **Promoting Environmentally Sustainable Commercial Aquaculture Project (PESCA)**, is funded by the European Union under the 11th European Development Fund (EDF) and the Government of Uganda (GoU). The general objective of the project, as stated in the Financial Agreement, is *to contribute to a competitive, job-intensive, environmentally-sustainable, and climate-resilient agricultural sector in Uganda*. The specific objective is *to support the development of a competitive, job-intensive, environmentally-sustainable and climate-resilient aquaculture value chain in a comprehensive manner*. While the Purpose is *to improve food and nutrition security, increase income and improve livelihoods, promote an environmentally-sustainable, inclusive and climate-resilient socio-economic development, focusing on a market-oriented aquaculture value chain targeting the national and regional markets, and focussing on smallholders and smallholders' associations*.

The three result areas through which the Project is set out to be achieved are:

Result 1: A sound policy and regulatory framework developed (including in terms of promoting gender equality and women's empowerment, mitigating climate change/environmental impacts and contributing to climate adaption) and effectively enforced.

Result 2: Production and productivity of aquaculture fish and fish products enhanced, giving priority to locally-produced environmentally-sustainable practices and focusing on smallholder and rural livelihoods and formation of gender-responsive producer groups.

Result 3: Post-harvest losses are reduced and marketing opportunities of aquaculture fish and fish products created.

Fish is one of the high value commodities that contribute to economic growth in Uganda. It contributes 3% to National GDP and 12% to the Agriculture Sector GDP. Total fish production in 2019 amounted to 602,440.7 tonnes, of which 27,172.7 t were exported. This generated USD 177.7 million for the country in 2019. The sector targeted to increase in annual production to 674,028 tonnes by 2020, valued at approximately USD 6.4 billion. Annual exports were projected to increase to USD 200 million.

Uganda has a developed fish processing sector and associated infrastructure and quality systems, which originally developed focused on the export of Nile perch products to Europe. This is a vital infrastructure / framework system that would be able to support the aquaculture sector processing and export requirements. A productive commercial aquaculture industry will have as one of its objectives as the supply of high-quality raw material for 'added-value' products for local, regional and international markets.

A study undertaken in 2012 and finalized in early 2013, "*Feasibility Study to Design, Cost and*

Operationalize Model Commercial Aquaculture Parks in Uganda” prepared by Poseidon Aquatic Resources Management Ltd provided detail and emphasis regarding the Aquaculture Parks (AquaParks) approach to developing the aquaculture sector. The study developed the concept and provided initial outlines and assessments of two AquaPark sites and potential management models based on a PPP approach. Initial financial feasibility was also undertaken given various assumptions regarding structures and layouts for the AquaParks, as well as species choices, capacities and operational approaches.

This concept has now been installed as a key pillar in the current project. This Promotion of Environmentally Sustainable Commercial Aquaculture in Uganda project is intended to implement the initiation of AquaParks in Uganda, with the two sites identified from the 2013 Poseidon study. The project now has the responsibility to confirm and develop those sites and provide for the actual start-up of operations (site confirmations, detailed feasibility, designs and construction activities), as well as outlining management models and investor partnerships arrangements that will install a management structure for its successful start and continuation of sustainable operations.

As a project activity, these AquaParks are seen as examples that will be a model for the further aquaculture park development in Uganda, with the intention for more sites to be developed to expand fish production and attract serious commercial investors to the aquaculture sub-sector in the future.

5 Project Implementation Structure

The planning and implementation of the project is under indirect management through the EU Financing Agreement UG/FED/O38-334, described in the Financing Agreement under 5.4.2., and their annexes (the General Conditions and the Technical and Administrative Provisions) and further guided by the 11th EDF rules and procedures, the Practical Guide to Contractual Procedures (PRAG) and the technical guidelines and recommendations provided by the identification reports and preparatory studies.

The Contracting Authority for the project is the National Authorising Officer (NAO) of the European Development Fund (EDF) in Uganda, Ministry of Finance Planning and Economic development (MoFPED).

The **Project Implementing Authority** is the Ministry of Agriculture, Animal Industry and Fisheries (MAAIF), through the Directorate of Fisheries Resources (DiFR) and the Department of Aquaculture Management & Development (DAMD). The Project Management Unit (PMU) headed by the National Project Coordinator is based in the DAMD. Technical Assistance, hired by the EU to support the project implementation is also based in the DAMD and forms part of the PMU. A Project Steering Committee (PSC) comprising members from MAAIF, other Ministries and Private Sector provides project strategic direction and management oversight.

