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# PARTNERSHIP FOR ECONOMIC GROWTH

USAID/EAST AFRICA PROGRAM

TENTH QUARTERLY REPORT, JULY – SEPTEMBER 2013

OCTOBER 30, 2013

This publication was produced for review by the United States Agency for International Development. It was prepared by DAI.

# PARTNERSHIP FOR ECONOMIC GROWTH

**USAID/EAST AFRICA PROGRAM**

**TENTH QUARTERLY REPORT, APRIL - JUNE 2013**

**Program Title:** Partnership for Economic Growth

**Sponsoring USAID Office:** USAID/East Africa/LPC Somalia Program

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# PROGRAM SUMMARY

The Partnership for Economic Growth (Partnership) program is designed to help local authorities and private sector groups improve the enabling environment for investment and generate more productive employment. This is the first development initiative targeting economic growth for the USAID/EA/LPC Somalia program, and is partially funded with Department of Defense 1207 funds transfer. The funding was supplemented by a Department of State grant during the second quarter to be used for communications and outreach activities.

The Partnership program activities focus on two areas: private sector development, including women's business development, and strengthening specific productive value chains. As a result of the comprehensive assessments completed in the first quarter, the Partnership designed three sub-activities which address two value chains- agriculture and livestock – and a concentrated set of cross cutting business enabling environment activities. The Energy component of our Business Environment sub-activity became its own sub-activity in the fourth quarter; and the program launched the Puntland sub-activity in the sixth quarter. The sub-activities are spread geographically with livestock in the east in the Buraq area, agriculture in the western Borama area, a number of discrete Business Environment (BE) and Energy activities centered in Hargeisa, and the Puntland sub-activity based in Garowe.

Based on USAID reviews of the sub-activity designs, by the end of the tenth quarter the Partnership team is happy to report that all activities were complete – including harvesting and yield analysis of Season 3 of the Agriculture sub-activity; development of the Investment Guide under the Business Environment sub-activity; installation of the wind turbines under the Energy sub-activity; dispersion of grant funds under the Partnership Fund activity; and close-out of all sub-contracts under the Livestock Sub-Activity.

## INTRODUCTION

Pursuant to the requirements of the Partnership for Economic Growth program, Contract No. AID-EEM-I-00-07-0009/AID-623-TO-11-00001, the DAI Nathan Group (DNG), a joint venture between DAI and Nathan Associates formed in response to the General Business, Trade, and Investment II (GBTI II) IQC, is pleased to submit the Ninth Quarterly Report covering July 1 – September 30, 2013. DAI is the lead joint venture partner for DNG for this contract and has sole implementation responsibility and oversight of the program. CNFA is the international subcontractor responsible for the Livestock Sub-Activity.

## STAFFING & SUPPORT

The Partnership is led by Program Manager, Mr. Suleiman Mohamed. During the tenth quarter he was supported by the following full time staff and short-term staff consulting support:

### Project Staff:

- Private Sector Specialist / Deputy Program Manager - Zaki Raheem
- Livestock Team Leader –Ismaila Kane
- Communications Specialist – Kaltun Hassan
- Operations Manager - Deqa Ismail
- Finance and Administration Manager – Erica Bonanno
- Procurement Specialist – Hirsi Farah
- Investment Promotion Specialist – Adam Ismail
- Agribusiness Advisor – Adan Muse
- Livestock Deputy Team Lead - Abdi Osman
- Animal Production Specialist - Abdirizak Warsame
- Puntland Livestock Coordinator - Ahmed Artan
- Senior M&E Officer – Mubarak Abdi
- Assistant Grants and Monitoring Officer – Fuad Salan,
- Accountant - Khadar Abib
- Administrative Assistant (Hargeisa)- Amal Mohamed
- Admin Assistant (Burao) – Hodan Warsame
- Admin Assistant (Borama) - Abdishakur Abdillahi
- Admin Assistant (Puntland) – Abdillahi Ali

DAI home office support has been provided by:

- Danny Adams – Project Manager
- John McGuire - DAI Contracts Specialist
- Linnea Hatteberg – Project Associate
- Ariwan Susey – HO MIS/TAMIS Specialist
- Steve Jacobson – HO Project Officer, CNFA

Short Term Technical Assistance (STTA) during the Tenth Quarter is shown in the table below:

Quarter 10 Partnership for Economic Growth STTA Summary		
Personnel	Position	Period of Performance
Emily Foster	Home Office Project Associate	
Umesh Menon	Senior Investment Promotion Advisor	
Danny Adams	Home Office Project Manager	

## SUMMARY OF PROGRAM HIGHLIGHTS THIS QUARTER

By the end of the tenth quarter the Partnership team is happy to report that all major activities were complete:

1. A Season 3 Market Day was held in Amoud, Baki and Ruqi with vendors and traders.
2. The windmill at Amoud University's demo plot was installed and is now fully operational.
3. An Investment Promotion workshop was held in Hargeisa with key Ministries and investors, including the Ministry of Commerce's Investment Climate Unit.
4. The draft final English version of the Somaliland Investment Guide was reviewed by the 10 major Ministries and institutions that had been involved in its development. The Investment web portal was developed and the Somali translation of the Guide also began this quarter.
5. The Puntland Business Directory and Investment Guide were printed, shipped, launched and disseminated this quarter.
6. All installation and electrical works for the wind turbines at the Hargeisa Airport and Tayo Energy's Berbera site were completed this quarter.
7. All Livestock activities ended this quarter including the completion of the Community Animal Health Worker Minimum Standards Curriculum, the Livestock End Market Study, and the launch of the livestock drug awareness campaign.
8. Field work and a stakeholder workshop for a South Central Somalia Economic Growth Assessment were conducted this quarter.
9. Within the Partnership Fund, Shaqadoon hosted Somaliland's first Job Fair; civil works were completed for Muliyo Salt company in preparation for the arrival of the salt processing equipment from India; drip irrigation for Anaam Farm was delivered and installed; gas cylinders for Afjireh Gas cook stove company arrived; and the fishing boats and equipment for GETCO and Red Sea Fishing arrived this quarter.

# PROGRESS THIS QUARTER

## TENTH QUARTER, JULY 1 – SEPTEMBER 30, 2013

In the section below, we present progress for the tenth quarter of the project covering July 1 through September 30, 2013, against each of the relevant tasks. Tasks follow the same organizational format that was used in the first annual work plan. Tasks are broken into six areas: program mobilization, the four technical phases of the program, and monitoring and evaluation. The four program technical phases are:

1. Phase One: Participatory Assessment and Technical Analysis
2. Phase Two: Prioritize, Design, and Develop Sub-Activity SOWs
3. Phase Three: Implementation
4. Phase Four: Localization

Each program area and technical phase relevant to the tenth quarter is presented in detail below.

### MOBILIZATION

***Mob Task 1: Sign and fully execute contract. Completed first quarter***

***Mob Task 2: Hold Inception Meetings with USAID in Nairobi. Completed first quarter***

***Mob Task 3: Register with the Government of Somaliland. Completed first quarter***

***Mob Task 4: Establish banking services in Hargeisa, transfer funds. Completed first quarter***

***Mob Task 5: Establish, secure, and set up office in Hargeisa. Completed second quarter***

***Mob Task 6: Procure IT equipment and vehicles.*** Procurement completed in third quarter; the project's server set up was completed during the fourth quarter.

***Mob Task 7: Recruit Somali LTTA staff*** –These positions were filled and completed in the first three quarters of the project. With the approval of the sub-activity and Grants SOWs, more technical staff needs were identified and filled towards the end of the first year and beginning of the second year of the project. .

***Mob Task 8: Establish communications and IT capability.*** Completed during the fourth quarter

***Mob Task 9: Field program manager and other key personnel.*** All key staff positions have been filled

***Mob Task 10: Field assessment team.*** Completed first quarter

***Mob Task 11: Deliver first annual work plan.*** Completed end of second quarter. Revised plan submitted in third quarter

***Mob Task 12: Deliver strategic communications and community outreach plan.*** Completed second quarter

***Mob Task 13: Host public Launch Event for the Partnership for Economic Growth.*** Completed first quarter

***Mob Task 14: Submit draft Grants Management manual for approval.*** Completed second quarter

## **PHASE ONE: PARTICIPATORY ASSESSMENT AND TECHNICAL ANALYSIS**

All Phase 1 tasks were completed during the first quarter.

*P1, Task 1: Conduct value chain assessment and mapping for livestock and fisheries*

*P1, Task 2: Assess potential of other productive value chains.*

*P1, Task 3: Assess private sector development technical areas.*

*P1, Task 4: Agree on shortlist of sub-activity possibilities with USAID.*

*P1, Task 5: Deliver assessment chapter one: business enabling environment.*

*P1, Task 6: Deliver selected written components for assessment chapter two: enterprise development.*

*P1, Task 7: Conduct business environment survey.*

## **PHASE TWO: PRIORITIZATION, DESIGN, AND DEVELOPMENT OF SUB-ACTIVITY SCOPES OF WORK**

Tasks 1 through 7 were completed during the first quarter

*P2, Task 1: Engage Chamber of Commerce, Ministry of Commerce and/or other key counterparts.*

*P2, Task 2: Convene first stakeholder's conference.*

*P2, Task 3: Deliver any outstanding written components for assessment chapter two.*

*P2, Task 4: Deliver value chain assessments and maps for livestock, fisheries, and energy.*

*P2, Task 5: Deliver assessment chapter four, other potential productive value chains.*

*P2, Task 6: Confirm USAID endorsement of prioritized sub-activities.*

*P2, Task 7: Develop SOWs and budgets for prioritized sub-activities.*

*P2, Task 8: Convene second stakeholder's conference.* Completed second quarter

*P2, Task 9: Develop sub-activity SOWs/action plans into MOU and/or GDA agreements with partners.*

- Completed between September 2011 and June 2012.

*P2, Task 10: Compile all chapters and deliver final private sector development assessment report.* The Somaliland Private Sector Assessment Report was completed in the second quarter. The South Central Somalia Economic Growth Assessment (field work and stakeholder workshop) was conducted during the tenth quarter and will be completed in the eleventh quarter.

## PHASE THREE: IMPLEMENTATION

Implementation of the Partnership's activities thus far is summarized as follows:

***P3, Task 1: Launch selected sub-activities.*** The scopes of work for all of the sub-activities were approved in the first year and second year of the project by USAID. Other activities that were identified along the way have also all been approved. All activities were launched and underway.

***P3, Task 2: Implement selected sub-activities.***

### **Agriculture Sub-Activity**

#### Amoud University Contract Modification

In February 2013, a contract modification was approved that expanded Amoud University's activities to a third season. Hence, key activities carried out in Seasons 1 and 2 were continued over for a third season, including extension services, farmer field days, business extension training, and market days with farmers and vendors. In addition, the modification included supporting participating farmers and vendors with risk capital to encourage adoption of new seed varieties and other agriculture and business practices on their own farms; and a redesign of the seed production activity at the Amoud plot whereby traditional seed production practices are incorporated.

To date, the project has been a tremendous success. The initial yield analyses from Season 1 and Season 2 demo plots have shown average yields have exceeded all targets and baseline estimates compared to average Awdal farmers; and Season 3 results are also expected to show similar positive yield results for the onfarm trials with contact farmers. There has been strong adoption of basic financial literacy principles by farmers, traders and vendors who participated in the business and literacy classes. In addition, many of the agronomic techniques such crop spacing, soil fertility, furrow planting, and crop rotation that were taught in the demo plots during farmer field days were adopted by participating contact farmers on their own farms. Finally, the demo plot and greenhouse at Amoud University is frequently being used by the Faculty of Agriculture as a place of field learning for their students; and the school also began an agronomy Master's program this quarter – which all extension workers under this activity have enrolled in – that also uses the Amoud plot as part of their studies.

However, Amoud University faced two challenges in Season 3. Firstly, due to destruction of fields early in the growing season caused by heavy rains in March 2013, the planting at the Amoud plot was delayed, which caused delays in growing and harvesting times. In March there were 15 days of consecutive heavy rains, which led to flash floods throughout the region. Nurseries were destroyed both at the Amoud plot and on some of the farms of the participating contact farmers in Baki and Ruqi, and replanting had to be done in April and May. As a result, the expected March – July growing seasons had been delayed to May – August (with harvesting in late August for some crops and early September for others). With a goal of documenting the performance of on-farm planting of the best performing varieties as a major goal for this activity, a second contract modification was developed that extended the period of performance for the Amoud team through September 2013.

In addition, a modification was made to Amoud's deliverable focused on "piloting a new practice of seed cleaning, packaging and marketing at its seed farm / demo plot." After being trained on traditional / intermediate seed cleaning technologies at the beginning of Season 3, the Amoud team gained capabilities to engage in such an activity. However, while Season 1 and 2 focused on testing adaptability of seed varieties for disease/pest resistance and yield potential, it did not specifically test for potential to commercialize seed production. Testing for high yielding varieties that are ideal for seed production will take further trials to review other technical aspects such as handling, storage and germination rates. For example, it was found that in Season 3 this quarter, some relatively good yielding varieties did not produce a lot of seeds; and hence would not be ideal for marketing purposes.

The team recognized from the beginning of the Partnership program that this endeavor was a pilot activity, and while Amoud will be able to clean and package seeds during Season 3 harvest for research purposes, it will not be able to market these packaged seeds to farmers (yet) and hence it is not feasible for commercial seed sales activities to begin this season. However, as an important research endeavor for Amoud's future plans to either be a center for seed production and sales and/or a center for seedling production and sales, Amoud developed a lessons learned report on how seed production can be marketed in the future, and how their experience in seed production during Season 3 can be learned from and built upon in future seasons, to possibly consider seedling marketing instead of or as a complement to seed marketing as a cost recovery mechanism for the project.

#### Ongoing On-Farm Activities

81 Contact farmers in Baki, Ruqi and Amoud – who had participated in the Season 1 and Season 2 demo plot field days and had been provided risk capital during the previous quarter, had been encouraged to use the new agriculture practices to plant the best performing tested varieties for each selected vegetable and fruit crop during Season 3. In July which was towards the end of Season 3, Amoud extension agents and supervisors continued extension services such as guidance to farmers to adopt good farming systems and farm management practices.

