



Ecuador - Sustainable Family Farming Modernization Project (P151963)

LATIN AMERICA AND CARIBBEAN | Ecuador | Agriculture and Food Global Practice |
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 13 | ARCHIVED on 23-Dec-2021 | ISR49383 |

Implementing Agencies: REPUBLIC OF ECUADOR, Ministry of Agriculture and Livestock

Key Dates

Key Project Dates

Bank Approval Date: 15-Jul-2015

Effectiveness Date: 16-Dec-2015

Planned Mid Term Review Date: 01-Oct-2018

Actual Mid-Term Review Date: 01-Oct-2018

Original Closing Date: 30-Jun-2021

Revised Closing Date: 31-Dec-2022

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to enhance incomes of small and medium sized farm households by supporting more productive and climate-smart use of land and water.

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

No

Components Table

Name

Component 1: Investments for climate-smart sub-projects:(Cost \$77.50 M)

Component 2: Capacity building for institutional stakeholders and beneficiaries' organizations:(Cost \$16.20 M)

Component 3: Project Management:(Cost \$15.50 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

Implementation Status and Key Decisions

This ISR is based on virtual implementation support provided on October 4-7, 2021 in the context of the COVID-19 emergency in Ecuador. The next (virtual or face-to-face) implementation support mission is planned for February 2022.

Overall project performance ratings are considered Moderately Satisfactory. Although the COVID-19 emergency posed a slowdown in the pace of implementation, the project is reporting progress in key indicators toward the closing date of December 31, 2022: 47.3 percent increase of annual net income on area benefited by the project (79 percent of the end target of 60 percent), while 4,938 water users are provided with new/improved irrigation and drainage services (55 percent of the end target), of which 2,013 are women (112 percent of the end target), and 4,356 ha are provided with irrigation and drainage services (42 percent of the end target). Moreover, 27 farmer organizations are implementing processes of value addition (135 percent of the end target).



Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Enhance incomes of small and medium sized farm households by supporting more productive and climate-				
▶ Water users provided with new/improved irrigation and drainage services (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4,052.00	4,938.00	9,000.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	30-Jun-2021
Comments:				
□ Water users provided with irrigation and drainage services - female (number) (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,713.00	2,013.00	1,800.00



Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	30-Jun-2021
► Increase of Annual Net Income on area benefited by project (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	500.00	788.00	737.00	800.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	30-Jun-2021
Comments:	<p>Calculated on the area benefited by the project, only for agricultural activities within the household, and in real terms. This indicator has not been modified with 2018 restructuring, but it has been clarified that the rate at which expected income increases (10%, 30% and 60%) will be expected according to the time elapsed after work reception (1, 2 and 3 years respectively after the date of the provisional work reception). The third round of data collection for Group 1, representing 279 beneficiary productive units, shows 47.3% of increase of net revenue 2 years after subproject's completion for Group. This result shows the positive impacts that the project has been having on the improvement of net income; however, this value is lower than what was reported before the pandemic, evidencing a deceleration in net income mainly due to the increase in the prices of agricultural inputs. This indicator will be monitored during the next mission.</p>			

Intermediate Results Indicators by Components

Component 1: Investments for climate-smart sub-projects				
► Area provided with irrigation and drainage services (ha) (Hectare(Ha), Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,722.00	4,493.22	10,500.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	31-Dec-2022
Comments:	<p>This indicator measures the total area of land provided with irrigation and drainage services under the project, including in (i) the area provided with new irrigation and drainage services, and (ii) the area provided with improved irrigation and drainage services, expressed in hectare (ha). The 39 subprojects that have a Provisional Reception Certificate have been considered. Up to September 2021, 4,493.22 hectares have been provided with irrigation and drainage services, of which: 857.90 correspond to Group 1; 2,417.59 correspond to Group 2; 878.53 correspond to Group 3; and 339.20 correspond to Group 4.</p>			
□ Area provided with irrigation and drainage services - New (ha) (Hectare(Ha), Corporate Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	92.55	136.83	200.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	31-Dec-2022
□ Area provided with irrigation and drainage services - Improved (ha) (Hectare(Ha), Corporate Breakdown)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,629.82	4,356.39	10,300.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	31-Dec-2022

Component 2: Capacity building for institutional stakeholders and beneficiaries' organizations

► Clients who have adopted an improved agr. technology promoted by the project (Number, Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	950.00	4,840.00	2,700.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	31-Dec-2022

Comments: This indicator measures the number of clients of the project who have adopted an improved agricultural technology promoted by the project. The total number of beneficiaries in which PCATS have been completed is considered, corresponding to 395 beneficiaries of the 10 subprojects of Group 1; 3,336 beneficiaries of Group 2; 685 beneficiaries of Group 3; 352 beneficiaries of Group 4; and 72 beneficiaries of the Voluntad de Dios subproject.

