



Irrigation and Land Market Development Project (P133828)

EUROPE AND CENTRAL ASIA | Georgia | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 16 | ARCHIVED on 29-Apr-2022 | ISR50315 |

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

The rehabilitation and modernization works on the Kvemo Samgori and Zeda Ru schemes are progressing well and farmers are gradually exposed to the new infrastructure. Training for operation of the modernized systems is under preparation.

All of the activities related to the scale up of Systematic Land Registration (SLR) (60% of targets achieved) and upgrade of the NAPR IT System are on track. The savings generated under component thanks to innovations introduced into the SLR process would enable further scale up of the SLR activities, providing support to the National Systematic Registration.



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"/> Moderate
Stakeholders	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Overall	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> 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	68 million m3	68 million m3	95 million m3
Date	23-May-2014	30-Sep-2021	01-Apr-2022	30-Sep-2022
Comments:	As indicated in the previous ISR, 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.			
<input type="checkbox"/> 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	7,467.00	7,467.00	12,000.00
Date	23-May-2014	30-Sep-2021	01-Apr-2022	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	5,883.00	5,883.00	15,700.00
Date	23-May-2014	30-Sep-2021	01-Apr-2022	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	In progress, the newly adopted policies (including responsibility of NAPR for the whole chain of the SLR process) and their implementation procedures (including fully digitalized SLR process currently ongoing using "Electronic Minutes" application) are currently being implemented in the irrigation areas. 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. IT System upgrade is in progress (IT infrastructure assessment report is completed, the Procurement for most of	In progress, the newly adopted policies (including responsibility of NAPR for the whole chain of the SLR process) and their implementation procedures (including fully digitalized SLR process currently ongoing using "Electronic Minutes" application) are currently being implemented in the irrigation areas under ILMDP since July 2020, and across the Country in the frame of the National Systematic Land Registration Program since January 2022 . The recommended policies and procedures (legislative package) approved and entered in force since January 1 2020. IT System upgrade is in progress (IT	Prepared and implemented policies and procedures for systematic registration and upgraded NAPR IT system.



		the IT infrastructure is ongoing, Business Analysis consultants started their activities, the “in-house” team participating in the system design and implementation underwent several trainings enabling them to conduct IT System upgrade in Agile way) . National Agency for Sustainable Land Management and Land Use Monitoring is established under MEPA and started operations since January 1, 2020.	infrastructure assessment report is completed, the Business Analysis Consultants continue their activities, the “in-house” team participating in the system design and implementation completed several trainings enabling them to conduct IT System upgrade in Agile way) . National Agency for Sustainable Land Management and Land Use Monitoring is established under MEPA and started operations since January 1, 2020.	
Date	23-May-2014	30-Sep-2021	01-Apr-2022	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, which now are being implemented nationwide as a part of the National Systematic Land Registration Program (NSLRP). 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 and now country wide. The survey works have been completed in the irrigation areas by December 31 2021. The fieldworks as part of the NSLRP started in January 2022 and are currently ongoing.</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	2,075.00	2,075.00	6,400.00
Date	23-May-2014	30-Sep-2021	01-Apr-2022	30-Sep-2022



Comments:	The reported number of water user in this ISR represents only those with a formal delivery contract with GA for 2021 irrigation season. This number constitutes an estimated 30 percent of all water user provided with access to irrigation and drainage services in the project schemes. The current value happens to be lower than the previous one due to the definition of the indicator. A farmer is counted if (s)he has signed an annual contract with GA. A farmer may decide not to sign a contract in season N even if (s)he has signed a contract in season N-1. For this reason, the indicator may go up or down. This is why it will be revised as part of the planned restructuring. The proposed revised indicator will 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.			
<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	09-Dec-2021	01-Apr-2022	30-Sep-2022
<input checked="" type="checkbox"/> National irrigation and drainage strategy prepared and endorsed (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No strategy	Irrigation Strategy finalized and endorsed by government. Draft National Drainage Strategy prepared.	National Irrigation strategy prepared and endorsed. National Drainage Strategy (Draft Version) is being prepared.	Strategy finalized and endorsed by government
Date	23-May-2014	30-Sep-2021	01-Apr-2022	29-Sep-2017
<input checked="" type="checkbox"/> 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-2021	01-Apr-2022	30-Sep-2022
Comments:	No progress yet. Farmer Initiative Groups established, 13 (8-Zeda RU, 5 Kvemo Samgori)			
<input checked="" type="checkbox"/> 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-2021	01-Apr-2022	30-Sep-2022
Comments:	To reiterate what has been reported in the GRM section, the Bank mission found that two grievances had been submitted under this component. Both requested referred to the local population to improve their private buildings or toilets. The contractor informed the mission that more such requests were received verbally but could not be accommodated as they were not directly related to project impacts. Likewise, the supervision consultant also noted that local farmers interact frequently with contractor teams, requesting intakes outlets to be located more conveniently. Such requests were reportedly accommodated at the field level but were not registered in the GRM logbook. With respect to the recent period: no grievances have been submitted during the last supervision period. Previously, the project has recorded and addressed			



