



Irrigation and Land Market Development Project (P133828)

EUROPE AND CENTRAL ASIA | Georgia | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 14 | ARCHIVED on 29-Jun-2021 | ISR45222 |

Implementing Agencies: Ministry of Environment Protection and Agriculture, Ministry of Justice, Public Debt Management Department, Ministry of Finance of Georgia, National Agency of Public Registry (NAPR)

Key Dates**Key Project Dates**

Bank Approval Date: 23-May-2014

Effectiveness Date: 13-Mar-2015

Planned Mid Term Review Date: 03-Jul-2017

Actual Mid-Term Review Date: 03-Aug-2017

Original Closing Date: 31-Jul-2019

Revised Closing Date: 30-Sep-2022

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to (i) improve delivery of irrigation and drainage services in selected areas and (ii) develop improved policies and procedures as a basis for a national program of land registration.

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 Project Development Objectives are to: (a) improve delivery of the irrigation and drainage services in selected areas; and (b) develop improved policies, procedures, and systems as a basis for a national land management program.

Components Table

Name

Component 1 Irrigation and Drainage Improvement:(Cost \$54.85 M)

Component 2 Land Market Development:(Cost \$12.56 M)

Component 3 Project Management:(Cost \$3.02 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"/> Moderate	<input type="checkbox"/> Moderate

Implementation Status and Key Decisions

As far as component 1 is concerned, the rehabilitation and modernization works on the other two schemes (Kvemo Samgori and Zeda Ru) are progressing well. The government's efforts, spearheaded by the national irrigation agency Georgian Amelioration (G.A.) to facilitate the establishment of Water Users Organizations (WUOs) in the target schemes have resumed after nearly a year without real interactions with the farmers due to COVID 19. Progress towards achievement of PDO for section (b) "develop improved policies, procedures, and systems as a basis



for a national land management program” is satisfactory as the choice to use an in-house approach for systematic land registration in priority areas and IT System upgrade agreed during the mission will offer control and flexibility to cope with COVID 19.



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"/> Low	<input type="checkbox"/> Low
Technical Design of Project or Program	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Institutional Capacity for Implementation and Sustainability	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Fiduciary	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Environment and Social	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Stakeholders	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate



Overall -- □ Moderate □ Moderate

Results

PDO Indicators by Objectives / Outcomes

To improve delivery of irrigation and drainage services in selected areas				
▶ Absolute volume of irrigation water supplied to Project-rehabilitated schemes (million m3 to Project schemes) (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	67 million m3	69.7 million m3	69.7 million m3	95 million m3
Date	23-May-2014	30-Sep-2020	30-Dec-2020	30-Sep-2022
Comments:	This indicator is expected to be revised as part of the planned project restructuring as currently the values are not only attributable to the project activities but also to external factors such as water scarcity and water allocation decisions (which can logically result in lower values). The supplemental indicator below is also expected to be revised through the planned project restructuring to measure changes in capacity of the secondary and tertiary canals to deliver water to farmers.			
□ Volume of irrigation water effectively supplied to the WUOs in bulk within the Project rehabilitated schemes (million m3) (Text, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0 million m3	0 million m3 (WUOs not yet established)	0 million m3 (WUOs not yet established)	66 million m3
▶ Area provided with irrigation and drainage services (ha) (Hectare(Ha), Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6,273.00	6,273.00	12,000.00
Date	23-May-2014	30-Sep-2020	30-Dec-2020	30-Sep-2022
□ Area provided with irrigation and drainage services - Improved (ha) (Hectare(Ha), Corporate Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4,713.00	4,713.00	15,700.00
Date	23-May-2014	30-Sep-2020	30-Dec-2020	30-Sep-2022
To develop improved policies, procedures and systems as a basis for national land management program				
▶ Preparation and implementation of policies, procedures for systematic land registration and NAPR IT system upgrade (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	The corpus of registration regulations and procedures in place	Recommended policies and procedures (legislative package) approved and entered in force since January 1 2020. National Agency for Sustainable Land Management and Land Use Monitoring is established under MEPA and started operations since January 1, 2020. NAPR received authorization to proceed with systematic registration in the irrigated areas in July 2020.	Recommended policies and procedures (legislative package) approved and entered in force since January 1 2020. National Agency for Sustainable Land Management and Land Use Monitoring is established under MEPA and started operations since January 1, 2020. NAPR received authorization to proceed with systematic registration in the irrigated areas in July 2020.	Prepared and implemented policies and procedures for systematic registration and upgraded NAPR IT system.
Date	23-May-2014	30-Sep-2020	22-Jun-2021	30-Sep-2022
Comments:	<p>Based on the land reform results, the analysis of the systematic land registration (SLR) process and data from 12 pilot areas, NAPR together with the Ministry of Justice, prepared a package of recommendations for legislative amendments, which became law from January 01, 2020. The amendments to the law strengthen and streamline SLR procedures. One of the major novelties of the law, which intends to significantly boost the speed of the systematic registration process is the transfer of property rights recognition authority from the Local Property Rights Recognition Commissions to the NAPR during the SLR process. The Parliament also authorized NAPR to proceed with implementation of amended SLR procedures in the irrigated areas within the project with an aim to complete the process by December 31 2021.</p> <p>In 2019 the Parliament of Georgia has adopted a revised land legislation- Law of Georgia on “target land designation and sustainable management of agricultural land”, initiating the resumption of the land inventory process ceased in 2004. According to the new law, the LEPL National Agency for Sustainable Land Management and Land Use Monitoring (LM Agency) is established under MEPA and started operations since January 1, 2020. The agency is responsible, inter alia: for inventory of agricultural land resources, production of land balance report, and creation of land information system. Currently LM Agency started preparation of the by-law entitled “Rules and Procedures for the Development of an Agricultural Land Resources Inventory and Annual Land Balance Report.” This by-law is expected to further improve land management and accounting practices in Georgia.</p>			

