

**Implementation Status & Results
Madagascar
Irrigation and Watershed Management Project (P074086)**

Operation Name: Irrigation and Watershed Management Project (P074086)	Project Stage: Implementation	Seq.No: 12	Status: ARCHIVED	Archive Date: 11-Jun-2012
Country: Madagascar	Approval FY: 2007			
Product Line: IBRD/IDA	Region: AFRICA	Lending Instrument: Adaptable Program Loan		
Implementing Agency(ies): Ministry of Agriculture, Livestock and Fisheries				

Key Dates

Board Approval Date	14-Nov-2006	Original Closing Date	01-Mar-2011	Planned Mid Term Review Date	19-Sep-2011	Last Archived ISR Date	07-Oct-2011
Effectiveness Date	30-Apr-2007	Revised Closing Date	31-Dec-2012	Actual Mid Term Review Date	19-Sep-2011		

Project Development Objectives

Irrigation and Watershed Management Project (P074086)

Project Development Objective (from Project Appraisal Document)

To establish the basis for viable irrigated agriculture and natural resources management in four main irrigation sites and their surrounding watersheds: (i) Andapa (Sava Region), (ii) Marovoay (Boeny Region), (iii) Itasy Region, and (iv) Lac Alaotra (Alaotra Mangoro Region).

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

- Yes No

Irrigation & Watershed Management Project - GEF (P088887)

Global Environmental Objective (from Project Appraisal Document)

The global environmental objective of the project is to improve the environmental sustainability of land management practices in four targeted watersheds.

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

- Yes No

Component(s)

Component Name	Component Cost
Development of Commercial Agriculture	7.45
Irrigation Development	15.67
Watershed Development	1.82
Program Management	3.45
PPF	1.61

Overall Ratings

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

Implementation Status Overview

A Mid Term Review (MTR) was carried out from September 19 - October 7, 2011. During the MTR mission, the World Bank team confirmed the continuing relevance of the Project Development Objective, the technical components, and the project implementation arrangements. The Project has made good progress in implementing the action plan designed to accelerate activities whose implementation lagged during the prolonged disbursement freeze. The disbursement rate has not increased as much as expected, however. A new action plan was discussed and agreed with the PIU to speed up implementation of activities. It was agreed that Strategic Partners with international expertise will be asked to recruit additional staff to accelerate the implementation of the three technical project components. The GEF grant agreement was signed on December 30, 2012, and the grant became effective in January 2012. In parallel to the MTR, an identification mission was conducted to prepare a parallel-funded CARD-PHRD operation in the amount of US\$ 12.6 million. A joint implementation support mission for BVPI IDA and GEF / preparation mission for BVPI CARD-PHRD was conducted from April 2-13, 2012 to follow-up the recommendations that emerged from the MTR and pre-appraise the CARD-PHRD operation.

Locations

Country	First Administrative Division	Location	Planned	Actual
Madagascar	Not Entered	Marovoay		
Madagascar	Boeny	Mahajanga		
Madagascar	Not Entered	Farihy Itasy		
Not Entered	Not Entered	Not Entered		
Not Entered	Not Entered	Not Entered		
Madagascar	Not Entered	Tahiry Nanaharin' Ankarafantsika		
Madagascar	Not Entered	Andapa		
Madagascar	Not Entered	Farihy Alaotra		
Madagascar	Not Entered	Marojejy National Park		

Results

Project Development Objective Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Area provided with irrigation and drainage services (ha)	<input type="checkbox"/>	Hectare(Ha)	Value	0.00	1716.00	10010.00
			Date	02-Oct-2006	03-Feb-2011	
			Comments	10/02/2006	02/03/2011	10010.00
Direct project beneficiaries	<input checked="" type="checkbox"/>	Number	Value	0.00	2920.00	13360.00
			Date	02-Oct-2006	03-Feb-2011	31-Oct-2012
			Comments	10/02/2006	02/03/2011	10/31/2012
Female beneficiaries	<input checked="" type="checkbox"/>	Percentage Sub Type Supplemental	Value	0.00	20.00	20.00
Area cultivated during the dry season in the targeted irrigation schemes (ha)	<input type="checkbox"/>	Hectare(Ha)	Value	1120.00	1120.00	3000.00
			Date	02-Oct-2006	03-Feb-2011	31-Oct-2012
			Comments			
Area cultivated during the dry season in the targeted irrigation schemes (%)	<input type="checkbox"/>	Percentage Sub Type Supplemental	Value			19.00
Area cultivated with improved technologies and/ or inputs provided through the sub-projects (ha)	<input type="checkbox"/>	Hectare(Ha)	Value	0.00	1842.00	
			Date	02-Oct-2006		
			Comments			

