

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

Operation Name: **Uttar Pradesh Water Sector Restructuring Project Phase 2 (P122770)**    Project Stage: **Implementation**    Seq.No: **2**    Status: **ARCHIVED**    Archive Date: **18-Mar-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	<b>28-Aug-2013</b>	Original Closing Date	<b>31-Oct-2020</b>	Planned Mid Term Review Date	<b>31-Oct-2016</b>	Last Archived ISR Date	<b>25-Dec-2013</b>
Effectiveness Date	<b>10-Dec-2013</b>	Revised Closing Date	<b>31-Oct-2020</b>	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	<b>Satisfactory</b>	<b>Satisfactory</b>
Overall Implementation Progress (IP)	<b>Satisfactory</b>	<b>Satisfactory</b>
Overall Risk Rating	<b>Substantial</b>	<b>Substantial</b>

**Implementation Status Overview**

UPWSRP-2 is a 7 year project with a total project cost of around US\$515 million with an IDA investment of about US\$360 million and the remaining from the Government of Uttar Pradesh. The implementing entities include the following departments: Irrigation, Agriculture, Groundwater, State Institute for Rural Development (SIRD), and Remote Sensing Applications Center (RSAC). The UPWSRP-2 became effective only recently and is still in too early a stage to report on the progress. However, rehabilitation and modernization works have commenced in two major irrigation systems (on the Parallel Lower Ganga Canal and in Bundelkhand) and the survey and design consultancies for the remaining works packages have been mobilized and are starting the field surveys. 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 several exposure visits to water users associations (WUAs) in Gujarat have been organized. A control and command center (of the UPID) has been established as well as a working complaint line for farmers and WUAs.

**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	03-Feb-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	03-Feb-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	Training on voters list preparation completed. Election process has yet to begin for project year 1 areas. The terms of reference (ToR) for community mobilizers was cleared by the Bank in May 2013. The approval from the government is still awaited.	

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				held, maintenance of all 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	06-Dec-2013	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	06-Dec-2013	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	06-Dec-2013	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	06-Dec-2013	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	06-Dec-2013	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.	

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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
			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.	

**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	03-Feb-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	03-Feb-2014	30-Jun-2020
			Comments	Flood management information system created and producing annual flood reports for Rapti Basin	Activity to be moved to UPID. Flood forecasting RFP approved by the Bank and pending with UPID. Several other bid documents are in preparation.	
Engineers trained on modern participatory approaches at WALMI	<input type="checkbox"/>	Number	Value	0.00	0.00	1030.00
			Date	01-Jul-2013	03-Feb-2014	30-Jun-2020
			Comments		WALMI program yet to be initiated	
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	03-Feb-2014	30-Jun-2020
			Comments		Works contracts for the PLGC and Bundelkhand three reservoir command systems awarded and contractors have started work.	

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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	03-Feb-2014	30-Jun-2020
			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	03-Feb-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	03-Feb-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).	Works contracts for the PLGC and Bundelkhand three reservoir command systems awarded and contractors have started works	
Increase in irrigation intensity	<input type="checkbox"/>	Percentage	Value	59.00	59.00	75.00
			Date	01-Jul-2013	06-Dec-2013	30-Jun-2020
			Comments		Works contracts for the PLGC and Bundelkhand three reservoir command systems awarded. Advance payments made. Contractors to be mobilized soonest.	
Groundwater management plan prepared	<input type="checkbox"/>	Number	Value	0.00	0.00	1.00
			Date	01-Jul-2013	03-Feb-2014	30-Jun-2020
			Comments		Delays in initiating program of activities with the Groundwater Department. Bid document for DWLRs in project area prepared.	
PIM support cells established within UPID	<input type="checkbox"/>	Number	Value	0.00	3.00	21.00
			Date	01-Jul-2013	03-Feb-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,

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						LGC Etawah, Auraiya, LGC Etawah Bhognipur, 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	03-Feb-2014	30-Jun-2020
			Comments	Performance monitoring system of UPID engineers in place in phase 1 areas and utilized	Bidding documents for monitoring system for canal discharge prepared.	
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	03-Feb-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	03-Feb-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	03-Feb-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.	FAO contract not in place yet to begin training programs	
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	03-Feb-2014	30-Jun-2020
			Comments		FFAO contract not in place yet to begin training programs	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 27-Jan-2014)**

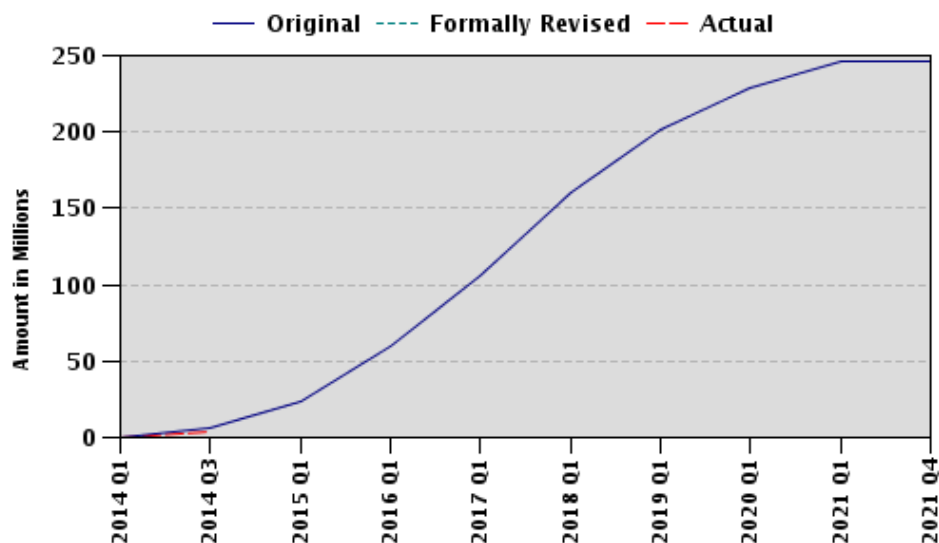
**Financial Agreement(s) Key Dates**

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	3.88	235.52	2.00

**Disbursement Graph**



**Key Decisions Regarding Implementation**

The first year of the project will be critical to ensuring smooth implementation progress. Substantial effort was made during the preparation period to ensure that activities can immediately start upon effectiveness. This is evidenced by the large number of commitments already established. Some critical next steps will need to be monitored closely. The following key targets to be monitored and achieved by the next mission (tentatively May/June 2014) include the following:

1. PLGC works should be near completion and providing design discharges to the system
2. Rohini dam and command area nearly completed
3. Survey and design consultancies will have delivered the design memorandum and near to completion of draft surveys for the remaining works packages
4. Sufficient ID staffing in place for on-going works and consultancies
5. M&E consultancy and third-party construction supervision in place and consultants mobilized
6. Adequate social safeguard staff in PACT
7. Flood forecasting consultancy near completion of procurement process
8. First real-time canal monitoring bid completed

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9. Clearances for PIM Manual and NGO TOR so that UPID may initiate the WUA election process in earnest
  10. River basin assessment consultancy procurement completed
  11. FAO contract in place and farmer water school trainers mobilized in advance of the upcoming kharif
  12. Service provider TOR issued (for agriculture staffing enhancements in the field)
  13. Agriculture demonstrations preparation advanced for upcoming kharif
  14. Fund flows allocation to line departments not delayed for upcoming budget cycle

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### **Restructuring History**

There has been no restructuring to date.

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### **Related Projects**

There are no related projects.