



Sustainable Management of Natural Resources and Climate Change (P124181)

LATIN AMERICA AND CARIBBEAN | Uruguay | Agriculture and Food Global Practice |
IBRD/IDA | Investment Project Financing | FY 2012 | Seq No: 17 | ARCHIVED on 26-Jun-2020 | ISR42176 |

Implementing Agencies: Ministry of Livestock, Agriculture and Fisheries (MGAP), Ministry of Livestock, Agriculture and Fisheries (MGAP),
ORIENTAL REPUBLIC OF URUGUAY

Key Dates**Key Project Dates**

Bank Approval Date: 17-Nov-2011

Effectiveness Date: 24-Feb-2012

Planned Mid Term Review Date: 15-Apr-2014

Actual Mid-Term Review Date: 10-Nov-2014

Original Closing Date: 01-Mar-2017

Revised Closing Date: 16-Nov-2021

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The development objective of the project is to support Uruguay's efforts to promote farmer adoption of improved environmentally sustainable agricultural and livestock practices that are climate smart.

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

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

The development objective of the project is to support Uruguay's efforts to promote farmer adoption of climate smart agricultural and livestock practices, and improved natural resource management practices in project areas.

Components Table

Name

Agricultural Information and Decision Support System:(Cost \$10.10 M)
Territorial Interventions and On Farm Investments for Climate Smart Agriculture and Livestock
Management:(Cost \$56.40 M)
Capacity Building and Training:(Cost \$14.10 M)
Project Management, Monitoring and Evaluation:(Cost \$10.40 M)
Contingencies

Overall Ratings

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

Implementation Status and Key Decisions

This ISR is based on an implementation support mission that took place virtually during May 2020.



The Project is making overall good progress towards its implementation targets and is being implemented well. In December 2019 the original project closed, and the Additional Financing (AF) will continue implementation until November 2021. The project is making steady progress towards the targets set forward by the AF.

Some of the key results of the project are:

- a) To date, the project has supported 5,139 farmers (75% of the target) to adopt new technologies to make their farms more climate smart, including irrigation systems, improved effluent management, improved use of water and shade for cattle, among others.
 - b) The project has trained over 7,867 people in the projects objectives, including 5,774 men and 2,094 women.
 - c) The project has introduced new and/or improved sustainable landscape management practices onto over 2.5M ha of land in Uruguay, or 14 percent of the total land area of Uruguay.
 - d) The Climate Information Decision Support System or SNIA for its Spanish acronym is functioning and helping to support decisions in the public sector. To date it has supported 12 important public-sector decisions. It has also created 34 interoperable instruments within the SNIA system. To date it has seen a total of over 85,000 uses, with steadily increasing usage.
 - e) The project has supported the instillation and/or rehabilitation of approximately 1,700 ha of irrigation.
- The Project continues to be in compliance with its fiduciary and safeguards obligations.
The next World Bank implementation support mission is planned for November, 2020.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Macroeconomic	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Sector Strategies and Policies	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial
Technical Design of Project or Program	--	<input type="checkbox"/> Low	<input type="checkbox"/> Low
Institutional Capacity for Implementation and Sustainability	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Fiduciary	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Environment and Social	--	<input type="checkbox"/> Low	<input type="checkbox"/> Low
Stakeholders	--	<input type="checkbox"/> Low	<input type="checkbox"/> Low
Other	--	<input type="checkbox"/> Low	<input type="checkbox"/> Substantial
Overall	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial

Results

PDO Indicators by Objectives / Outcomes

Promote farmer adoption of climate smart agriculture and livestock practices

► Number of people trained in project objectives (Number, Custom)

Baseline

Actual (Previous)

Actual (Current)

End Target



Value	0.00	7,640.00	7,868.00	8,000.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
Comments:	To date this indicator is 86% achieved.			
<input type="checkbox"/> Number of people trained in project objectives - Female (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,001.00	2,094.00	2,000.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
<input type="checkbox"/> Number of people trained in project objectives - Male (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5,639.00	5,774.00	6,000.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
► Farmers adopting improved agricultural technology (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5,139.00	5,139.00	7,000.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
Comments:	The indicator evaluates if at least one good agricultural practice transferred during technical assistance is being adopted by the farmer. To date this indicator is 73.4% achieved.			
<input type="checkbox"/> Farmers adopting improved agricultural technology - Female (Number, Corporate Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,130.00	1,130.00	1,400.00
<input type="checkbox"/> Farmers adopting improved agricultural technology - male (Number, Corporate Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4,009.00	4,009.00	5,600.00
► Data products generated by the interoperability of IDSS/SNIA and made available to users (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	27.00	34.00	30.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
Comments:	To date this target is 90% achieved			