Global Environmental Objective Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Area under sustainable land management in the targeted project intervention areas (ha)	<input type="checkbox"/>	Hectare(Ha)	Value	0.00	0.00	5100.00
			Date	02-Oct-2006	03-Feb-2011	31-Oct-2012
			Comments			

Intermediate Results Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Sub-projects financed and executed (number)	<input type="checkbox"/>	Number	Value	0.00	141.00	1554.00
			Date		03-Feb-2011	
			Comments			
Guichet fonciers operational (number)	<input type="checkbox"/>	Number	Value	0.00	1.00	5.00
			Date		03-Feb-2011	
			Comments			

Anti-erosion measures implemented (number)	<input type="checkbox"/>	Number	Value	0.00	0.00	118.00
			Date		03-Feb-2011	
			Comments			
Beneficiaries adopting SLM (number)	<input type="checkbox"/>	Number	Value	0.00	0.00	2300.00
			Date	02-Oct-2006		
			Comments			
O&M cost coverage by collected fees in irrigation schemes (%)	<input type="checkbox"/>	Percentage	Value	0.00	79.00	100.00
			Date			
			Comments			
Operational water user associations (number)	<input type="checkbox"/>	Number	Value	0.00	51.00	65.00
			Date	02-Oct-2006	03-Feb-2011	31-Oct-2012
			Comments	10/02/2006		
Water users provided with irrigation and drainage services (number)	<input type="checkbox"/>	Number	Value	0.00	2134.00	10149.00
			Date	02-Oct-2006	03-Feb-2011	31-Oct-2012
			Comments	10/02/2006		
Farmers adopting new production technologies (number)	<input type="checkbox"/>	Number	Value	0.00	1099.00	14810.00
			Date	02-Oct-2006		31-Oct-2012
			Comments			
Agro-ecological	<input type="checkbox"/>	Number Sub Type Breakdown	Value	0.00	158.00	1170.00
			Date	02-Oct-2006		31-Oct-2012
			Comments			
Intensification	<input type="checkbox"/>	Number Sub Type Breakdown	Value	0.00	941.00	13640.00
			Date	02-Oct-2006	03-Feb-2011	31-Oct-2012
			Comments			

Data on Financial Performance (as of 23-Apr-2012)

Financial Agreement(s) Key Dates

Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P074086	IDA-42440	Effective	14-Nov-2006	22-Nov-2006	30-Apr-2007	01-Mar-2011	31-Dec-2012

Disbursements (in Millions)

Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P074086	IDA-42440	Effective	USD	30.00	30.00	0.00	16.06	15.22	54.00

Disbursement Graph

Key Decisions Regarding Implementation

1. The GEF grant agreement was signed on December 30, 2012. Following the signing of the GEF grant agreement, the IDA credit needs to be restructured a second time to take into account the additional resources of US\$ 5.9 M. The proposed restructuring will bring the following changes: (i) extension of the Project closing date ; (ii) adjustment of the Results Framework; and (iii) reallocation of the credit proceeds.

2. Following the pre appraisal mission to prepare the CARD-PHRD operation, the Bank team agreed with the Malagasy counterparts and with JICA that the proposed operation will work in three sites (Lac Alaotra, Itasy, and Marovoay) out of the four sites in which the IDA/GEF project operates. The CARD-PHRD operation will however work on different irrigation schemes within these three sites. The mission also confirmed the PDO, Project costs in the amount of US\$12.6 million, the Project components and activities, and institutional arrangements. It was agreed that a new component focused on research activities will be prepared in addition to the three technical components already being supported under the IDA/GEF operation.

Restructuring History

There has been no restructuring to date.

Related Projects

P088887-Irrigation & Watershed Management Project - GEF, P128831-Madagascar-Irrigation and Watershed Management Project - PHRD