Early Warning System

ADB-52153-001

Ara Canal Water Productivity Improvement Project

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Quick Facts

Countries	India
Specific Location	Bihar
Financial Institutions	Asian Development Bank (ADB)
Status	Proposed
Bank Risk Rating	A
Borrower	Government of India
Sectors	Agriculture and Forestry, Infrastructure, Technical Cooperation, Water and Sanitation
Investment Type(s)	Loan
Investment Amount (USD)	$ 352.00 million
Loan Amount (USD)	$ 352.00 million

Project Description

According to the bank website, "the project will provide solutions to two key constraints of the Ara main canal system performance including (1) irrigation and drainage infrastructure cannot support current needs, and (2) management and operation of the main system do not respond to farmers' needs. The project will also provide agriculture and marketing support services to help farmers maximizing project benefits. Targeted interventions will ensure that women engaged in agriculture equally benefits from the project.

The project will introduce both technical and institutional innovations. Technical innovations will include: (1) provision of supervisory control and data acquisition system and decision support system for accurate water distribution and canal operations; and (2) development of highly efficient conjunctive surface and groundwater distribution systems which may be equipped with a pre-paid SIM card meter system for water fee collection. The conjunctive surface and groundwater systems will allow farmers to either pump from surface canal water or groundwater depending on availability. It will help adapt to future reduction of surface water availability due to climate change.

On the institutional side, the project will introduce the design build operate (DBO) contracting modality for the design, construction and operation of the conjunctive surface and groundwater distribution systems. The DBO approach brings answers to critical lessons learned from past irrigation projects.

Investment Description

- Asian Development Bank (ADB)

Contact Information

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ACCOUNTABILITY MECHANISM OF ADB

The Accountability Mechanism is an independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an Asian Development Bank-financed project. If you submit a complaint to the Accountability Mechanism, they may investigate to assess whether the Asian Development Bank is following its own policies and procedures for preventing harm to people or the environment. You can learn more about the Accountability Mechanism and how to file a complaint at: http://www.adb.org/site/accountability-mechanism/main

Bank Documents

- Ara Canal Water Productivity Improvement Project: Initial Poverty and Social Analysis [Original Source]
- Project Disclosure PDF [Original Source]

Other Related Projects

- ADB-52153-002 Preparing for the Ara Canal Water Productivity Improvement Project