



## IN: BIHAR KOSI BASIN DEVELOPMENT PROJECT (P127725)

SOUTH ASIA | India | Social, Urban, Rural and Resilience Global Practice Global Practice |  
IBRD/IDA | Specific Investment Loan | FY 2016 | Seq No: 1 | ARCHIVED on 30-Mar-2016 | ISR23012 |

Implementing Agencies: Bihar Apada Punarwas Evam Punarnirman Society (BAPEPS)

## Key Dates

### Key Project Dates

Bank Approval Date:08-Dec-2015

Effectiveness Date:17-Mar-2016

Planned Mid Term Review Date:18-Feb-2021

Actual Mid-Term Review Date:--

Original Closing Date:31-Mar-2023

Revised Closing Date:31-Mar-2023

## Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to enhance resilience to floods and increase agricultural production and productivity in the targeted districts in the Kosi River Basin, and to enhance Bihar's capacity to respond promptly and effectively to an eligible crisis or emergency.

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

No

## Components

Name

Improving Flood Risk Management:(Cost \$100.00 M)

Enhancing Agricultural Productivity and Competitiveness:(Cost \$76.50 M)

Augmenting Connectivity:(Cost \$173.00 M)

Contingent Emergency Response

Implementation Support:(Cost \$27.00 M)

## Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	--	● Satisfactory
Overall Implementation Progress (IP)	--	● Satisfactory



Overall Risk Rating

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● Substantial

## Implementation Status and Key Decisions

The project is approved by the Bank's Board on December 8, 2015 and got effective on March 17, 2016. Project Implementation has started. Improving Flood Risk Management: A total budget of USD 100 million has been allocated for the subcomponents; Reinforcement of flood control infrastructure (USD 95 Million); Support to strengthen Institutional Capacity to manage flood risks (USD 5 million).

1. Administrative approval for embankment strengthening Package 2-4 was received valued at about \$70 million.
2. DPRs have been prepared and technical details are being worked out
3. For procurement of 2 dredgers specifications have been drafted and clearance has been sought from Inland Waterways Authority.
4. Contract has been awarded for the preparation of the DPR for the Centre of Excellence for Research and Development and design preparation will be complete by June 2016.
5. Bidding document for Real Time Data Acquisition System for Bagmati and Kosi Basin are being prepared

Enhancing Agricultural Productivity and Competitiveness: A total of USD 76.5 million has been allocated to three sub-components; Intensification of Diversification of Agricultural Production Systems (USD 40 million); Strengthening of Agricultural Value Chains (USD 24.5 million) and Institutional Development for market-led Extension (USD 12 million)

6. The HR structure/ personnel to be hired has been prepared by the Department of Agriculture and approved by the executive committee.
7. The Animal Husbandry & Fisheries Resources Department has also prepared staffing plan that needs to be cleared by the executive committee
8. Staff appointments need to be initiated

Augmenting Connectivity: This component includes Roads of value USD 83 million and bridges of value USD 90 million.

9. Of the total of 25 packages under the Roads sub-component Technical Evaluation Reports (TER) have been submitted for 13 packages, Combined Evaluation Reports (CER) were submitted for 7 of which No Objection has been given for 4 packages, and for 3 packages CERs are under modification. 5 packages are to be retendered.
10. Out of the total of 41 packages under the Bridges sub-component the CER for all packages has been prepared, work has been awarded in 22 packages and retendering is under progress in 19 packages.

## Risks

### Systematic Operations Risk-rating Tool

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



Environment and Social	● Substantial	--	● Substantial
Stakeholders	● Moderate	--	● Moderate
Other	--	--	--
Overall	● Substantial	--	● Substantial

## Results

### Project Development Objective Indicators

#### ► Area protected by improved flood protection measures (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	4500.00
Date	30-Jun-2015	--	--	30-Sep-2022

#### ► Increased access of the population, to markets by roads and bridges in good and fair condition by 20 percent (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	100.00	--	--	120.00
Date	30-Jun-2015	--	--	30-Sep-2022

#### ▲ Of which female farmers/excluded farmers (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	50.00	--	--	60.00

#### ► Increase in cropping intensity by 40 percent (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	100.00	--	--	140.00



Date	30-Jun-2015	--	--	30-Sep-2022
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► Increase in average agricultural yields in the project area by 30 percent (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	100.00	--	--	130.00
Date	30-Jun-2015	--	--	30-Sep-2022

Overall Comments

**Intermediate Results Indicators**

► Clients who have adopted an improved agr. technology promoted by the project (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	31000.00
Date	30-Jun-2015	--	--	30-Sep-2022

▲ Clients who adopted an improved agr. technology promoted by project – female (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	2000.00
Date	30-Jun-2015	--	--	30-Sep-2022



## ▶ Km of embankment strengthened (Kilometers, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	45.00
Date	30-Jun-2015	--	--	30-Sep-2022

## ▲ Female FIG members (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2.00	--	--	10.00

## ▶ Direct project beneficiaries (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	10.00
Date	30-Jun-2015	--	--	30-Sep-2022

## ▲ Female beneficiaries (Percentage, Core Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	46.00	--	--	46.00



► Share of rural population, women farmers and socially excluded farmers, with access to an all-season road (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	25.00
Date	30-Jun-2015	--	--	30-Sep-2022

