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Implementation Status & Results
Rwanda
Rw: Sustainable Energy Development Project (GEF) (P097818)

Operation Name: Rw: Sustainable Energy Development Project (GEF) (P097818) | Project Stage: Implementation | Seq.No: 8 | Status: ARCHIVED | Archive Date: 11-Feb-2014

Country: Rwanda | Approval FY: 2010

Product Line: Global Environment Project | Region: AFRICA | Lending Instrument: Specific Investment Loan

Implementing Agency(ies): Rwanda Energy,Water and Sanitation Authority (EWSA), Ministry of Infrastructure

Key Dates

Board Approval Date	15-Oct-2009	Original Closing Date	31-Jan-2014	Planned Mid Term Review Date	09-Jul-2012	Last Archived ISR Date	07-Jul-2013
Effectiveness Date	09-Jun-2010	Revised Closing Date	31-Jan-2014	Actual Mid Term Review Date	16-Jul-2012		

Global Environmental Objectives

Global Environmental Objective (from Project Appraisal Document)

The overall goal of the project is to strengthen and consolidate the Rwandan Renewable Energy market. The PDO for SEDP is: 1. Improve policy and institutional framework of the Renewable Energy and Energy efficiency sub-sectors 2. Increase Private sector Participation in the Renewable Energy Sector

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

○ Yes ◉ No

Component(s)

Component Name	Component Cost
Policy, Strategy and Management	3.50
Biomass	1.40
Micro-Hydro	1.20
Solar Energy	1.55
Energy Efficiency	0.65

Overall Ratings

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

Implementation Status Overview

1. The project implementation progress is overall rated Satisfactory as most of the Project Key results indicators have been achieved. The projects commitments and disbursements

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as of September 2013 are US$7.0 and US$5.24 equivalent to about 84.0% and 63.0% respectively of the total grants (of which AFREA TF has disbursed 78.7% and GEF about 50%).

Locations

Country	First Administrative Division	Location	Planned	Actual
Rwanda	Southern Province	Kivu		

Results

Global Environmental Objective Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Renewable Energy and Energy Effiency strategy study adopted by MinInfra	☐	Yes/No	Value	No	Yes	Yes
			Date	02-Dec-2009	30-Sep-2013	31-Jan-2014
			Comments		Study Adopted. Report presented to sector stakeholders July17, 2012.	Achieved.
Micro-Hydro Feed-in and Bulk-purchase tariffs agreed with RECO and approved by RURA	☐	Yes/No	Value	No	Yes	Yes
			Date	02-Dec-2009	30-Sep-2013	31-Jan-2014
			Comments		Achieved. Adopted February 2012	Achieved.
Solar PV Dealers with field presence in at least one province outside Kigali offering sales and maintenance services	☐	Number	Value	0.00	4.00	4.00
			Date	09-Dec-2009	30-Sep-2013	31-Jan-2014
			Comments		Achieved. The PV Solar Market assesment conducted during the project indicates that there are distribution outlets in most of the major towns outside Kigali. The actual number firms to be confirmed by a survey before the project close.	Achieved.
Increase in number of staff employed in RE firms	☐	Number	Value	0.00	110.00	75.00
			Date	01-Dec-2009	30-Sep-2013	31-Jan-2014
			Comments		60 trained in RE entrepreneurship and 50 involved in the installation of SWHs. End target based on the preliminary information has been superseded.	

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Intermediate Results Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
M&E framework for all RE activities in place	☐	Yes/No	Value	No	Yes	Yes
			Date	02-Dec-2009	30-Sep-2013	31-Jan-2014
			Comments		M&E indicators regularly updated.	End Target met.
% of households using improved stoves in the Kigali area	☐	Percentage	Value	40.00	47.00	70.00
			Date	02-Dec-2009	30-Sep-2013	31-Jan-2014
			Comments		Based on the April 2012 survey results. Follow up survey to be conducted at end of December 2013 before project closure.	
Business Plans for public micro-hydro under implementation.	☐	Number	Value	0.00	13.00	16.00
			Date	02-Dec-2009	30-Sep-2013	31-Jan-2014
			Comments		A detailed audit which reviewed the operational performance of 11 grid-connected small hydropower plants and two hydropower plants connected to isolated grids with recommendation for improved operations was concluded March 2013.	
Installation and user guidelines for Solar PVs in public institutions approved.	☐	Yes/No	Value	No	Yes	Yes
			Date	02-Dec-2009	30-Sep-2013	31-Jan-2014
			Comments		Guidelines prepared and presented to beneficiary institutions in July 2013.	Achieved.
Approved investment plan based on the national grid energy audit	☐	Yes/No	Value	No	Yes	Yes
			Date	02-Dec-2009	30-Sep-2013	31-Jan-2014
			Comments		Grid audit completed March 2013. Investment Plan prepared and endorsed by the Energy Sector Working Group on November 19, 2013.	Achieved.

