



Second Irrigation and Drainage Improvement Project (P086592)

EUROPE AND CENTRAL ASIA | Kazakhstan | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2013 | Seq No: 16 | ARCHIVED on 27-Apr-2021 | ISR46402 |

Implementing Agencies: Ministry of Finance, Ministry of Agriculture, Ministry of Ecology, Geology and Natural Resources

Key Dates

Key Project Dates

Bank Approval Date: 27-Jun-2013

Effectiveness Date: 29-Jan-2015

Planned Mid Term Review Date: 01-Oct-2018

Actual Mid-Term Review Date: 15-Oct-2018

Original Closing Date: 31-Dec-2021

Revised Closing Date: 31-Dec-2021

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project development objective is to improve irrigation and drainage service delivery to support farmers in the Project areas. This will be achieved through rehabilitation and modernization of irrigation and drainage systems; improved management, operation and maintenance of these systems; and more efficient use of associated irrigated lands; all with improved participation of users in developing and managing the rehabilitated / modernized systems.

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

No

Components Table

Name

Rehabilitation and Modernization of I&D Systems Infrastructure:(Cost \$323.38 M)
Sustainable Management, Operation and Maintenance of I&D Systems:(Cost \$6.93 M)
Agricultural Development:(Cost \$9.80 M)
Project Management, Technical Assistance, and Training:(Cost \$2.89 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Unsatisfactory	<input type="checkbox"/> Moderately Unsatisfactory
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

The project will not be able to achieve its development objective by the current closing date of December 31, 2021. The extension of the project by 22 months has been agreed and will be need to formally processed.

The implementation progress was satisfactory over the last six months. The spread of COVID-19 has disrupted and likely continue to challenge the scheduling of subcontractors and supply of goods and materials. Production of precast/prefabricated materials are likely to be impacted based upon contractors' internal workforce and facility management challenges caused by the pandemic. The overall physical progress (considering the upcoming Interim Payment Certificates) for the infrastructure component is estimated at around 36% in total. Out of eleven civil works contracts for rehabilitation and modernization of irrigation and drainage systems infrastructure (Component 1), nine contracts are at various stages of



implementation including one contract near completion. The rehabilitated infrastructure is going to provide improved irrigation and drainage services to an area of around 100,000 ha in Zhambyl, Kyzylorda, Turkestan and Almaty regions, benefiting more than 120,000 water users. The progress of the institutional and capacity building activities aimed at improving management, operation and maintenance of the systems (Component 2) and more efficient use of irrigated lands (Component 3) was limited due to the COVID-19 pandemic.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Macroeconomic	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Sector Strategies and Policies	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
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"/> Moderate	<input type="checkbox"/> Moderate
Stakeholders	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	--	--
Overall	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

Results

PDO Indicators by Objectives / Outcomes

Improve irrigation and drainage (I&D) service delivery to support farmers in the Project areas				
▶ Water users provided with new/improved irrigation and drainage services (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	6,600.00	120,000.00
Date	29-Jan-2015	31-Aug-2020	31-Mar-2021	31-Dec-2021
Comments:	By the end of 2021, it is expected to reach 20,000 beneficiaries including 7,700 women (upon completion of GMK and Kapal subprojects).			
<input type="checkbox"/> Water users provided with irrigation and drainage services - female (number) (Number, Custom Breakdown)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1,100.00	60,000.00
Date	29-Jan-2015	31-Aug-2020	31-Mar-2021	30-Nov-2021
► Area provided with irrigation and drainage services (ha) (Hectare(Ha), Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	25,000.00	100,000.00
Date	29-Jan-2015	31-Aug-2020	31-Mar-2021	30-Nov-2021
Comments:	By the end of CY 2020, it is expected that irrigation and drainage services will improve in the area of 53,000 hectares.			
□ Area provided with irrigation and drainage services - Improved (ha) (Hectare(Ha), Corporate Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	25,000.00	100,000.00
Date	29-Jan-2015	07-Apr-2020	31-Mar-2021	30-Nov-2021