grievances related to requests from community members to repair or relocate auxiliary buildings, among others.				
► 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.	Study under procurement.	<p>The feasibility assessment is broken-down into three consecutive phases:</p> <p>1. preliminary assessment – to be implemented from quarter III, 2021 through quarter I, 2022.</p> <p>2. technical investigation - to be implemented from quarter I, 2022 through quarter III, 2022</p> <p>3. final assessment – the timeframe of the project limits implementation of this phase within the scope of the current project.</p> <p>For the execution of the functions and tasks of the first phase, a tender was announced and company selected.</p>	Reservoir Rehabilitation & Construction Program assessed and prioritized against multiple criteria.
Date	31-Oct-2019	30-Sep-2021	30-Apr-2022	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	6,930.00	6,930.00	21,400.00
Date	18-Nov-2019	30-Sep-2021	01-Apr-2022	30-Sep-2022
Comments:	The actual (current) value is lower than the baseline because the number of beneficiaries is obtain by multiplying the number of active users by a coefficient. The number of active users like the present indicator will be modified to reflect that, as the works progress, more and more farmers benefit from improved irrigation. Both indicators (and the values) will be corrected as part of the upcoming RP.			
► Strengthening of the National Agency for Sustainable Land Management and Land Use Monitoring (Text, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Tender documents for the announcement of expression of interest are prepared; tender was announced on October 7, 2021 to identify and select an international consultant to prepare a concept paper on establishment and integration of the database on land resources	--	To build a capacity within MEPA Land Management Agency (LMA) a consultancy has been engaged to identify the gaps and propose a series of actions to be implemented to enable LMA to fulfil its responsibilities. The procurement of IT equipment to capacitate LMA staff is about to be completed. Therefore it is expected that LMA will initiate an organization and update of the existing spatial data supporting production of the Land Balance report in the near future.	Spatial land use and land management information updated and used for policy analysis
Date	30-Apr-2022	--	01-Apr-2022	30-Aug-2022
Comments:	To build a capacity within MEPA Land Management Agency (LMA) a consultancy has been engaged to identify the gaps and propose a series of actions to be implemented to enable LMA to fulfil its responsibilities. The procurement of IT equipment to capacitate LMA is about to be completed. Therefore it is expected that LMA will initiate an organization and update of the existing spatial data supporting production of the Land Balance report in the near future.			

Component 2 Land Market Development

► Land parcels with use or ownership rights recorded in pilot areas (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	41,600.00	101,908.00	106,832.00	178,000.00
Date	30-Sep-2020	30-Sep-2021	01-Apr-2022	30-Sep-2022
Comments:	The indicator is currently partially achieved by 60% 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. This baseline modification will be recorded in the portal once the upcoming restructuring is processed.			
► Target population with use or ownership rights recorded as a result of the Project (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	37,286.00	43,504.00	68,000.00
Date	23-May-2014	30-Sep-2021	01-Apr-2022	30-Sep-2022
<input type="checkbox"/> Target population (females) with land use of ownership rights recorded as a result of the Project (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	17,502.00	20,673.00	30,600.00
Date	23-May-2014	30-Sep-2021	01-Apr-2022	30-Sep-2022
<input type="checkbox"/> Complaints received as a result of the systematic registration process and resolved (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	99.94	99.96	99.96	99.95
Date	31-Oct-2019	30-Sep-2021	01-Apr-2022	30-Sep-2022
<input type="checkbox"/> 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-2021	01-Apr-2022	30-Sep-2022
Comments:	The NAPR adopted agile approach using mostly in-house capacities. The IT design and development teams and business analysts have been already recruited and designated their work is ongoing. The Business analysts already submitted the inception report, ICT Assessment have been also completed.			
<input type="checkbox"/> 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	82,154.00	83,784.00	180,000.00
Date	23-May-2014	30-Sep-2021	01-Apr-2022	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)

