



PK Punjab Irrig Agri Productivity Improvement Program Project (P125999)

SOUTH ASIA | Pakistan | Agriculture and Food Global Practice |
IBRD/IDA | Investment Project Financing | FY 2012 | Seq No: 18 | ARCHIVED on 27-Jun-2020 | ISR42300 |

Implementing Agencies: Government of Punjab, Directorate General Agriculture (Water Management), Islamic Republic of Pakistan

Key Dates

Key Project Dates

Bank Approval Date: 20-Mar-2012

Effectiveness Date: 26-Apr-2012

Planned Mid Term Review Date: 15-Feb-2016

Actual Mid-Term Review Date: 15-Jan-2016

Original Closing Date: 31-Dec-2018

Revised Closing Date: 31-Dec-2021

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project's main objective is to improve productivity of water use in irrigated agriculture. This will be achieved through improved physical delivery efficiency and irrigation practices, crop diversification and effective application of inputs that will translate into greater agricultural output per unit of water used. The project's objectives would contribute to increased agricultural production, employment and incomes, higher living standards and positive environmental outcomes.

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

No

Components Table

Name

Installation of High Efficiency Irrigation Systems:(Cost \$60.00 M)
Upgrading of Community Irrigation Systems:(Cost \$44.50 M)
Support to Post-Harvest Processing and Value Addition:(Cost \$11.00 M)
Supplementary costs for project management, supervision, and technical assistance and training:(Cost \$14.20 M)
Front End Fee and:(Cost \$0.30 M)

Overall Ratings

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

Implementation Status and Key Decisions

This ISR is prepared based on meetings held with the PMU during the month of April and May as well as the progress reports submitted by the PMU. Followings are the key messages:

Overall project implementation remains highly satisfactory (HS) with significant positive development impact on the ground. By May 31, 2020, the project has improved 5,971 unimproved watercourses (98% of target) while 3,751 improved partially improved watercourses (94% of target). In addition, high efficiency irrigation system (HEIS) have been installed covering 65,320 acres, with 6,740 acres in progress (54% of target).



The project has rehabilitated 3,088 schemes outside the canal command area (91% of target). The target for LASER land leveling units has been fully achieved (5000 units).

Given the challenges presented by the COVID-19 pandemic and its impact on small and medium farmers in Punjab, the task team encouraged the PMU to undertake more watercourse improvement since this activity generates more temporary employment for daily wage labour. PMU agrees to accelerate the implementation speed of all components, particularly the speed of watercourse improvement, for its bigger potential of job creation. Many factors explain the relatively slow progress of HEIS such as risk associated to the new technology, high cost, and support to solarization of HEIS, etc.

John Roome, the World Bank South Asia Director for Social Development, visited PIPIP in late January 2020 and gave high remarks of the project's development impact.

Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Improve productivity of water use in irrigated agriculture				
► Reduction in water losses in the project area (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	40% losses	10% improved	10% improved	10% improved
Date	23-Feb-2012	15-Nov-2019	09-Jun-2020	31-Dec-2021



► Increased agriculture output per unit of water used (HEIS) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	12.00	27.00	27.00	30.00
Date	25-Oct-2012	15-Nov-2019	09-Jun-2020	31-Dec-2021
Comments:	The number is: Rs/per cubic meter			
► Increased agriculture output per unit of water used (watercourse) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	7.00	14.00	14.00	20.00
Date	23-Feb-2012	15-Nov-2019	09-Jun-2020	31-Dec-2021
Comments:	The number is: Rs/ per cubic meter			

Intermediate Results Indicators by Components

Installation of High Efficiency Irrigation Systems/Agro-processing pilot				
► Drip and High Efficiency Systems (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	58,100.00	65,320.00	120,000.00
Date	23-Feb-2012	15-Nov-2019	23-Jun-2020	31-Dec-2021
► Number of women employed on HEIS units per acre (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	17.00	17.00	At least 3 women are employed on HEIS units per acre
Date	26-Feb-2017	15-Nov-2019	09-Jun-2020	31-Dec-2021
► Percentage of beneficiaries that feel project investments reflected their needs and brought improvements (disaggregated by gender) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	80.00	80.00	100.00
Date	26-Feb-2017	15-Nov-2019	09-Jun-2020	31-Dec-2021



► Technologies demonstrated in the project areas (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	no HEIS installed	57,300	72,060	HEIS technology installed on 120,000
Date	10-Oct-2012	15-Nov-2019	23-Jun-2020	31-Dec-2021

Upgrading of Community Irrigation Systems				
► Clients who have adopted an improved agr. technology promoted by the project (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No HEIS installed.	57,300	65,320	HEIS technology installed on 120,000 acres
Date	12-Dec-2012	15-Nov-2019	23-Jun-2020	31-Dec-2021

► Percentage of women members in WUAs that are project beneficiaries (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1%	10.00	10.00	At least 30% women are employed on HEIS units per acre
Date	10-Oct-2012	15-Nov-2019	09-Jun-2020	31-Dec-2021

► Improvement of watercourses in canal command (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	11,916.00	12,810.00	11,550.00
Date	23-Feb-2012	15-Nov-2019	23-Jun-2020	31-Dec-2021

□B1. Improvement of new watercourses (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5,860.00	5,971.00	5,700.00
Date	23-Feb-2012	15-Nov-2019	23-Jun-2020	31-Dec-2021

