The Downward Spiral of the Build-Neglect Rebuild Cycle

Unreliable and/or inadequate irrigation and drainage (I&D) services
Inability to maintain adequate crop production
High risk for high-value crops

Build

Neglect

Producers stuck in low-risk, low return trap
Incomes too low to pay for I&D service fees
Insufficient funds for sustainable management, operation and maintenance of I&D systems

Rebuild

Build

Neglect

Rebuild
The Problem-Driven Action-Learning Planning Approach to Water Services Delivery

Define the problem

Performance Analysis

Users & Needs
Multi Stakeholder Partnerships MSP

Principled Pragmatism

Road Map

Action

Planning
Multiple Perspectives on Functional Performance

Water service-delivery functions
- Irrigation services: Ensure scheduling and delivery of agreed-upon quantity and quality of water to users in a reliable, flexible, and equitable manner
- Drainage services: Ensure the evacuation of excess water to avoid production losses due to negative impacts to soil, such as those caused by flooding
- Other water uses (if applicable): Water supply for the rural residents and livestock

Organizational functions
- Financing
- Management of technical operations and other organizational processes
- Asset management and strategy

Governance functions
- Transparency and customer orientation
- Institutional coherence, accountability, and inclusivity
- Presence of enabling policy and legal framework

Individual producers
Supply chain actors
Irrigation & drainage agencies
Water users’ organizations
Line ministries

Irrigation services:
Ensure scheduling and delivery of agreed-upon quantity and quality of water to users in a reliable, flexible, and equitable manner

Drainage services:
Ensure the evacuation of excess water to avoid production losses due to negative impacts to soil, such as those caused by flooding

Other water uses (if applicable):
Water supply for the rural residents and livestock