



Irrigation Development and Support Project (P102459)

AFRICA | Zambia | Agriculture Global Practice |
IBRD/IDA | Investment Project Financing | FY 2011 | Seq No: 14 | ARCHIVED on 26-Apr-2018 | ISR31747 |

Implementing Agencies: Ministry of Agriculture and Livestock, Ministry of Finance, Ministry of Agriculture

Key Dates

Key Project Dates

Bank Approval Date:07-Apr-2011

Effectiveness Date:11-Nov-2011

Planned Mid Term Review Date:10-Nov-2015

Actual Mid-Term Review Date:01-Feb-2016

Original Closing Date:15-Dec-2018

Revised Closing Date:15-Dec-2018

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to increase yields per hectare and volume of products marketed by smallholders benefitting from investments in irrigation in selected sites served by the project.

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

No

Components

Name

Irrigated Agricultural Support Services:(Cost \$18.30 M)

Public Infrastructure:(Cost \$66.96 M)

Private and Cooperative Investment:(Cost \$20.40 M)

Management and Coordination:(Cost \$9.34 M)

Overall Ratings

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



Implementation Status and Key Decisions

The project implementation has improved. There is evidence of improved implementation with progress made on almost all components and the disbursement rate stands at 56.52% as improvement of nearly 10 percentage points from last mission. However, despite good progress, there is still legacy of issues that have impacted the project implementation since its inception. The PDO is not likely to be achieved in its current form due to several reasons including: (i) preparation of feasibility studies and scheme design took longer than expected; (ii) community mobilization and land consolidation has been more demanding than anticipated; (iii) contract cost for public works is considerably higher than initial estimates; (v) the bidding process for irrigation scheme management was unsuccessful; and (vi) an exchange loss is incurred in the amount of US\$ 6.1 million due to SDR depreciation.

At the request of Government of Zambia, this mission focused on the restructuring of the project to support improvement in implementation progress. The restructuring will include: (i) revision of PDO to refocus the project from irrigation and agricultural production/marketing towards infrastructure (provision of bulk water infrastructure and establishment of irrigation schemes) and institutional development (CLTs, WUAs, CPPPs); (ii) reduce components from 4 to 3 and sub-components from 12 to 10; (iii) revisiting the bidding process for operation of the schemes and farming of the land; (iv) reallocation between components to cover cost-overrun and exchange loss; and (v) extend project closing date by three years.

Risks

Systematic Operations Risk-rating Tool

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

Results

Project Development Objective Indicators

► Value of diverse agricultural products marketed (K/year) in target sites (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	195.00



Date	15-Mar-2011	30-Nov-2016	30-Nov-2016	15-Dec-2018
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► Yields of major irrigated crops in the target sites (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	54.40	0.00	0.00	60.30
Date	31-Mar-2011	30-Nov-2016	30-Nov-2016	15-Dec-2018

▲ Wheat yield (t/ha) (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2.40	0.00	0.00	5.30
Date	31-Mar-2011	30-Nov-2016	30-Nov-2016	15-Dec-2018

▲ Banana yield (t/ha) (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	14.00	0.00	0.00	32.00
Date	31-Mar-2011	30-Nov-2016	30-Nov-2016	15-Dec-2018

▲ Tomato yield (t/ha) (Number, Custom Breakdown)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.00	0.00	0.00	11.00
Date	31-Mar-2011	30-Nov-2016	30-Nov-2016	15-Dec-2018

▲ Onions yield (t/ha) (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	12.00	0.00	0.00	12.00
Date	15-Mar-2011	30-Nov-2016	30-Nov-2016	15-Dec-2018

▲ Wheat yield (t/ha) (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2.40	0.00	0.00	5.30

Overall Comments

Intermediate Results Indicators

▶ Updated National Irrigation Plan and Irrigation Strategy submitted for approval (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Irrigation Policy and Strategy 2004	Draft available	Draft available	Policy and Strategy reviewed
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	15-Dec-2018



► Number of IFR and progress reports delivered on time (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	8.00	8.00	100.00
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	15-Dec-2018

► Gross margin from agricultural and livestock production Tiers 1 to 3 (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.50	0.00	0.00	7.00
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	15-Dec-2018

► Roads rehabilitated, Rural (Kilometers, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	115.00	115.00	200.00
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	15-Dec-2018

► Number of water users provided with irrigation and drainage services (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	215.00	0.00	0.00	14,000.00
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	15-Dec-2018



► Proportion of grant recipients that have successfully implemented their proposals (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5.00	5.00	80.00
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	15-Dec-2018

▲ Volume of finance provided to farmers (disaggregated by gender) (Amount(USD), Custom Supplement)

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

► Area provided with new irrigation and drainage services (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,187.00	1,187.00	10,000.00
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	15-Dec-2018