On-farm crop harvests for Season 3 took place this quarter and data is being analyzed. The extension agents and supervisors engaged in crop harvesting, weighing collecting and recording harvest data and other related information. While the March rains had caused some delays in harvest, generally the crop conditions at Amoud University seed production farm and on the participating plots were good. A Season 3 yield analysis will be drafted in October and next quarter.

#### Windmill

After some delays over the past few months, the Amoud team installed and began operations of the on-site windmill this quarter, which was procured from an Ethiopian company last year.

#### Field Day

A final Field Day for Season 3 was held in mid-July at each participating farming community to review major lessons learned over the past three seasons including crop spacing, crop rotation, and nursery management. The most important topics that were discussed by the farmers during the Market Day were concerns about the differences between farmer's practices and recommended practices by the Partnership-support Amoud extension workers, to ensure yield optimization. Most of the farmers who adopted the new technologies such as crop spacing, crop rotation, nursery management practices showed that their production costs have reduced, product quality and yield have increased with better pest/disease control. During these field days, the participants visited fields of farmers who used both their traditional methods side by side with improved practices that they learned from the project. The performance of the crops

under the two conditions was very different with crops under the improved practices showing much healthier crops, and farmers appreciated the benefits of the new approaches.

#### Market Day

Amoud University hosted its Season Three Market Day in late July for participating Amoud and Borama farmers and vendors. The overall objective of the Market Day was to showcase crop variations and to exhibit the fruits and vegetables of the contact farmers' third season harvest, while building stronger linkages between area farmers and vendors interested in new seed varieties. This workshop was essential to continue to test the project's hypothesis that improved agricultural practices with new seed varieties may lead to more productive yields and niche markets that local vendors and consumers will prefer. Feedback from all stakeholders, particularly the local green market vendors, was documented by the extension workers and the Amoud agriculture team. Evidence suggests that there was a large uptake by contact farmers of new agronomic practices taught on the demo plots during Seasons 1 and 2; and that the tested seed varieties outperformed the average Awdal region horticulture farm. Monitoring of harvests continued throughout the quarter.

SATG's final monitoring report, which will be delivered next quarter, will review yield estimates of participating farmers compared to average Awdal farmers; and compare onfarm contact farmer yield results with demo plots results.

### **Business Environment Sub-Activity**

#### Capacity Development for the Investment Climate Unit (ICU):

The Partnership's Business Environment team organized an Investment Promotion Workshop to build upon the learning and preparation for the launch of the Investment Guide with key government and private institutions. The event was held at Maan Soor Hotel in Hargeisa on July 13 and 14 and was well attended. The workshop was facilitated by Mr. Umesh Menon, Senior Visiting Faculty from the Entrepreneurship Development Institute of India and a Senior Investment Promotion Advisor for UNIDO, who has provided investment promotion advisory services to Investment Promotion Agencies throughout Africa over the past 15 years. Among the attendants of the workshop included staffs from major ministries concerned by the investment guide such as Ministries of Commerce, Planning, Agriculture, Livestock, Industry, Fishery and Energy, as well as local investors in the livestock, tourism and energy sectors. The workshop provided a comparative overview of how neighboring countries have utilized Investment Guides to complement pre-investment and after care support for investors and engaged in a brainstorming sessions with participants about developing an investment strategy for Somaliland.

The BE Team also met the new Minister for Commerce Hon. Dr. Mohamed A. Omar, who is the former Minister of Foreign Affairs, this quarter to provide an overview of the Partnership's support to the Ministry over the past two years. The Minister showed his strong enthusiasm and support for the BE activities. He indicated that he was planning to establish a Somaliland Investment Promotion Agency (IPA) / Investment Department, which would be a transformation / expansion of the Investment Climate Unit (ICU), and has been coordinating this effort with the Ministry of Planning. He envisions either the ICU or a newly developed IPA to house the Investment Guide and manage the Investment web portal; and become a one-stop shop for investors.

#### Somaliland Investment Guide

Following the completion of the drafting of the Investment Guide Chapters, the BE team organized a successful investment guide technical discussion / validation workshop meeting in July with various stakeholders of the Somaliland Investment Guide Technical Advisory Committee (SIGTAC), including technical representatives from the Ministries of Commerce, Planning, Agriculture, Livestock, Industry,

Fisheries and Energy as well as the Chamber of Commerce and the Somaliland Diaspora Agency. The main purpose of the meeting was to discuss the draft of the Investment Guide and provide feedback. The BE team handed out draft copies of the investment guide and then made a brief presentation about the rationale behind developing the investment guide and asked participants, who were mostly senior officers from different ministries, to read their respective chapters and then share their feedbacks with the team. The Minister of National Planning and Development Dr. Saad Ali Shire attended the meeting which underlined how the government was appreciating and interested in the investment guide. In addition to those who mentioned their comments in the meeting, the BE team also gave others the chance to send their feedback via email - PartnershipInvest@dai.com.

Towards the end of the quarter, the English version of the printed Investment Guide and the English section of the Investment web portal ([www.SomalilandInvest.net](http://www.SomalilandInvest.net)) were completed. The Somali translation will be completed next quarter. Upon completion, both versions will go to print, the website will go live, and the Ministry of Commerce (which changed its name to the Ministry of Trade and Investment) will host an Investment Guide launch.

#### Somaliland Business Confidence Survey:

The key findings of the 2011 and 2012 Business Confidence Surveys were consolidated into a “Business Perceptions” chapter of the Investment Guide.

#### Puntland Investment Guide

The Puntland Chamber of Commerce completed the printing of both the Puntland Business Directory and Investment Guide this quarter and the first consignment of the books arrived in Garowe in early August.

In mid-August, the Puntland Chamber of Commerce launched its first Business Directory and Investment Guide in Garowe. The Partnership program has provided financial and technical support for both of these documents over the past 6 months of development. The high-quality printing was done in Nairobi for both publications which will be widely distributed throughout Puntland. The Chairman of the Puntland Chamber of Commerce Mr. Saciid Ciid, addressing the audience at the launch ceremony, expressed his deep appreciation for USAID’s support for this important activity. He shared the highlights of both publications – including the process of investing in Puntland, the key business sectors that are profiled, and the diversity of small and large businesses who contributed their contact information to the Directory. 35 participants from the local community, private sector, and media attended the launch. Other distinguished guests included the Minister of Commerce and Trade Mr. Ali Ahmed Gamuute. The Partnership team was represented by the Program Manager, Communications Specialist and Senior M&E Officer. Media attending the launch included SAHAN Radio, Somali Channel TV, Puntland TV, Garowe Radio, Kalsan TV, Puntland post (website), Raxareeb.com, allsbc.com, Radio SBC, Puntland.com and Garoweonline.com.

### **Energy Sub-Activity**

#### Energy Act and Regulatory Framework:

The Partnership-supported draft Electrical Energy Law was submitted by the Ministry of Mining, Energy and Water Resources, (which has since been renamed Ministry of Mines and Energy) and was received at the registry of the Office of the Council of Ministers late last quarter. The draft law is scheduled to be tabled soon at the Council of Ministers meeting. This quarter, the Partnership team continued to follow up with the relevant authorities to request for the process to be expedited.

### Wind Energy Power Generation Infrastructure:

This quarter, the wind data monitoring stations continued to generate useful data. By July, the Hargeisa station had registered maximum wind speeds around 32m/s – some of the highest in all of Africa. The data has become an important focus for donors helping Somaliland with various support as well as the private independent power providers (IPPs) who now have more confidence to invest in the wind energy subsector. The wind data monitoring stations inspection by Campbell Scientific took place this quarter. A Campbell Scientific engineer made site visits to all four stations with Ministry of Mining and Energy engineers accompanying him to gain hands on experience through the verification process. Campbell Scientific has agreed to continue to host the data on their website:

<http://www.csafrica.co.za:8080/DAI/index.html>. Also, once the Somaliland Investment Guide web portal is active, there will be a direct link to the wind data from the site at:

[www.SomalilandInvest.net/Energy/WindDataMonitoring](http://www.SomalilandInvest.net/Energy/WindDataMonitoring). The CSI web developer expanded the axis from 3 months to 6 months, in order to show wind speed and temperature trends over a longer period of time.

Golis Solar and the Partnership's Energy Specialist worked diligently this quarter to complete the installation of the five wind turbines at the Hargeisa Airport. One of the last civil works components included connection of distribution wiring between the airport and the wind farm, which was successfully in mid-July. Also in mid-July, the Energy Specialist completed the electrical wiring, and other electronic testing of the wind turbines and accessories. The equipment is working according to manufacturer's specifications and is ready for integration and synchronization with the grid and generators that serve the airport. During his installation process, the Ministry's Electricity Inspectorate Unit engineers and technicians have been receiving on-the-job training on all the aspects of installation of the wind turbines. A test run was carried out on the grid on July 31 and the five 20kW turbines actually up to 125KW to the grid at some point, and – highlighting the incredibly windy location where the wind farm is situated.

The Hon. Hussein Abdi Duale, Minister for Mining and Energy paid a courtesy visit to the Egal Airport Wind Farm this quarter. He was given a tour of the site by the engineers who explained the wind farm installation process. The Hon Minister was pleased with the progress. The Minister also visited the Wind Data Monitoring Station at the Egal Airport. The DG shared his enthusiasm with the progress of the wind farm, as well, and commented that up to 3 or 4 of every 10 calls he receives these days are from interested government staff, local businessmen, power providers and other investors wanting to know more about the wind farm.

A second round review of the Public-Private Partnership (PPP) document for the Pilot Wind Energy Project (PWEP) with individual consultative meetings between the Partnership's management team and the Ministries of Aviation and Energy, the DGs and Ministers of both Ministries took place this quarter. A final determination and announcement of the PPP bidding process has been held up by delayed discussions between the two Ministries (Energy and Aviation) regarding the management of the wind energy plant, and the management of the private partner in the PPP arrangement. The final PPP document is expected to be completed next quarter once the documentation and management structure is agreed upon – this is expected to happen early in the next quarter. RFP development and review process will be done through the National Tender Board.

The Partnership team was invited to the opening of the Hargeisa Airport in August, after the runway expansion construction project was completed. The Minister of Civil Aviation and Air Transport Hon. Mohamud Hashi Abdi presented the Partnership program with a Certificate of Appreciation for the wind farm and wind data monitoring activities at the Hargeisa Airport. The Partnership Program Manager accepted the certificate on behalf of USAID.

## **Livestock Sub-Activity**

### Livestock Subcontracts:

**Candlelight** completed all its remaining activities this quarter.

- In July, Candlelight recruited an Animal Feed Specialist to conduct an analysis of the fodder activities conducted under the Partnership program – both in Somaliland and in Puntland.
- The team distributed hand tools to the beneficiaries of the project intervention areas. The hand tools were distributed to farmers to support them with fodder production.
- Candlelight also finalized the translation of the Somali version of the fodder booklet to prepare for dissemination in the major fodder growing communities in which they have been working.
- A fodder production training/awareness video was also developed this quarter. While the video serves as a good awareness raising video, it is not a step by step guide to fodder production, harvest and storage. As a result, the Partnership team reached out to IBTCI's communication team this quarter to explore possibilities to create a step by step guide with the support of the Partnership's livestock and communication team.
- A final report was delivered and approved by the team, bringing this activity to a close.

**Vetaid** completed all its remaining activities this quarter.

- Vetaid has held two, two-day workshops in Burao and Las Anod in July. The Burao workshop was attended by participants from Togdheer and Sanaag, while the Sool workshop was specific to the Sool Community Based Animal Health Workers (CBAHWs). Forty CBAHWs and 12 pharmacy owners took part in the workshops. The main objective of the workshops were to establish linkages between existing and newly trained CBAHWs and retailers of veterinary drug outlets located in these major urban towns. Establishing such linkages is essential to ensure that CBAHWs get secure and continuous access to veterinary drugs after exhausting the supplies received after their training.
- The Partnership, through its activity with Vetaid, provided risk capital to vet drug retailers this quarter. Certified livestock veterinary drugs were provided to 12 local veterinary drug outlets that had been selected from Sool, Sanaag and Togdheer. Vetaid established linkages between CBAHWs from these regions and the pharmacies. Such linkages will ensure a continuous input supply for CBAHWs.
- A final report was delivered and approved by the team, bringing this activity to a close.

**Vet Board** completed all its remaining activities this quarter.

- The Somaliland Veterinary Board (Vet Board) submitted the Community Animal Health Worker Minimum Standards Curriculum for review early this quarter. The curriculum was developed in a consultative and participatory manner, and was also tested under practical field conditions with 'older' and newly trained CBAHWs. After the pre-testing period the trainees identified the gaps and strengths of the manual and made recommendations for further improvement. These inputs were later incorporated into the manual.
- The Vet Board held a one-day validation workshop on the Standard Training Guidelines of Community Based Animal Health Workers (CBAHWs). More than 30 participants representing FAO, Relief International, Candlelight, VetAid, and Ministry of Livestock, participated. The Director General of the Ministry of Livestock addressed the participants in his official opening speech and urged the participants to contribute greatly to the finalization of this historical document. Participants

were divided into 6 working groups and asked to discuss the comprehensiveness of the topics, specified in the contents as well as the appropriateness of the teaching methodologies and approaches proposed. Participants were encouraged to provide their feedback to Vet Board. The inputs and suggestions of the participants were shared in a plenary session. Vet Board incorporated all the comments and observations into the final draft of the Standard Guidelines for CBAHWs training. The Vetboard completed its work and submitted its final deliverables.

**AWKE Media Production Company** supported the Vet Board and the Partnership team in launching a livestock drug awareness campaign this quarter. The campaign provides drug information related to the quality, use (e.g. proper administration of antibiotics) and disposal of used and expired veterinary drugs to primary stakeholders, namely livestock producers, drug importers and drug outlets, veterinarians and para-veterinarians (CAHWs and Animal Health Assistants). Also, awareness guidelines were developed that consumers should follow, such as to check for abnormal appearances of packaging of livestock drugs, to procure drugs only from licensed drug outlets and pharmacies, and to avoid suspiciously inexpensive drugs. The campaign will run for three months (August – October 2013), and hence will finish next quarter.

