



Ayeyarwady Integrated River Basin Management Project (P146482)

EAST ASIA AND PACIFIC | Myanmar | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 3 | ARCHIVED on 06-Apr-2016 | ISR23102 |

Implementing Agencies: Directorate of Water Resources and Improvement of River Systems, Ministry of Transport

Key Dates

Key Project Dates

Bank Approval Date:09-Dec-2014

Effectiveness Date:10-Jun-2015

Planned Mid Term Review Date:01-Jun-2017

Actual Mid-Term Review Date:--

Original Closing Date:30-Sep-2020

Revised Closing Date:30-Sep-2020

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The program development objective for the Series of Projects (of which the AIRBM will be the first) is to strengthen integrated, climate resilient management and development of the Ayeyarwady River Basin and national water resources. The project development objective of the AIRBM is to contribute to the development of integrated river basin management on the Ayeyarwady river.

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

No

Components

Name

Component 1: Water Resource Management Institutions, Decision Support Systems & Capacity Building:(Cost \$32.00 M)

Component 2. Hydro-meteorological Observation and Information Systems Modernization:(Cost \$30.15 M)

Component 3. Navigation Enhancement on the Ayeyarwady River:(Cost \$37.85 M)

Component 4. Contingent Emergency Response

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Moderately Unsatisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Unsatisfactory	● Moderately Satisfactory
Overall Risk Rating	● High	● High



Implementation Status and Key Decisions

There has been a gradual but positive trend toward the achievement of project's development objective: contributing to the development of integrated river basin management on the Ayeyarwady River. The most significant activities include:

Component 1: The State of the Ayeyarwady Basin Report work has started, and the stakeholder consultation process has been initiated.

Component 2: The Department of Meteorology and Hydrology (DMH) System Integrator consultancy procurement process has started. DMH is enhancing its numerical weather modelling and agricultural advisory capacity, and will undertake a hydro-meteorological institutional review.

Component 3: Small and temporary navigation enhancements in Nyaung Oo and Pakokku (Micro Projects) started. The Directorate of Water Resources and Improvement of River Systems successfully incorporated World Bank Environmental and Social Safeguard Policies for the first time in its operations in the Micro projects



Risks

Systematic Operations Risk-rating Tool

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

**Results****Project Development Objective Indicators****► Component 1: River Basin Master Plan (Yes/No, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	09-Dec-2014	06-Oct-2015	25-Mar-2016	31-Mar-2020

► Component 1: Preparation of Feasibility Studies (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	09-Dec-2014	05-Oct-2015	25-Mar-2016	31-Mar-2020

► Component 2: Hydro-Met Stations Functioning per SOP (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	90.00
Date	09-Dec-2014	05-Oct-2015	25-Mar-2016	31-Mar-2020

► Component 2: Hydro-Met Products (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	3.00
Date	09-Dec-2014	--	25-Mar-2016	31-Mar-2020

► Component 3: Navigation Improvements (Percentage, Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	90.00
Date	09-Dec-2014	05-Oct-2015	25-Mar-2016	31-Mar-2020

Overall Comments

Intermediate Results Indicators

▶ Component 1: River Basin Master Plan - Phase 1 Report (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	--	Y
Date	09-Dec-2014	--	25-Mar-2016	31-Dec-2017

▶ Component 2: Hydromet System Design (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	09-Dec-2014	--	25-Mar-2016	31-Dec-2017

▶ Component 3: Navigation Detailed Design (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	09-Dec-2014	--	25-Mar-2015	31-Dec-2017



► Component 1: Decision Support System (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	09-Dec-2014	--	25-Mar-2016	31-Mar-2020

► Component 2: Hydromet Stations Upgraded (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100.00
Date	09-Dec-2014	--	25-Mar-2016	31-Mar-2020

► Component 2: Hydromet System Financial Sustainability (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	90.00
Date	09-Dec-2014	--	25-Mar-2016	31-Mar-2020

► Component 3: River works construction (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	09-Dec-2014	31-Mar-2015	25-Mar-2016	31-Mar-2020



► Capacity building and gender (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	500.00
Date	09-Dec-2014	27-Mar-2015	25-Mar-2016	31-Mar-2020

▲ Capacity building - percentage of participants female (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	40.00

Overall Comments

- There has been a gradual but positive trend toward the achievement of the AIRBM PDO: contributing to the development of integrated river basin management on the Ayeyarwady River. Most of the activities related to PDO indicators are ongoing as presented in the table below. The project results monitoring framework, which contains the project's development objective indicators and intermediate outcome indicators, will be reviewed at end of every year and adjusted as necessary during the mid-term review of the project.

