



Water for Agropastoral Livelihoods Pilot Project (P152024)

AFRICA | Somalia | Agriculture Global Practice |
 Recipient Executed Activities | Investment Project Financing | FY 2015 | Seq No: 3 | ARCHIVED on 02-Dec-2017 | ISR30469 |

Implementing Agencies: Government of Somaliland, Federal Government of Somalia, Minister of Environment & Rural Development, Somaliland, Ministry of Environment, Wildlife and Tourism

Key Dates

Key Project Dates

Bank Approval Date:21-May-2015

Effectiveness Date:07-Dec-2015

Original Closing Date:30-Jun-2017

Revised Closing Date:31-Dec-2017

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

To improve the pastoral and agro-pastoral communities' access to, and management of, small-scale water sources and to enhance the capacity of the government to implement small-scale water interventions in targeted arid lands of Somaliland and Puntland.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Moderately Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory

Implementation Status and Key Decisions

The following project status is based on the last Implementation Support mission carried out from October 24 to November 1, 2017.

Component 1: Developing under-utilized agro-pastoral water supply technologies

Good progress has been made with ancillary works at all dam sites (water tanks, water points, animal troughs, stores etc) but the early onset of rains has delayed the final step of constructing the dam walls at 6 out of 8 sites.

Puntland - Construction is well underway at all four sites (Lasadawaco, Xamxama, Meledeen and Reydable). Except for the unexpected flash flood



at Meeleden, that inundated the initial excavations of the dam foundation, construction at all sites is going well with good progress. The construction quality of concrete works, curing, alignment, plastering installation of inlet and outlet pipes is satisfactory. The last mission visited Xamxama subsurface dam and at the time of the visit, a concrete dam (with 60m long wing walls), 50m³ storage tank, two animal troughs (separate for camels and shoats) were completed. The remaining works include construction of one subsurface dam downstream, one inlet chamber/shallow well, and installation of solar panels. Additional soil profile information is being gathered at the site of the second dam in the cascade to establish whether to proceed with constructing it. The final decision will be made in late November. At Reydable similarly 50 m³ storage tank, inlet chamber/shallow well, and animal water troughs were constructed, the foundation of the dam excavated and a 70-meter-long High Density Polyethylene (HDPE) sheet laid on the axis of the dam. At Lasadawaco the construction of a 136 meters long concrete dam wall has been completed. Only minor works remain to connect the dam storage at Reydable and Lasadawaco with their respective distribution facilities. At Meledeen, the construction of a 50m³ storage tank, inlet chamber/shallow well, and animal water troughs were completed. The dam foundation at Meeleden was inundated by water during the flash flood and needs to be re-excavated and lined with a HDPE sheet, as soon as remaining river flows abate. There has been some deviation from original designs due to lack of design in the underlying studies (e.g. topographic study). These variations have been overseen and carefully managed by site engineers hired by government.

Somaliland - Construction is well underway at all four sites (Arabsiyo, Awbarakhadle, Dinqal and Debis). All contractors were mobilized around mid-August 2017 but due to unseasonally early rains, starting in September, dam wall construction was put on hold. Instead construction has focused on ancillary facilities (water tanks, pipe works, water troughs, public water points, caretaker room and stores. At all sites, the mobilization of equipment and material for the construction of the dams has been done. Once the rain relent the excavation and dam wall construction will commence. Workmanship so far is good. All the sites were allocated to different contractors but there has been good adherence to design standards, which can be accredited to good project management, construction supervision and contract administration by the PCU. The remaining works include construction of storage dams, inlet chamber/shallow wells at two sites, and installation of solar panels. Given the high-volume of flash flows when it rains, which carry both fine material and heavier boulders, the design for the sand dams is a convex arch, embedded into the embankments to resist this temporary force. Latrines and hand-washing facilities, not included in the original designs, have been added at each site. Additional minor variations were discussed during the mission (e.g. extending the dam walls at Awbarakhadle into the embankment rock). Additional field investigations are being made and a final decision on variations will be made in late November 2017.