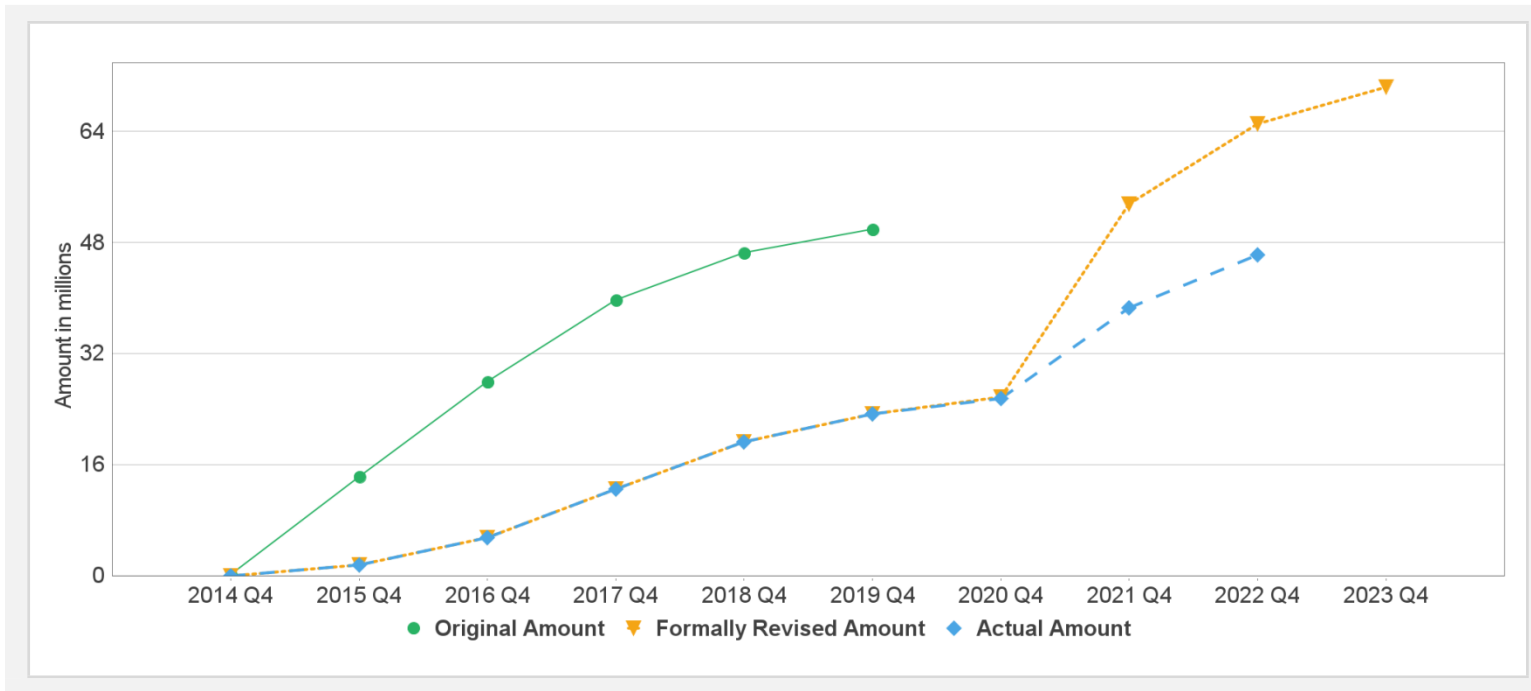


Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed		% Disbursed
P133828	IBRD-90430	Effective	USD	20.40	20.40	0.00	5.64	14.98		27%
P133828	IDA-54560	Effective	USD	50.00	50.00	0.00	40.65	4.57		90%

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



Restructuring History

Level 2 Approved on 07-Jun-2018

Related Project(s)

P171796-Additional Financing for Irrigation and Land Market Development Project