



## Second Irrigation and Drainage Improvement Project (P086592)

EUROPE AND CENTRAL ASIA | Kazakhstan | Water Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2013 | Seq No: 8 | ARCHIVED on 07-Jun-2017 | ISR28508 |

Implementing Agencies: Ministry of Finance, Ministry of Environmental Protection

### 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:--

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

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	● Moderately Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Unsatisfactory	● Moderately Unsatisfactory
Overall Risk Rating	● Substantial	● Substantial



## Implementation Status and Key Decisions

### Summary of Project Status and Recent Progress:

Since the former ISR, major progress has been attained toward meeting the target of awarding, before the end of CY2017, works contracts for four schemes worth 40% of total project costs and serving 40% of the project target areas: Makhtalar 1, Aris-Turkistan, Almaty BAC, and Kapal. This progress has been achieved after extensive guidance from the Bank team, and after the senior management of SMEC (the Client's implementation consultant, contract US\$33 million) visited Astana two times to resolve cumbersome Client-SMEC contractual issues. The progress achieved can be summarized as follows:

- 1 . SMEC has finally obtained its Design License from GoK, after the third attempt (two attempts failed over the last year).
- 2 . Topographic and hydrogeological surveys, and consultations with farmers, have been completed for nine of the project's total ten schemes (except Kyzylkom; surveys completed only 45%).
- 3 . Detailed designs and costing, including safeguards documents, have been nearly completed for three schemes, worth around US\$120 million: Makhtalar 1 (lot #1 100%, lot #2 90% completed), Aris-Turkistan (95%), and Kapal (100% completed). Almaty BAC design completion is 50%.
- 4 . Designs for two schemes/lots (worth US\$45 million) have been submitted to the "State Review Expertise, SNIIP". The Client team and consultants had discussed the designs with SNIIP to ensure that SNIIP will not return the designs with major comments, and hence, to save time, SNIIP's official approval for all schemes will be sought in parallel to undertaking the ICB/NCB tendering process.
- 5 . Despite initial reluctance from the Client's reserved technocrats/operators, the Client has agreed with the Bank team to include in the designs key irrigation modernization elements (Long Crested Weirs, automation via SCADA, and canal lining via Bituminous Geomembrane which does not require costly concrete protection).
- 6 . Client and SMEC are working on revisiting SMEC's Lump-Sum and Time-Based contracts on the Institutional and Agricultural Components (Components #2 and #3), in order to reflect the GoK new Law which tasked the local government agencies (KVKs/RVKs) with additional irrigation O&M roles. Bank team has been guiding the two parties to undertake the respective contract amendment.

### Key Issues and Actions for Management Attention:

With this progress, at least three schemes worth US\$120m are expected to be tendered out to the ICB/NCB bidders during June 2017, and hence, to be awarded by late September/early October 2017. The fourth scheme, Almaty BAC, is expected to be awarded during November 2017. Thus, for this ISR, the Team recommends maintaining the PDO and IP ratings at MS and MU respectively, to be revisited by October 2017 once the three aforementioned schemes are awarded (committed) successfully.

Since the approach to the envisaged SYNAS2 project is now being revisited, the Kyzylorda Akimat and the Bank team have agreed in principle to seek implementing under IDIP2 the urgent Kyzylorda barrage works and flood-control works that were sought to be financed by SYNAS2. The Akimat will work with the Client CWR on this arrangement, which would also require support from the Bank team.



## Risks

### Systematic Operations Risk-rating Tool

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

## Results



### Project Development Objective Indicators

#### ► 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	0.00	120,000.00
Date	29-Jan-2015	07-Nov-2016	05-Jun-2017	30-Nov-2021

#### ▲ 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	0.00	40,000.00
Date	29-Jan-2015	07-Nov-2016	05-Jun-2017	30-Nov-2021

#### ► Area provided with new/improved irrigation or drainage services (Hectare(Ha), Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100,000.00
Date	29-Jan-2015	07-Nov-2016	05-Jun-2017	30-Nov-2021

#### ▲ Area provided with new irrigation or drainage services (Hectare(Ha), Corporate Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100,000.00
Date	29-Jan-2015	07-Nov-2016	05-Jun-2017	30-Nov-2021

### Overall Comments



### Intermediate Results Indicators

► 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	0.00	2.00	10.00
Date	29-Jan-2015	07-Nov-2016	05-Jun-2017	30-Nov-2021

► Incremental irrigation-water added (Component 1) (Cubic Meter(m3), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	870,000,000.00
Date	29-Jan-2015	07-Nov-2016	05-Jun-2017	30-Nov-2021