Component 2: Government capacity building and community empowerment

Since the start of the project government capacity to manage the project and engage with communities has developed well. The teams have learnt a great deal about the siting of small dams through training on the Wadi Evaluation Tool and an exchange visit to the Africa Sand Dams Foundation in Kenya in late 2016. There has also been a series of training events on procurement and financial management for the civil servants involved. However, the most important government capacity building and community empowerment has come through the process of learning-by-doing - particularly during the works procurement and works construction period. STEP was introduced in just as works procurement started which posed a steep learning curve for government teams. During the construction period there has been intensive dialogue among the government project coordination team, the beneficiary communities and the contractors. These discussions have covered a range of issues: finalizing the exact placement of the dams and ancillary works; agreeing local participation in the works; joint problem solving e.g. the inundation of the dam foundations at Meeleden; hygiene and sanitation promotion, and; the rules and by laws for water management post-construction.

As works near completion it will be important that the dialogue between government and communities continues on a) water monitoring; b) water management (division of available water among people, livestock and irrigated agriculture) c) assessing the impact of the project on beneficiaries.

The World Bank task team continues to emphasize the critical need to ensure inclusion, particularly of women, who are often responsible for fetching water and decisions around household use of water, but also of other key community stakeholders, including youth, displaced populations and other marginalized groups who may otherwise be excluded from decision making fora around hygiene and sanitation as well as water resource management.

Component 3: Project Management and Monitoring & Evaluation (M&E)

The project coordination unit (PCU) in both Puntland and Somaliland continue to be operational and staffed with government secondees (PCU Coordinator, M&E, Finance and Procurement Officers).

As STEP was introduced during the project there a few earlier procurements managed on email that should be transferred over to STEP. Both the Puntland and the Somaliland PCUs have agreed to finalize this transfer before the end of the calendar year.

The external audit carried out in December 2016 coordinated by the respective Accountant Generals, External Assistance Fiduciary Sections issued unqualified opinions for project financial statements in both Puntland and Somaliland. This is an important milestone in the use of country systems. Issues on internal controls raised in the management letter have been addressed in accordance with the proposed action plan in both Puntland and Somaliland.



Risks

Overall Risk Rating

Risk Category	Rating at Approval	Previous Rating	Current Rating
Overall	--	● Substantial	● Substantial

Results

Project Development Objective Indicators

▶Number of people in rural areas provided with access to Improved Water Sources under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	35,000.00
Date	01-Jul-2015	17-Jan-2017	17-Jan-2017	15-Jun-2017

▶Improved community water points constructed or rehabilitated under the project allowing livestock to access water for 10 months or more per year (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8.00
Date	01-Jul-2015	17-Jan-2017	17-Jan-2017	15-Jun-2017

▶Water resources rehabilitated or newly built by the government under the project that are operational and sustainably managed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8.00
Date	01-Jul-2015	17-Jan-2017	17-Jan-2017	15-Jun-2017



▶Percentage of community stakeholders attributing change to government (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	75.00
Date	01-Jul-2015	17-Jan-2017	17-Jan-2017	15-Jun-2017

▶Direct project beneficiaries (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	35,000.00
Date	01-Jul-2015	17-Jan-2017	17-Jan-2017	15-Jun-2017

▲Female beneficiaries (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	60.00

Overall Comments

Intermediate Results Indicators

▶Improved community water points constructed or rehabilitated under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8.00
Date	01-Jul-2015	17-Jan-2017	17-Jan-2017	15-Jun-2017



►Operational water user associations created and/or strengthened (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8.00
Date	01-Jul-2015	17-Jan-2017	17-Jan-2017	15-Jun-2017

►Livestock watered over longer period in the year in water resources rehabilitated or newly built under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	418,000.00	0.00	0.00	918,000.00
Date	01-Jul-2015	17-Jan-2017	17-Jan-2017	15-Jun-2017

►Technical, administrative and community mobilization skills strengthened in service providers (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	16.00	40.00	40.00
Date	01-Jul-2015	17-Jan-2017	17-Jan-2017	15-Jun-2017

►People trained to improve hygiene behaviour or sanitation practices under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6,000.00
Date	01-Jul-2015	17-Jan-2017	17-Jan-2017	15-Jun-2017



►A monitoring system for localized resources-based conflicts that allows to document occurring conflicts is established and operational (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	01-Jul-2015	17-Jan-2017	17-Jan-2017	12-Apr-2017