Intermediate Results Indicators by Components

Component 1 Irrigation and Drainage Improvement				
► Water users provided with new/improved irrigation and drainage services (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,307.00	2,307.00	6,400.00
Date	23-May-2014	30-Sep-2020	30-Dec-2020	30-Sep-2022
Comments:	<p>The reported number of water user represents only those with a formal delivery contract with GA. This number constitutes an estimated 28 percent of all water user provided with access to irrigation and drainage services in the project schemes. This indicator is expected to be revised to measure the number of landowners in command area as they all will have access to improve services as rehabilitation works progress in command area. This will be reflected in a future ISR.</p>			



<input type="checkbox"/> Water users provided with irrigation and drainage services - female (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	86.00	86.00	2,400.00
Date	23-May-2014	30-Sep-2020	30-Dec-2020	30-Sep-2022
▶ National irrigation and drainage strategy prepared and endorsed (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No strategy	The National Irrigation Strategy to 2025 was approved by the Minister of Agriculture	Strategy finalized and endorsed by government	Strategy finalized and endorsed by government
Date	23-May-2014	30-Sep-2020	30-Dec-2020	29-Sep-2017
▶ Service area locally managed by water user organizations (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	12,560.00
Date	31-Oct-2019	30-Sep-2020	30-Dec-2020	30-Sep-2022
Comments:	Water User Organizations have not yet been established.			
▶ Complaints received during the implementation of Component 1 activities and resolved (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00
Date	31-Oct-2019	30-Sep-2020	30-Dec-2020	30-Sep-2022
Comments:	Complaints were neither recorded nor reported.			
▶ Readiness of Reservoir Rehabilitation & Construction program (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Sample of 44 small and medium-sized reservoirs selected for pre- and feasibility assessment.	Total of 24 small and medium-sized reservoirs selected for pre- and feasibility assessment.	Study under procurement.	Reservoir Rehabilitation & Construction Program assessed and prioritized against multiple criteria.
Date	31-Oct-2019	30-Sep-2020	31-May-2021	30-Sep-2022
Comments:	The number of reservoirs was reduced from 44 to 25 based on client priorities. Reservoir Rehabilitation & Construction Program assessed and prioritized against multiple criteria. Currently under procurement.			



► Total number of beneficiaries, that benefit from new/improved irrigation services (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	7,705.00	7,705.00	7,705.00	21,400.00
Date	18-Nov-2019	30-Sep-2020	30-Dec-2020	30-Sep-2022

Component 2 Land Market Development				
► Number of land titles registered (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	50,600.00	94,666.00	96,618.00	178,000.00
Date	30-Sep-2020	30-Sep-2020	22-Jun-2021	30-Sep-2022
Comments:	<p>The indicator is currently partially achieved by 63.8% taking into account adjusted baseline and non-modified target value. The additional parcels come mostly from the recently added irrigation areas, though many newly surveyed parcels in the irrigation areas are still going through the registration process. Baseline information (Number of land titles registered) has been previously modified from 41 600 to 50 600, because project team observed that in the period from the inception of the Additional Financing preparation (September 2019) until the launch of the SLR in the Irrigated areas, approximately 15 000 new land plots were registered sporadically, independent from the project activities. Based on the Pilot Project findings, approximately 40% of the sporadically registered land plots will undergo some form of change during the SLR process, accordingly Project Staff decided to include only 60% of the original registered land plots in the Baseline, and increased the number by 9 000 land plots, which amounts to 50 600 land plots.</p>			
► Population with ownership rights recorded (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	19,000.00	29,346.00	68,000.00
Date	23-May-2014	30-Sep-2020	22-Jun-2021	30-Sep-2022
□ Female population with rights recorded (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	8,000.00	13,674.00	28,000.00
Date	23-May-2014	30-Sep-2020	22-Jun-2021	30-Sep-2022
► Complaints received as a result of the systematic registration process and resolved (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	99.94	99.94	99.94	99.95
Date	31-Oct-2019	30-Sep-2020	22-Jun-2021	30-Sep-2022
► IT System Design Completion (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	18-Nov-2019	30-Sep-2020	22-Jun-2021	30-Sep-2022
Comments:	The NAPR adopted agile approach using mostly in-house capacities. The Scrum master, Product owner designations are pending. The Business Analyst is about to be recruited to complement the team.			
► Target land area with use or ownership rights recorded as a result of the Project (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	55,360.00	80,045.00	180,000.00
Date	23-May-2014	30-Sep-2020	22-Jun-2021	30-Sep-2022
Comments:	NAPR adjusted their tools for calculation of the project areas covered by SLR activities. The PIU reported results using this new tool starting from April 2021.			

