



Kihansi Catchment Conservation and Management Project (P126361)

AFRICA | Tanzania | Environment & Natural Resources Global Practice |
Global Environment Project | Investment Project Financing | FY 2014 | Seq No: 3 | ARCHIVED on 27-Oct-2015 | ISR20923 |

Implementing Agencies: National Environment Management Council

Key Dates

Key Project Dates

Board Approval date:26-Sep-2013

Effectiveness Date:02-Dec-2013

Planned Mid Term Review Date:06-Jun-2016

Actual Mid-Term Review Date:--

Original Closing Date:31-Dec-2018

Revised Closing Date:31-Dec-2018

Global Environmental Objectives

Global Environmental Objective (from Project Appraisal Document)

The proposed Project Development Objective (PDO) is to enhance biodiversity conservation in the Kihansi catchment. The project will complement as well as assist on-going efforts of key resource regulatory authorities to conserve critically endangered and highly endemic plant and animal species and their habitat in the Kihansi catchment.

Has the Global Environmental Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Component 1: Institutional capacity building for the management of the Kihansi catchment:(Cost \$1.07 M)

Component 2: Conserve endangered species in the Kihansi catchment:(Cost \$4.61 M)

Component 3. Project Management:(Cost \$0.30 M)

Overall Ratings

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



Implementation Status and Key Decisions

There has been good overall progress of implementation of project activities since February 2015. The project spending level has increased thrice and about 15% of the grant amount has been disbursed between February and September 2015. The project has commissioned key studies and consultancies planned to start during the first and second years of the project including: Economic analysis of water use of Lower Kihansi Hydropower Plant and Communication Strategy. Identification and mapping of important water sources and biodiversity hotspots in the catchments has been carried out as part of development of the Kihansi Catchment Management Plan. The project has engaged the Department of Crop Science and Production of Sokoine University for assessment of the status of wild coffee and other key species endemic to the Kihansi Gorge.

Trainings for Integrated Pest Management (IPM) for the communities in the catchment in Kilolo, Mufindi and Kilombero districts have been conducted in collaboration with the Ministry of Agriculture, Food Security and Cooperatives and a total of 116 people have so far been trained. Community representatives were drawn from eight villages from upstream and downstream of Kihansi river, with a total of 20 female participants. Other participants included: Ward Executive Officers; Village Executive Officers; Subject Matter Specialists; Extension Officers; Plant Protection Officers; and project teams from implementing districts. A second training, which was organized for environmental management and biodiversity conservation was delivered to 40 key staff from the Tanzania Electric Supply Company (TANESCO), including Kihansi Gorge attendants and engineers based at Kihansi Hydropower Station. There were four female participants in this training. The project has also procured most of the required research and field equipment, including specialized items for Kihansi Spray Toad captive breeding facilities and vehicles.

The Kihansi Spray Toad (KST) captive breeding program in Tanzania is progressing well. The captive facilities at the University of Dar es Salaam (UDSM) and Kihansi are doing well and the number of Kihansi Spray Toads (KSTs) has shown a positive trend for several months, particularly at UDSM. Currently the total population of captive bred KSTs in Tanzania is approximately 1400 from both UDSM and Kihansi facilities. The team of experts continues to monitor the key ecological indicators for the gorge including amphibian populations, wetland vegetation, macro-invertebrates, water quality and (land use/cover every five years). The last survey was carried out between 2 and 6 May, 2015 and KST was recorded in one site in the upper spray wetland. The detection rate was about ten toads per person-hour during the night time and one toad per person-hour during the day time. This rate is lower than that recorded in February 2015, when the population size was 1500, suggesting the toads re-introduced in the gorge have declined in numbers. Based on the current detection rate of 11 toads per person-hour (the maximum value of toads detected per person-hour), the present population size of Kihansi spray toad in the Kihansi gorge is estimated at 589 toads.

KST captive breeding assurance population in the US - The most recent communication from the Toledo and Bronx zoos indicate that the captive population of KST in the Toledo zoo and the Bronx zoo is approximately 5000. The next transfer of KST to Tanzania will be in December, 2015.



Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	● Moderate	● Moderate
Macroeconomic	--	● Moderate	● Moderate
Sector Strategies and Policies	--	● Moderate	● Moderate
Technical Design of Project or Program	--	● Moderate	● Moderate
Institutional Capacity for Implementation and Sustainability	--	● Substantial	● Substantial
Fiduciary	--	● Moderate	● Moderate
Environment and Social	--	● Moderate	● Moderate
Stakeholders	--	● Moderate	● Moderate
Other	--	● Substantial	● Substantial
Overall	--	● Moderate	● Moderate

Results

Global Environmental Objective Indicators

► Landscapes that incorporate biodiversity considerations as per IUCN classification criteria for protected areas are conserved.(Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5500.00
Date	24-Nov-2014	30-Mar-2015	30-Sep-2015	31-Dec-2018

Comments

Due to delayed disbursement for about 12 months after project effectiveness, data collection for baseline information has also been delayed. The project is currently undertaking an identification and mapping of critical ecosystem areas within the catchments. Findings from this exercise will contribute to the determination of baseline information for biodiversity hotspots and associated landscape areas to be protected.



▲ Operational guidelines for conducting environmental flow assessment and a sustainable financing plan for the Kihansi catchment are developed and mainstreamed. (Yes/No, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y

Overall Comments

Values have not changed from the last mission, however good progress has been made in terms of identification and mapping of critical biodiversity hotspots and water sources in the project area. The draft final report from the mapping exercise is expected by December, 31 2015. Draft Term of Reference for a consultancy on environmental flow assessment has been shared with the main stakeholder, Ministry of Water and Rufiji Bani Water Board for comments. It is anticipated that the Consultant for conducting environmental flow assessment will be procured by December 31, 2015.