The awareness campaign was officially launched in Somaliland on July 29 at the Mansoor Hotel. The launch event was jointly organized by the Partnership, the Somaliland Veterinary Board and Awke Media Productions. Participants of the event included nearly 60 key livestock stakeholders including the Ministry of livestock, private veterinarians, Community-Based Animal Health Workers, NGOs, UN agencies, importers and retailers of veterinary drugs, pastoral associations, Chambers of Commerce and livestock traders. The spectrum of the awareness material exhibited at the launch included posters, leaflets, and stickers. The event received strong media attention including from five print newspapers, one website, two radio stations (Voice of America and Radio Hargeisa) and two major TV outlets (Universal TV and Somaliland National TV). The DG of the Ministry of Livestock officially opened the 3-month campaign which will target key livestock drug awareness messages to pastoralists, vet drug pharmacies, traders and importers.

**Quality Drugs leads to Healthy Animals leads to Healthy People”**  
 - The new slogan of the Vet Board’s livestock drug awareness campaign

Colorful billboards such as this one are set up in livestock markets and pastoral areas to share simple clear messages about the use and disposal of healthy livestock drugs.

**Partnership Fund – Livestock Grantees:** The livestock technical team continues to play an active role in the Partnership Fund; all grants for the four livestock partners were completed this quarter. The livestock team is providing assistance to the implementation of the deliverables under their contract, by establishing linkages between the grantees and sub-contractors in terms of animal feed and health activities.

- **International Livestock Raising Company / Anaam:** After a variety of challenging supplier and shipping delays over the past few months, the drip irrigation equipment for Anaam's fodder farm arrived at Berbera port in July and was immediately delivered to their Burao site, where it was verified by a local partner. Installation of the equipment took place in late July and early August by a Kenyan technician hired by the supplier as part of the procurement agreement.
- **Al Hussein:** Al Hussein farm sold off the final livestock that they had fattened for about 30% profit, after a weight gain of over 35%. Al Hussein completed its grant activities with the completion of the sale of the last livestock purchased under the grant funds this quarter. The farm began a second fattening and re-sale cycle by procuring sheep and goats from rural areas, including 72 heads which the farm will keep in the fattening holding pen for the coming months. These are targeted for resale during the peak demand Hajj season. Al Hussein submitted its final progress report, which includes profit and loss statement of the business' first fattening season.
- **Horumar Camel Dairy Farm:** The installation of the portable solar equipment for Horumar Camel Dairy farm was completed this quarter. The solar-powered fridges will be placed in different milk collection centers 50-75km outside of Burao to preserve the freshness of the milk supplied by the out-growers to Horumar. In addition, Horumar Farm manager submitted the financial progress report of the farm this quarter. An increase in the level of milk production is reflected in the report as a result of the additional camels procured by the grant allocated to Horumar.
- **Togdheer Women's Livestock Traders Association (TWLTA):** Togdheer Women's Livestock Traders (TWLTA) has succeeded in getting competitive prices for their sheep this quarter. A record price of \$90 per head was obtained from the sales. The purchase price was \$85 per head so a 5\$ profit was realized. These attractive market prices are a result of Ramadan which took place this quarter, which generally increases demand and sale price. In addition, TW LTA designed and established a webpage this quarter to publicize and promote their livestock trading activities. The women-only trading company took a bold step to keep up with the times and effectively compete with the male dominated livestock trade. The website address is: [www.womenlivestocktraders.com](http://www.womenlivestocktraders.com), which they are now populating with relevant information and data.

**Livestock End Market Analysis Sub-Contract:**

AIMS Consulting and the Livestock Team presented the results of the Somali Livestock End Market Study in Nairobi in early July. The half-day presentation brought together over 30 Somali livestock practitioners from institutions such as USAID, FAO, UN, AU-IBAR, ILRI, and livestock NGOs, among others. The presentation provided strategies and recommendations for improving the competitiveness of Somali livestock and livestock product exports, in both the short and long term. This is the first Somali livestock end market study in over 20 years and involved extensive end-markets field work in Saudi Arabia, UAE, Qatar, Oman, Kuwait, Yemen, and Egypt. The study's synopsis will form the basis of the livestock investment chapter of the Investment Guide and will be translated to Somali and widely disseminated. After the presentation, AIMS Consulting is expected to deliver a final report on the Livestock End-Market study latest by the end of this week. The final

report of the study was also submitted and approved this quarter, so this activity has come to an end. A summary of the report will be used as the Livestock Investment Chapter of the Investment Guide.

### **Puntland Sub-Activity**

#### KISIMA NGO – supporting Livestock Value Chain activities in Puntland

**Kisima** completed all its remaining activities during the quarter.

- This quarter, a Senior Veterinary Vaccine Cold Chain Specialist conducted an assessment on the vaccine supply chain situation in Puntland to collect information on the animal vaccination program being implemented in Puntland which includes the actual cold chain and vaccine management practice, the functionality and capacity of existing equipment and the capability of available manpower.
- In addition, KISIMA finalized the procurement and installation of solar panels and accessories for the newly constructed vaccine rooms. This is to ensure that there is a sustainable supply of green electricity for the Puntland livestock vaccine storage cooling system. Kisima arranged a ceremony in which the established structures were handed over to the Ministry of Livestock and Animal Husbandry.

#### KAALO NGO – implementing Livestock Value Chain support activities in Puntland

**KAALO** completed all its remaining activities during the reporting quarter.

- In a ceremony in mid-July that was attended by the Ministry of Livestock and Animal Husbandry (MOLAH), local authorities, private veterinary associations, CBAHWs, pastoralists, pharmacists and other project stakeholders, KAALO exhibited the veterinary drugs needed for opening six rural pharmacies located in pre-selected villages. The KAALO Managing Director, in his introductory remarks, highlighted the standard of veterinary drugs they purchased for the project that are sourced from reputable pharmaceutical companies are in stark contrast to commonly available products in the market. The DG commended KAALO and the Partnership initiatives aimed at addressing the stockowners and consumers' key issues and importance of embracing new and quality veterinary drugs.
- On the same day KAALO started the distribution process of the veterinary drugs to the six rural pharmacies manned with project trained veterinarian pharmacists. Based on their proximity and accessibility, the project trained 40 CBAHWs that will be linked with these pharmacies where they will restock their drugs requirements. Furthermore, to ensure a sustainable drugs supply chain, these pharmacies are connected to a new wholesale pharmaceutical company based in Galk'ayo town (of Mudug region) dedicated to importing quality and tested veterinary products from Kenya.
- KAALO convened a handover ceremony to the community in the four rehabilitated grassland flood deltas of Puntland that they have been working in. As part of its final deliverable, KAALO submitted a report of the handover ceremony regarding the four rehabilitated grasslands to the pastoral communities. The target communities appreciated this support and early indications show that the improved veterinary service delivery led to an upgraded animal health situation, increased livestock productivity and increase in number of animals marketed and exported, and a decrease in mortality rates.

### **South-Central Somalia Assessment**

#### Field Work

In July, the Partnership team developed an SOW for the Somali Agricultural Technical Group (SATG) to carry out a rapid assessment and technical analysis to explore short and medium term interventions to support economic growth in South Central Somalia. The assessment was designed to be similar to the

technical assessment and analysis that was carried out in Somaliland and Puntland at the beginning of the Partnership for Economic Growth program, only that it would be more rapid and would be focused on economic opportunities within a few sectors. The rapid assessment would identify interventions that have economic growth potential and would incorporate learning from the activities, approach and experiences of the Partnership program in Somaliland and Puntland. The assessment would as far as possible identify ways to build on the progress made so far in in South Central Somalia with respect to livelihoods activities under USAID's TIS program. The assessment would focus on the areas, which have recently attained peace and nascent governance structures, as a peace-dividend gesture in South Central Somalia. Geographically, the assessment would cover the general riverine areas of Lower and Middle Shebelle, Lower and Middle Juba, Hiran, Gedo, Bay and Bakool; and Mogadishu areas where opportunities in agriculture, livestock, and private sector development are prevalent.

In late July August, the SATG senior researchers developed focus group and key stakeholder interview guides and tools; as well as a list of proposed organizations / participants for the Nairobi stakeholder workshop. In early August, the team conducted their field work. Senior Somali livestock, agriculture, and private sector development specialists met with a variety of key stakeholders such as: camel milk production farms, fishery cooperatives, vegetable production farm, key Ministries such as the Ministry of National Resources that oversees agriculture and livestock activities, animal holding grounds in Jazeera, meetings with commercial farmers (fruit, sesame traders, maize seed companies and agro-dealers), consultations with livestock exporters and meat processors, and other professional groups.

A final draft South-Central Somalia assessment report is expected to be submitted in early November 2013.

### Stakeholder Workshop

On August 27 and 28, the Partnership team hosted a Nairobi-based workshop to review the findings of the recent assessment conducted in south central Somalia exploring possible economic growth opportunities in the agriculture and livestock value chains. On Day 1, the SATG field research team presented their results from 19 different value chains including major agriculture subsectors (cereal crops, oil crops, legumes and horticulture) and major livestock subsectors (live animal exports, cow and camel dairy, poultry and eggs, fodder, fisheries and local and exported meat).

Participants were placed into groups to explore the challenges to generating employment (more formal employment, better employment and self-employment including women and youth), wealth (increased production and sales), and investment (reduced risk for potential local, diaspora and foreign investors to invest in the sector) in these sectors. On Day 2, USAID outlined its objectives for expanding the Partnership program into south and central Somalia, the Partnership COP and DCOP presented key lessons learned from Somaliland and Puntland, and participants prioritized key challenges that could be turned into opportunities and recommendations for possible future project design. Broad areas of research, agro-financing, capacity building, enterprise development, and policy development were highlighted as short term priorities to support the growth of these economic sectors.

Over 40 participants attended both days, including from key institutions such as the Somalia Chamber of Commerce, Ministry of Natural Resources, major businesses (e.g. sesame exporters and livestock export quarantine facility managers), local NGOs (Juba Foundation and WAANO), international organizations (e.g. FAO, WFP, ILO, UNDP, World Bank, African Development Bank). Amongst the participants were leading veterinary and agronomy experts working in Somalia, as well as investors and policy makers.

Generally, the workshop was received well by the participants for the breadth of sectors covered, and the dynamics of the group discussions to lead towards practical recommendations. The opportunities that were prioritized by each group will be incorporated into the Partnership's draft assessment report over the coming few weeks.

### Reporting

In September, the SATG team drafted the South Central Economic Growth Assessment report, which will be reviewed and finalized by the Partnership team next quarter.

### ***P3, Task 3: Solicit and review relevant grant applications.***

#### **Partnership Fund Activity**

Grantees: The Partnership Fund team has been moving ahead swiftly to get procurements and other activities in place to support the grantees.

In July, the M&E team conducted the second round of Business Organizational Capacity Assessment Tool (BOCAT). 11 Partnership program business grantees were entitled to partake in this new round capacity assessment exercise. The objective was to assess the organizational capacity of the business sub-grantees of the Partnership Program after one year of engagement with the program and capacity building training provided. The first round of BOCAT was conducted last year and the capacity baseline of each business organization was set and now the 2nd round of BOCAT would identify the capacity expansion and growth from the baseline. Through the grant development process, technical support, in-kind procurement processes, and business development training support, all business grantees showed a significant increase in their BOCAT score as their business had become better managed over the past year through the Partnership program activities.

Highlights from the livestock Partnership Fund grantees are described above, and updates from the other grantees include:

- **Shaqodoon:** As part of its Partnership Fund grant activity, Shaqodoon launched a successful first-ever youth Job Fair at Mansoor Hotel's new conference venue on July 1 and 2. The Job Fair was planned alongside the 1<sup>st</sup> National Employment Conference, hosted by the Ministry of Labor. More than 45 employers, mainly from private sector, participated in the Job Fair – including local businesses from the airline, media, printing, tourism, furniture, restaurant, financial services, education, consulting, and construction sectors – all of whom were hiring and accepting CVs during the Fair. The goal was to ensure well-qualified local youth had an opportunity to match their skills with job vacancies. The President of Somaliland, along with the Minister of National Planning and Development and Minister of Labor and Social Affairs officially opened the Job Fair; and personally visited each booth showing their strong support for this important initiative. An estimated 1,500-2,000 youth attended during the two day event. Besides the one-on-one interactions for job-seekers, Shaqodoon launched a new business plan competition, show-cased successful young local entrepreneurs, hosted a drama about unemployment, facilitated debates on entrepreneurship and fair hiring standards, and had a mentoring/counseling table for youth to review CVs.
- **Transparency Solutions:** A Grant Modification for Transparency Solutions was submitted and approved to USAID in July. There has been an unanticipated increased level of interest from investors over the past 6-8 months (as TS's website was launched and the team began their investment Road Shows), which has resulted in an expanded scope of planned activities. The expanded scope and increased interest has resulted in some of the milestones not being achievable

within the timeframe of the Partnership program. These factors could not have been reasonably foreseen within the original parameters of the project, and the higher than expected interest has enabled the grantee to consider a larger activity than originally envisioned and has the potential to have more economic growth impact than originally planned.

- **Dheeman Tailoring Enterprise:** A trainer/technician was hired in July to install the new Juki sewing machines for Dheeman Tailoring Enterprise. The training courses for 12 staff members on how to use the new sewing machine started was completed on July 30 2013. The Partnership's local videographer/photographer documented this training and produced a 5-minute documentary.
- **Tayo Energy:** The Partnership Fund's renewable energy grantee Tayo Energy worked diligently with the Partnership's Energy Specialist, Site Supervisor, and Golis Solar's construction team to complete the installation of the wind farm at the Berbera site this quarter. Once fully operational, the site will be Somaliland's first commercial wind farm, and is expected to power a variety of local fish processing facilities. Also, since the site is close to the Berbera Airport, it has already garnered a lot of interest from private, public and development stakeholders. As part of their contribution, Tayo Energy installed the control room. The local MEPS partners SORADI conducted its final PEG verification visit to the Berbera Tayo wind farm in late July
- **Muliyo Salt Trading Company:** The Muliyo salt processing plant construction was nearly completed this quarter. The Muliyo-contracted construction company, BCCCo, completed the installation of plant warehouse buildings such as the store room, wall plastering, septic waste tank, offices, toilets, electrical room and guard room. The subcontractor Taran Construction received the steel structures from Dubai after significant delays in shipping, and constructed the platforms. The engineers from Shriram, the Indian salt manufacturer, are expected to arrive next quarter as the processing machinery arrives, to install all equipment. As this report is being prepared, most of the salt plant has already been installed.
- **Afjireh Energy:** The Afjireh Energy Company received its 800 gas cylinders at its Hargeisa warehouse in July. As part of the grantee's cost share, the procurement of the cook stoves has already taken place. Safety training took place for all Afjireh staff, before a launch took place. Afjireh gas is Somaliland's second gas / cook-stove company, using a lease-to-own model to target lower income clientele.
- **GETCO and Red Sea:** The shipment of fishing equipment and boats for the Red Sea and GETCO grantees arrived in August. Red Sea manager Mr. Osman Said stated that "the boats are wonderful and the ice maker is producing ice. "I like the boats and I am recommending them to other people. What I like about them [the most] is the fuel consumption [which] is really economical." Both Red Sea and GETCO fishing have also received their other equipment – ice making, ice storage, cool boxes, and other accessories, per their grant agreement. Aside from a technical issue with the ice maker for GETCO, which is being addressed by the supplier, both grantees have received all their equipment and now have the increased capacity to catch, freeze, and sell fish.