Table 1: Status of PDO and Intermediate Indicators

Component 1: River Basin Master Plan: State of the Ayeyarwady Basin Work Initiated

Component 1: Preparation Studies: Potential projects to be identified under Ayeyarwady Delta Plan

Component 2: Hydro-met stations functioning with Standard Operating Procedures-SOP (%) : DMH System Integrator Shortlisting ongoing

Component 2: Hydro Met products (number): Agro-Climate Advisory Services work initiated.

Component 3: Navigation Improvements (percentage): Micro Projects Initiated, Subproject 1 and Stretch 1 Activities Initiated

Data on Financial Performance

Disbursements (by loan)

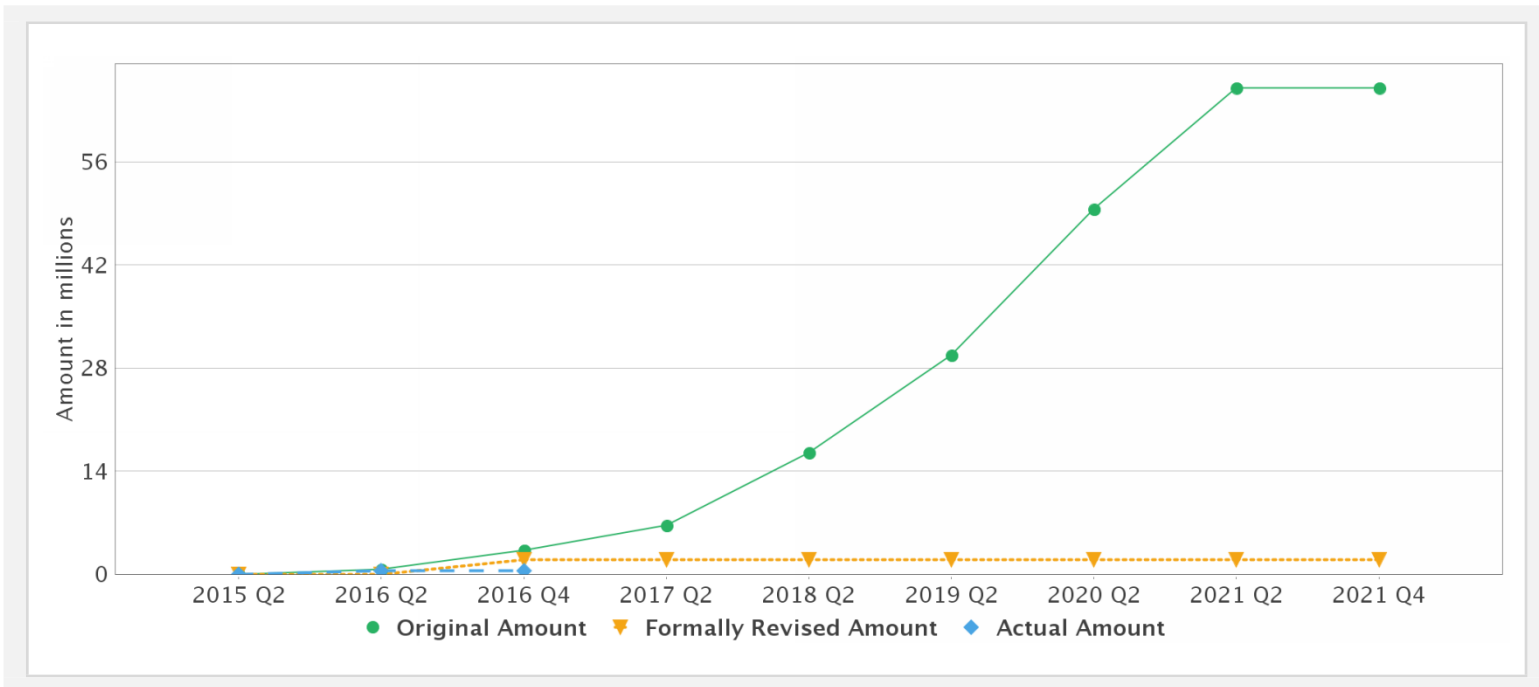
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P146482	IDA-55590	Effective	XDR	67.50	67.50	0.00	0.44	67.06	1%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P146482	IDA-55590	Effective	09-Dec-2014	03-Apr-2015	10-Jun-2015	30-Sep-2020	30-Sep-2020



Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.