



Mali-Fostering Agricultural Productivity (P095091)

AFRICA | Mali | Agriculture Global Practice |
IBRD/IDA | Investment Project Financing | FY 2010 | Seq No: 17 | ARCHIVED on 22-Jan-2019 | ISR35046 |

Implementing Agencies: IFAD, EUROPEAN UNION, United Nations Development Program - UNDP, Ministry of Agriculture

Key Dates

Key Project Dates

Bank Approval Date: 03-Jun-2010

Effectiveness Date: 19-Jun-2010

Planned Mid Term Review Date: 20-Jan-2014

Actual Mid-Term Review Date: 03-Nov-2014

Original Closing Date: 30-Sep-2016

Revised Closing Date: 31-Jul-2019

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to increase the productivity of smallholder agricultural and agribusiness producers in the targeted production systems and project areas.

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

No

Components

Name

TECHNOLOGY TRANSFER AND SERVICE PROVISION TO AGRICULTURAL PRODUCERS:(Cost \$31.60 M)

IRRIGATION INFRASTRUCTURE:(Cost \$44.20 M)

COMPREHENSIVE PROGRAMMATIC APPROACH, SECTOR MONITORING AND PROJECT COORDINATION:(Cost \$18.30 M)

Overall Ratings

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

Implementation Status and Key Decisions

Successful outcomes have achieved in the IDA-Financing activities. As an example rice yields achieved in the developed perimeters have been impressive and unprecedented: 7.53 MT in 2016-2017, 6.7.00MT in 2017-2018 crop seasons, which are equal the target indicator (6.7 MT/ha) and the average yield usually obtained in the Office of Niger (6 MT/ha). The same pattern has also been experienced with cowpea whose yields (800 kg/ha currently in 2016-2017 and 732 kg/ha) have constantly improved and have outpaced the end target (700kg/ha).



The development of 500 hectares of irrigated land and the construction of the drain to consolidate the gains in the Office of Niger by the project are now being implemented 2018 following the signature of the contract on August 20, 2018. During the implementation support mission, a detailed planning of the activities were discussed with the selected irrigation which confirm that no delay will be experienced. It was noting that the selected enterprise participated in the development of 2,200 hectares with no delay in Sabalibougou in 2015.

There have been improvements in GEF financing activities as well. Currently, the percentage of producers that have adopted SLWM practices which is 70 percent of the target and the increase in areas under SLWM techniques in project production basins which is currently 73 percent of the target due to an action plan put in place to increase micro-projects and conventions signed with the technical Directorate of the Ministries in charge of Agriculture, Environment and Livestock and Service providers. With the implementation of project activities and based on the engagement, the disbursement rate is expected to reach 75 percent by December 2018 and will reach 100% at project closing date.

Overall, the number of beneficiaries now stands at 81 % of the end target of which 37.2% are women. With the implementation of the upcoming activities (500 ha of developed irrigated land and associated GEF micro-projects), it is expected that the number of 300,000 of beneficiaries of which 40 % of women will be achieved before the project closing.

As a result of these achievements the team has upgraded the Project Development Objective Moderately Satisfactory,





Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes


Component 1 - TECHNOLOGY TRANSFER AND SERVICE PROVISION TO AGRICULTURAL PRODUCERS
► Increase of milk production per milking cow (l/d) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.50	2.55	2.55	2.71
Date	03-Jun-2010	10-Oct-2018	26-Nov-2018	31-Jul-2019

► Cowpea yield increase in project areas (Kg/hectare) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	250.00	732.00	732.00	700.00
Date	30-Jun-2013	10-Oct-2018	26-Nov-2018	31-Jul-2019

Component 2 - IRRIGATION INFRASTRUCTURES
► Yield increase of Rice production in targeted areas - Bas-fonds (Low-Land) (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.50	2.26	2.26	2.70
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019

Comments:

Correction has been made in this indicator. During the crop seasons 2016 and 2017, the yields reached 2,26 and 2.54 t/ha, far above the baseline of 1.5 t/ha. the yield of 2017 represented 94% of the target. However the yield plummeted to 2 t/ha in 2018 crop season due the poor raining season. The average yield during these past 3 year is 2.26 t/ha reported instead 2.00/ha. With a promising better weather condition this crop season it is expected that by the end of the project 90-95% of the target will be achieved.

► Rice yield increase on Large scale irrigation perimeters supported by the Project at the Office of Niger - (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	6.00	6.70	6.70	6.70
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019

Comments:

The indicator reached in this crop season has slightly decreased from 7 to 6.7 MT/ha but equal to the end target. With a better weather condition the indicator will be outpaced as it has been these past two crop seasons.

