

Implementation Status & Results

Yemen, Republic of

RY-Biogas Digesters: An Integrated Solution for Poverty Alleviation and Climate Change Mitigation in Yemen (P119160)

Operation Name: RY-Biogas Digesters: An Integrated Solution for Poverty Alleviation and Climate Change Mitigation in Yemen (P119160) Project Stage: Implementation Seq.No: 2 Status: ARCHIVED Archive Date: 19-Mar-2013

Product Line: Recipient Executed Activities Country: Yemen, Republic of Approval FY: 2012
 Implementing Agency(ies): Region: MIDDLE EAST AND NORTH AFRICA Lending Instrument: Specific Investment Loan

Key Dates

Board Approval Date	23-Apr-2012	Original Closing Date	12-May-2016	Planned Mid Term Review Date	12-May-2014	Last Archived ISR Date	13-Jun-2012
Effectiveness Date	08-Jun-2012	Revised Closing Date	12-May-2016	Actual Mid Term Review Date			

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

To improve the energy access of rural poor communities through the piloting of biogas digesters.

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

Yes No

Component(s)

Component Name	Component Cost
Component 1: Stakeholders consultation, awareness-raising and engagement in rural biogas digester development	0.30
Component 2: Targeted capacity building for establishment of biodigesters	0.69
Component 3: Piloting biogas digesters in selected rural villages	1.02
Component 4: Policy level and private sector engagement for scaling up of biogas digesters, and Project management	0.45

Overall Ratings

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

Implementation Status Overview

This ISR update is based on the results of the first supervision mission conducted in Sana'a in October 2012, and follow up through exchange of updated documents. The grant was approved by the Japanese Social Development Fund (JSDF) on April 5, 2011. But because of the socio-political events of 2011, the signing of the corresponding financing agreement only took place on April 23, 2012, and the grant became effective on June 8, 2012. Shortly thereafter, further startup delays were caused by the need to redefine new implementation responsibilities and arrangements for the project following from the closing on June 30, 2012 of the Groundwater and Soil Conservation Project (GSCP) and its Project Coordination Unit (PCU) which has been originally responsible for implementing the Biogas Digester Project as well. Now that the details of the new implementation arrangements have been agreed upon to transfer this responsibility of the existing Project Support Unit (PSU) of the Ministry of Agriculture and Irrigation (MAI) in charge of the Rainfed Agriculture and Livestock Project (RALP), actual implementation of activities of the Biogas Digester grant is being initiated in earnest, and an acceleration in the pace of implementation is expected in the coming few months.

Locations

Country	First Administrative Division	Location	Planned	Actual
Yemen	Muhafazat Ta`izz	Muhafazat Ta`izz	✓	
Yemen	Muhafazat San`a'	Sanaa	✓	
Yemen	Muhafazat al Mahwit	Muhafazat al Mahwit	✓	
Yemen	Muhafazat Ibb	Muhafazat Ibb	✓	

Results

Project Development Objective Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Number of Workshops/Consultations	<input type="checkbox"/>	Number	Value	0.00	0.00	8.00
			Date	01-May-2011	20-Oct-2012	30-Jun-2012
			Comments		Implementation at a very incipient stage due to start up delays because of country conditions and need to redefine new implementation arrangements	Workshop/Consultation: 2 national, 2 governorate, 4 community (incl. private sector) - 280 participants (70 per session)
Awareness and capacity on biogas have been increased among communities	<input type="checkbox"/>	Number	Value	0.00	0.00	250.00
			Date	01-Oct-2009	20-Oct-2012	31-May-2014
			Comments	Almost no knowledge and information on rural biogas in rural areas.	Implementation at a very incipient stage due to start up delays because of country conditions and need to redefine new implementation arrangements	Around 250 women/youth in the villages have participated in biogas training and 50 households are volunteer/engaged to participate in the biogas pilot

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Reduction in households' gas expenses by 60-80%	<input type="checkbox"/>	Number	Value	0.00	0.00	120.00
			Date	01-Oct-2009	20-Oct-2012	31-May-2014
			Comments	Households spend 4000 rials (US\$20) per month as cooking gas in addition to fuel wood.	Implementation at a very incipient stage due to start up delays because of country conditions and need to redefine new implementation arrangements	120 households using biodigesters reduce 60-80% of their expenses for cooking gas.
Women from the 120 households using biodigesters reduce 80% of thier wood collection time.	<input type="checkbox"/>	Percentage	Value	0.00	0.00	80.00
			Date	01-Oct-2009	20-Oct-2012	31-May-2014
			Comments	Women spend 6-8 hours per day collecting wood.	Implementation at a very incipient stage due to start up delays because of country conditions and need to redefine new implementation arrangements	Women from the 120 households using biodigesters reduce the time spent on wood collection by 80%
Increased Government support to scale-up biogas.	<input type="checkbox"/>	Number	Value	2.00	0.00	50.00
			Date	01-Oct-2009	20-Oct-2012	31-May-2014
			Comments	Few officials in the policy making ministries have very limited knowledge on biogas.	Implementation at a very incipient stage due to start up delays because of country conditions and need to redefine new implementation arrangements	50 officials from the key line ministries participated in JSDF project training, the benefits of biogas to rural poor and its linkage with CDM have been better understood. Packages on biogas available.
Private sector engagement in biogas digesters mobilized.	<input type="checkbox"/>	Number	Value	0.00	0.00	3.00
			Date	01-Oct-2009	20-Oct-2012	31-May-2014
			Comments	No systemic engagement of the private sector.	Implementation at a very incipient stage due to start up delays because of country conditions and need to redefine new implementation arrangements	At least 3 private entrepreneurs engaged in development of locally suited biogas digesters.