Overall Comments

Data on Financial Performance

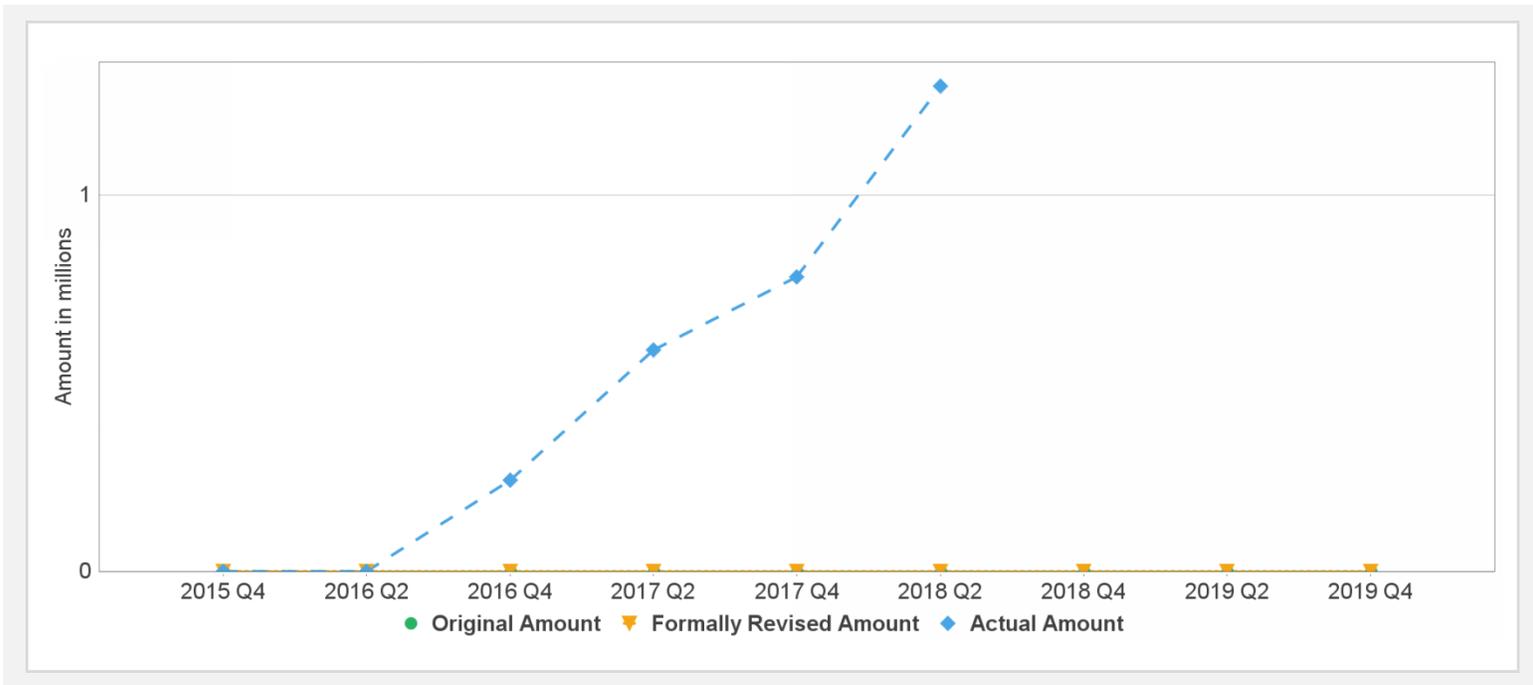
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P152024	TF-A0646	Effective	USD	1.00	1.00	0.00	0.74	0.26	 74%
P152024	TF-A0684	Effective	USD	1.00	1.00	0.00	0.55	0.45	 55%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P152024	TF-A0646	Effective	21-May-2015	30-Jul-2015	07-Dec-2015	30-Jun-2017	31-Dec-2017
P152024	TF-A0684	Effective	21-May-2015	16-Sep-2015	15-Dec-2015	30-Jun-2017	31-Dec-2017

Cumulative Disbursements



Restructuring History

Level 2 Approved on 02-Jun-2017

Related Project(s)

There are no related projects.