

Implementation Status & Results
India
IN Uttar Pradesh Water Sector Restructuring Project Phase 2 (P122770)

Operation Name: IN Uttar Pradesh Water Sector Restructuring Project Phase 2 (P122770) Project Stage: Implementation Seq.No: 3 Status: ARCHIVED Archive Date: 11-Aug-2014

Country: India Approval FY: 2014
 Product Line: IBRD/IDA Region: SOUTH ASIA Lending Instrument: Specific Investment Loan
 Implementing Agency(ies): Uttar Pradesh Irrigation Department, GoUP, Lucknow

Key Dates

Board Approval Date	28-Aug-2013	Original Closing Date	31-Oct-2020	Planned Mid Term Review Date	31-Oct-2016	Last Archived ISR Date	18-Mar-2014
Effectiveness Date	10-Dec-2013	Revised Closing Date	31-Oct-2020	Actual Mid Term Review Date			

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development objectives are to strengthen the institutional and policy framework for integrated water resources management for the entire State and increase agricultural productivity and water productivity by supporting farmers in targeted irrigation areas.

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

Yes No

Component(s)

Component Name	Component Cost
Component A: Strengthening of State-Level Water Institutions and Inter-Sector Coordination	15.00
Component B: Modernization and Rehabilitation of Irrigation and Drainage System	326.00
Component C: Consolidation and Enhancement of Irrigation Institutional Reforms	42.00
Component D: Enhancing Agriculture Productivity and On-Farm Water Management	32.00
Component E: Feasibility Studies and Preparation Activities for the Next Phase	2.00
Component F: Project Coordination and Monitoring	23.00

Overall Ratings

	Previous Rating	Current Rating
Progress towards achievement of PDO	Satisfactory	Satisfactory
Overall Implementation Progress (IP)	Satisfactory	Satisfactory
Overall Risk Rating	Substantial	Substantial

Implementation Status Overview

To date, about US\$65 million in contracts are committed and about US\$ 18.2 million have been disbursed. Rehabilitation and modernization works have commenced in two major irrigation systems (PLGC and Bundelkhand) and the survey and design consultancies for the remaining work packages are on-going. The Uttar Pradesh Water Management and Regulatory Commission Act was passed by the Uttar Pradesh Legislature in March 2014. Several other procurements are in the advanced stages. This includes the project monitoring and evaluation consultancy (for PACT), Third Party Construction Quality Control and Technical Examination of Rehabilitation & Modernization Works consultancy, the river basin assessment consultancy for State Water Resources Agency (SWARA), and flood forecasting and inundation mapping consultancy (for UPID). With respect to the activities to support the Participatory Irrigation Management Act, the State Institute of Rural Development (SIRD) has begun its awareness campaign, the Water and Land Management Institute (WALMI) has delivered several PIM training activities to UPID officers, and exposure visits to water users associations (WUAs) in Gujarat have been organized.

Locations

No Location data has been entered

Results

Project Development Objective Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Eight river basin assessments and plans completed	<input type="checkbox"/>	Number	Value	1.00	1.00	8.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments	Under Phase 1, a detailed assessment, basin plans, and decision support system (DSS) tool was developed for the Ghaghra-Gomti Basin. This was undertaken by SMEC. Under Phase 2, a similar activity will be taken up for the remaining 7 basins in the State.	Consultancy assignment for remaining river basin assessments is in the procurement process	
Operational water user associations created and/or strengthened (number)	<input checked="" type="checkbox"/>	Number	Value	0.00	0.00	900.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments	According to UPWSRP 1 Final impact assessment report (2010), none of the WUAs established were fully functional. The rating metric will be developed by the M&E agency in partnership with UPID and WUAs at inception of the project. It could include criteria on, for example, board election, number of meetings held, maintenance of all	Training on voters list preparation completed. Election process has yet to begin for project year 1 area. Govt approval awaited for ToR for community mobilizers.	

