



Atal Bhujal Yojana (Abhy)-National Groundwater Management Improvement (P158119)

SOUTH ASIA | India | Water Global Practice | Requesting Unit: SACIN | Responsible Unit: SSAW1
 IBRD/IDA | Program-for-Results Financing | FY 2018 | Team Leader(s): Satya Priya LNU, Abedalrazq F. Khalil

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Program Development Objectives

Program Development Objective (from Program Appraisal Document)

The PDO is to improve the management of groundwater resources in the selected States.

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	☐ Moderately Satisfactory	☐ Moderately Satisfactory
Overall Implementation Progress (IP)	☐ Moderately Satisfactory	☐ Moderately Satisfactory

Implementation Status and Key Decisions

The implementation of the Atal Bhujal Yojana - National Groundwater Management Improvement Program has accelerated with the subsiding of the Covid-19 pandemic situation. The National Program Management Unit is fully functional with the support of the National Technical Support Agency. The program has a functional MIS, dashboard and Web portal with all key documents publicly disclosed (<https://www.ataljal.in/>). All participating States have functional State and District Project Management Units.

Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P158119	IBRD-88740	Effective	USD	450.00	420.00	30.00	56.16	363.84	13%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P158119	IBRD-88740	Effective	05-Jun-2018	17-Feb-2020	24-Mar-2020	29-Sep-2023	28-Sep-2025

DLI Disbursement

DLI ID	DLI Type	Description	Coc	DLI Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for DLI
Loan: IBRD88740-001							



1	Regular	DLI1 Arrest in Rt of Decline of Grndwat	USD	50,000,000.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #ccc;"></div>	
2	Regular	DLI2 Community led Wat Sec Plans	USD	75,000,000.00	Partially Achieved	44,300,000.00	<div style="width: 59%; height: 10px; background-color: #2e8b57;"></div>	59 %
3	Regular	DLI3 Pub Finan allctd Water Sec Plans	USD	70,000,000.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #ccc;"></div>	
4	Regular	DLI4 Area with Red in Water Consump	USD	173,875,000.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #ccc;"></div>	
5	Regular	DLI5 Impr Grdwat Moni Discl Grdwat Data	USD	50,000,000.00	Partially Achieved	10,734,375.00	<div style="width: 21%; height: 10px; background-color: #2e8b57;"></div>	21 %

Program Action Plan

Action Description	The Program Guidelines finalized including mandating the use of PFMS/EAT, the Program internal and external audit arrangements with ToRs and annual procurement performance review for agreed sample of contracts to ensure compliance.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		MoWR, RD & GR	Due Date	23-Jun-2020	Completed
Completion Measurement	Final Program Guidelines notified.				
Comments	The MoJS issued the Program Guidelines in March 2020. This being a living document, NPMU, in consultation with the Bank, has made minor modifications based on the states' feedback; vide NPMU communication to States dated July 28, 2021.				

Action Description	Program Fiduciary Manual for all Participating States prepared covering regulatory and procedural processes, controls, delegation of powers and reporting requirements, internal and external audit, including procurement review and fiduciary framework				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		MoWR, RD & GR	Due Date	23-Jun-2020	Completed
Completion Measurement	Fiduciary Manual notified by the participating states.				
Comments	National and all seven State Fiduciary Manuals have been finalized and published in the MoJS's website.				

Action Description	Annual progress report prepared, including Program environmental management at the state level (procedures for environmental screening for siting and selection of proposed investments and monitoring of environmental impacts, results of environmental)				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		Participating States	Recurrent	Yearly	In Progress
Completion Measurement	Annual Progress Report submitted				
Comments	NPMU has shared an interim report on Program Environmental Management for Bank's review. The Cumulative Impact Assessment Report for UP has been prepared. This report will be shared with all participating States by April 22 to finalize their reports.				



Action Description	Existing complaint and grievance redress and vigilance mechanisms at the state level strengthened to handle complaints related to procurement, FM, fraud and corruption issues, and social management under the Program; information on complaints receive				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		MoWR, RD & GR and participating States	Recurrent	Continuous	In Progress
Completion Measurement	Functional integrated GRM system				
Comments	GRM is operational and MIS is used for Program implementation including social management. The Fiduciary manual published and anti-corruption guidelines of the Bank is followed for Program implementation.				

Action Description	Mobilize an MIS for procurement and contract management				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		MoWR, RD & GR and participating States	Recurrent	Continuous	In Progress
Completion Measurement	Functional MIS				
Comments	The MIS has 6 key modules. Procurement and CM module for MIS is functional and is accessible on the Atal Jal site at http://ataljal.in . Procurement and CM data update for MIS and subsequent access is in progress.				

