



## PK Punjab Irrig Agri Productivity Improvement Prog Phase-I (P125999)

SOUTH ASIA | Pakistan | Agriculture Global Practice |  
IBRD/IDA | Specific Investment Loan | FY 2012 | Seq No: 12 | ARCHIVED on 22-Jun-2017 | ISR28669 |

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-2018

### 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

Name

Installation of High Efficiency Irrigation Systems:(Cost \$202.60 M)

Improvement of Community Irrigation Systems:(Cost \$201.40 M)

Improved Agriculture Technology/Praxctices and Monitoring and Evaluation:(Cost \$10.30 M)

Project Management, Supervision, Technical Assistance, Training and Strategic Studies:(Cost \$27.30 M)

### Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Highly Satisfactory	● Highly Satisfactory
Overall Implementation Progress (IP)	● Satisfactory	● Satisfactory
Overall Risk Rating	● Moderate	● Moderate



## Implementation Status and Key Decisions

While installation of High Efficiency Irrigation System (HEIS) is improving, the Implementation Progress rating is maintained as Satisfactory. To date, HEIS is installed on 28,987 acres and works are in progress on another 7,183 acres. However this rate of installation is still slow and in order to meet targets on time, the project implementation team needs to take steps to expedite the HEIS program.

## 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

### Project Development Objective Indicators

#### ► Reduction in water losses in the project area (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	40% losses	--	10%	10% improved
Date	23-Feb-2012	--	13-Jun-2017	31-Dec-2019

#### ▾ In watercourses improved by 10% (Text, Custom Breakdown)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	40% level of losses	Improved by 10%	Improved by 10%	10% improved in watercourses
Date	23-Feb-2012	21-Nov-2016	13-Jun-2017	31-Dec-2019

#### ▲ Where HEIS are installed (acres covered by HEIS) (Text, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Zero acres covered by HEIS	24,091 acres covered by HEIS	28,987 acres covered by HEIS	120,000 acres covered by HEIS
Date	23-Feb-2012	21-Nov-2016	13-Jun-2017	31-Dec-2019

#### ▶ Increased agriculture output per unit of water used (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Zero acres under HEIS	--	28,987	120,000 acres
Date	23-Feb-2012	--	13-Jun-2017	31-Dec-2019

#### ▲ HEIS acres (orchards, vegetables, and row crops) (Text, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Zero acres under HEIS	24,091 acres under HEIS	28,987 acres under HEIS	120,000 acres under HEIS
Date	23-Feb-2012	21-Nov-2016	13-Jun-2017	31-Dec-2019

#### ▲ Watercourses improved (number) (Text, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Unimproved watercourses	7,514 watercourses improved	8,352 watercourses improved	9,000 watercourses improved



Date	23-Feb-2012	21-Nov-2016	13-Jun-2017	31-Dec-2019
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## Overall Comments

## Intermediate Results Indicators

► Drip and High Efficiency Systems (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	24,091.00	28,987.00	120,000.00
Date	23-Feb-2012	21-Nov-2016	13-Jun-2017	31-Dec-2019

► Laser leveling equipment (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,855.00	5,000.00	3,000.00
Date	23-Feb-2012	21-Nov-2016	13-Jun-2017	31-Dec-2019

► Improvement of watercourses in canal command (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	7,514.00	8,352.00	9,000.00
Date	23-Feb-2012	21-Nov-2016	13-Jun-2017	31-Dec-2019




► 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	21-Nov-2016	13-Jun-2017	31-Dec-2019

## Overall Comments

### Data on Financial Performance

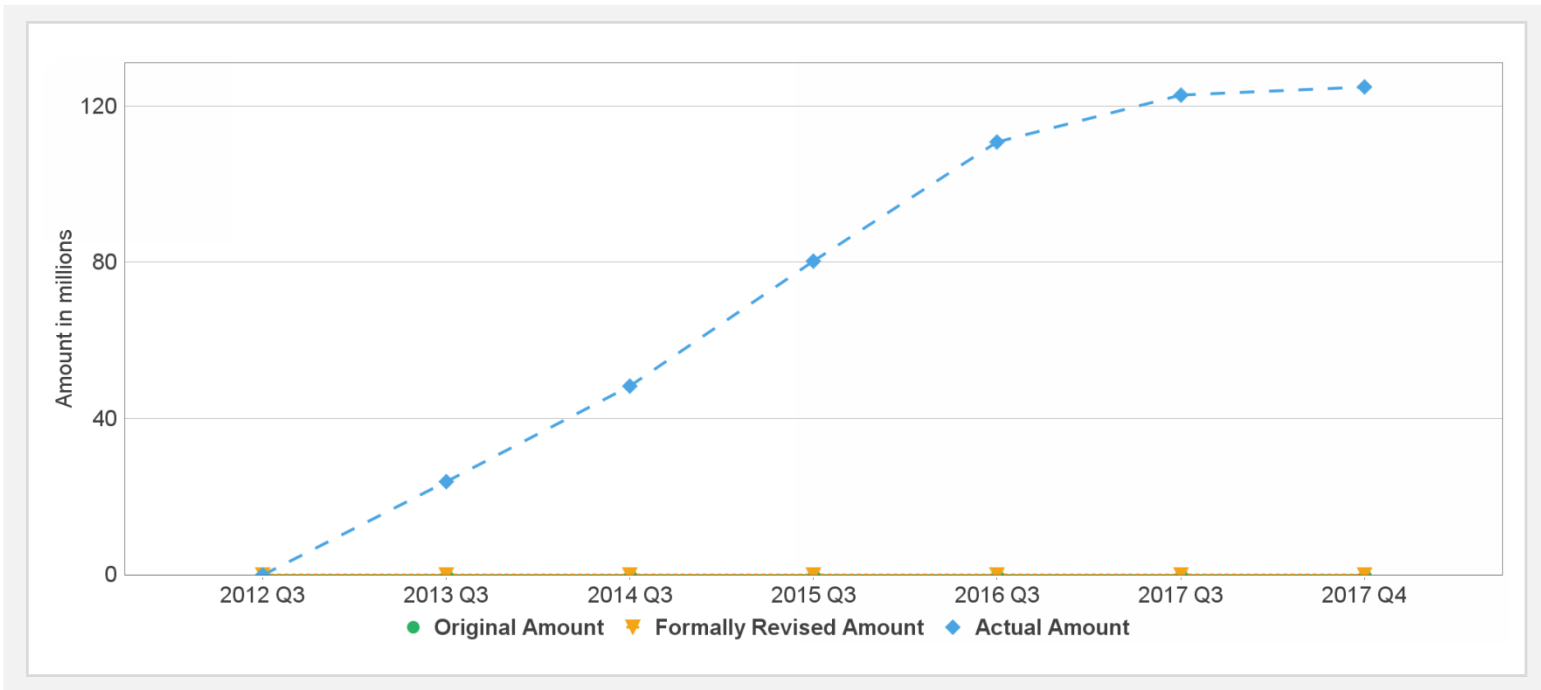
#### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P125999	IDA-50810	Effective	XDR	161.20	161.20	0.00	124.95	36.25	 78%

#### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P125999	IDA-50810	Effective	20-Mar-2012	12-Apr-2012	26-Apr-2012	31-Dec-2018	31-Dec-2018

#### Cumulative Disbursements



### Restructuring History

There has been no restructuring to date.

### Related Project(s)

P157736-Additional Financing for Punjab Irrigated Agriculture Productivity Program Phase-1