Section 4.3 of the MAOPE provide for an Imprest Adminsitrator and Imprest Accounting Officer. The project imprest component is given under section Section 4.6 of the MAOPE. For purposes of easing project implementation under section 4.3 of the MAOPE the National Authorising Officer (MoFPED) partially delegated its powers to the Imprest Administrator and Imprest Accounting Officer. This partial delegation of powers is premised on the following conditions:

- Strict observance of the rules and procedures set out in the **Practical Guide to Procedures for Programme Estimates - Version 5.0, December 2015**, and in this Programme Estimate;
- Deposit of the authorised signatures of the Imprest Administrator and Imprest Accounting Officer (and of any substitute);
- Opening of one or more bank accounts, that requires(s) two signatures, that of the imprest administrator and that of the imprest accounting officer.

Pursuant to the Financing Agreement, article 2.1.2 (b) thereof, and in furtherance to the Practical Guide to Procedures for Programme Estimates (PRAG- version 5.0 - December 2015, section 1.4 which in part states *that the technical and administrative implementing arrangements for the programme estimate shall also name the substitute imprest administrator and the substitute imprest accounting officer*, the status of designation of the imprest administrators is currently as follows:

Designation	Name
Imprest Administrator (PS-MAAIF)	Maj. Gen. David Kasura Kyomukama
Subsitute Imprest Adminsitrator (US-MAAIF)	Ssegawa Ronald Gyagenda
Imprest Accounting Officer (Assistant Commissioner Accounts)	Nalweyiso Regis
<i>Substitute</i> Imprest Accounting Officer (Senior Accountant)	Muheki Ainea

Stakeholders, beneficiaries and target groups

At Governmental level, the main stakeholders will be the Directorate of Fisheries Resources (DiFR) under the Ministry of Agriculture, Animal Industry and Fisheries (MAAIF), the National Fisheries Resources Research Institute, the National Environment Management Authority, the Departments of Internal and External Trade, under the Ministry of Trade & Industry, Academic Institutions, Uganda National Bureau of Standards, Uganda Industrial Research Institute and the Local Government Authorities, as they are critical to training and offering an enabling environment for the development of aquaculture in the country.

At private sector level, the main stakeholders will be the aquaculture small holder farmers, as well as commercial and farmers' organisations including women and youth groups. Fish processing facilities operators, seed producers, feed processors, retail outlets, and the input dealers/suppliers will also benefit from the project.

Financing the investments in the commercial aquaculture value chain will rely initially on incentives through grants from the project. However, some banks may show interest to offer loans at conducive interest rates for agriculture use.

At the civil society/academia level, the project will collaborate with the fish conservation/fishers' organisations like the beach management units (BMUs) and fish conservation CSOs. Collaboration with major organisations such as World Fish is also envisaged. It is envisaged that the Fisheries Training Institute under MAAIF and the Department of Biology under Makerere University Kampala will also be critical in providing training to the private sector along the value chain in various issues.

Another category of stakeholders are the indirect beneficiaries of the programme, i.e. the end consumer of fish and fish products, some of whom may be vulnerable. They will benefit from a likely decrease of the prices due to increase production and availability of fish at local level and from an increase of the quality of the end product, due to improved standards and quality control. At all different levels of stakeholder's gender responsiveness and youths will be highly considered.

6 MAOPE Activities

The activities that will be carried out to achieve each of the expected results listed in the previous section are:

Result 1	A sound policy and regulatory framework developed (including in terms of promoting gender equality and women's empowerment, mitigating climate change/environmental impacts and contributing to climate change adaptation) and effectively enforced.
Activity 1.1	<i>Review and update most important sector related legislation, guidelines and policies in collaboration in with the Ministry and Water and Environment and the Ministry of Gender, Labour and Social Development, environment, climate change and gender measures will be mainstreamed in the updated legislation and policy.</i>
1.1.1	Preparatory activities in preparation for enactment of two Aquaculture related legislations
1.1.2	Review/development of Aquaculture regulations (Fish & Feed)
1.1.3	Development and updating Aquaculture guidelines
1.1.4	Printing, launching and implementation planning for the Fisheries and Aquaculture Policy
1.1.5	Review and update the Draft Aquaculture Development Plan and Strategy (2010-2015)
Activity 1.2	<i>Publication of updated legislation and make popularised versions in the main vernaculars</i>
1.2.1	Popular Versions prepared for Aquaculture Guidelines and Best Management Practices (BMPs)
Activity 1.3	<i>Review of current licensing and permission arrangements, with a view to establishing roles of key players (MAAIF, MWE, NEMA Local Government), improving inter-departmental communications and breaking down "silos" and rationalising the regulatory framework</i>
1.3.1	Rationalize the aquaculture enterprises licensing to eliminate parallel and redundant permits/regulations
Activity 1.4	<i>Devising & enforcing an aquaculture Monitoring, Control & Surveillance system</i>
1.4.1	Design and implement aquaculture monitoring, control and surveillance system