A summary of each Partnership Fund grant is described below:

<u>Grantee Name</u>	<u>Sector</u>	<u>Region</u>	<u>Partnership Contribution</u>	<u>New Employment</u>	<u>Better Employment</u>	<u>Main Support Aspects</u>
<b>Afjireh</b>	Energy	Maroodijeex	\$50,000	8	35	~ support for purchase of propane cooking stoves and tanks
<b>Al Hussein</b>	Livestock	Togdheer	\$45,000	25	-	~support initial livestock purchases ~ upgrade farm livestock holding areas and fodder storage facilities
<b>Dheeman Business Enterprises</b>	Clothing	Maroodijeex	\$30,000	25	-	~locally procured sewing machines ~clothing material for initial products ~technical assistance in tailoring from Ethiopian expert ~business management and administration support from Partnership staff
<b>GETCO</b>	Fisheries	Sahil	\$100,000	15	550	~ fish processing machinery
<b>Horumar Camel Dairy Milk Farm</b>	Dairy	Togdheer	\$99,700	15	-	~support to purchase of frights and helping farm improvement ~ increase camel herd to expand production
<b>International Livestock Raising Company</b>	Livestock	Togdheer	\$99,858	31	20	~supplies to install drip irrigation ~new fodder seeds varieties ~hay conditioner, and other farm equipment for fodder production ~technical assistance from identified Kenyan and Ethiopian experts
<b>KAABA MFI</b>	Finance	Multiple regions	\$50,000	10	288	~support establishment of offices in two locations ~establish loan funds for each office ~technical support in microfinance organization sustainability and products
<b>Muliyo Salt Trading Company</b>	Salt	Awdal	\$80,000	25	-	~salt processing equipment ~potential technical assistance in salt production and processing experts
<b>Red Sea Fishing and shrimp</b>	Fisheries	Maroodijeex	\$69,380	30	-	~walk-in freezer, smaller cold storage transport equipment, and cold storage for retail/storage facility in Hargeisa ~ support for additional boat and nets
<b>Shaqodoon</b>	Job info search	Maroodijeex	\$37,977	30	-	~expansion of business outreach plans ~training costs for youth ~Launch of first major Business Fair
<b>Tayo Energy Enterprises Company</b>	Energy	Sool	\$100,000	16	-	~ 3 wind turbines ~technical assistance for installation, training, and capacity building
<b>Togdheer Women Livestock Traders Association</b>	Livestock	Togdheer	\$49,970	18	125	~ support to expand livestock purchases ~financial and organizational capacity building
<b>Transparent Solutions (TS)</b>	Finance	Multiple regions	\$100,000	10	-	~support for diaspora outreach activities ~support for initial organization operations for year 1 ~marketing and other support to diaspora in Kenya, Gulf, UK and US

***P3, Task 4: Award and manage grants and/or subcontracts (including GDA/PPP financing).*** A subcontract was signed with quarter with SATG to conduct the South Central Somalia Economic Growth Assessment.

# MONITORING AND EVALUATION

## 1. Executive Summary

The Executive Summary of the report will have a summary of the FY 2013 4<sup>th</sup> quarter (July – Sept 2013) accomplishments and the analysis of the program achievement as a whole over this FY13.

Partnership's Intermediate result 1: Private Sector Entities Strengthened has three outcome indicators. Indicator 1.1 *Average percent change in score on key areas of organization capacity amongst USG direct and indirect local implementing partners* has a baseline of 15% and the target is 14% increase from the baseline in FY2013. After the progress in capacity on key areas of the organization was assessed against the target at the end of the FY2013, the indicator achieved 31% which 16% increase from baseline and it exceeded the target set.

Indicator 1.2 *Number of days of technical assistance trade and investment environment provided to counterparts or stakeholders* has a zero baseline and 180 technical days provided as a target for the FY 2013. Partnership provided 176 days of technical assistance to counterparts or stakeholder in this quarter only. This represents 98% of the total target set met. The total technical assistance provided by Partnership in this FY2013 is 672 days.

Indicator 1.3 has a zero baseline and 100 as the target of the FY 2013. The last indicator quarter performance was 65%. There is not data in this 4<sup>th</sup> quarter.

On indicator 2.1, 102% increase realized for tomato, onion, & watermelon. Baseline = 9,750 for the 3 crops. The 2013 harvest was 20,000 kg/Ha. Lettuce & cabbage were not in season in 2013 trial.

Indicator 2.2 has recorded 56 farmers with 51 males, 5 females and 17 youth applied new technologies or management practices in this quarter. This represents that the indicator achieved 112% of the FY13 target which is 50.

To the activity level indicators, Partnership performed well most of the activity level indicators.

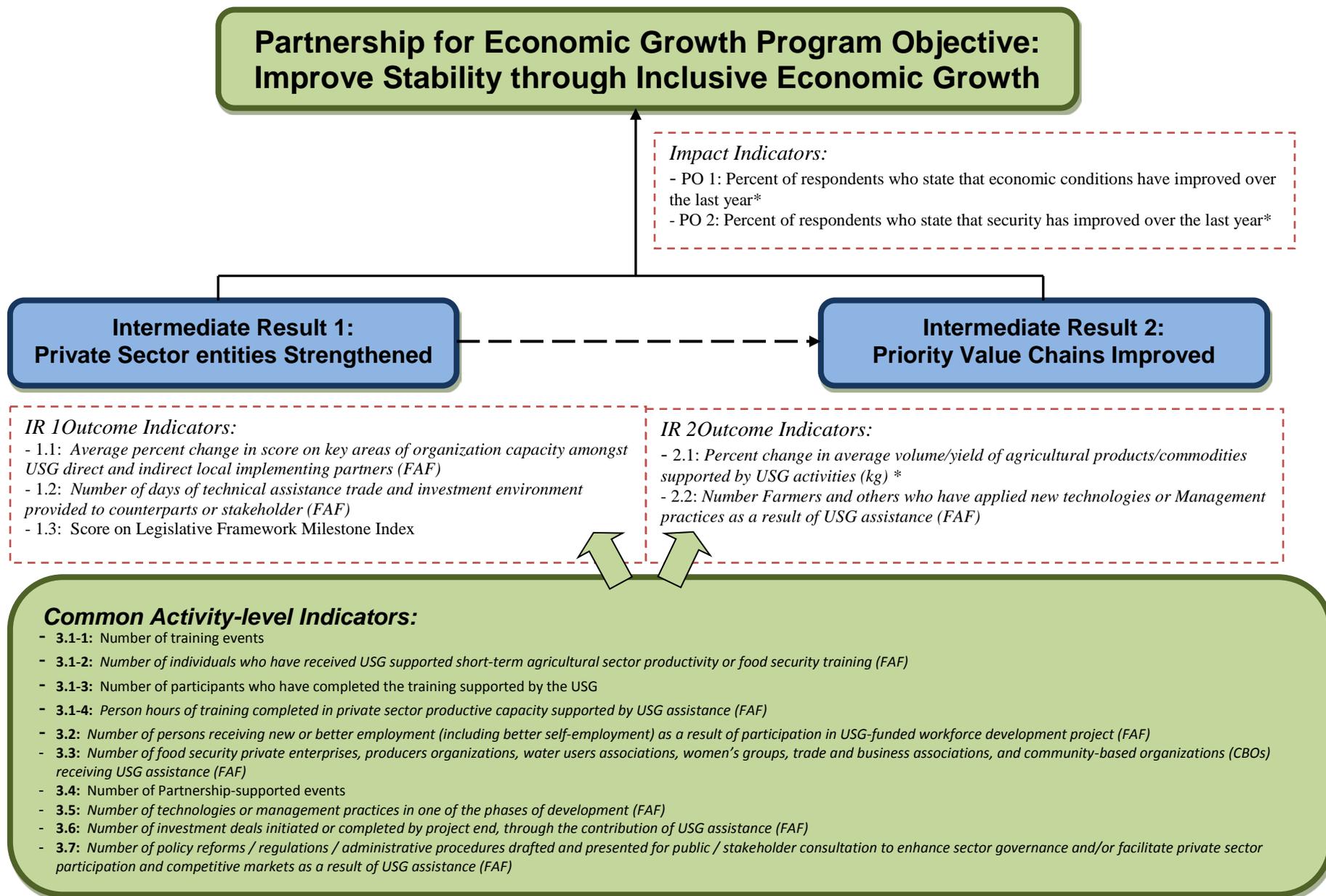
Indicator 3.1.1: *Number of training events*, FY2013 target is 78. Partnership held 337 trainings in this FY2013. This represents that 430% of the total target. 83 of these 337 trainings were short term agricultural trainings while the remaining 254 trainings were not agricultural.

Indicator 3.1.2: *Number of individuals who have received USG supported short-term agricultural sector productivity or food security training*, had a FY2013 target of 198 trainees with 169 males and 29 females. 1990 trainees with 1272 males and 718 females received trainings on a short term agricultural sector. Therefore the indicator exceeded its target.

Indicator 3.1.3 *Number of participants who have completed the training supported by the USG*. As the result of this indicator's FY2013 performance, Partnership program offered trainings for 4056 trainees with 3140 males and 916 females. This indicator largely exceeded its FY13 target which was 84 trainees with 72 males and 12 females.

Indicator 3.1.4. *Person hours of training completed in private sector productive capacity supported by USG assistance* target for FY2013 is 69818 and the program conducted 335,193 with 244,221 males and 90972 females and youth respectively in this FY2013.

**Figure 1: Partnership’s Results Framework**



\* = Stabilization Indicator

## 2. Program Objectives

Partnership for Economic Growth (Partnership) is a USAID-funded program which seeks to help local authorities and private sector groups improve the enabling environment for investment, generate more productive employment and improve other livelihood activities.

### 2.1. Partnership's FY 2013 4<sup>th</sup> Quarter Achievements:

#### 2.1.1. Intermediate Result 1: Summary of Achievements at IR 1 Level:

Partnership's Intermediate result 1: Private Sector Entities Strengthened has three outcome indicators. Indicator 1.1 *Average percent change in score on key areas of organization capacity amongst USG direct and indirect local implementing partners* has a baseline of 15% and the target is 14% increase from the baseline in FY2013. After the progress in capacity on key areas of the organization was assessed against the target at the end of the FY2013, the indicator achieved 31% which 16% increase from baseline and it exceeded the target set.

Indicator 1.2 *Number of days of technical assistance trade and investment environment provided to counterparts or stakeholders* has a zero baseline and 180 technical days provided as a target for the FY 2013. Partnership provided 176 days of technical assistance to counterparts or stakeholder in this quarter only. This represents 98% of the total target set met. The total technical assistance provided by Partnership in this FY2013 is 672 days.

Indicator 1.3 *Average Score on Legislative Framework Milestone Index* has a zero baseline and 100 as the target of the FY 2013. The last indicator quarter performance was 65% and there was 10% increase in that quarter only from the last Fiscal year performance and target which was 55%. There is no increase towards meeting the target in this quarter.

#### Indicator 1.2: Summary of Indicator Achievements

As the table 1 depicts, indicator 1.2: *Number of days of technical assistance trade and investment environment provided to counterpart or stakeholder*, has a zero baseline and 180 days of technical assistance, as the target of FY 2013. Partnership Program provided 176 days of technical assistance to a counterpart or stakeholder in this quarter. This represents 98% of the total target set to be met.

**Table 1:** Number of days of technical assistance provided to counterpart or stakeholder

Indicator	Baseline	FY2013: Target	Actual Results				Achievement
			Q1	Q2	Q3	Q4	Total
1.2: Number of days of technical assistance trade and investment environment provided to counterpart or stakeholder.	0	180	49	132	315	176	672

### **Indicator 1.3: Summary of Indicator Achievements**

Indicator 1.3 *Average Score on Legislative Framework Milestone Index* has a zero baseline and 100 as the target of the FY 2013. The indicator last quarter performance was 65% and there was 10% increase in that quarter with its last Fiscal year performance and target which was 55%. There is no increase in this quarter.

### **3. Intermediate Result 2: Summary of Achievements at IR 2 Level**

Overall Partnership Program feels it accomplished its Intermediate Result 1, with performance improving in FY2013 when compared to the targets of FY 2012 of this IR 1. Two of the three indicators of this IR 1 exceeded. The third one target has not been met. Thus, Partnership Program is a stage to comfortably express that it is on track on its intermediate result 1.

Partnership's Intermediate result 1: Private Sector Entities Strengthened has three outcome indicators. Indicator 1.1 *Average percent change in score on key areas of organization capacity amongst USG direct and indirect local implementing partners* has a baseline of 15% and the target is 14% increase from the baseline in FY2013. After the progress in capacity on key areas of the organization was assessed against the target at the end of the FY2013, the indicator achieved 31% which 16% increase from baseline and it exceeded the target set.

Indicator 1.2 *Number of days of technical assistance trade and investment environment provided to counterparts or stakeholders* has a zero baseline and 180 technical days provided as a target for the FY 2013. Partnership's performance exceeded against this indicator's target in 2013 and provided 672 days of technical assistance to counterparts or stakeholders in FY13.

Indicator 1.3 *Average Score on Legislative Framework Milestone Index* has a zero baseline and 100 as the target of the FY 2013 and Partnership did 65% out of 100%. This indicator target is not met but Partnership Program was supposed to do only the 65% did.

