



National Hydrology Project (P152698)

SOUTH ASIA | India | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2017 | Seq No: 15 | ARCHIVED on 29-Mar-2024 | ISR58759 |

Implementing Agencies: Department of Water Resources, RD & GR, Ministry of Jal Shakti, Ministry of Finance, Department of Economic Affairs

Key Dates**Key Project Dates**

Bank Approval Date: 15-Mar-2017

Effectiveness Date: 05-May-2017

Planned Mid Term Review Date: 10-Dec-2019

Actual Mid-Term Review Date: 22-Oct-2019

Original Closing Date: 31-Mar-2025

Revised Closing Date: 31-Mar-2025

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The proposed Project Development Objective (PDO) is to improve the extent, quality, and accessibility of water resources information and to strengthen the capacity of targeted water resources management institutions in India.

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

No

Components Table

Name

Water Resources Monitoring System:(Cost \$180.00 M)
Water Resources Information Systems:(Cost \$45.00 M)
Water Resources Operations and Planning System:(Cost \$40.00 M)
Institutional Capacity Enhancement:(Cost \$54.56 M)
Front End Fee:(Cost \$0.44 M)

Overall Ratings

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

Implementation Status and Key Decisions

The project is steadily progressing towards the achievement of its objectives. Out of 1,10,611 number of hydro-met stations configured in the WIMS about 82,028 number of stations have started sharing water resources data. These stations include both manual and real time sensor based data. Real time data amount to 21,288 stations out of which 5,954 stations are supported through non-NHP systems. The project has completed the procurement of 22,670 real time data acquisition system (RTDAS) out of which 19,000 are in operation. All Implementing Agencies are now integrating their data with the National Water Information Management System (WIMS). The development of knowledge products has progressed well and hybrid trainings and webinars continued to strengthen the professional capacity across implementing agencies covering multiple topics including Hydromet and hydrological modelling.



Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Project Development Objective Indicators				
▶ Water resources monitoring stations operated by implementing agencies providing validated data online (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	7,480.00	9,766.00	7,630.00
Date	16-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025
□ Surface water stations (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,085.00	1,490.00	1,560.00
Date	16-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025



<input type="checkbox"/> Groundwater stations (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4,732.00	6,440.00	4,690.00
Date	16-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025
<input type="checkbox"/> Meteorology stations (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,663.00	1,863.00	1,380.00
Date	16-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025
<input checked="" type="checkbox"/> Information products produced under the project made available to the relevant stakeholders (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	23.00	23.00	45.00
Date	16-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025
Comments:	Some important products include : On IndiaWRS, at national level :: 1. Real time reservoir information system 2. Moisture status 3. Satellite based surface water body assessment system At State level 1. Flood forecasting system in BBMB revamped at HECRTS			
<input checked="" type="checkbox"/> Water Resources Institutions achieving benchmark performance levels (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	11.00	17.00	15.00
Date	16-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025

Intermediate Results Indicators by Components

Intermediate Results Indicators				
<input checked="" type="checkbox"/> Water data centers functioning satisfactorily (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	13.00	25.00	20.00



Date	16-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025
▶ Water resources monitoring stations along with historical data standardized and integrated with the national platform (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	102,876.00	102,876.00	70,000.00
Date	15-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025
▶ WRIS users satisfied with the services (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	84.00	84.00	50.00
Date	16-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025
▶ Page views to access the information at WRIS (Number (Thousand), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	400.00	733.00	800.00	900.00
Date	16-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025
▶ Water resources applications developed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9.00	9.00	15.00
Date	16-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025
▶ Advanced flood forecasting systems developed for river basins (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	7.00
Date	16-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025
▶ Targeted professionals trained (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,683.00	1,833.00	2,000.00
Date	16-Mar-2017	30-Jun-2023	29-Feb-2024	31-Mar-2025



Performance-Based Conditions

Data on Financial Performance

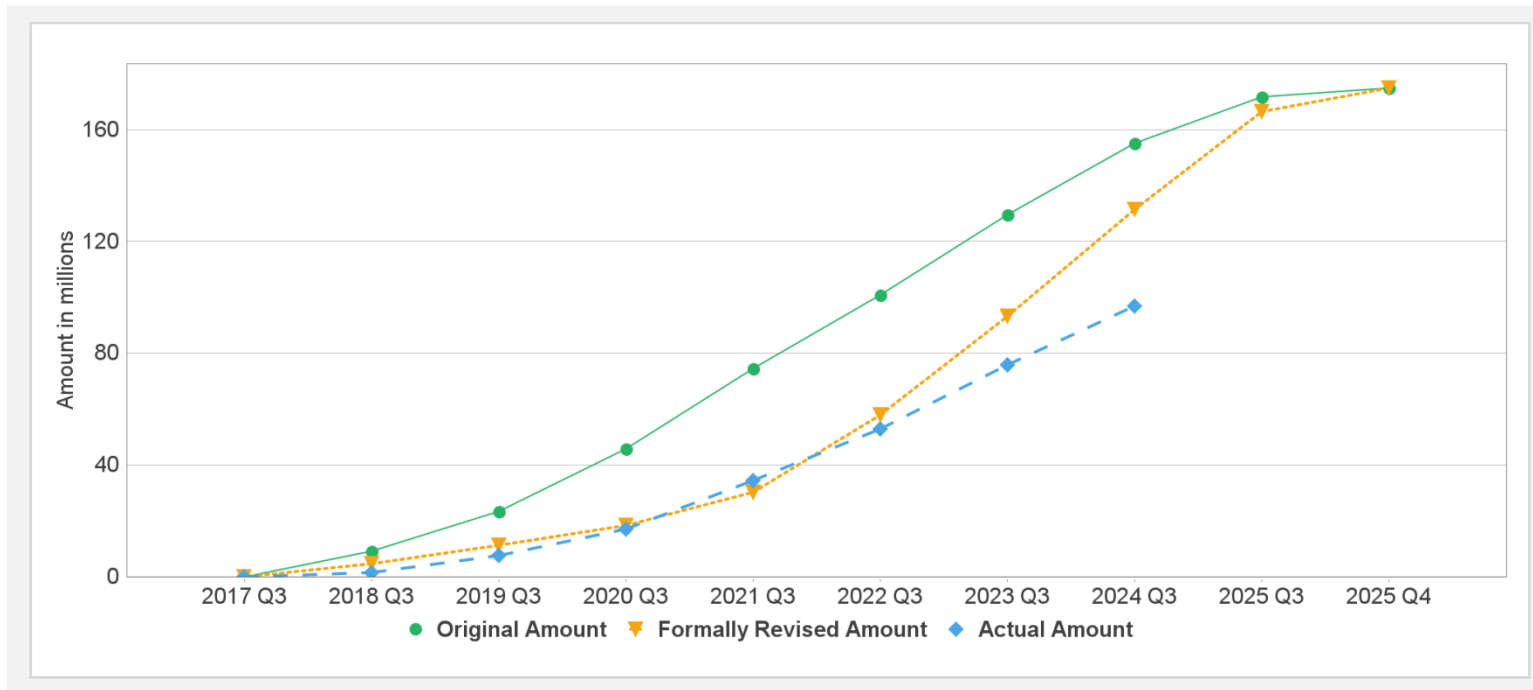
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P152698	IBRD-87250	Effective	USD	175.00	160.00	15.00	97.22	62.78	61%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P152698	IBRD-87250	Effective	15-Mar-2017	18-Apr-2017	05-May-2017	31-Mar-2025	31-Mar-2025

Cumulative Disbursements



Restructuring History

Level 2 Approved on 31-Aug-2021

Related Project(s)



There are no related projects.