► WRD staff trained to use flood management technologies (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	200.00
Date	30-Jun-2015	--	--	30-Sep-2022

► Farmers organized in FIGs (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.00	--	--	35.00
Date	30-Jun-2015	--	--	30-Sep-2022

► Area provided with irrigation and drainage services (ha) (Hectare(Ha), Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	68000.00
Date	30-Jun-2015	--	--	30-Sep-2022



▲ Area provided with irrigation and drainage services - Improved (ha) (Hectare(Ha), Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	34000.00
Date	30-Jun-2015	--	--	30-Sep-2022

▷ Area provided with irrigation and drainage services-New Irrigation Area (Hectare(Ha), Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	34000.00
Date	30-Jun-2015	--	--	30-Sep-2022

▶ Water users provided with new/improved irrigation and drainage services (number) (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	122500.00
Date	30-Jun-2015	--	--	30-Sep-2022

▲ Water users provided with irrigation and drainage services - female (number) (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	75000.00
Date	30-Jun-2015	--	--	30-Sep-2022



► People with access to linking roads and bridges in good and fair condition (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	7000000.00
Date	30-Jun-2015	--	--	30-Sep-2022

► Roads constructed, Rural (Kilometers, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	400.00
Date	30-Jun-2015	--	--	30-Sep-2022

► New bridges constructed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	--	58.00
Date	30-Jun-2015	--	--	30-Sep-2022

Overall Comments

**Data on Financial Performance**

**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P127725	IDA-56960	Effective	USD	250.00	250.00	0.00	0.00	250.00	0%

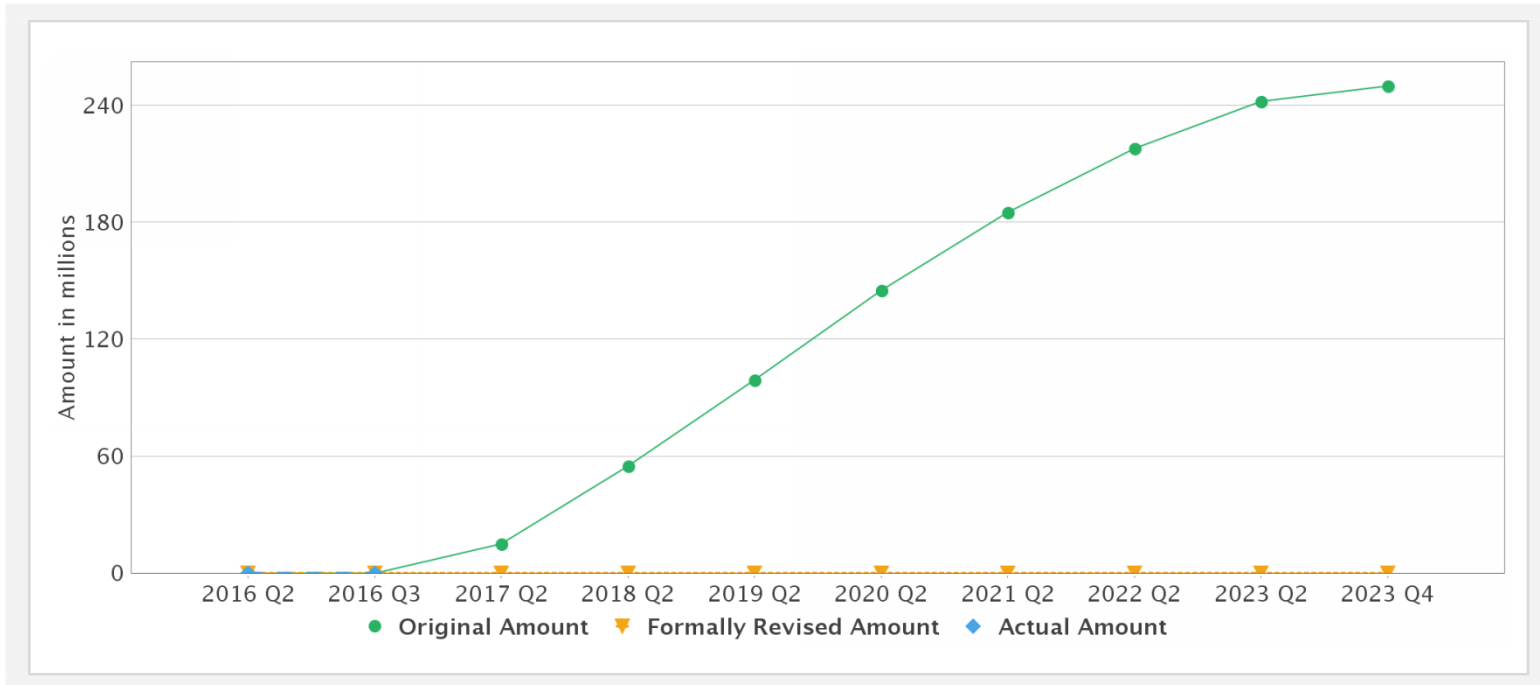
**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P127725	IDA-56960	Effective	08-Dec-2015	20-Jan-2016	17-Mar-2016	31-Mar-2023	31-Mar-2023





## Cumulative Disbursements



## Restructuring History

There has been no restructuring to date.

## Related Project(s)

There are no related projects.