### **4. Summary of Achievements at Common or Activity Level Indicators:**

As the Table 2 below depicts, Partnership performed well most of the activity level indicators.

Indicator 3.1.1: *Number of training events*, FY2013 target is 78. Partnership held 337 trainings in this FY2013. This represents that 430% of the total target. 83 of these 337 trainings were short term agricultural trainings while the remaining 254 trainings were not agricultural.

Indicator 3.1.2: *Number of individuals who have received USG supported short-term agricultural sector productivity or food security training, had a FY2013 target of 198 trainees with 169 males and 29 females.* 1990 trainees with 1272 males and 718 females received trainings on a short term agricultural sector. Therefore the indicator exceeded its target.

Indicator 3.1.3 *Number of participants who have completed the training supported by the USG.* As the result of this indicator's FY2013 performance, Partnership program offered trainings for 4056 trainees with 3140 males and 916 females. This indicator largely exceeded its FY13 target which was 84 trainees with 72 males and 12 females.

Indicator 3.1.4. *Person hours of training completed in private sector productive capacity supported by USG assistance* target for FY2013 is 69818 and the program conducted 335,193 with 244,221 males and 90972 females and youth respectively in this FY2013.

As the table 2 below elucidates, Partnership Program indicator 3.2 *Number of persons receiving new or better employment (including better self-employment) as a result of participation in USG-funded workforce development project*, with the target of 21 new or better employment, has performed extremely well in the FY13 after 30 new employment and 6 better employment were secured in FY13. In addition, there were 19 youth recruited as interns by internship providing employers and Partnership Program considers this as their gateway to a full employment after sometime as they will gain an enormous experience. Thus, the indicator exceeded its target by 70%.

**Table 2: Summary of Activity Level Indicators (FY 2013, 4<sup>th</sup> Quarter)**

Indicators	Baseline	FY2013: Target	Actual Results				Achievement
			Q1	Q2	Q3	Q4	Total
3.1.1 Number of training events	0	78	59	113	150	15	337
3.1.2 Number of individuals who have received USG supported short-term agricultural sector productivity or food security training.	0	198 M:169 F:29	663 M:267 F:396	360 M:308 F:52	908 M:640 F:268 Y:330	59 M:57 F: 2 Y: 37	1990 M:1272 F:718
3.1.3 Number of participants who have completed the training supported by the USG.	0	84 M:72 F:12	548 M:464 F:84	1890 M:1463 F:427 Y:1578	1509 M:1124 F:385 Y:1086	109 M:89 F: 20 Y: 74	4056 M: 3,140 F:916
3.1.4. Person hours of training completed in private sector productive capacity supported by USG assistance.	0	69818 M:59295 F:10523	2,245 M:1039 F:1206	232,020 M:175,146 F:56,874 Y:185,496	100,352 M:67,620 F:32,732 Y:78,617	576 M:416 F: 160 Y: 40	335,193 M:244221 F:90972

3.2. Number of persons receiving new or better employment (including better self-employment) as a result of participation in USG-funded workforce development project	0	21	N/A	36 M:30 F:6 Y:33	N/A	N/A	36 Exceeded
3.3. Number of food security private enterprises, producers organizations, water users associations, women's groups, trade and business associations, and community-based organizations (CBOs) receiving USG	0	16	N/A	N/A	2		2
3.4. Number of partnership supported events.	0	39	8	6	15	18	47 Exceeded
3.5. Number of technologies or management practices in one of the phases of development	0	17	N/A	N/A	10		10
3.6. Number of investment deals initiated or completed by project end, through the contribution of USG assistance.	0	1	N/A	1	N/A		1 Met
3.7. Number of policy reforms/regulations/administrative procedures drafted and presented for public /stakeholder consultation to enhance sector governance and/or facilitate private sector participation and competitive markets as a result of USG assistance (FAF).	0	0	N/A	N/A	N/A		0

Partnership Program indicator *3.4 Number of Partnership-supported events*, target for FY2013 is 39 events. 18 of them were held in the 4<sup>th</sup> quarter which demonstrates 46% of the total target. The past three quarters, Partnership conducted 29 events out of the 39 respectively which represent 70% of the target. This makes total events held in FY2013 47 events which exceed the total target 20% or 9 events.

## FORTHCOMING QUARTER PRIORITIZATION, DESIGN, AND DEVELOPMENT OF SUB-ACTIVITY SOWS

### IMPLEMENTATION

*Launch selected sub-activities.* The team is preparing a proposal for a possible two year extension of the Partnership program which would begin next quarter.

*Implement selected sub-activities.*

Planned eleventh quarter implementation activities for the sub-activities are outlined below.

### FORTHCOMING QUARTER ACTIVITIES

*Implement selected sub-activities.*

Planned eleventh quarter implementation activities for the sub-activities are outlined below.

#### Agriculture Sub-Activity:

- Analyze Season 3 yield results with SATG and Amoud;
- Prepare sub-activity SOWs for agriculture and Dairy activity in South-Central Somalia;
- Design program and staffing structure for the Mogadishu office with SATG that will be dealing with agriculture and livestock.

#### Energy Sub-Activity:

- Release RFP for private provider under the framework laid out in the PPP. Finalize PPP document with Ministry of Energy and Ministry of Aviation to coordinate on wind farm management;

#### Business Environment Sub-Activity:

- Layout printed version of Investment Guide with graphic designer;
- Beta-test Somaliland Investment Guide website;
- Finalize full translation of English version of Guide into Somali;
- Launch Investment Guide and web portal in Somaliland.

#### Partnership Fund Grants Activity:

- The engineers from Shriram, the Indian salt manufacturer, are expected to arrive as the processing machinery arrives, to install all equipment.

#### South Central Somalia Economic Growth Assessment

- The team will finalize the Assessment report and submit to USAID.

### MONITORING AND EVALUATION

*Conduct baseline survey through locally competed subcontract.* Completed fourth quarter

*M&E, Task 4: Develop and submit monitoring and evaluation plan, including targets and indicators.* Revised PMP submitted and approved early in the fifth quarter.

***Submit quarterly expenditures accruals report.*** A quarterly expenditure accruals report is submitted electronically 15 days prior to the end of each calendar quarter. It reported actual expenditures for the first month of each quarter, along with projected expenditure accruals for the second and third month of the quarter. The quarterly financial report – showing actual invoiced expenditures for April to June 2012, is shown on a subsequent page below.



# ANNEX I: QUARTERLY AND ANNUAL ENVIRONMENTAL MITIGATION AND MONITORING REPORT (EMMR)

## Quarterly and Annual Environmental Mitigation and Monitoring Report (EMMR)

### EMMR Part 1 of 3: Environmental Verification Form

Name of Prime Implementing Organization: **DAI**

Funding Period for this award: FY 2011- FY 2013

Geographic location of USAID-funded activities  
(Province, District): **Somaliland, Puntland**

Current FY Resource Levels: FY \_\_\_\_\_

Name of Sub-awardee Organization (if this EMMR is for a sub): **N/A**

This report prepared by:

Name: **Mubarak Abdi** Date: **July 30<sup>st</sup>, 2013**

Date of Screening: **August 11, 2013**

Date of Previous EMMR for this organization:  
**February 5, 2013**

**Indicate which activities your organization is implementing under IIP and EG funding.**

Key Elements of Program/Activities Implemented		Yes	No
1	<ul style="list-style-type: none"> <li>• Education, Technical Assistance, or Training</li> <li>• Analysis, Studies, Academic or Research Workshops and Meetings</li> <li>• Document and Information Transfers</li> <li>• Programs involving health care, or family planning services except where directly affecting the environment</li> <li>• Studies, projects or programs intended to develop the capability of recipient countries and organizations to engage in development planning</li> </ul>	✓	
2	Procurement, Storage, Management and Disposal of Public Health Commodities		✓
3	Generation, storage, handling and disposal of hazardous and highly hazardous medical waste		✓
4	Small-Scale construction or rehabilitation of hospitals, clinics, laboratories, VCT or training centers <i>(and other miscellaneous small-scale construction)</i>	✓	
5	Small-Scale Water and Sanitation		✓
6	Small-Scale agricultural activities, including but not limited to small crop production, drip irrigation, aquaculture, horticulture, poultry and small livestock, and dairy production <i>Includes Livestock Activities.</i>	✓	
7	Use of pesticides <i>other than on demonstration plots less than 4 ha.</i>		✓
8	Other activities that are not covered by the above categories. <i>Includes Partnership Grant Activities.</i>	✓	

### EMMR Part 2 of 3: Mitigation Plan

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
<b>1. Education, technical assistance, training, etc.</b>	No environmental impacts anticipated as a result of these activities. However, Guidelines shown in Section 4, Table 3 of the IEE are observed.	Education, technical assistance and training about activities that inherently affect the environment include discussions of prevention and mitigation of potential negative environmental effects. (Kaaba Micro Credit grant)	Partnership M&E Officer	Include environmental impacts in education, technical assistance, training and other materials	Review of materials	Annual
Partnership Energy Activity						
	The new Somaliland Energy Regulatory and Legal Framework (ERLF) or the new Energy Law and Regulations, implement policies, regulation and laws that could have negative impacts on the environment.	Address environmental conservation and mitigation concerns in the draft Energy framework, laws and regulations.	Partnership M&E Officer	Draft framework addresses environmental conservation concerns	Review of materials	After draft is completed
Partnership Business Enabling Activities (Somaliland and Puntland)						
	Small scale construction (office rehabilitation and latrine construction) results in environmental impacts in	Include condition in grant agreement to require good construction management, materials storage practices and	Project M&E Officer	Include good construction management practices and latrine siting requirements in	Inspection	Monthly during construction

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	Somaliland	protection of groundwater sources.  Site latrine at least 20 m from any well, spring or drinking water source.		grant agreement.		
<b>2. Public Health Commodities</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>3. Medical waste</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>4. Small-Scale Construction</b>	Included in Category 8, below (Other activities, including Partnership Grant Activities).	See Category 8, below	See Category 8, below	See Category 8, below	See Category 8, below	See Category 8, below
<b>Partnership Energy Activity</b>						
	Locations of wind turbines result in unnecessary aesthetic impacts.	Site wind turbines so that they are away from public access and other structures, away from existing flight paths and away from the visual line between the control tower and airport facilities.	Partnership M&E Officer	Wind turbines are sited in an appropriate location.	Site Inspection	During construction
	Small scale construction works associated with installing turbines and buried conduit results in environmental	Include condition in subcontract to require good construction management and material storage	Partnership M&E Officer	Inclusion of good construction management and material storage in subcontract.	Site Inspection	During construction

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	impacts.	practices.				
<b>5. Small-Scale WatSan</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>6. Small-Scale Agriculture</b>	See below.	See below.	See below.	See below.	See below.	See below.
Agriculture Activity						
	Project activities result in negative impacts on agricultural land and/or soil problems.	Include farmer training for soil conservation and integrated soils management techniques	Project Agricultural Specialist Project M&E Officer	Training events and persons trained on soil conservation and integrated management techniques. Training materials developed and produced.	Review of Grant Agreements Review of materials Training Reports	Every 6 months
	Project activities result in or exacerbate water scarcity or water quality issues.	Include farmer training for efficient irrigation techniques to reduce competing water demands and increase crop productivity.	Project Agricultural Specialist Project M&E Officer	Training events and persons trained on efficient irrigation techniques. Training materials developed and produced	Review of materials Training Reports	Every 6 months
	Irrigation activities result in health impacts from waterborne diseases and vectors.	Train farmers about proper water management and vector reduction techniques. Raise awareness among farmers through extension agents regarding farm-level sanitation.	Project Agricultural Specialist Project M&E Officer	Training events and persons trained on efficient irrigation techniques. Training materials developed and produced	Review of materials Training Reports	Every 6 months

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	Project activities result in soil erosion or other degradation.	Train farmers on best management practices to lower risks of soil erosion. Best practices include crop rotation, use of improved seeds, intercropping, proper plant spacing, improved irrigation efficiency, use of manure and compost, etc.	Project Agricultural Specialist  Project M&E Officer	Training events and persons trained on efficient irrigation techniques. Training materials developed and produced	Review of materials  Training Reports	Every 6 months
	There is a loss of biodiversity or negative impact on local flora and fauna from project activities.	Train farmers on integrated management practices and the benefits of crop rotations, intercropping and integrated management practices Train Farmers on Natural pesticides practices to avoid use of chemical pesticides. Train farmers on proper use of organic matter	Project Agricultural Specialist  Project M&E Officer	Training events and persons trained on efficient irrigation techniques. Training materials developed and produced	Review of materials  Training Reports	Every 6 months
	Farmers trained at the demonstration plots misuse pesticides on their own farms and cause harm to people, animals or the environment.	Include training on safe pesticide use during on-site training and extension services. Choose least toxic agrochemicals using requirements set in EMMP Train in safe use actions	Project Agricultural Specialist  Project M&E Officer	Training events and persons trained on efficient irrigation techniques. Training materials developed and produced	Review of materials  Training Reports	Every 6 months

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		Limit use of the pesticides to small plots Train farmers on sowing Proper time of crops to reduce pest/disease affects and selecting resistant varieties				
	Negative environmental impacts result from small scale construction activities.	Require good site management practices by the contractor in the construction subcontract and require that the windmill has an automatic shutoff or other mechanisms to avoid standing water from spillage around the pump.	Project Agricultural Specialist  Project M&E Officer	Construction proceeds using good management practice and inspections during construction.	Inspection	During construction and annually thereafter
	Farmers trained by extension staff misuse pesticides on their own farms or use poor management techniques and cause harm to people, animals or the environment.	Include training on safe pesticide use and good agricultural management practices through extension services. Training on good business management techniques through extension services. Training on post harvest management techniques (packaging,	Project Agricultural Specialist  Project M&E Officer	Training events and persons trained on efficient irrigation techniques. Training materials developed and produced	Review of materials  Training Reports	Every 6 months