Promote improved natural resource management practices in project areas				
► Climate Change Adaptive Capacity Index (%) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.36	0.38	0.30
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
Comments:	This indicator was constructed by the project to evaluate how sub-projects promoted under the DACC were affecting the ability of farmers to adapt to climate change. It is constructed of over 40 individual measurements, including availability of water, reconstruction of natural forests, the use of green fertilizers, among many others. The actual calculation looks at the number of actions, the combination of different actions and uses the number of sub-projects as a denominator. The full 6 page definition of the indicator will be attached as an annex to the next AM.			
► Land area under sustainable landscape management practices (Hectare(Ha), Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,509,874.00	2,537,263.00	3,600,000.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
Comments:	The measurement of the indicator has been adjusted to reflect changes based mainly on the adjustments and integration of new area under Land Use and Management Plans. The indicator was calculated maintaining a unique traceability of the farms and producers, avoiding duplicating or tripling areas or individuals that participate in more than one Project Component..			

Intermediate Results Indicators by Components

Agricultural Information and Decision Support System				
► Number of IDSS / SNIA Users (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	70,000.00	85,000.00	150,000.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
Comments:	The definition of this indicator and associated target were revised in the December 2018 restructuring. This indicator now measures the number of times the system is accessed and the new target is 150,000. To date the project has achieved 46% of the target			
► Decisions made by the public sector based on information from the IDSS (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	9.00	12.00	8.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
Comments:	Number of government Policies, Norms, and/or Acts which utilize the IDSS and/or its related products for obtaining relevant information in development and/or execution. At the time of the preparation of the AF, it was expected based on previous decision-making, that the major decisions would be roughly one per year, hence the target of 8. As of this ISR the target has been surpassed (112%), indicating that data from SNIA has been more mainstreamed in the public sector than what was projected.			

Territorial Interventions and on-farm investments for climate smart ag and livestock management				
► Climate-smart on-farm subprojects funded by project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,880.00	2,880.00	4,000.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
Comments:	Financial support provided to family and medium-sized producers in accordance with the norms and procedures outlined in the project Operations Manual. Number revised to 2,880 based on new calculations by the UGP. With new information from the reporting body (DGDR) the UGP was able to take out some information that was being double counted. As such, the current value has decreased since the last report in April 2019, but with more accurate information.			
□ Climate smart on-farm subprojects with producer organizations funded by project (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	192.00	191.00	170.00
► Area provided with new/improved irrigation or drainage services (Hectare(Ha), Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	940.00	1,018.00	3,500.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
Comments:	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).			
□ Area provided with new irrigation or drainage services (Hectare(Ha), Corporate Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	620.00	698.00	2,450.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
□ Area provided with improved irrigation or drainage services (Hectare(Ha), Corporate Breakdown)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	320.00	320.00	1,050.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
► Soil-Use Management Plans for agricultural producers with more than 100 ha under cultivation monitored by RENARE and presented in digital format compatible with RENARE's information mng. syst. (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	96.00	96.00	96.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
Comments:	Cumulative % of total cultivated area in country where soil and water use plans have been submitted and registered with RENARE			
► Farmers benefitted with actions that contribute to reduce soil and water pollution in prioritized river basins (Santa Lucia, Laguna del Sauce, etc.) (percentage) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	35.00	35.00	40.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
Comments:	This number has been reduced from 38% to 35% since the last ISR. The difference is in the way that MGAP has updated its measurement of the prioritized area of Cuenca Santa. This indicator may continue to fluctuate based on the MGAP-informed denominator.			
► Activities (as actions) financed under subprojects promoting sustainable natural resources management (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	7,294.00	7,294.00	8,500.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021
Comments:	Financial support provided to producer organizations in accordance with the norms and procedures outlined in the project Operations Manual - This indicator measures the number of 'solutions' implemented by the project.			