□ Clients who adopted an improved agr. technology promoted by project – female (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	402.00	1,955.00	540.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	31-Dec-2022

► Increase of Land use intensity (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	8.80	21.60	15.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	31-Dec-2022

Comments: Ratio of: Cultivated area divided by Total arable land (in %). Could be more than 100% if double cropping. This result shows the positive impacts that the project has been having on land use intensity in terms of productive diversification and a greater number of productive seasons.

► Sub-projects with post-project community engagement or O&M arrangements (%) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	18.00	42.86	90.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	31-Dec-2022

Comments: This indicator is likely to be most relevant for CDD-type projects and measures the existence of specific arrangements created under the project to ensure ownership by project beneficiaries. No changes of target with the 2018 restructuring. The target is 57 subprojects (90% out of a total of 63 subprojects). 27 Subprojects (42.86% out of a total of 63 subprojects) have a Definitive Delivery Receipt and Irrigation Infrastructure Transfer Certificate in which the completion of the intervention in contracting and



construction is recorded, with the aim of formally, materially and definitively transferring the work to the producer organizations, particularly considering the commitments of the beneficiaries for the adequate operation and maintenance of the infrastructure delivered.				
<input type="checkbox"/> Sub-projects that are expected to have a mechanism for post-completion operation (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	18.00	18.00	57.00
<input checked="" type="checkbox"/> Operational water user associations created and/or strengthened (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	11.00	20.00	63.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	31-Dec-2022
Comments:	<p>This indicator measures the number of water user associations created and/or strengthened under the project that are operational. Before the 2018 restructuring, the target was 88 organizations. 10 of the 11 subprojects of Group 1 (the exception being Voluntad de Dios subproject) and 10 subprojects of Group 2, which continue to function as an organization, irrigate at least 75% of the established area, 75% of the members remain, the organization assumes the operating costs, for at least 2 years.</p>			
<input checked="" type="checkbox"/> Number of beneficiaries' organizations that received support from another MAG's or GAD's Project or Program (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	48.00	50.00	50.00
Date	02-Mar-2015	29-Jun-2021	17-Dec-2021	31-Dec-2022
Comments:	<p>This indicator aims at measuring the cooperation and coordination of Project and Program. Before the 2018 restructuring, the target was 74 organizations. There are a total of 50 records of the Irrigation Subprojects Evaluation and Coordination Committee - CECS, corresponding to: 11 from group 1, 14 from group 2, 12 from group 3, 11 from group 4 and 2 from group 5.</p>			
<input checked="" type="checkbox"/> Client days of training provided (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	37,722.00	43,172.00	45,000.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	31-Dec-2022
Comments:	<p>This indicator measures the number of client days of training provided i.e. the number of clients who completed training multiplied by the duration of training expressed in days. Before the 2018 restructuring, the target was 63,000 client-days. Corresponds to the progress of the training carried out and in execution of 27 subprojects that have PCATS executed and in execution + the commissioning executed and in execution, obtaining a total of 43,172 days - training user and 17,860 days - training user - Women , considering the advance of the PCAT's.</p>			



□ Client days of training provided - Female (number) (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	11,812.00	17,860.00	9,000.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	31-Dec-2022
▶ Number of organizations implementing proces of value addition (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	11.00	27.00	20.00
Date	28-Dec-2018	29-Jun-2021	17-Dec-2021	31-Dec-2022
Comments:	New indicator included after the 2018 restructuring. Under Component 2, 27 subprojects are now receiving benefits of process of added value downstream the Value Chain (packaging, creation of brand, etc).			
▶ Percentage of beneficiaries who attended at least 70% of the training on business management for organizations (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	91.64	92.60	80.00
Date	28-Dec-2018	29-Jun-2021	17-Dec-2021	31-Dec-2022
Comments:	New indicator introduced after the 2018 restructuring.			