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		transportation and marketing practices)				
Somaliland Livestock Activity						
	Failure to observe best practices for handling, storage, and use of veterinary medicines result in a threat to health and safety of CAHWs, AHAs and/or farmers and pastoralists.	CAWHs, AHAs and farmers/pastoralists will be trained in best practices for handling, storage and use of veterinary medicines.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of CAWHs and/or AHAs trained.	Review of materials  Training Reports	Quarterly
	Potential release of veterinary medicines to soil and/or surface water, public health and safety risks from unauthorized access to vet medicines by untrained CAHWs or AHAs and improper handling and use of medicines	To minimize the potential for accidental releases of veterinary medicines, CAWHs, AHAs and farmers/pastoralists will be trained in best practices for handling, storage and use of veterinary medicines.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of CAWHs, AHAs, MoLAH personnel and/or farmers/pastoralists trained.	Review of materials  Training Reports	Quarterly
	Use of expired, off-brand or inappropriately stored veterinary medicines further sickens livestock.	Multiple trainings, workshops and inspections will be conducted for supply chain actors to ensure that appropriate medicines are stocked, sold and used. Wholesalers will be trained, spot-checked and inspected to ensure that appropriate medicines are available and sold;	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of wholesalers, suppliers, importers, CAWHs and/or AHAs trained.	Review of materials  Training Reports	Quarterly

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		CAWHs and AHAs will be trained to ensure the safe use of these medicines.				
	Potential release of veterinary medicines to soil and/or surface water and/or public health and safety risks resulting from improper medicine container disposal.	Wholesalers, suppliers, importers, CAWHs and AHAs will be trained on proper and appropriate disposal of medicine containers to reduce the potential for release to the environment.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of wholesalers, suppliers, importers, CAWHs and/or AHAs trained.	Review of materials  Training Reports	Quarterly
<b>Puntland Livestock Activity</b>						
	Failure to observe best practices for handling, storage, and use of veterinary medicines result in a threat to health and safety of CAHWs, AHAs and/or farmers and pastoralists.	CAWHs, AHAs and farmers/pastoralists will be trained in best practices for handling, storage and use of veterinary medicines.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of CAWHs and/or AHAs trained.	Review of materials  Training Reports	Quarterly
	Potential release of veterinary medicines to soil and/or surface water, public health and safety risks from unauthorized access to vet medicines by untrained CAHWs or AHAs and improper handling and use of medicines	To minimize the potential for accidental releases of veterinary medicines, CAWHs, AHAs and farmers/pastoralists will be trained in best practices for handling, storage and use of	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of CAWHs, AHAs, MoLAH personnel and/or farmers/pastoralists trained.	Review of materials  Training Reports	Quarterly

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		veterinary medicines.				
	Use of expired, off-brand or inappropriately stored veterinary medicines further sickens livestock.	Multiple trainings, workshops and inspections will be conducted for supply chain actors to ensure that appropriate medicines are stocked, sold and used. Wholesalers will be trained, spot-checked and inspected to ensure that appropriate medicines are available and sold; CAWHs and AHAs will be trained to ensure the safe use of these medicines.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of wholesalers, suppliers, importers, CAWHs and/or AHAs trained.	Review of materials  Training Reports	Quarterly
	Potential release of veterinary medicines to soil and or/surface water and/or public health and safety risks resulting from improper medicine container disposal.	Wholesalers, suppliers, importers, CAWHs and AHAs will be trained on proper and appropriate disposal of medicine containers to reduce the potential for release to the environment.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of wholesalers, suppliers, importers, CAWHs and/or AHAs trained.	Review of materials  Training Reports	Quarterly
	Laboratory technicians are injured due to improper use, storage or handling of chemical reagents used in laboratory	Laboratory technicians will be trained in the proper use of analytic laboratory analytic as well as the proper use,	Project M&E Officer  Project Livestock	Number of training days, training materials developed including manuals, number of laboratory	Review of materials  Training Reports	Quarterly

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	analytic equipment.	storage or handling of required chemical reagents.	Specialist	technicians trained.		
	Potential release of chemicals and reagents to air, soil and/or surface water due to improper storage, use and disposal of chemical reagents used in laboratory analytic equipment.	Laboratory technicians will be trained in the proper use of analytic laboratory analytic as well as the proper use, storage or handling of required chemical reagents, including recommendations in the associated MSDS.	Project M&E Officer  Project Livestock Specialist	Number of training days, training materials developed including manuals, number of laboratory technicians trained.	Review of materials  Training Reports	Quarterly
<b>7. Pesticides</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>8. Grant Activities</b>	See below.	See below.	See below.	See below.	See below.	See below.
<b>Getco and Red Sea Fishing and Shrimp</b>						
	By-catch from increased fishing activities results in increase in population collapse due to catch of juveniles or catches threatened/endangered animals such as sea turtles	Include in grant agreements that Getco and RSFS will not use fishing nets that deplete younger generations of fish.  Include in grant agreement that Getco and RSFS will have zero tolerance for catching, buying or processing sea turtles or any other species protected in the Somaliland	Partnership M&E Officer	Include requirements in grant agreement and  Number of individuals trained on Somaliland Fisheries Law and good international practice.	Review of Grants  Review of materials  Training Reports	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		<p>Fisheries law and good international practice.</p> <p>Include in grant agreement that RSFS trains their cadre of young coastal nomads who cast day and night fish nets and sell their catch to RSFS on the requirements of the Somaliland Fisheries law and good international practice.</p>				
	<p>Fish processing produces waste products that cause a nuisance and pose a health hazard if not properly disposed.</p>	<p>RSFS: Require in grant agreement that fish wastes are incinerated and buried at least weekly, if not more frequently, at the approved dump site.</p> <p>And require that fish wastes are stored in an airtight container and out of human or animal contact until incineration occurs</p> <p>GETCO: Require in grant agreement that fish wastes are transported at least weekly, if not more frequently, to the approved dump site.</p>	<p>Partnership M&amp;E Officer</p>	<p>Include requirements in grant agreement and</p> <p>GETCO: Number waste transports to local dump.</p>	<p>Review of grant agreements</p> <p>Review of dumping records</p>	<p>Annually</p>

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	Fish processed at the facility or preserved in the facility ice cause consumer illness due to bacteriological or protozoan contamination from the water used to produce ice.	RSFS: Require in the grant agreement that the private wells are tested for water quality before ice-making operations commence.  GETCO: Require in the grant agreement that only Berbera city water will be used for cleaning, processing and ice-making operations.	Partnership M&E Officer	Include requirement in grant agreement.	Review of grant agreements, records and testing results.	Annually
	Risk to human health and the environment by using lead-based paint and poor construction management during rehabilitation.	GETCO: Include requirement in grant agreement to only allow lead-free paint. Include condition in grant agreement to require good construction management and materials storage practices.	Partnership M&E Officer	Inclusion of lead-free paint requirement and good construction management in grant agreement.	Site Inspections	During construction and annually thereafter
	Backup generator causes contamination due to leaking fuel.	GETCO: Require installation of external secondary containment around the generator and fuel storage tanks to contain spill or leak.	Partnership M&E Officer	Number of generators installed with proper secondary fuel containment.	Site Inspections	During construction and annually thereafter
	Fish processed at the facility pose a threat to consumer health through metal	GETCO: Require in the grant agreement that random fish are	Partnership M&E Officer	Number of random fish samples tested for metals and other	Review of Records	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	contamination or from infection from processing plant workers.	analyzed quarterly for quality in accordance with processing and packaging standards of the international fish administration law. Require in the grant agreement that all processing plant employees undergo medical screening, including testing for Hepatitis B, TB and other communicable diseases.		contaminants. Also report results. Number of workers tested for communicable diseases. Also report results.		
Togdheer Women's Group						
	Risk for carrying and spreading disease in goat and sheep herds.	Work with regional Vet officers to develop materials and provide ongoing training to traders on the identification of sick animals.  Partnership program supports training programs on identifying sick animals and actions to be taken by Vet officer with the support of the Partnership livestock team.  Spot check of	Partnership M&E Officer	Training materials developed and produced.  Number of training events held.  Number of people trained about risk of sick animals.	Review of materials  Training Reports	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		arriving trucks to assess disease status of purchased animals.				
Al Hussein Farms and International Livestock						
	Livestock purchased and fattened on the Al Hussein Farm can contract and spread diseases to other animals and to humans.	<p>Include requirement in grant agreement that all purchased livestock will be inspected by a qualified veterinarian and provided with vaccinations and parasite treatments as recommended.</p> <p>Include requirement in grant that sick animals will be quarantined and treated on site.</p>	Partnership M&E Officer	<p>Include requirements in grant agreement.</p> <p>Number of livestock vaccinated and treated for parasites.</p> <p>Number of livestock quarantined for sickness.</p> <p>Number of livestock lost to disease.</p>	Review of records  Site Inspections	Annually
	Animal wastes and manure from livestock cause a nuisance and health problem if not adequately disposed of or treated.	<p>Animal manure will be composted on site and applied to the fodder fields.</p> <p>International Livestock employees and others will be trained in sustainable livestock fattening practices.</p>	Partnership M&E Officer	<p>Volume or weight of composted manure used in the fodder fields.</p> <p>Number of training events held.</p> <p>Number of people trained about sustainable livestock practices</p>	Site Inspections	Annually
	Water use at the Al Hussein Farm for increased fodder	Include requirement in the grant agreement	Partnership M&E	Include requirement in grant agreement.	Review of documents	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
	production negatively impacts downstream users during low flow periods.	that Al Hussein Farms will not barrage the river or divert water during low flow conditions without first conducting a study on the impact on downstream water use and without consultation with and approval from local elders.	Officer		Site Inspection	
	Even though the 1500 acre farm is owned by Al Hussein, nomadic peoples and pastoralists who have traditionally used or crossed the property are impacted.	Include requirement in the grant agreement that Al Hussein Farms will continue to allow nomadic peoples and pastoralists to use and cross their property.	Partnership M&E Officer	Include requirement in grant agreement.	Review of documents Site Inspection	Annually
	Small scale construction results in environmental impacts.	Include condition in Al Hussein grant agreement to require good construction management and materials storage practices.	Partnership M&E Officer	Include good construction Management practices in grant agreement.	Review of documents Site Inspection	Annually
Afjireh Group						
	Improperly stored gas at the storage and filling location causes injury, explosions or contamination	Require in the grant agreement that 1000 gallon tanks are stored: In a facility that protects them from the environment (sun, rain, etc), that is secured to a firm foundation,	Partnership M&E Officer	Include tank and storage requirement in grant agreement and procurement documents	Review of documents Site Inspection	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		<p>that it is secured from outside tampering, that is at minimum of 20 meters from other tanks, buildings and property lines. Require through procurement that the 1000 gallon pressure tanks are built to ASME pressure vessel standards, and that the 5-gallon tanks have neck-ring, protective cap or protective collar to protect the valve and are equipped with Overfill Protection Devices (OPD).</p> <p>Require in grant agreement that 5-gallon tanks are stored:</p> <p>In a facility that protects them from the environment, stores them upright and away from other buildings and the property lines.</p>				
	Workers are injured while refilling 5-gallon tanks.	<p>Require in grant agreement that all workers are trained in:</p> <ul style="list-style-type: none"> <li>• Use of personal protective equipment and</li> </ul>	Partnership M&E Officer	<p>Include training requirements in grant agreement.</p> <p>Training materials developed and produced.</p>	<p>Review of documents</p> <p>Site Inspection</p> <p>Review of</p>	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		<p>safety procedures, including work gloves and eye protection.</p> <ul style="list-style-type: none"> <li>• Proper use of pressurized tank and transfer equipment.</li> <li>• Inspection of empty 5- gallon tank to be refilled for leaks or other damage.</li> <li>• The required procedure to calculate the maximum propane capacity of each tank and how not to exceed the capacity.</li> <li>• Emergency procedures in case of leaks or explosion.</li> <li>• Use of fire extinguisher.</li> </ul> <p>Require in grant agreement that there is a fire extinguisher at the location where 5-gallon tanks are filled/refilled, and that there is adequate ventilation at the site.</p>		<p>Number of training events held.</p> <p>Number of people trained in safe refilling practices.</p>	<p>materials</p> <p>Training Reports</p>	
	<p>Customers are injured using the gas for cooking.</p>	<p>Include in grant agreement that Afjireh Group shall inspect each 5-gal tank before refilling and</p>	<p>Partnership M&amp;E Officer</p>	<p>Include requirements in grant agreement.</p>	<p>Review of documents</p> <p>Site Inspection</p>	<p>Annually</p>

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		<p>requalify each tank on the schedule recommended by the tank manufacturer.</p> <p>Include in grant agreement that Afjireh Group shall only sell gas that includes an odorant.</p>				
Muliyo Salt Trading Company						
	<p>The chemicals used in salt refinement <i>[including (1) either potassium iodate or potassium iodite, (2) either potassium or sodium ferrocyanide and (3) one of magnesium carbonate, calcium silicate, sodium silico aluminate or tricalcium phosphate]</i> cause harm or damage from improper storage, handling, transportation, use or disposal.</p> <p>Risks include damage to thyroid, kidneys, nervous system, lungs, mucus membranes, eyes and skin. Risks also include chemical burns, explosion and toxic gasses produced during fire.</p>	<p>Include in grant agreement that if any chemicals are used now or in the future, all guidance provided in the Material Safety Data Sheet (MSDS) for each chemical must be strictly followed.</p> <p>Include in grant agreement that if any processing chemicals are to be used now or in the future, all staff shall be trained in proper identification, first aid, fire fighting, accidental release, storage and handling, exposure controls and personal protection, transportation, and</p>	Partnership M&E Officer	Include chemical handling and storage requirements in grant agreement.	Review of documents Site Inspection	Annually