Action Description	Citizen feedback systems and disclosure protocols developed and institutionalized for communities, particularly female/vulnerable/marginalized populations				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		MoWR, RD & GR and participating States	Recurrent	Continuous	In Progress
Completion Measurement	Citizen feedback systems to be institutionalized				
Comments	Citizen feedback systems and disclosure protocols are developed and institutionalized for communities, particularly female, vulnerable, and marginalized populations. A robust social management module has been included in the MIS.				

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	□ Low	□ Low



Macroeconomic	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Sector Strategies and Policies	--	<input type="checkbox"/> High	<input type="checkbox"/> High
Technical Design of Project or Program	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Institutional Capacity for Implementation and Sustainability	--	<input type="checkbox"/> High	<input type="checkbox"/> High
Fiduciary	--	<input type="checkbox"/> High	<input type="checkbox"/> High
Environment and Social	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Stakeholders	--	<input type="checkbox"/> High	<input type="checkbox"/> High
Other	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Overall	--	<input type="checkbox"/> High	<input type="checkbox"/> High

Results

PDO Indicators by Objectives / Outcomes

Improved planning and implementation of groundwater management interventions				
▶ Blocks with arrest in the rate of decline of groundwater levels (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments				
▶ GPs with Community-led WSPs prepared and approved (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,215.00	2,215.00	3,750.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments				
▶ Direct Program beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	15,000,000.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments				
□ Direct Program Beneficiaries(of which women) (Number (Thousand), Custom Breakdown)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	7,210.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
► GPs which have adopted participatory groundwater management (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,215.00	2,215.00	2,000.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments				
► Area with reduction in water consumption (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	200,000.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments				
Strengthened institutional framework and effective groundwater data monitoring and disclosure				
► States with improved groundwater monitoring and disclosure of groundwater data (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	7.00	7.00	7.00
Date	20-Apr-2020	13-Sep-2021	09-Jun-2022	28-Sep-2025
Comments	As per the verified results of first TPGVA.			

Intermediate Results Indicators by Results Areas

Improved Planning and Implementation of groundwater management interventions				
► Blocks that show reduction in stage of groundwater development (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	75.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments				
► GP-level water budgets completed (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,215.00	2,215.00	2,500.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments	369 GP level water budgets completed, and being reviewed by NPMU			
► People benefitting from demand-side measures (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10,000,000.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments				
<input type="checkbox"/> People benefitting from demand-side measures(of which women) (Number (Thousand), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4,810.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
► WUAs or other village-level committees established and functioning (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	35.00	2,215.00	2,215.00	2,000.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments	200 WUA are functioning based on preliminary information provided by the States. Field verification by the DIPs is underway.			
► Women's representation in WUAs or other village-level water committees (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	40.00	20.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments				
► Women in decision-making roles within WUAs (President, Vice President, Secretary, and Treasurer) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	20.00	15.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025



Comments				
▶ Wells with functioning meters for monitoring groundwater level (observation wells), volumetric water use, or energy use (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,616.00	2,616.00	50,000.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments As per the verified results of the first TPGVA.				
▶ Area provided with new/improved irrigation or drainage services (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	160,000.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments				

Strengthened institutional framework and effective groundwater data monitoring and disclosure				
▶ Blocks with online groundwater quality and water-level monitoring reports made publicly available (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	27.00	27.00	150.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments As per the verified results of the first TPGVA.				
▶ State-level accredited groundwater quality lab (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2.00	0.00	0.00	7.00
Date	20-Apr-2020	25-Mar-2022	09-Jun-2022	28-Sep-2025
Comments				

Disbursement Linked Indicators

▶ DLI 1 Arrest in the decline of groundwater levels (# Blocks) (Output, 50,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	2024-25
Value	0.00	0.00	0.00	100.00



Date	--	25-Mar-2022	09-Jun-2022	--
Comments				

► DLI 2 Community-led Water Security Plans prepared (# GPs) (Output, 75,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	2024-25
Value	0.00	2,215.00	2,215.00	0.00
Date	--	25-Mar-2022	09-Jun-2022	--
Comments				

► DLI 3 Public financing allocated to approved Water Security Plans (US\$) (Output, 70,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	2024-25
Value	0.00	0.00	0.00	0.00
Date	--	25-Mar-2022	09-Jun-2022	--
Comments				

► DLI 4 Area with reduction in water consumption (# Hectares) (Output, 173,875,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	2024-25
Value	0.00	0.00	0.00	107,750.00
Date	--	25-Mar-2022	09-Jun-2022	--
Comments				

► DLI 5 Improved groundwater monitoring and disclosure of groundwater data (index) (Output, 50,000,000.00, 21%)				
	Baseline	Actual (Previous)	Actual (Current)	2024-25
Value	0.00	10,734,375.00	10,734,375.00	1,600.00
Date	--	25-Mar-2022	09-Jun-2022	--
Comments				