□B2. Improvement of partially improved watercourses (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,225.00	3,751.00	3,200.00
Date	23-Feb-2012	15-Nov-2019	09-Jun-2020	31-Dec-2021



□ B3. Irrigation schemes outside canal command area (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,831.00	3,088.00	2,650.00
Date	23-Feb-2012	15-Nov-2019	23-Jun-2020	31-Dec-2021
▶ Introduction of improved agricultural practices (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	23-Feb-2012	15-Nov-2019	09-Jun-2020	31-Dec-2021
▶ Laser leveling equipment (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5,000.00	5,000.00	5,000.00
Date	23-Feb-2012	15-Nov-2019	09-Jun-2020	31-Dec-2019
▶ C3 (a) Processing units (equipment and facilities) for value-added production (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	22-Mar-2017	15-Nov-2019	09-Jun-2020	31-Dec-2021
Comments:	This sub-component was added as pilot during the AF preparation. Its implementation is "optional" based on the status of another government-fund program. The Department of Agriculture just made a decision in early December 2019 to implement the sub-component.			
▶ C3 (b) Percentage of agro-processing and value-addition facilities that employ women (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	30.00
Date	22-Feb-2017	15-Nov-2019	09-Jun-2020	31-Dec-2021
Comments:	See explanation to C3(a)			

Performance-Based Conditions

Data on Financial Performance



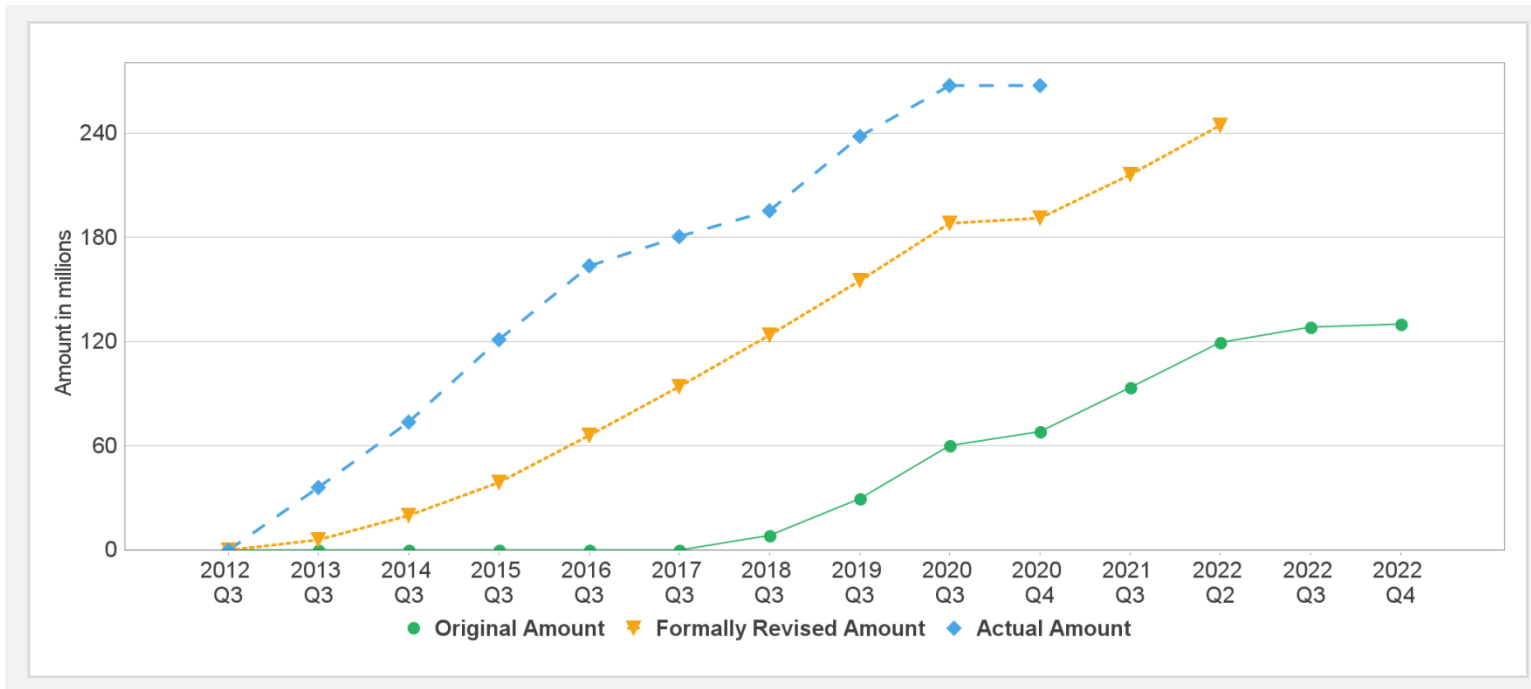
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P125999	IBRD-87990	Effective	USD	130.00	130.00	0.00	33.83	96.17	26%
P125999	IDA-50810	Effective	USD	250.00	250.00	0.00	233.83	0.00	100%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P125999	IBRD-87990	Effective	30-Nov-2017	29-Dec-2017	01-Feb-2018	31-Dec-2021	31-Dec-2021
P125999	IDA-50810	Effective	20-Mar-2012	12-Apr-2012	26-Apr-2012	31-Dec-2018	30-Nov-2020

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 17-Dec-2019

Related Project(s)

P157736-Additional Financing for Punjab Irrigated Agriculture Productivity Program Project