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		proper disposal measures prior to use.				
	Workers develop skin and eye irritation and respiratory distress due to exposure to particulate salt during refining.	<p>Include in grant agreement that all workers are provided with and required to use gloves and protective clothing and eye protection.</p> <p>Include in grant agreement that processing facility must be ventilated.</p>	Partnership M&E Officer	Include safety requirements in grant agreement.	Review of documents Site Inspection	Annually
	Workers are injured at the salt processing plant during operations.	Include in grant agreement that all workers as well as all new, incoming workers are provided with safety and operations training for every piece of equipment in the facility.	Partnership M&E Officer	<p>Training materials developed and produced.</p> <p>Number of training events held.</p> <p>Number of people trained in machinery operations.</p>	Site Inspection Review of materials Training Reports	Annually
Tayo Energy						
	<p>Locations of wind turbines result in unnecessary aesthetic impacts.</p> <p>People or children are injured trying to climb towers or on guy wires that provide tower support.</p>	<p>Include in grant agreement that to the extent possible, turbines should be sited to be generally out-of-visibility.</p> <p>Require in grant agreement that windmills will use tubular metal towers so that the</p>	Partnership M&E Officer	Include siting and public safety requirements in grant agreement.	Review of documents Site Inspection	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		people cannot climb the towers and the four wind farms will be fenced for security and to protect the public from potential injury.				
	<p>A public nuisance is caused from continuous noise generated by the windmills.</p> <p>Small scale construction works associated with installing 3-4 km of buried conduit results in environmental impacts.</p>	<p>Include condition in grant agreement to site turbines out of the city center and away from buildings, residences and other public facilities.</p> <p>Include condition in grant agreement to require good construction management and material storage practices.</p>	Partnership M&E Officer	Include siting and good management requirements in grant agreement.	Review of documents Site Inspection	Annually
<b>Horumar Camel Dairy Farm</b>						
	Purchase and transport of milk from nomadic herders is not kept clean and/or cool, prematurely going bad.	<p>Include in grant agreement that Horumar shall sterilize their milk transportation containers between uses and keep milk cool during transport and storage.</p> <p>Include in grant agreement that Horumar trains nomadic herders who sell milk to</p>	Partnership M&E Officer	<p>Include sterilization requirements in grant agreement.</p> <p>Training materials developed.</p> <p>Number of training events held.</p> <p>Number of people trained in milk collection.</p>	Review of documents Site Inspection Review of materials Training Reports	Annually

Category of Activity from Section 5 of IIP and EG IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of IIP and EG IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IIP and EG IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring
		Horumar Dairy in how to collect and store milk for sale in clean, sanitary conditions				
	Preparing seed beds and planting fodder grasses and trees results in environmental damage.	<p>Include in grant agreement that Horumar use good agricultural practices when preparing seed beds and planting, including but not limited to maintaining tractors, properly storing oil and fuel, and confining any oil or fuel leaks/spills.</p> <p>Include in grant agreement that Horumar trains farm workers on agronomic and botanic aspects of fodder production and sustainability.</p>	Partnership M&E Officer	<p>Include agricultural requirements in grant agreement.</p> <p>Training materials developed.</p> <p>Number of training events held.</p> <p>Number of people trained in sustainable fodder production.</p>	<p>Review of documents</p> <p>Site Inspection</p> <p>Review of materials</p> <p>Training Reports</p>	Annually

**EMMR part 3 of 3: Reporting Form**

<p align="center"><b>List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)</b></p>	<p align="center"><b>Status of Mitigation Measures</b></p>	<p align="center"><b>List any outstanding issues relating to required conditions</b></p>	<p align="center"><b>Remarks</b></p>
<p>Education, technical assistance and training about activities that inherently affect the environment include discussions of prevention and mitigation of potential negative environmental effects. (<i>Kaaba Micro Credit grant</i>)</p> <p>Address environmental conservation and mitigation concerns in the draft Energy framework, laws and regulations (<i>Partnership Energy Activity</i>)</p>	<p>Grant agreement includes environmental requirements as outlined in the Environmental Review Form</p> <p>Draft Energy Law and Regulations address environmental conservation and protection practices, and references Act No: 04/98 <i>The Environmental Conservation Act</i></p>	<p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p>	
<p>Site wind turbines so that they are away from public access and other structures, away from existing flight paths and away from the visual line between the control tower and airport facilities. (<i>Partnership Energy Activity</i>)</p>	<p>Contract for turbines, RfP for civil works construction and agreement with Ministry of Aviation includes environmental requirements as outlined in the Energy Sub-Activity Environmental Review Form.</p> <p>Site wind turbines are away from public access, other structures, existing flight paths and away from visual line between the control</p>	<p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p>	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
Include condition in subcontract to require good construction management and material storage practices. ( <i>Partnership Energy Activity</i> )	tower and airport facilities.  Grant agreement and subcontracts include environmental requirements as outlined in the Environmental Review Form, including good construction management and material storage practices required.	No outstanding issues at this time	
Include condition in grant agreement to require good construction management, materials storage practices and protection of groundwater sources.  Site latrine at least 20m from any well, spring or drinking water source. ( <i>Business Enabling Activity</i> )	Included condition in grant agreement that good construction management, material storage practices and protection of groundwater sources required.  Subcontract will include environmental requirements as outlined in the Environmental Review Form, such as site latrine distance from water sources.	No outstanding issues at this time  No outstanding issues at this time	
Train farmers in soil conservation and integrated soils management techniques. ( <i>Agriculture Activity</i> )  Train farmers in efficient irrigation techniques to reduce competing water demands and increase crop productivity. ( <i>Agriculture</i>	Farmers trained during Season 1 and 2 at demo plots on best management practices to lower risks of soil erosion. Best practices include crop rotation, use of	No outstanding issues at this time	The irrigation training for farmers on their farmers will be a component of the on-farm training by extension agents during the 3 <sup>rd</sup> season.

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<p><i>Activity</i>)</p> <p>Train farmers about proper water management and vector reduction techniques. Raise awareness among farmers through extension agents regarding farm-level sanitation. (<i>Agriculture Activity</i>)</p> <p>Train farmers on best management practices to lower risks of soil erosion. Best practices include crop rotation, use of improved seeds, intercropping, proper plant spacing, improved irrigation efficiency, use of manure and compost, etc. (<i>Agriculture Activity</i>)</p> <p>Train farmers on integrated management practices and the benefits of crop rotations, intercropping and integrated management practices</p> <p>Train Farmers on Natural pesticides practices to avoid use of chemical pesticides. Train farmers on proper use of organic matter. (<i>Agriculture Activity</i>)</p> <p>Train farmers on safe pesticide use during on-site training and extension services. Choose least toxic agrochemicals using requirements set in EMMP Train in safe use actions Limit use of the pesticides to small plots Train farmers on sowing Proper time of crops</p>	<p>improved seeds, intercropping, proper plant spacing, improved irrigation efficiency, use of manure and compost etc.</p> <p>Farmers trained on integrated management practices and the benefits of crop rotations, intercropping and integrated management practices.</p> <p>Farmers trained on natural pesticides practices to avoid use of chemical pesticides</p> <p>Farmers trained on safe pesticide use during on-site training and extension services, choosing least toxic</p>	<p>No outstanding issues at this time</p>	<p>The proper water management training was conducted during the 3<sup>rd</sup> season by extension agents for farmers in their sites.</p> <p>Farmers trained on natural pesticides and safe pesticide use during on site training and extension services.</p>

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<p>to reduce pest/disease affects and selecting resistant varieties. (<i>Agriculture Activity</i>)</p> <p>Train farmers on safe pesticide use and good agricultural management practices through extension services.</p> <p>Training on good business management techniques through extension services.</p> <p>Training on post harvest management techniques (packaging, transportation and marketing practices). (<i>Agriculture Activity</i>)</p>	<p>agrochemicals, limit use and safe of pesticides to small plots to reduce pest/disease affects and selecting resistant varieties.</p> <p>Farmers trained on safe pesticide use and good agricultural management practices through extension services.</p> <p>Trainings on good business management techniques through extension services conducted.</p>	<p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p>	<p>Training on good business management techniques through extension services provided.</p> <p>Training on post-harvest management was conducted in the 3<sup>rd</sup> season.</p>
<p>Require good site management practices by the contractor in the construction subcontract and require that the windmill has an automatic</p>	<p>Not yet done.</p>	<p>No outstanding issues at this time</p>	<p>The windmill installation is still incomplete because the delay of windmill parts from</p>

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
shutoff or other mechanisms to avoid standing water from spillage around the pump. <i>(Agriculture Activity)</i>			regional supplier. Good site management practices will be conducted during 3 <sup>rd</sup> season
<p>Train CAWHs, AHAs and farmers/pastoralists in best practices for handling, storage and use of veterinary medicines. <i>(Puntland and Livestock Activities)</i></p> <p>Train supply chain actors to ensure that appropriate medicines are stocked, sold and used. Wholesalers will be trained, spot-checked and inspected to ensure that appropriate medicines are available and sold; CAWHs and AHAs will be trained to ensure the safe use of these medicines. <i>(Puntland and Livestock Activities)</i></p> <p>Train wholesalers, suppliers, importers, CAWHs and AHAs will be trained on proper and appropriate disposal of medicine containers to reduce the potential for release to the environment. <i>(Puntland and Livestock Activities)</i></p>	Done.	<p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p>	<p>CBAHWs, AHAs and farmers/pastoralists were training on best practices for handling, storage and use of veterinary medicine both in Puntland and Somaliland through livestock activities.</p> <p>Supply chain actors were trained to ensure that appropriate medicines are stocked, sold and used.</p>
<p>Train laboratory technicians in the proper use of analytic laboratory analytic as well as the proper use, storage or handling of required chemical reagents. <i>(Puntland Activity)</i></p> <p>Laboratory technicians will be trained in the proper use of analytic laboratory analytic as well as the proper use, storage or handling of required chemical reagents, including</p>	Laboratory technicians were trained on the proper use of analytic laboratory analytic as well as the proper use, storage or handling of required chemical reagents.	No outstanding issues at this time	The laboratory technicians' training was conducted.

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
recommendations in the associated MSDS. ( <i>Puntland Activity</i> )			
<p>Include in grant agreements that <i>Getco</i> and <i>RSFS</i> will not use fishing nets that deplete younger generations of fish.</p> <p>Include in grant agreement that <i>Getco</i> and <i>RSFS</i> will have zero tolerance for catching, buying or processing sea turtles or any other species protected in the Somaliland Fisheries law and good international practice.</p> <p>Include in grant agreement that <i>RSFS</i> trains their cadre of young coastal nomads who cast day and night fish nets and sell their catch to <i>RSFS</i> on the requirements of the Somaliland Fisheries law and good international practice.</p>	<p>Grant agreement of GETCO and RSFS includes that fishing nets that deplete younger generations of fish will not be used.</p> <p>Grant agreement includes that GETCO and RSFS will have zero tolerance for catching, buying or processing sea turtles or any other species protected in the Somaliland Fisheries Law and good international practice.</p> <p>Grant agreement includes that RSFS trains their cadre of young coastal nomads who cast day and night fish nets and sell their catch to RSFS on the requirements of the Somaliland Fisheries Law and good international practices</p>	<p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p>	
<p><i>RSFS</i>: Require in grant agreement that fish wastes are incinerated and buried at least weekly, if not more frequently, at the approved dump site.</p>	<p><i>RSFS</i> is required by the grant agreement that fish wastes are incinerated and buried at least weekly, if not more frequently, at the approved dump site.</p>	<p>No outstanding issues at this time</p>	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<p>And require that fish wastes are stored in an air-tight container and out of human or animal contact until incineration occurs</p> <p><i>GETCO</i>: Require in grant agreement that fish wastes are transported at least weekly, if not more frequently, to the approved dump site.</p>	<p>And also it is required that fish wastes stored in an air-tight container and out of human or animal contact until incineration occurs.</p> <p><i>GETCO</i> is required by the grant agreement that fish wastes are incinerated and buried at least weekly, if not more frequently, at the approved dump site.</p>	<p>No outstanding issues at this time</p>	
<p><i>RSFS</i>: Require in the grant agreement that the private wells are tested for water quality before ice-making operations commence.</p> <p><i>GETCO</i>: Require in the grant agreement that only Berbera city water will be used for cleaning, processing and ice-making operations.</p> <p>Require in the grant agreement that random fish are analyzed quarterly for quality in accordance with processing and packaging standards of the international fish administration law.</p>	<p><i>RSFS</i> is required in the grant agreement that the private wells are tested for water quality before ice-making operations commence.</p> <p><i>GETCO</i> is required in the grant agreement that only Berbera city water will be used for cleaning, processing and ice-making operations.</p> <p>In the grant agreement, it is required that random fish are analyzed quarterly for quality in accordance with processing and packaging standards of the international</p>	<p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p>	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
Require in the grant agreement that all processing plant employees undergo medical screening, including testing for Hepatitis B, TB and other communicable diseases.	fish administration law. It is required in the grant agreement that all processing plant employees undergo medical screening, including testing for Hepatitis B, TB and other communicable diseases.	No outstanding issues at this time	
<i>GETCO</i> : Include requirement in grant agreement to only allow lead-free paint. Include condition in grant agreement to require good construction management and materials storage practices.	<i>GETCO</i> grant agreement includes to only allow lead-free paint. It also includes as condition in the grant agreement that good construction management and materials storage practices.	No outstanding issues at this time	
<i>GETCO</i> : Require installation of external secondary containment around the generator and fuel storage tanks to contain spill or leak.	<i>GETCO</i> is required the installation of external secondary containment around the generator and fuel storage tanks to contain spill or leak.	No outstanding issues at this time	
<i>GETCO</i> : Require in the grant agreement that random fish are analyzed quarterly for quality in accordance with processing and packaging standards of the international fish administration law.	<i>GETCO</i> is required in the grant agreement that random fish are analyzed quarterly for quality in accordance with processing and packaging standards of the international fish administration law.	No outstanding issues at this time	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<p>Require in the grant agreement that all processing plant employees undergo medical screening, including testing for Hepatitis B, TB and other communicable diseases.</p>	<p>It is required in the grant agreement that all processing plant employees undergo medical screening, including testing for Hepatitis B, TB and other communicable diseases.</p>	<p>No outstanding issues at this time</p>	
<p><i>Togdheer Women's Livestock Association:</i> Work with regional Vet officers to develop materials and provide ongoing training to traders on the identification of sick animals.</p> <p>Partnership program supports training programs on identifying sick animals and actions to be taken by Vet officer with the support of the Partnership livestock team.</p> <p>Spot check of arriving trucks to assess disease status of purchased animals.</p>	<p>Togdheer Women's Group works with regional vet officers to spot check arriving animals but not yet developed materials and not yet provide ongoing training to traders on the identification of sick animals.</p> <p>For all livestock procurements by partners such as Al Hussein Farm and TWLA, a spot check is conducted by the regional veterinary officer and the Partnership's Animal Production Specialist and/or the Animal Health Officer. Sick animals are instantly treated with deworming cure, antibiotic injections or other commonly treated interventions. In addition,</p>	<p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p>	<p>Training material was developed and trainings were given to the traders to identify sick animals. Two persons from Togdheer women were also partaken in the CAWHs trainings.</p>