► Area covered (by prefeasibility studies and feasibility studies) [Ha] (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2,700.00	26,347.00	26,347.00	45,000.00
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	15-Dec-2018



▲ Area covered by prefeasibility studies (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2,700.00	16,295.00	16,295.00	25,000.00
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	15-Dec-2018

▲ Area covered by feasibility studies (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10,352.00	10,352.00	20,000.00
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	15-Dec-2018

▶ Direct project beneficiaries (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	7,225.00	1,233.00	1,233.00	70,000.00
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	15-Dec-2018

▲ Female beneficiaries (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	591.00	591.00	30,000.00



► Technologies demonstrated by the project in the command areas (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	9.00	0.00	0.00	16.00
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	31-Dec-2018


► Volume of Bank Support: Enabling Environment - SME (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,473,684.00
Date	15-Mar-2011	10-Feb-2017	10-Feb-2017	15-Dec-2018

Overall Comments

Data on Financial Performance

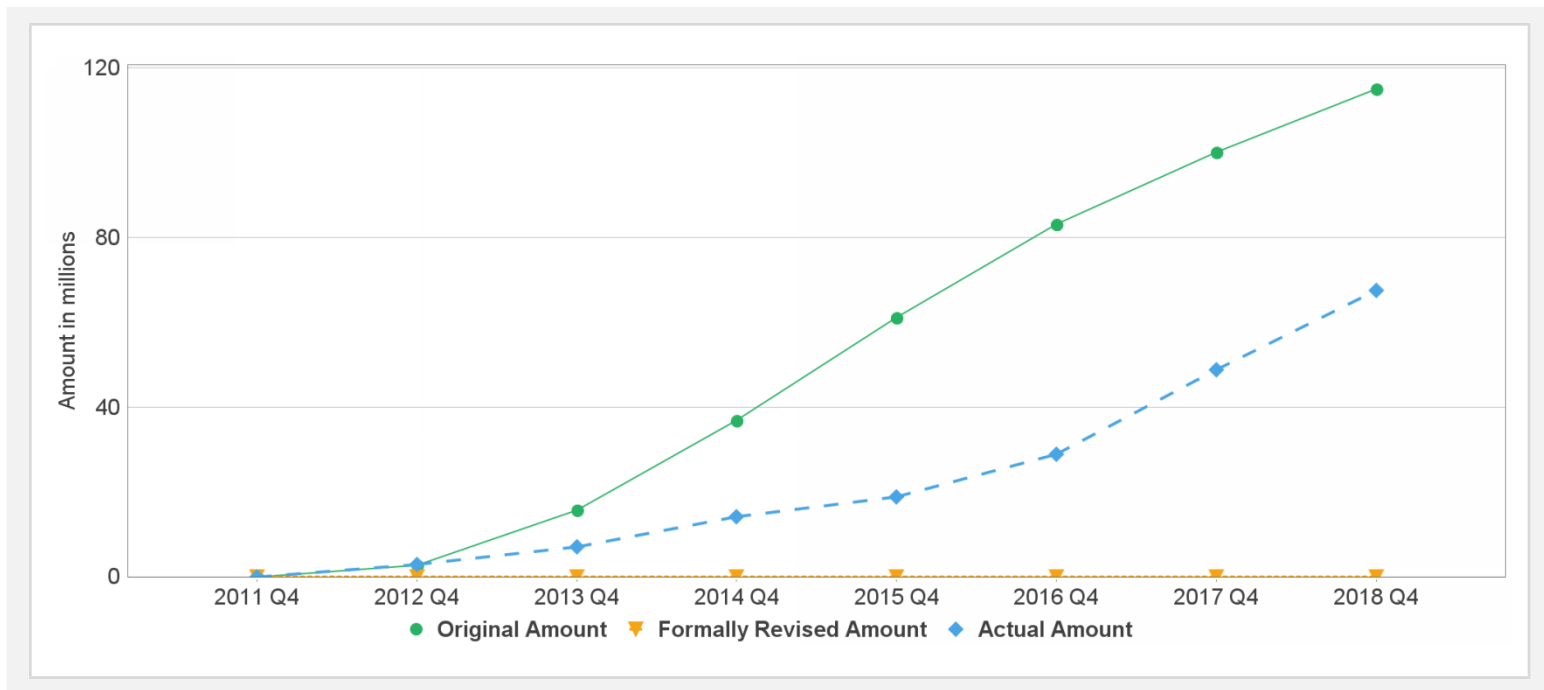
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P102459	IDA-48740	Effective	USD	115.00	115.00	0.00	67.41	40.37	 63%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P102459	IDA-48740	Effective	07-Apr-2011	23-May-2011	11-Nov-2011	15-Dec-2018	15-Dec-2018

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.