Intermediate Results Indicators by Components

Rehabilitation and Modernization of I&D Systems Infrastructure				
► Length of the lined canals (Component 1) (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	145.70	234.79	800.00
Date	31-Dec-2014	31-Aug-2020	31-Mar-2021	31-Dec-2021
Comments:	It is expected to reach 396 km lined canals by the end 2021.			
► Grievance Redress Mechanism established and operationalized (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	31-Dec-2014	31-Aug-2020	31-Mar-2021	31-Dec-2021
Comments:	GRM is fully accessible and is physically located in the office place of local/village authorities and/or construction camp. sites. No complaints have been received in the reporting period.			



Sustainable Management, Operation and Maintenance of I&D Systems				
▶ Operational water user associations created and/or strengthened (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	35.00
Date	29-Jan-2015	31-Aug-2020	31-Mar-2021	29-Nov-2021
Comments:	The indicator will need to be revised during the restructuring to reflect legal and institutional changes.			
▶ Number of sub-projects with automated canal flow and groundwater table monitoring and control technology is developed to help modernize sub-project performance (Components 2). (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10.00
Date	29-Jan-2015	31-Aug-2020	31-Mar-2021	30-Nov-2021
Comments:	It is planned that new technologies will be tested in 2 subprojects (GMK and Kapal) by the end 2021.			
▶ Secondary canal system Management, Operation and Maintenance plans developed and operationalized (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	60,000.00	60,000.00	80,000.00
Date	31-Dec-2014	31-Aug-2020	31-Mar-2021	31-Dec-2021
Comments:	Draft MOM plans were developed. MOM manuals were handed over for operationalization in GMK and Kapal subprojects (10,000 ha).			
Agricultural Development				
▶ Client days of training provided (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,716.00	5,750.00	20,000.00
Date	29-Jan-2015	31-Aug-2020	31-Mar-2021	31-Dec-2021
Comments:	It is planned to reach 9,600 client days of training subject to allocation of the budget for Components 2&3.			
□ Client days of training provided - Female (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	699.00	769.00	3,000.00



Date	29-Jan-2015	31-Aug-2020	31-Mar-2021	31-Dec-2021
► Local government units strengthened (via establishing Rural Support Units and Farmer Support Centers) to provide irrigation and agronomic advisory services (Components 2 and 3) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20.00
Date	29-Jan-2015	31-Aug-2020	31-Mar-2021	30-Nov-2021
Comments:	The indicator will be removed as discussed with the Government given that advisory services are provided under the PPP arrangement.			

Project Management, Technical Assistance, and Training				
► Number of Subprojects where detailed designs and EAs/EMPs are prepared (Component 1, supported by Components 2 and 3) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10.00	10.00	10.00
Date	29-Jan-2015	31-Aug-2020	31-Mar-2021	30-Nov-2021
Comments:	This indicator has been fully accomplished with the completion of all designing works.			
► Users satisfied by quality of irrigation services provided (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	90.00
Date	31-Dec-2014	31-Aug-2020	31-Mar-2021	31-Dec-2021
Comments:	Beneficiary satisfaction survey will be conducted for GMK and Kapal subprojects after the irrigation season by the end of 2021. The project follows participatory approach. Water users are actively consulted during design and civil works in the canals. Water users' suggestions are often reflected in the modifications of the works. Water users are also consulted before the irrigation season as works cannot be carried out if water is supplied for irrigation.			
► Preparation of Monitoring and Evaluation reports (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	2.00	2.00
Date	28-Feb-2019	31-Aug-2020	31-Mar-2021	31-Dec-2021
Comments:	With the advanced progress under Component 1, monitoring and evaluation reports should report on the results of beneficiary satisfaction surveys, outcomes of infrastructure rehabilitation and capacity building programs. The next report is expected in the end of 2021.			