1.4.2	Develop & implement the fisheries and aquaculture bio-security and bio-safety system
1.4.3	Develop and implement Aquaculture Quality Assurance system
Activity 1.5	<i>Undertaking Aquaculture-related EIAs</i>
1.5.1	Conduct Environmental Impact Assessments (EIAs) of aquaculture activities to establish current situation in order to inform policy dialogue with other sectors.
Activity 1.6	<i>Assessing social aspects and community issues, including measures for conflict resolution</i>
1.6.1	Establish a framework for assessing social and economic aspects & measures for conflict resolution
Activity 1.7	<i>Institutional capacity building including on-the-job training for women and men (focused on activities undertaken in 1.1 - 1.5 above)</i>
1.7.1	Training of various activities related to activities 1.1 through 1.5
1.7.2	Build the capacity of public institutions to become on-job training centres of excellence
1.7.3	Support to staff and private sector actor missions, regionally & internationally for capacity building and sharing project result/ successes
Activity 1.8	<i>Support pertinent applied research to solve sector-related issues</i>
1.8.1	Applied Research Area 1: Feed.
1.8.2	Applied Research Area 2: Seed.
1.8.3	Applied Research Area 3: Production Systems
1.8.4	Support and implementation monitoring of research activities by MAAIF staff
Result 2	Production and productivity of aquaculture fish and fish products enhanced, giving priority to locally-developed environmentally-sustainable practices and focusing on smallholder and rural livelihoods and the formation of gender-responsive producer groups.
Activity 2.1	Promotion of gender responsive fish farmers' Producer Organisations (PO) to foster solidarity amongst both women and men in the commercial fish farming community, provide them with a concerted voice in the institutional/government debate (and conversely provide government with a coherent interlocutor).
Activity 2.2	Setting up a "one-stop-shop" (business unit where multiple services are offered) advisory service for potential investors covering technical, economic and legislative aspects
Activity 2.3	Devising Best Management Practice (BMPs) for main elements of the value chain, with due regard paid to internationally accepted norms (e.g. FAO CCRF aquaculture section and associated guidelines) to sustainable approach towards use of antimicrobials, as well as to environmentally sustainable and climate resilient practices (as informed by a climate change vulnerability assessment of the sector).
Activity 2.4	Conducting a survey to update the national aquaculture database and help resolve issues regarding the extent, location and technology of Uganda aquaculture production.
Activity 2.5	Upgrading the Feed output, quality and reliability, through assessing current local producers' outputs, developing a Ugandan capacity for feed analysis & diet formulation, improving current local feed production and lowering costs through locally sourcing of ingredients rich in key nutrients (protein and lipids) including locally available grains & protein-rich pulses. In addition, advising local feed producers (foreign & national owned) on the specific requirements for fish feeds.
Activity 2.6	Upgrading the Fish Seed output, quality and reliability through assessing current local producers' output, improvement of quality through a selective breeding programme based upon currently available (and allowable, i.e. non-exotic) broodstock, maintaining and distributing a reference

	broodstock resource, improving seed transport systems and promoting a move towards use of larger fingerlings in on-growing facilities for more efficient use of installed capacity
Activity 2.7	Supporting the on-grower segment through developing the extension service capacity, technical training of both female and male fish farm managers and workers as well as PPP placement/apprentice schemes for hands-on training. Deliberate efforts will be made to promote smallholder producers. Capacities of the extension service will be developed to deal with environmentally sustainable and climate resilient aquaculture practices.
Activity 2.8	Aquaculture Parks development
2.8.1	Confirmation of land and water site availability, boundaries demarcation and ownership
2.8.2	Aquaculture Parks' Management and Implementation Structure Set-up
2.8.3	Land-based Aquaculture Park: preparation of detailed engineering designs & supervision of construction
2.8.4	Cage-based Aquaculture Park: preparation of detailed engineering designs & supervision of construction
2.8.5	Apac & Kalangala Aquaculture Parks' Concept finalisation (including preparation of detailed feasibility studies and business / financial models for final designs and management concepts.)
Activity 2.9	Carrying out a public awareness campaign to alert potential investors and entrepreneurs and negotiating the Public Private Partnerships
2.9.1	Community baseline, engagement and sensitization
2.9.2	Attracting & Negotiating with partners/ mobilizing investors and associated activities to support construction APAC
2.9.3	Attracting & Negotiating with partners/ mobilizing investors and associated activities to support construction KALANGALA
Activity 2.10	Supporting the construction and equipment of the infrastructure for the Aquaculture Parks
2.10.1	Procurement of the Construction & Equipment contractor(s) for pond-based Aquaculture Park
2.10.2	Procurement of the Construction & Equipment contractor(s) for cage-based Aquaculture Park
Result 3	Post-harvest losses are reduced and marketing opportunities for aquaculture fish and fish products created.
Activity 3.1	Conduct a detailed market analysis for Ugandan farmed fish and fish products (policy, marketing infrastructure, transport, storage, post-harvest losses, etc.)
Activity 3.2	Prepare detailed feasibility studies and business plans for selected fish collection, distribution and marketing facilities identified in Activity 3.1.
Activity 3.3	Identifying Public Private Partnerships (PPP) mechanisms and/or other sources of finance for construction of the facilities