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Intermediate Results Indicators

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Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Number of Workshops/Consultations	<input type="checkbox"/>	Number	Value	0.00	0.00	8.00
			Date	01-May-2011	20-Oct-2012	30-Jun-2012
			Comments		Implementation at a very incipient stage due to start up delays because of country conditions and need to redefine new implementation arrangements	Workshop/consultation: 2 national, 2 governorate, 4 community (incl. private sector) - 280 participants (70 per session)
Number of people trained	<input type="checkbox"/>	Number	Value	0.00	0.00	1700.00
			Date	01-May-2011	20-Oct-2012	30-Jun-2013
			Comments		Implementation at a very incipient stage due to start up delays because of country conditions and need to redefine new implementation arrangements	Training workshops for 1700 people on how to design, operate, manage and maintain the biogas systems through target groups (women/youth/business), practical demonstration/ systematic training.
Number of Biogas Digesters Installed	<input type="checkbox"/>	Number	Value	0.00	0.00	120.00
			Date	01-May-2011	20-Oct-2012	31-May-2014
			Comments		Implementation at a very incipient stage due to start up delays because of country conditions and need to redefine new implementation arrangements	A total of 120 Biogas Digesters installed and under operation in selected households in two pilot villages, with regular operation and maintenance
Number of Dissemination Sessions	<input type="checkbox"/>	Number	Value	0.00	0.00	2.00
			Date	01-May-2011	20-Oct-2012	31-May-2014
			Comments		Implementation at a very incipient stage due to start up delays because of country conditions and need to redefine new implementation arrangements	Dissemination sessions for 120 persons (60 per session)

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Data on Financial Performance (as of 22-Jan-2013)

Financial Agreement(s) Key Dates

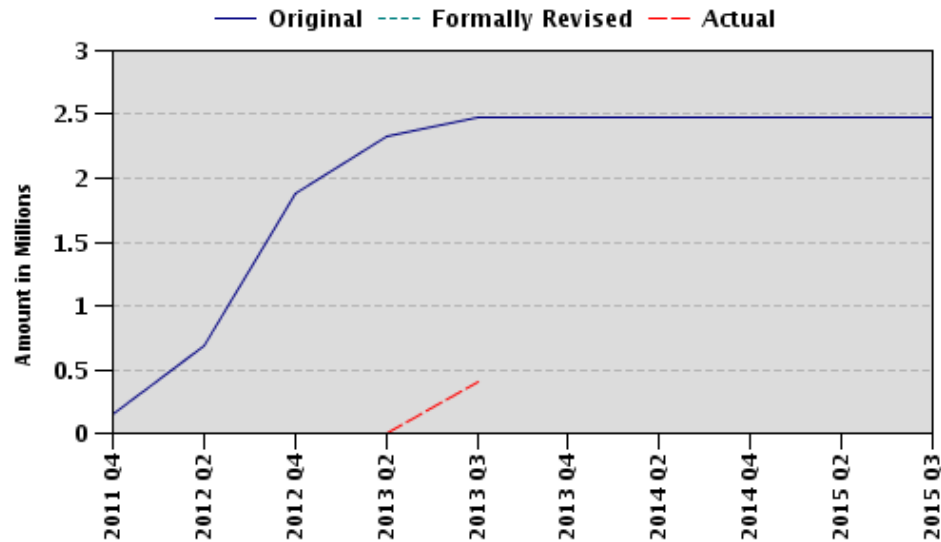
Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
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Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P119160	TF-99469	Effective	23-Apr-2012	12-May-2012	08-Jun-2012	12-May-2016	12-May-2016

Disbursements (in Millions)

Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P119160	TF-99469	Effective	USD	2.48	2.48	0.00	0.40	2.08	16.00

Disbursement Graph



Key Decisions Regarding Implementation

The formalization of this new implementation arrangement will require an amendment to the grant agreement. Nevertheless, completing the process of this amendment is not preventing the MAI-PSU to move forward with project implementation.

Restructuring History

There has been no restructuring to date.

Related Projects

There are no related projects.