Performance-Based Conditions

Data on Financial Performance

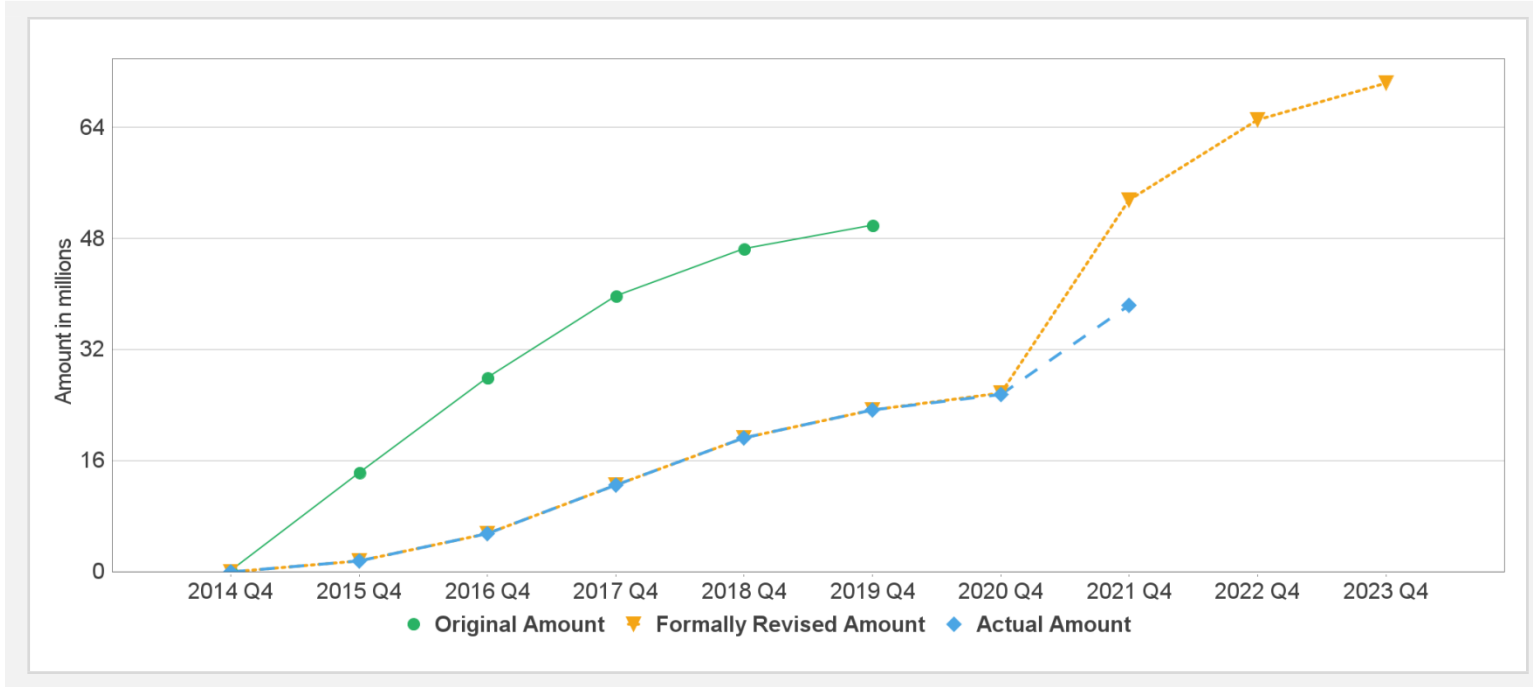
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P133828	IBRD-90430	Effective	USD	20.40	20.40	0.00	2.91	17.68	14%
P133828	IDA-54560	Effective	USD	50.00	50.00	0.00	35.53	10.13	78%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P133828	IBRD-90430	Effective	20-Feb-2020	30-Mar-2020	21-May-2020	30-Sep-2022	30-Sep-2022
P133828	IDA-54560	Effective	23-May-2014	21-Nov-2014	13-Mar-2015	31-Jul-2019	30-Sep-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 07-Jun-2018

Related Project(s)

P171796-Additional Financing for Irrigation and Land Market Development Project