Component 3: Project Management				
▶ Number of training days provided to MAG's or GAD's staff (Days, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,203.00	1,540.00	1,920.00
Date	03-Feb-2015	29-Jun-2021	17-Dec-2021	31-Dec-2022
Comments:	A total of 20 internal and external training processes are registered, which allow measuring the number of training days provided, accumulating a total of 1,540 days - training technicians.			

Performance-Based Conditions

Data on Financial Performance

Disbursements (by loan)

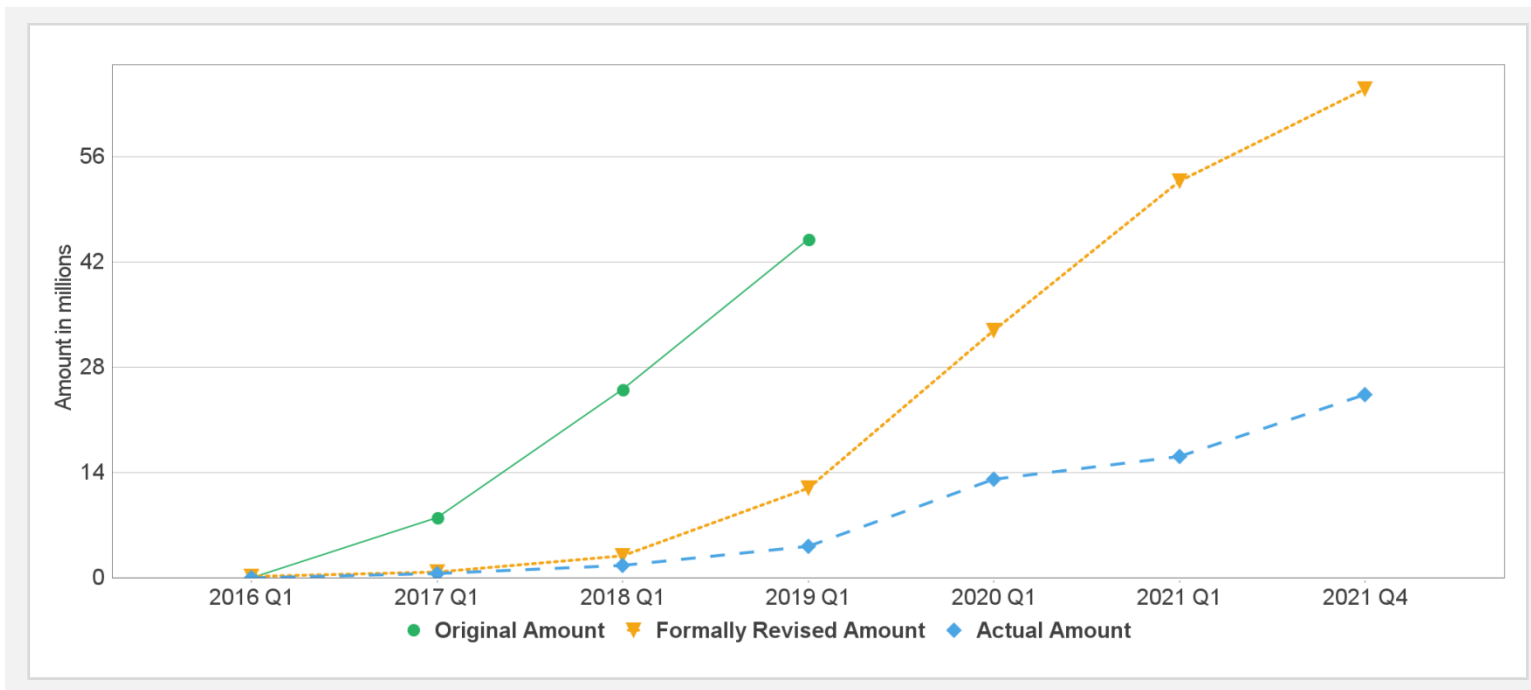


Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P151963	IBRD-85150	Effective	USD	80.00	65.00	15.00	24.32	40.68	37%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P151963	IBRD-85150	Effective	15-Jul-2015	09-Oct-2015	16-Dec-2015	30-Jun-2021	31-Dec-2022

Cumulative Disbursements



PBC Disbursement

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC
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Restructuring History

Level 2 Approved on 14-Dec-2018 ,Level 2 Approved on 16-Mar-2020 ,Level 2 Approved on 01-Mar-2021 ,Level 2 Approved on 25-Nov-2021

Related Project(s)



There are no related projects.