Capacity Building and Training

► Area of country with cartographic updated (1:40,000) - % - (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	40.00	45.00	75.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021

► Monitoring of Soil Management Plan implementation - % of SMP audited - (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
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Value	0.00	37.00	44.00	40.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021

Project Management, Monitoring and Evaluation

► Grievances registered related to project benefits that are addressed (%) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	90.00
Date	17-Oct-2011	11-Nov-2019	20-May-2020	16-Nov-2021

Performance-Based Conditions

Data on Financial Performance

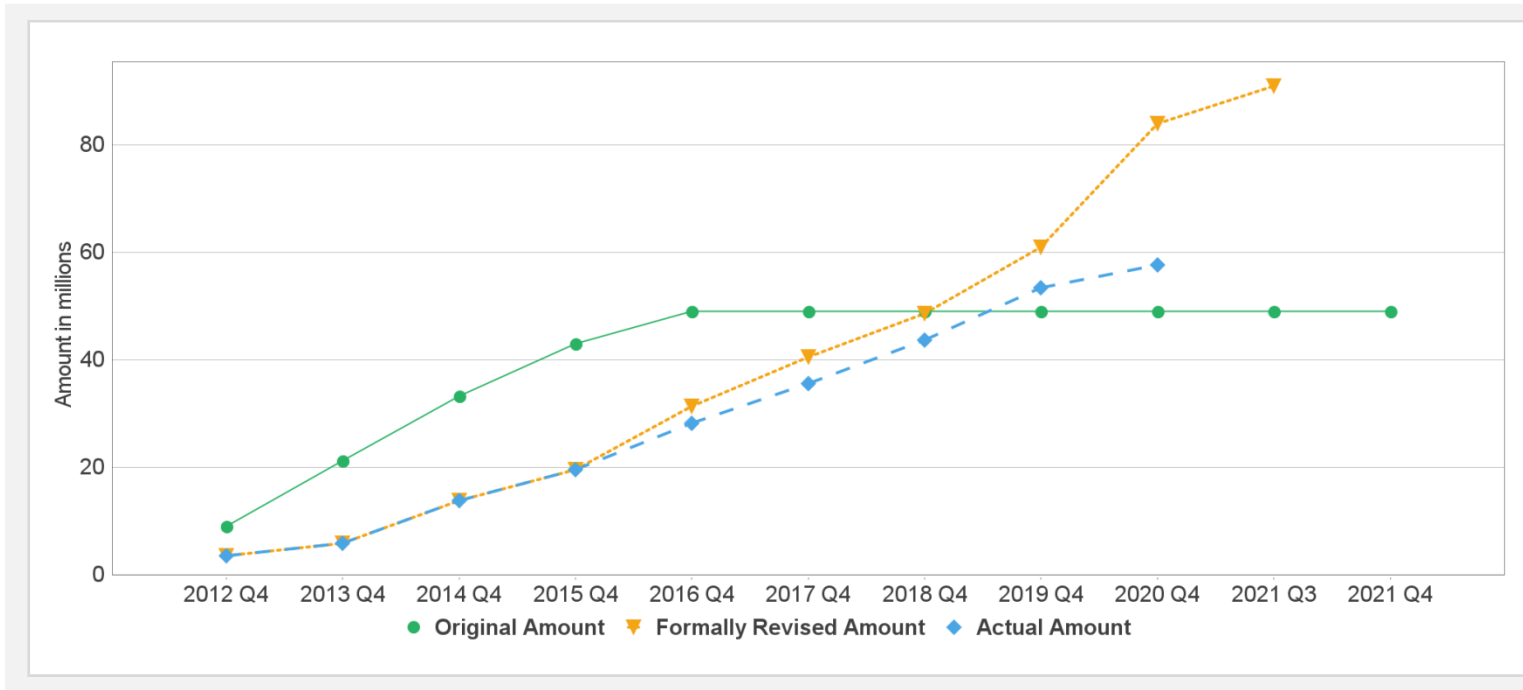
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P124181	IBRD-80990	Closed	USD	49.00	49.00	0.00	49.00	0.00	100%
P124181	IBRD-87940	Effective	USD	42.00	42.00	0.00	8.69	33.31	21%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P124181	IBRD-80990	Closed	17-Nov-2011	17-Jan-2012	24-Feb-2012	01-Mar-2017	31-Dec-2019
P124181	IBRD-87940	Effective	30-Nov-2017	08-May-2018	04-Sep-2018	16-Nov-2021	16-Nov-2021

Cumulative Disbursements



PBC Disbursement

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

Restructuring History

Level 1 Approved on 07-Aug-2014 ,Level 2 Approved on 30-Mar-2015 ,Level 2 Approved on 22-Aug-2016 ,Level 2 Approved on 18-Dec-2018

Related Project(s)

P163444-AF- Sustainable Management of Natural Resources and Climate Change