► 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	07-Nov-2016	05-Jun-2017	29-Nov-2021

► Client days of training provided (number) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	24,000.00
Date	29-Jan-2015	07-Nov-2016	05-Jun-2017	30-Nov-2021



▲ Client days of training provided - Female (number) (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8,000.00
Date	29-Jan-2015	07-Nov-2016	05-Jun-2017	30-Nov-2021

▶ Number of Subprojects where "Water Information and Communication Technology" (e.g. Remote Sensing, GIS modeling) is developed to help modernize Subproject performance (Component 2) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1.00	5.00
Date	29-Jan-2015	07-Nov-2016	05-Jun-2017	30-Nov-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	07-Nov-2016	05-Jun-2017	30-Nov-2021

Overall Comments

## Data on Financial Performance

### Disbursements (by loan)

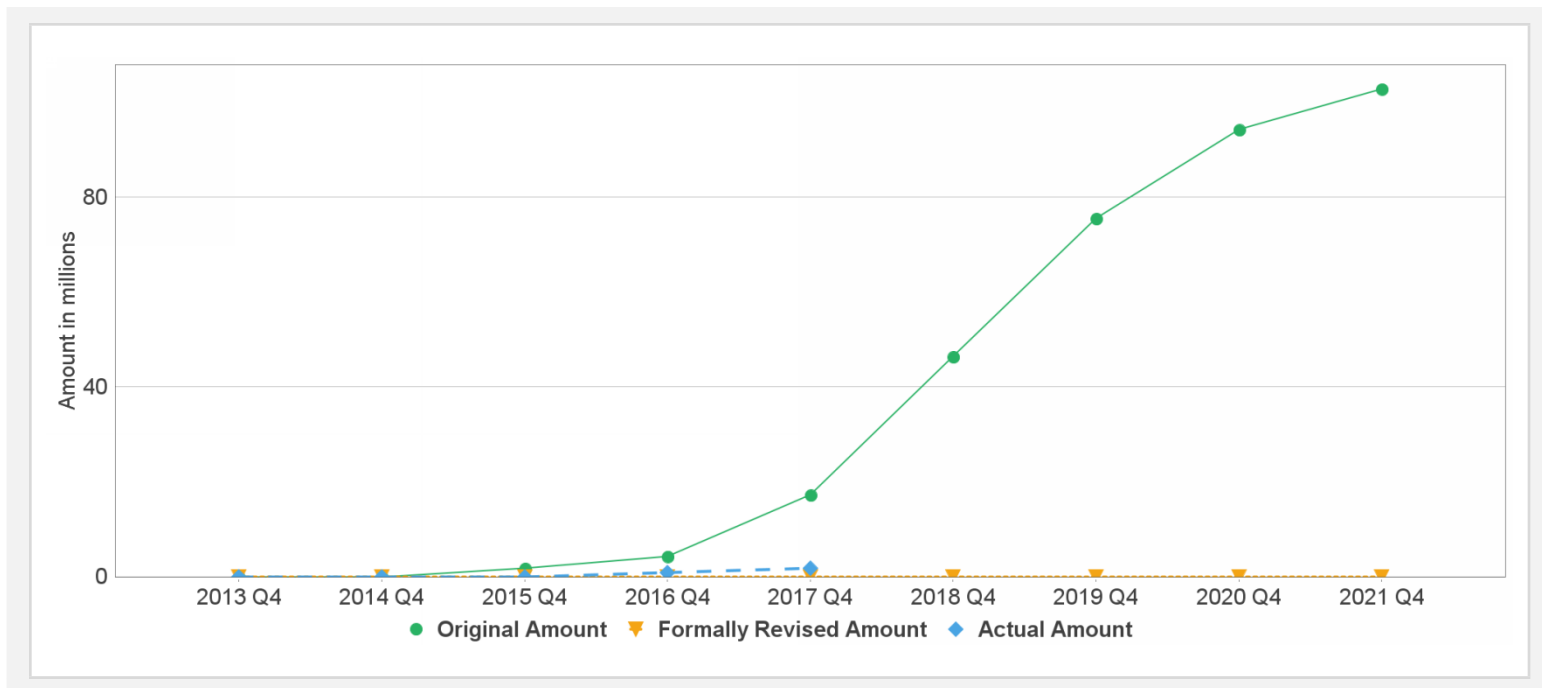
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P086592	IBRD-82770	Effective	USD	102.90	102.90	0.00	1.72	101.19	2%

### 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**



**Restructuring History**

There has been no restructuring to date.

**Related Project(s)**

There are no related projects.