► Rice yield increase on small scale irrigation perimeters supported by the project at the village level (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	4.00	6.34	6.34	6.00
Date	30-Jun-2013	10-Oct-2018	30-Nov-2018	31-Jul-2019



Comments:

The indicator of 6.34 MT/ha has outpaced the target due to a better adoption of agriculture practices by the farmers who are generally women.

Component 3 - COMPREHENSIVE PROGRAMMATIC APPROACH, SECTOR MONITORING AND PROJECT COORDINATION
►Direct project beneficiaries (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	241,079.00	241,079.00	300,000.00
Date	30-Jun-2013	10-Oct-2018	27-Nov-2018	31-Jul-2019

Comments:

This core indicator has increased at a rate of 10% during this crop season due to the intensity of activities being developed in the small irrigation financed by IFAD. It is current about 81 % of the target. However, it is expected that the target will be reached with the development of 500 ha of irrigated land and associated GEF micro-projects.

▲Female beneficiaries (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	90,679.00	116,110.00	40.00

GLOBAL ENVIRONMENT INDICATORS
►Producers that have adopted SLWM practices (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5.00	35.00	35.00	60.00
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019

Comments:

This indicator has reached 60 percent of the target due to the delay of implementing the GEF micro-projects associated with the irrigated land development. With additional 1000 ha of small scale irrigated land developed and the up-coming 500 ha of large scale irrigated land development, this indicator will improve and reached about 90 percent before project closure.

►Increase in areas under SLWM techniques in project production basins (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5.00	20.00	20.00	25.00
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019

Comments:

This indicator has been reached at 80 percent. With the additional 1000 ha of small scale irrigated land developed and the up-coming 500 ha of large scale irrigated land development, this indicator will improve and reach 100 percent before project closure

Intermediate Results Indicators by Components


TECHNOLOGY TRANSFER AND SERVICE PROVISION TO AGRICULTURAL PRODUCERS
►Share of producers that have adopted new cowpea varieties in the target production basins (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	45.00	45.00	50.00
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019
Comments:	The target has been out paced and is reflected in the substantive achievement of the yield			

►PO's subprojects that have achieved their objectives as stated in the request (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	75.00	75.00	80.00
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019
Comments:	The indicator represents 93 % of the target. The target will be achieved at the closing date.			

►Dairy producers that have adopted improved husbandry practice (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5.00	30.00	30.00	50.00
Date	03-Jun-2010	30-Nov-2017	30-Nov-2017	31-Jul-2019
Comments:	60% of the target indicator has been achieved due to the delay to proceed with the artificial insemination and subsequent failure. It is expected that due to intensive training of herders, 80-90% of the target will be achieved			

►PO's sub-projects that are cofinanced by a bank or MFI credit (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	75.00
Date	03-Jun-2010	30-Nov-2017	30-Nov-2017	31-Jul-2019

IRRIGATION INFRASTRUCTURE
►Producers that have adopted the system of rice intensification (ON + PIV) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	20.00	20.00	30.00
Date	03-Jun-2010	30-Nov-2017	30-Nov-2017	31-Jul-2019

►Total irrigated area developed (Hectare(Ha), Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5,709.00	5,709.00	6,400.00
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019
Comments:	90% of the total targeted areas of irrigated land (small, large scale and Village level) has been achieved. With the remaining 500 ha which will be developed by March 2019, the target of 6,400 ha will be fully achieved which is a major achievement in the irrigation sector in Mali.			
▲Office du Niger (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,200.00	2,200.00	2,700.00
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019
▲Small Horticultural Perimeter (Petit Perimetre Maraichers) (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	144.00	144.00	140.00
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019
▲Low Land (Bas-fonds) development (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,802.00	2,802.00	2,500.00
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019
▲Small Village Perimeter (Petit Perimetre Villageois-PIV) (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	563.00	563.00	1,000.00
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019
▶Producers benefiting from newly or improved irrigated land - Individuals (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,800.00	3,800.00	5,400.00
Date	03-Jun-2010	19-Mar-2018	19-Mar-2018	31-Jul-2019
▲Office du Niger (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	725.00	725.00	540.00
Date	03-Jun-2010	19-Mar-2018	19-Mar-2018	31-Jul-2019
▲PIV + Bas- fonds + PPM (Number, Custom Breakdown)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,740.00	1,740.00	3,640.00
Date	03-Jun-2010	19-Mar-2018	19-Mar-2018	31-Jul-2019
► Targeted areas with improved drainage (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6,125.00
Date	30-Jun-2010	19-Mar-2018	19-Mar-2018	31-Jul-2019

COMPREHENSIVE PROGRAMMATIC APPROACH, SECTOR MONITORING AND PROJECT COORDINATION
► Regular production of reliable statistical data and sector analysis - rural households monitored (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	610.00	1,750.00	1,750.00	1,800.00
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019
Comments:	The indicator has reached 97% of the target which will be achieved by the closing date of the project.			

