



The World Bank

National Water Resources Management Project Phase 1 (NWRMP-1)

project overview

Presentation outline

- Background
- Current irrigation sector situation
- Project objectives NWRMP-1
- Project overview (components)
- Current implementation state and way forward

Background 1/5

- National Water Resources Management Project – Phase 1 (NWRMP-1)
- Budget US\$ 7.75 million
- Financed by the Swiss Agency for Development and Cooperation, SDC
- Administered by the World Bank.
- Project effective as of April 2015.

- Implementation by Department of Water Resources and Land Improvement (DWRLI) of Ministry of Agriculture and Land Improvement
 - Project Implementation Unit (PIU)

Background 2/5

Project Development Objective of NWRMP-1

- improve water resources management capability and irrigation service delivery for the benefit of water users.

Background 3/5

Four components, financing mostly technical assistance for:

- Strengthening national water management capacity, including establishment of a Water Information System (WIS);
- Improving irrigation service delivery to Water Users Associations;
- Improving irrigation management by Water Users Associations; and
- Project management

Background 4/5

Implementation

- Nationwide
- Covering all river basins
- Government-run off-farm irrigation systems
- FWUAs managed off-farm systems and WUAs

- With localized initiatives to test and develop specific processes and procedures.

Background 5/5

Key indicators for the NWRMP-1 are:

- DWRLI responsible for functions of the State Water Administration, and separate divisions for water resources management (WRM) and irrigation and drainage management (IDM) operating more effectively;
- WUAs supplied with adequate volumes of water by IDM division (for 6 pilot schemes);
- WUAs providing satisfactory levels of service to water users (for rehabilitated WUAs); and
- Area with improved I&D services.

Current irrigation sector situation

Deteriorating irrigation systems

- Maintenance not adequate and systems increasingly at risk of collapse
- Endangering the livelihoods of the rural population dependent on irrigation
- Competition and conflict over water at the on-farm level



Current irrigation sector situation

First improvement steps in previous years

- Management, operation and maintenance (MOM) of on-farm irrigation and drainage (I&D) systems improved
- Formation of Water User Associations (WUAs), managing on-farm systems
- Water Code 2005 and roadmap for implementation 2013

Improvement needs

- Increase MOM efforts on main off-farm systems managed by government
- Reduce the level of competition at the main system level

Project component overview

1. Strengthening national water management capacity
2. Improving irrigation service delivery to Water Users Associations
3. Improving irrigation management by Water Users Associations
4. Project management

Component 1

Strengthening national water management capacity

- focus on enhancing the capacity for IWRM and RBM
- expanding the amount and quality of information available to decision makers at national, basin, and system levels
- and improving basin-level planning and management in all 5 national basins
- based on the principles outlined in the 2005 Water Code

Component 1

This component will

- finance acquisition of computers and network equipment for linking DWRLI offices with a digital information network
- provide support to organizational reform, development of a digital information system (WIS) and development of basin plans
- provide staff training and capacity building to support basin level water resources planning

Component 1

Workplan

- WIS works started mid 2015, expected finish end 2017
- Basin management works will start early 2016
- Equipment procurement process started, expected installation by mid 2016

Component 1

Conclusions and recommendations

- WIS component is on track
- Hiring of international experts has started and needs to be pushed to ensure progress of other activities
- Early stakeholder integration necessary

Component 2

Improving irrigation service delivery to Water Users Associations through improving

- Scheme management
- Record keeping / water accounting
- MOM planning and implementation
- Budgeting and contracting procedures

Component 2

This component will

- finance TA, goods and support at all levels

with a focus on

- A scheme-based performance management
- Computerization of processes
- Working in partnership with WUAs for improving the approach and funding of MOM
- Strengthening communication systems supporting improved management capability

Component 2

Workplan

- International CTA is hired (1st mission complete)
- Hiring of key staff ongoing
- Work is progressing according to workplan
- Bulk of activities planned for 2016

Component 2

Conclusions and recommendations

- Component is on track
- Close supervision of CTA over subcomponents necessary to ensure timely delivery and interaction

Component 3

Improving irrigation management by Water Users Associations

- Strengthening the capacity of WUAs
- Improving the management of on-farm and off-farm systems
- Evaluation of a sample group of 70 WUAs,
- Drawing up plans for inventory / maintenance

Component 3

The component will:

- Assess current WUA practices of management, participation, service level, satisfaction, MOM processes, level of fee recovery, etc.
- Develop respective targeted support interventions
- Strengthen WUA support units (management/maintenance)
- Increase WUA sustainability

Component 3

Workplan

- International CTA for component hired
- Hiring of key staff ongoing
- Subcomponent will run throughout 2016/2017

Component 3

Conclusions and recommendations

- Timely hiring of staff essential
- Timely procurement of contract work essential
- Close coordination with stakeholders necessary

Component 4

Project management

Component 4

The component focuses on

- project coordination
- procurement
- financial management
- M&E

Component 4

Workplan

- Ongoing project management activities throughout project life
- International TL hired
- Most key experts hired

Component 4

Conclusions and recommendations

- Close coordination between subcomponents and stakeholders necessary
- Mid term evaluation planned for October 2016
- Close supervision will ensure delivery within timeframe

Current implementation state & way forward

- PIU is functional
- Staff recruitment is ongoing, needs to be finalized
- Focus interventions are launched
 - WIS
 - WUA survey
- Ensure stakeholder buy in and execution along workplan