PICTORIAL FROM PROJECT ACTIVITIES



Mwena Site suitability Mission



ESIA- measurements for Physio-Chemical Analyses using Horiba Water Quality Monitor

7 Achievements

The Project was able to achieve the following;

Promoting Environmentally Sustainable Commercial Aquaculture Project in Uganda

PESCA Information Document October 2021

For more details, contact: Project Coordinator Mr. Paul Omanyi, Email Address: pomanvi@agriculture.go.ug Mobile: +256772630661

- a) The Commitment of funds under the call for Proposals before the D+3 contractual obligation deadline of 12th Jan 2020.
- The Direct Award to NARO – KARDC to undertake applied research and training in feed, seed and production systems with a commercial perspective. The grant is progressing with some key activities undertaken and underway.
 - The producer Organisation (POs), Preparing Best Management Practices (BMP) & Extension Capacity Enhancement (Lot 1) to Owan Mwan Aquaculture Limited. These Conducted inception meetings and some desk activities including the development of tools for data collection during the period
 - The Business Summit Africa are implementing the Lot 2 which is all about establishing a one-stop-shop advisory service for potential investors and conducting a survey to update the national aquaculture database to better inform sector status planning and reporting for public and private sector actors
 - ECRAM were awarded a grant to implement Lot 3 of the CfPs thus the Feed development and in particular to upgrade the Feed output, quality and reliability, through assessment of current local producers output that will contribute to the development of the Ugandan capacity for feed analysis & diet formulation, improving current local feed production as well as feed efficiency
- b) In addition to the above, the PMU concluded the contracting of the Design and Build contracts for the two AquaParks in Apac and Kalangala over the period and in-time with the contractual obligation deadline.
- Hard Screen Limited is implementing the land AquaPark in Apac and they are making progress in the acquisition of the pre-financing guarantee to facilitate their access to the resources under the grant. The project handed over the site to the contractor on the 2nd March 2020 to commence the works.
 - Engpro International won the contract to undertake the D+B works contract for the cage based AquaPark in Kalangala. These too have made some progress in terms of designs and accessing the pre-financing guarantee. Similarly, a site hand over was conducted in March and the contractor has full rights on site access.
- c) The project also contracted two STEs to undertake works on establishment of socio-economic baselines and the development of the Digital Marketing Platform for the marketing of the fish and fish related products.
- d) Midterm Review (MTR); the PMU received a mission team from Eurata Consortium – Agriconsulting Europe SA to undertake a Midterm Review in March 2020. The Exercise was concluded on time before the COVID-19 lockdown could kick in. a draft report is available with the EUD, NAO and the PMU for reference.
- e) The project through Government of Uganda completed the compensation process of the project affected persons in both Apac and Kalangala there by getting the Land required to build the Aqua Parks.

8 Challenges

The Project has faced some challenges during the period and these are outline herein:

- Delays in the procurement of the supervision service contract impacts on the delivery of the D+B contractors.
- Protracted procurement of the project vehicles and the training services under result area one.
- The outbreak of and continuing prevalence of the COVID-19 pandemic and the general government measures put in place affected project operations for about three months:
 - *The project team is observing the GOU SoPs at work and in addition the Project is in the process of procuring laptops for the project staff to work remotely and reduce the risk of exposing them to the pandemic)*
 - Schedules of on-going contracts have also been affected. The contractors have been advised to adjust their schedules and submit for approval any changes from the previous timelines.