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
	<p>grantee/subcontractor laborers who handle livestock are provided with basic animal hygiene and management to provide safeguard in standard practices. In addition, arriving trucks are spot checked to assess disease status of purchased animals by the regional vet officer when arriving in Burao.</p>		
<p><i>International Livestock/Anaam and Al Husseini Farms:</i> Include requirement in grant agreement that all purchased livestock will be inspected by a qualified animal health specialist and provided with vaccinations and parasite treatments as recommended.</p> <p>Include requirement in grant that sick animals will be quarantined and treated on site.</p>	<p>In the grant agreements of ILRC/Anaam and Alhusseini Farm is included that all purchased livestock will be inspected by a qualified animal health specialist and provided with vaccinations and parasite treatment as recommended.</p> <p>Grant agreement includes that sick animals will be quarantined and treated on site.</p>	<p>No outstanding issues at this time</p>	
<p><i>International Livestock / Anaam and Al Husseini Farms:</i> Animal manure will be composted on site and applied to the fodder fields.</p>	<p>Animal manure will be composted on site and applied to the fodder fields by ILC and Al Husseini farm.</p>	<p>No outstanding issues at this time</p>	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<i>International Livestock / Anaam</i> employees and others will be trained in sustainable livestock fattening practices.	ILC employees will be trained in sustainable livestock fattening practices.		
Include requirement in the grant agreement that <i>Al Hussein Farms</i> will not barrage the river or divert water during low flow conditions without first conducting a study on the impact on downstream water use and without consultation with and approval from local elders.	It is included in the grant agreement that <i>Al Hussein Farms</i> will not barrage the river or divert water during low flow conditions without first conducting a study on the impact on downstream water use and without consultation with and approval from local elders.	No outstanding issues at this time	
Include requirement in the grant agreement that <i>Al Hussein Farms</i> will continue to allow nomadic peoples and pastoralists to use and cross their property.	In the grant agreement, it is included that <i>Al Hussein Farms</i> will continue to allow nomadic peoples and pastoralists to use and cross their property.	No outstanding issues at this time	
Include condition in <i>Al Hussein</i> grant agreement to require good construction management and materials storage practices.	Included condition in <i>Al Hussein</i> grant agreement to require good construction management and materials storage practices and construction completed.	No outstanding issues at this time	Good construction management for storage practices and construction completed.
<i>Affireh Group</i> : Require in the grant agreement that 1000 gallon tanks are stored: In a facility that protects them from the environment (sun, rain, etc), that is secured to	In the grant agreement of <i>Affireh</i> , it is required that 1000 gallon tanks are stored: In a facility that protects	No outstanding issues at this time	Canisters are expected to arrive next quarter

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<p>a firm foundation, that it is secured from outside tampering, that is at minimum of 20 meters from other tanks, buildings and property lines.</p> <p>Require through procurement that the 1000 gallon pressure tanks are built to ASME pressure vessel standards, and that the 5-gallon tanks have neck-ring, protective cap or protective collar to protect the valve and are equipped with Overfill Protection Devices (OPD).</p> <p>Require in grant agreement that 5-gallon tanks are stored: In a facility that protects them from the environment, stores them upright and away from other buildings and the property lines.</p>	<p>them from the environment (sun, rain, etc), that is secured to a firm foundation, that it is secured from outside tampering, that is at minimum of 20 meters from other tanks, buildings and property lines.</p> <p>It is also required through procurement that the 1000 gallon pressure tanks are built to ASME pressure vessel standards, and that the 5-gallon tanks have neck-ring, protective cap or protective collar to protect the valve and are equipped with Overfill Protection Devices (OPD).</p> <p>It is require in grant agreement that 5-gallon tanks are stored in a facility that protects them from the environment, stores them upright and away from other buildings and the property lines.</p>	<p>No outstanding issues at this time</p> <p>No outstanding issues at this time</p>	
<p><i>Afjireh Group</i>: Require in grant agreement that all workers are trained in:</p> <ul style="list-style-type: none"> <li>• Use of personal protective equipment and safety procedures, including work gloves and eye protection.</li> <li>• Proper use of pressurized tank and transfer equipment.</li> </ul>	<p>It is required in Afjireh grant agreement that all workers are trained in:</p> <ul style="list-style-type: none"> <li>• Use of personal protective equipment and safety procedures, including work gloves and eye protection.</li> </ul>	<p>No outstanding issues at this time</p>	

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
<ul style="list-style-type: none"> <li>• Inspection of empty 5- gallon tank to be refilled for leaks or other damage.</li> <li>• The required procedure to calculate the maximum propane capacity of each tank and how not to exceed the capacity.</li> <li>• Emergency procedures in case of leaks or explosion.</li> <li>• Use of fire extinguisher.</li> </ul> <p>Require in grant agreement that there is a fire extinguisher at the location where 5-gallon tanks are filled/refilled, and that there is adequate ventilation at the site.</p>	<ul style="list-style-type: none"> <li>• Proper use of pressurized tank and transfer equipment.</li> <li>• Inspection of empty 5- gallon tank to be refilled for leaks or other damage.</li> <li>• The required procedure to calculate the maximum propane capacity of each tank and how not to exceed the capacity.</li> <li>• Emergency procedures in case of leaks or explosion.</li> <li>• Use of fire extinguisher.</li> </ul> <p>It is require in Afjireh grant agreement that there is a fire extinguisher at the location where 5-gallon tanks are filled/refilled, and that there is adequate ventilation at the site.</p>	<p>No outstanding issues at this time</p>	
<p>Include in grant agreement that <i>Afjireh Group</i> shall inspect each 5-gal tank before refilling and requalify each tank on the schedule recommended by the tank manufacturer.</p> <p>Include in grant agreement that <i>Afjireh Group</i> shall only sell gas that includes an odorant.</p>	<p>It is included in the grant agreement of <i>Afjireh Group</i> that it shall inspect each 5-gal tank before refilling and re-qualify each tank on the schedule recommended by the tank manufacturer.</p>	<p>No outstanding issues at this time</p>	
<p><i>Tayo Energy</i>: Include in grant agreement that to the extent possible, turbines should be sited to be generally out-of-visibility.</p>	<p>It is included in grant agreement of <i>Tayo Energy</i> that to the extent possible, turbines should be sited to be generally out-of-visibility.</p>	<p>No outstanding issues at this time</p>	<p><i>Tayo Energy</i> turbines site is out of visibility at the suburb of Berbera.</p>

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
Require in grant agreement that windmills will use tubular metal towers so that the people cannot climb the towers and the four wind farms will be fenced for security and to protect the public from potential injury.	It is required in grant agreement that windmills will use tubular metal towers so that the people cannot climb the towers and the four wind farms will be fenced for security and to protect the public from potential injury.	No outstanding issues at this time	
<p><i>Tayo Energy</i>: Include condition in grant agreement to site turbines out of the city center and away from buildings, residences and other public facilities.</p> <p>Include condition in grant agreement to require good construction management and material storage practices.</p>	<p>It is included condition in grant agreement to site turbines out of the city center and away from buildings, residences and other public facilities.</p> <p>It is included condition in grant agreement that it is required good construction management and material storage practices.</p>	No outstanding issues at this time	Tayo Energy turbines site is out of city center and is at the suburb of Berbera and away from buildings, residences and public facilities.
<p>Include in grant agreement that <i>Horumar Dairy</i> shall sterilize their milk transportation containers between uses and keep milk cool during transport and storage.</p> <p>Include in grant agreement that <i>Horumar Dairy</i> trains nomadic herders who sell milk to <i>Horumar Dairy</i> in how to collect and store milk for sale in clean, sanitary conditions.</p>	<p>It is included in grant agreement that <i>Horumar Dairy</i> shall sterilize their milk transportation containers between uses and keep milk cool during transport and storage.</p> <p>It is included in grant agreement that <i>Horumar Dairy</i> will train nomadic herders who sell milk to collect and store milk for</p>	No outstanding issues at this time	The milk transportation containers and refrigerators to keep milk cool purchase is in process and will be completed soon.

List each Mitigation Measure from column 3 in the EMMR Mitigation Plan (EMMR Part 3 of 3)	Status of Mitigation Measures	List any outstanding issues relating to required conditions	Remarks
	<i>Horumar Dairy</i> in how to sale in clean, sanitary conditions.		
<p>Include in grant agreement that <i>Horumar Dairy</i> use good agricultural practices when preparing seed beds and planting, including but not limited to maintaining tractors, properly storing oil and fuel, and confining any oil or fuel leaks/spills.</p> <p>Include in grant agreement that <i>Horumar Dairy</i> trains farm workers on agronomic and botanic aspects of fodder production and sustainability.</p>	<p>It is included in grant agreement that <i>Horumar Dairy</i> use good agricultural practices when preparing seed beds and planting, including but not limited to maintaining tractors, properly storing oil and fuel, and confining any oil or fuel leaks/spills.</p> <p>It is included in grant agreement that <i>Horumar Dairy</i> trains farm workers on agronomic and botanic aspects of fodder production and sustainability.</p>	No outstanding issues at this time	<i>Horumar Dairy</i> trained farm workers on agronomic and botanic aspects of fodder production and sustainability.

**Certification**

**I certify the completeness and the accuracy of the mitigation and monitoring plan described above for which I am responsible and its compliance with the IIP and EG IEE:**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Suleiman Mohamad  
Chief of Party, Partnership for Economic Growth  
DAI

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**BELOW THIS LINE FOR USAID USE ONLY**  
**USAID/EA/LPC/Somalia Clearance of EMMR:**

Contracting Officer's Representative: \_\_\_\_\_ Date: \_\_\_\_\_  
Marybeth McKeever

Mission Environmental Officer: \_\_\_\_\_ Date: \_\_\_\_\_  
Ismail M Shaiye

As appropriate: REA, BEO [depending on nature of activity, which potentially may require an EA]

**Note:** if clearance is denied, comments must be provided to applicant.

## APPENDIX II: PERFORMANCE AGAINST INDICATOR TARGETS

### Appendix:

Table 4: Partnership For Economic Growth Indicator performance in 10<sup>th</sup> Quarter (4<sup>th</sup> quarter FY 2013)

Indicator	Baseline	FY2013: Target	Actual Results				Achievement
			Q1	Q2	Q3	Q4	Total
<b>Objective Level Indicators</b>							
<b>PO 1:</b> Percent of respondents who state that economic conditions have improved over the last year	59%	66%	N/A	N/A	N/A	N/A	N/A
<b>PO 2:</b> Percent of respondents who state that security has improved over the last year.	82%	89%	N/A	N/A	N/A	N/A	N/A
<b>Intermediate Result 1 Level Indicators</b>							
<b>1.1:</b> Average percent change in score on key areas of organization capacity amongst USG direct and indirect local implementing partners.	15%	14% Increase	N/A	N/A	N/A	31%	31% Exceeded
<b>1.2:</b> Number of days of technical assistance trade and investment environment provided to counterpart or stakeholder.	0	180	49	132	315	176	672 Exceeded
<b>1.3:</b> Score on Legislative Framework Milestone Index.	0	100%	65%	N/A	N/A	N/A	65%
<b>Intermediate Result 2 Level Indicators</b>							
<b>2.1:</b> Percent change in volume/yield of agricultural products/commodities supported through PEG activities (kg)	<b>25,904.1 kg/Ha</b> (Only 5 crops, Tomatoes, Onions, Cabbage,	31,084.80 Kg/Ha Increase	N/A	N/A	N/A	<b>N/A kg/Ha</b> 102% increase realized for tomato, onion, & watermelon. Baseline = 9,750	<b>N/A kg/Ha</b> 102 % Exceeded (For the 3 crops that

	Watermelon, Lettuce).					for the 3 crops. The 2013 harvest was 20,000 kg/ha. Lettuce & cabbage were not in season in 2013 trial)	were in season)
2.2: Number Farmers and others who have applied new technologies or Management practices as a result of USG assistance.	0	50 (47 M & 3 F)	N/A	N/A	56 (m:5 1 F:5 Y: 17)	N/A	56 Exceeded
<b>Common or Activity Level Indicators</b>							
3.1.1 Number of training events	0	78	59	113	150	15	337 Exceeded
3.1.2 Number of individuals who have received USG supported short-term agricultural sector productivity or food security training.	0	198	663 M:2 67 F:39 6	360 M:308 F:52 Y:194	908 M:64 0 F:26 8 Y:33 0	59 M:57 F: 2 Y: 37	1990 Exceeded
3.1.3 Number of participants who have completed the training supported by the USG.	0	84 M:72 F:12	548 M:4 64 F:84	1890 M:146 3 F:427 Y:157 8	1509 M: 1124 F:38 5 Y: 1086	109 M:89 F: 20 Y: 74	4056 Exceeded
3.1.4. Person hours of training completed in private sector productive capacity supported by USG assistance.	0	69818 M:592 95 F:1052 3	2,24 5 M:1 039 F:12 06	232,0 20 M:175 ,146 F:56,8 74 Y:185	100,3 52 M:67 ,620 F:32, 732 Y:78,	576 M:41 6 F: 160 Y: 40	335,193 Exceeded

				,496	617		
3.2. Number of persons receiving new or better employment (including better self-employment) as a result of participation in USG-funded workforce development project	0	21	N/A	36 M:30 F:6 Y:33	N/A	N/A	36 Exceeded
3.3. Number of food security private enterprises, producers organizations, water users associations, women's groups, trade and business associations, and community-based organizations (CBOs) receiving USG	0	16	N/A	N/A	2	N/A	2 Not met
3.4. Number of partnership supported events.	0	39	8	6	15	19	48 Exceeded
3.5. Number of technologies or management practices in one of the phases of development	0	17	N/A	N/A	10	N/A	10 Not met
3.6. Number of investment deals initiated or completed by project end, through the contribution of USG assistance.	0	1	N/A	1	N/A	N/A	1 Met
3.7. Number of policy reforms/regulations/administrative procedures drafted and presented for public /stakeholder consultation to enhance sector governance and/or facilitate private sector participation and competitive markets as a result of USG assistance (FAF).	0	0	N/A	N/A	N/A		0