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				essential records, independent fund generation, ability to distribute the water properly, desilting of canals, and with members understanding the responsibilities of WUAs		
Increase in crop yields in project areas	<input type="checkbox"/>	Tones/year	Value	2.90	2.90	4.30
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments	The unit of measure should be Tons/hectare. Baseline value in Tons/ha for Paddy is shown here.	This will be tracked on a yearly basis by the M&E consultancy once in place.	The unit of measure should be Tons/hectare. End Target value in Tons/ha for Paddy is shown here.
Increase in crop yields in project areas: Wheat	<input type="checkbox"/>	Tones/year Sub Type Breakdown	Value	2.50	2.50	3.80
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments	The unit of measure should be Tons/hectare. Baseline value in Tons/ha for Wheat is shown here.	This will be tracked on a yearly basis by the M&E consultancy once in place.	The unit of measure should be Tons/hectare. End Target value in Tons/ha for Wheat is shown here.
Increase in crop yields in project areas: Pulses	<input type="checkbox"/>	Tones/year Sub Type Breakdown	Value	0.50	0.50	0.85
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments	The unit of measure should be Tons/hectare. Baseline value in Tons/ha for Pulses is shown here.	This will be tracked on a yearly basis by the M&E consultancy once in place.	The unit of measure should be Tons/hectare. End Target value in Tons/ha for Pulses is shown here.
Increase in crop yields in project areas: Oilseed	<input type="checkbox"/>	Tones/year Sub Type Breakdown	Value	0.75	0.75	1.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments	The unit of measure should be Tons/hectare. Baseline value in Tons/ha for Oilseed is shown here.	This will be tracked on a yearly basis by the M&E consultancy once in place.	The unit of measure should be Tons/hectare. End Target value in Tons/ha for Oilseed is shown here.
Percentage increase of agricultural output in the project areas	<input type="checkbox"/>	Percentage	Value	0.00	0.00	68.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments	The baseline value is assessed at 9.3 Rs billion on the basis of the economic and financial analysis of the project.	This will be tracked on a yearly basis by the M&E consultancy once in place.	
Percentage increase in system-wide water use productivity in project areas	<input type="checkbox"/>	Percentage	Value	0.00	0.00	30.00
			Date	01-Jul-2013	06-Dec-2013	30-Jun-2020

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			Comments	Baseline will be generated from the initial work by RSAC and discharge data by UPID and will be confirmed by the M&E agency. Target is set according to results observed under UPWSP Phase 1 project (ICR report, 2012)	This will be tracked on a yearly basis by the M&E consultancy once in place.	
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Intermediate Results Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Improved Knowledge base and analytical capacity for integrated water resources management	<input type="checkbox"/>	Number	Value	0.00	0.00	1.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments		RFP in process for integrated water information data system (IWRIS). RFP for river basin assessments in advanced stage of procurement.	
Improved flood forecasting capacity for the Rapti Basin	<input type="checkbox"/>	Number	Value	0.00	0.00	1.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments	Flood management information system created and producing annual flood reports for Rapti Basin	Activity moved to UPID. Flood forecasting consultancy to be finalized.	
Engineers trained on modern participatory approaches at WALMI	<input type="checkbox"/>	Number	Value	0.00	0.00	1030.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments		WALMI program yet to be initiated. Director for WALMI to be hired by end July 2014	
Improved area provided with irrigation and drainage services (ha)	<input type="checkbox"/>	Hectare(Ha)	Value	0.00	0.00	465000.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments		PLGC works near completion. Bundelkhand area works on-going. Haidergarh system bid to be finalized.	
Water users provided with new/improved irrigation and drainage services (number)	<input checked="" type="checkbox"/>	Number	Value	0.00	0.00	570000.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020

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			Comments	Assuming 1.23 farmer family per ha of land and one water user per family.	WUA election process yet to be initiated	
Water users provided with irrigation and drainage services - female (number)	<input checked="" type="checkbox"/>	Number Sub Type Breakdown	Value	0.00	0.00	85000.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments		WUA election process yet to be initiated	
Percentage reduction in area with water logging problems	<input type="checkbox"/>	Percentage	Value	0.00	0.00	75.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments	Baseline will be generated by RSAC. Target is set according to results observed under UPWSRP Phase 1 project (ICR report, 2012).	PLGC works near completion. Bundelkhand area works on-going. Haidergarh system bid to be finalized.	
Increase in irrigation intensity	<input type="checkbox"/>	Percentage	Value	59.00	59.00	75.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments		PLGC works near completion. Bundelkhand area works on-going. Haidergarh system bid to be finalized.	
Groundwater management plan prepared	<input type="checkbox"/>	Number	Value	0.00	0.00	1.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments		DWLRs installation tender to be completed in July 2014. To expedite Consul. Services for the dev't and implementation of Ground Water Information System.	
PIM support cells established within UPID	<input type="checkbox"/>	Number	Value	0.00	3.00	21.00
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020
			Comments		PIM support cells established for project year 1 areas	The 21 divisions where a PIM Division Cell will need to be formed include: Narora, Kasganj, Farrukhabad, Etah, LGC Mainpuri, Kannauj, LGC Kanpur, Kanpur Dehat, Fatehpur, LGC Fatehpur, LGC Etawah, Auraiya, LGC Etawah Bhognipur,