Performance-Based Conditions

Data on Financial Performance

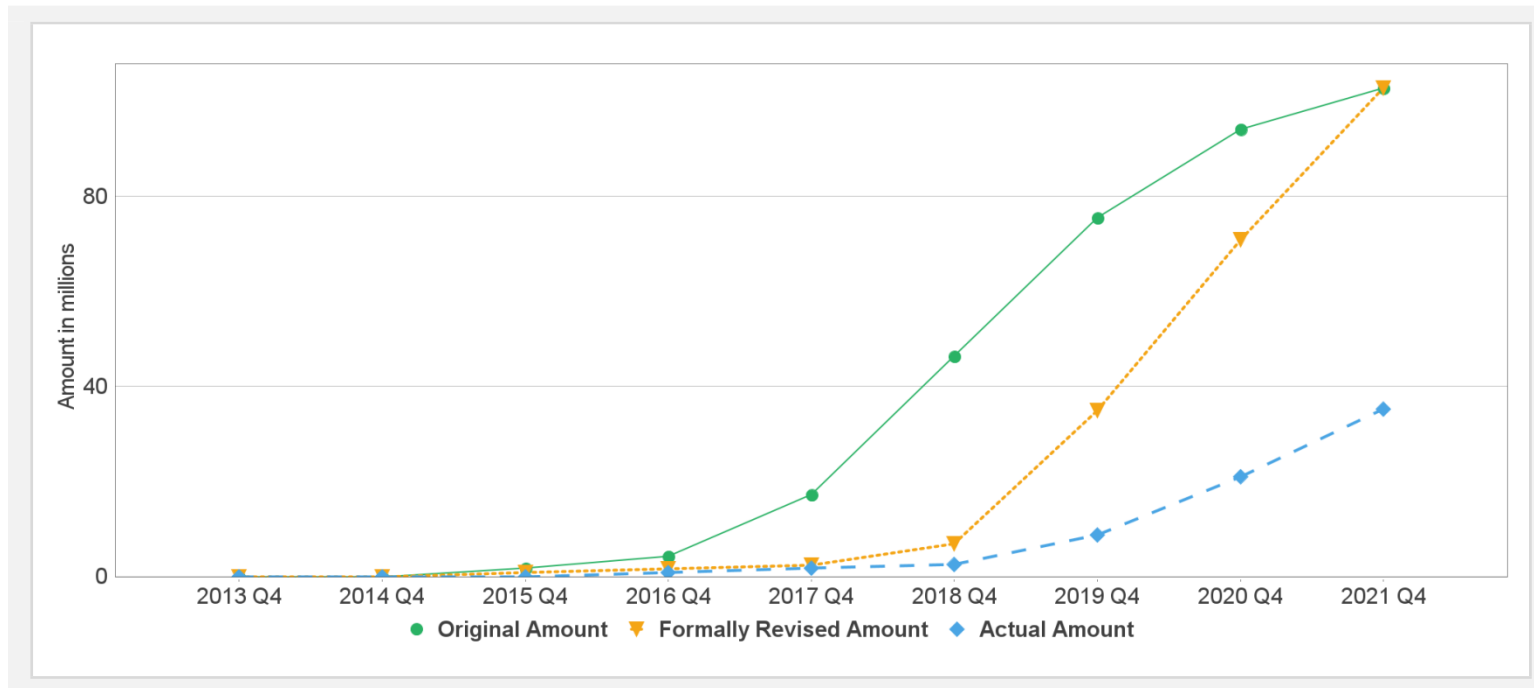
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P086592	IBRD-82770	Effective	USD	102.90	102.90	0.00	35.20	67.70	34%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P086592	IBRD-82770	Effective	27-Jun-2013	29-Apr-2014	29-Jan-2015	31-Dec-2021	31-Dec-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 2 Approved on 07-May-2019

Related Project(s)

There are no related projects.