► Regular production of reliable statistical data and sector analysis - Rice yield and production assessment (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	03-Jun-2010	10-Oct-2018	30-Nov-2018	31-Jul-2019

Data on Financial Performance
Disbursements (by loan)

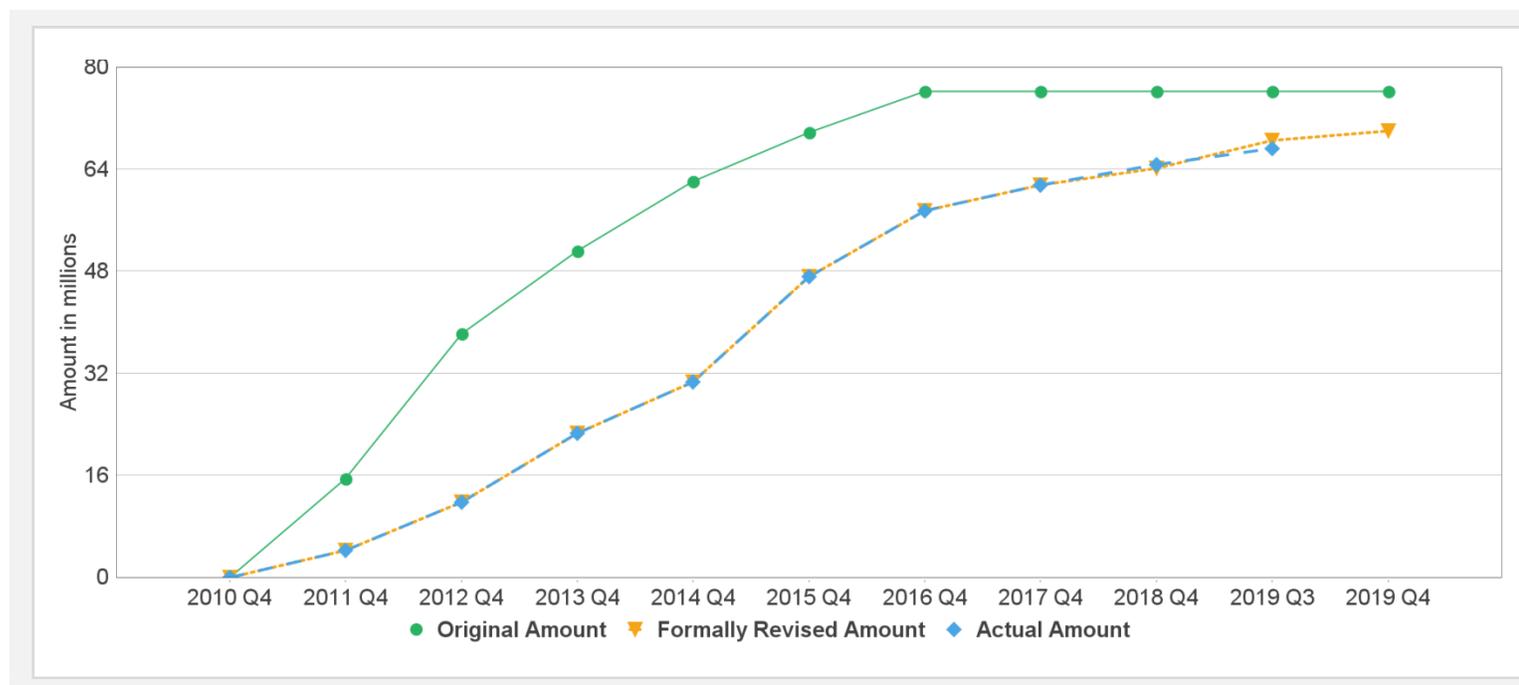
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P095091	IDA-47510	Effective	USD	70.00	70.00	0.00	60.99	6.70	90%
P095091	TF-97175	Closed	USD	19.04	2.06	16.99	2.11	0.00	100%
P099709	TF-97183	Effective	USD	6.20	6.20	0.00	4.07	2.13	66%

Key Dates (by loan)



Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P095091	IDA-47510	Effective	03-Jun-2010	19-Jun-2010	17-Dec-2010	30-Sep-2016	31-Jul-2019
P095091	TF-97175	Closed	19-Jun-2010	19-Jun-2010	19-Jun-2010	31-Dec-2011	30-Apr-2012
P099709	TF-97183	Effective	19-Jun-2010	19-Jun-2010	19-Jun-2010	30-Sep-2016	31-Jul-2019

Cumulative Disbursements



Restructuring History

Level 1 Approved on 17-Jun-2013 ,Level 2 Approved on 29-Jan-2016 ,Level 2 Approved on 14-Jun-2018

Related Project(s)

P099709-Mali Sustainable Land Management