Intermediate Results Indicators

▶ New areas outside protected areas managed as biodiversity-friendly (ha) (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4000.00
Date	24-Nov-2014	30-Mar-2015	18-Sep-2015	31-Dec-2018

Comments

Survey and mapping work is currently going on in Kihansi catchment as part of the first steps to identify and prepare management plans for new areas outside protected areas.

▶ Direct project beneficiaries (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3000.00
Date	24-Nov-2014	30-Mar-2015	30-Mar-2015	31-Dec-2018

Comments

Implementation of activities at community level so far have focused on awareness and training as part of the preparations of project implementers and beneficiaries. The total number of trained women farmers so far is 20, which is about 40% on the all trained farmers and extension officer from eight villages.



▾ Female beneficiaries (Percentage, Core Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3000.00

▸ Global Environmental issues mainstreamed into Integrated Water Resource Development and Management Planning framework for Rufiji Basin (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	--
Date	24-Nov-2014	--	28-Sep-2015	31-Dec-2018

▸ Sustainable financing plan developed and options for implementation agreed (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	--
Date	24-Nov-2014	--	28-Sep-2015	31-Dec-2018

▸ Factors limiting survival of the reintroduced KST and the new coffee and butterfly species are identified and controlled. (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	--
Date	24-Nov-2014	--	28-Sep-2015	31-Dec-2018



► Integrated Pest Management Plan in the Kihansi catchment developed and adopted. (Yes/No, Custom)


	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	--
Date	24-Nov-2014	--	28-Sep-2015	31-Dec-2018

Overall Comments

According to the results framework in the PAD, no change from the baselines is expected in the first two years of project implementation. However, progress is being made as described under the individual indicator comments.

Data on Financial Performance

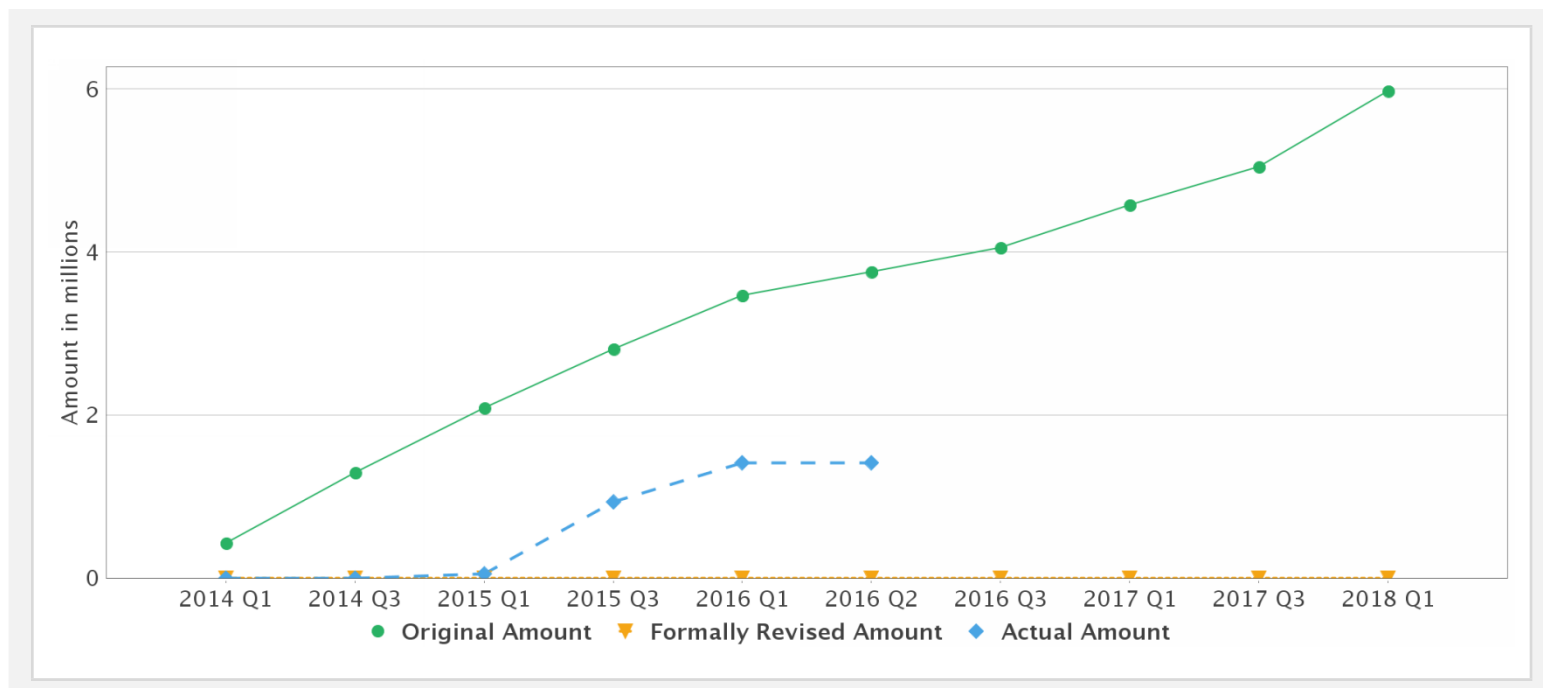
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P126361	TF-15774	Effective	USD	5.98	5.98	0.00	1.42	4.56	 24%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P126361	TF-15774	Effective	02-Dec-2013	02-Dec-2013	02-Dec-2013	31-Dec-2018	31-Dec-2018

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.