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							Kaushambi, Lalitpur, and ICD Lucknow.
Performance monitoring system of UPID engineers in place in phase 1 area and utilized	<input type="checkbox"/>	Number	Value	0.00	0.00	1.00	
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020	
			Comments	Performance monitoring system of UPID engineers in place in phase 1 areas and utilized	Bid process of monitoring system for canal discharge to be finalized.		
Percentage increase in WUAs assessing service delivery by UPID as satisfactory in phase 1 project area	<input type="checkbox"/>	Percentage	Value	0.00	0.00	60.00	
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020	
			Comments	Baseline will be generated by M&E agency.	WUA election process yet to be initiated		
Percentage of water users associations (minor level) with transfer of O&M funds	<input type="checkbox"/>	Percentage	Value	52.60	52.60	100.00	
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020	
			Comments	Calculated as the percentage of WUAs (minor level) to which MNREGA funds are transferred	WUA election process yet to be initiated		
Farmer Water Schools established	<input type="checkbox"/>	Number	Value	0.00	0.00	5520.00	
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020	
			Comments	Baseline calculated as the percentage of WUAs (minor level) to which MNREGA funds are transferred and will be revisited by the M&E agency.	EOI and TOR to be reviewed by WB for competitive bidding.		
Clients who have adopted an improved agr. technology promoted by the project	<input type="checkbox"/>	Number	Value	0.00	0.00	71775.00	
			Date	01-Jul-2013	01-Jun-2014	30-Jun-2020	
			Comments		To follow establishment of Farmer Water Schools	Defined as the number of farmers who have adopted improved water management and crop production technologies out of those exposed to such practices. Adoption rate will be determined from randomized field surveys.	

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Data on Financial Performance (as of 10-Jul-2014)

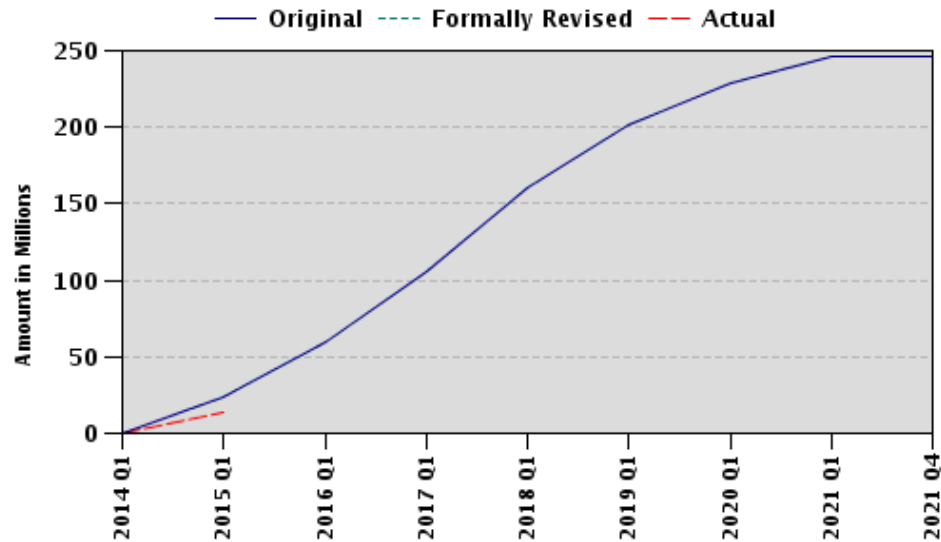
Financial Agreement(s) Key Dates

Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P122770	IDA-52980	Effective	28-Aug-2013	24-Oct-2013	10-Dec-2013	31-Oct-2020	31-Oct-2020

Disbursements (in Millions)

Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P122770	IDA-52980	Effective	XDR	239.40	239.40	0.00	13.62	225.78	6.00

Disbursement Graph



Key Decisions Regarding Implementation

UPID has approved the proposal on the constitution of a dedicated Flood Management and Information System (FMIS) Centre and associated activities. FMIS-related works has commenced. GoUP has passed an Act in the State Assembly for the establishment of the Uttar Pradesh Water Management and Regulatory.

Restructuring History

There has been no restructuring to date.

Related Projects

There are no related projects.