Data on Financial Performance (as of 14-Jan-2014)

Financial Agreement(s) Key Dates

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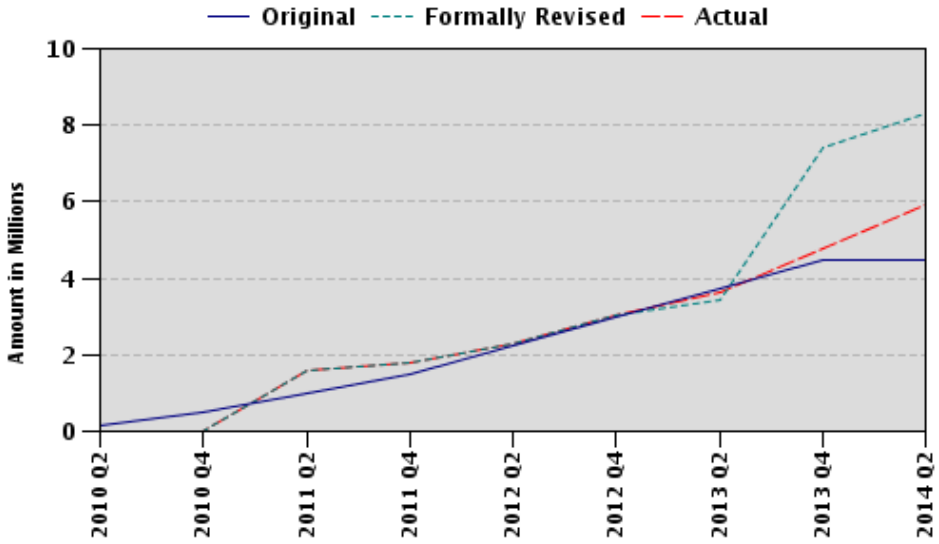
Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P097818	TF-14767	Effective	24-Jun-2013	24-Jun-2013	13-Oct-2013	31-Aug-2014	31-Aug-2014
P097818	TF-94928	Effective	08-Feb-2010	08-Feb-2010	09-Jun-2010	31-Jan-2014	31-Jan-2014
P097818	TF-95444	Closed	08-Feb-2010	08-Feb-2010	09-Jun-2010	31-Dec-2010	31-Dec-2013
P097818	TF-99863	Effective	17-Sep-2012	17-Sep-2012	17-Sep-2012	31-Aug-2014	31-Aug-2014

Disbursements (in Millions)

Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P097818	TF-14767	Effective	USD	3.50	3.50	0.00	0.00	3.50	0.00
P097818	TF-94928	Effective	USD	4.50	4.50	0.00	2.45	2.05	55.00
P097818	TF-95444	Closed	USD	3.80	3.80	0.00	3.45	0.35	91.00
P097818	TF-99863	Effective	USD	3.50	0.00	3.50	0.00	0.00	91.00

Disbursement Graph



Key Decisions Regarding Implementation

The project has been key in strengthening and consolidating the Renewable Energy Market in Rwanda by supporting several activities related to the Energy Policy, Strategy and Management which have enabled the sector (MININFRA and the EWSA) to take informed decisions as related to policy actions, investments promotion and private sector engagement. As a result of the project supported activities and policy actions adopted by GoR; a number of private firms are participating in the Rwanda Renewable energy market among which are: (i) development of several micro-hydro sites (4.5MW under construction, whereas additional sites totaling about 5MW are at various stages of feasibility and financial close); (ii) ten (10) firms are participating in the SolarRwanda program (installation of Solar Water heaters) and, at September 2013, had installed about 355 systems;

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equivalent to about 1,200 m2, translating into an annual energy saving of about 240 MWh; and (iii) several SMEs involved in renewable energy business are undergoing an incubator program.

Restructuring History

Level two Approved on 31-Dec-2010

Related Projects

There are no related projects.

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