

# **Tech-Enabled Governance: Scaling Inclusive and Sustainable Water Ecosystems through the Jal Jeevan Mission in Assam**

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AND SANITATION  
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# Jal Jeevan Mission - Brief Overview

## Vision

**Every Rural household shall have a Functional Household Tap Connection by 2024 with**

**Adequate Quantity**  
*at least 55 lpcd*

**Prescribed Quality**  
*BIS 10500:2012*

**Consistent & Steady supply**  
**at reasonable usage fees**

## Focus Areas

**Sustainable Management of the Water Sources**

**In-village Water Supply Systems with high-standard infrastructure**

**Development of Water Quality Infrastructure:**  
Standardized Labs, R&D, Regular Testing Framework

**Resilient Institutions**

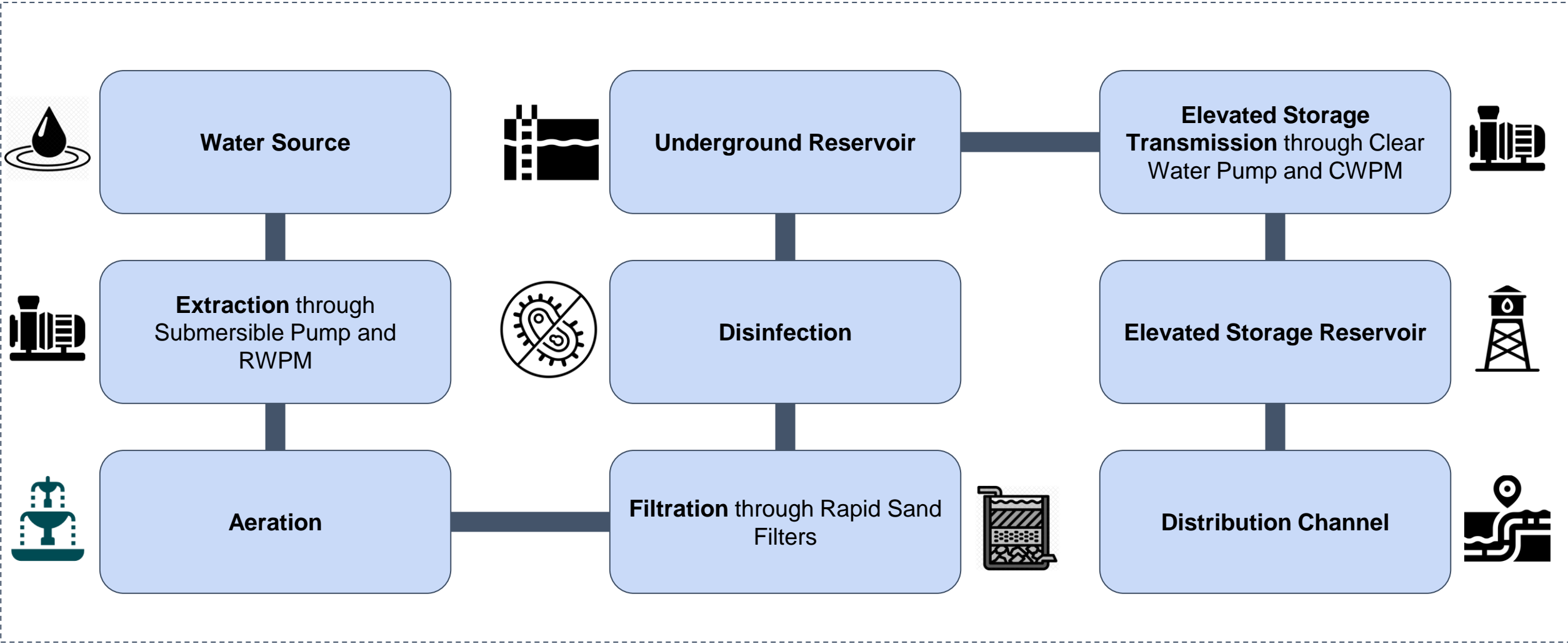
**Community Engagement**

**Capacity Building**

**Incorporation of Technology**

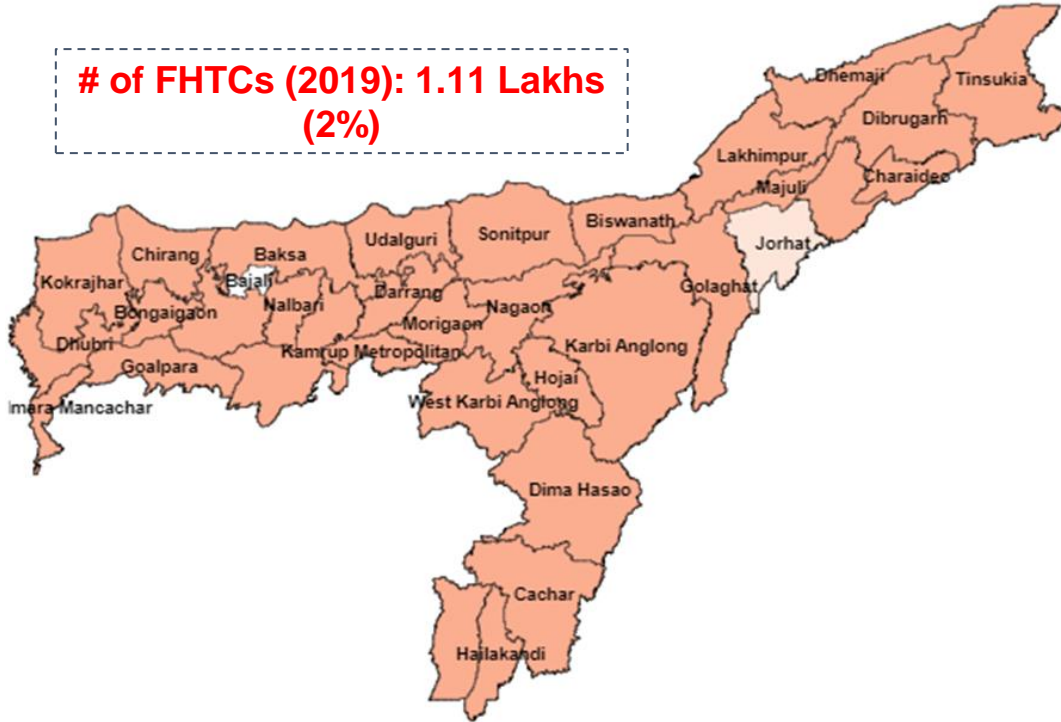
**Grey Water Management**

# Typical JJM Piped Water Supply Scheme (PWSS) Structure

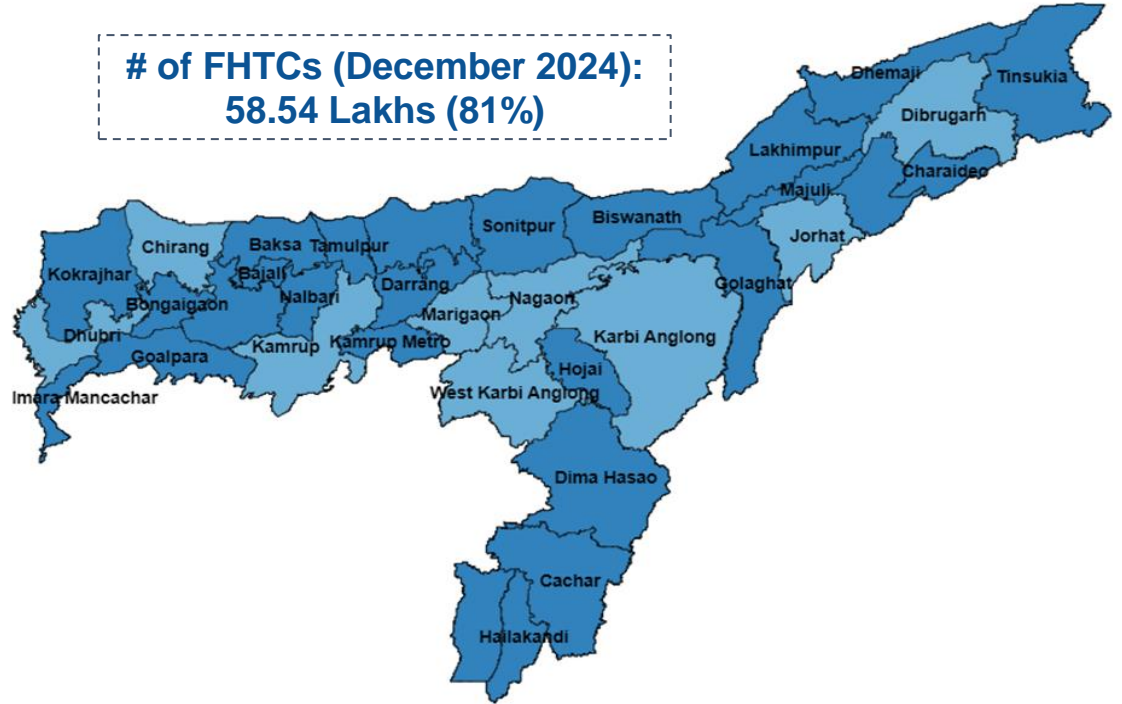


# Jal Jeevan Mission in Assam

# of FHTCs (2019): 1.11 Lakhs  
(2%)



# of FHTCs (December 2024):  
58.54 Lakhs (81%)



Total Number of PWSS: 27,014

Number of WUCs Formed: 25,242

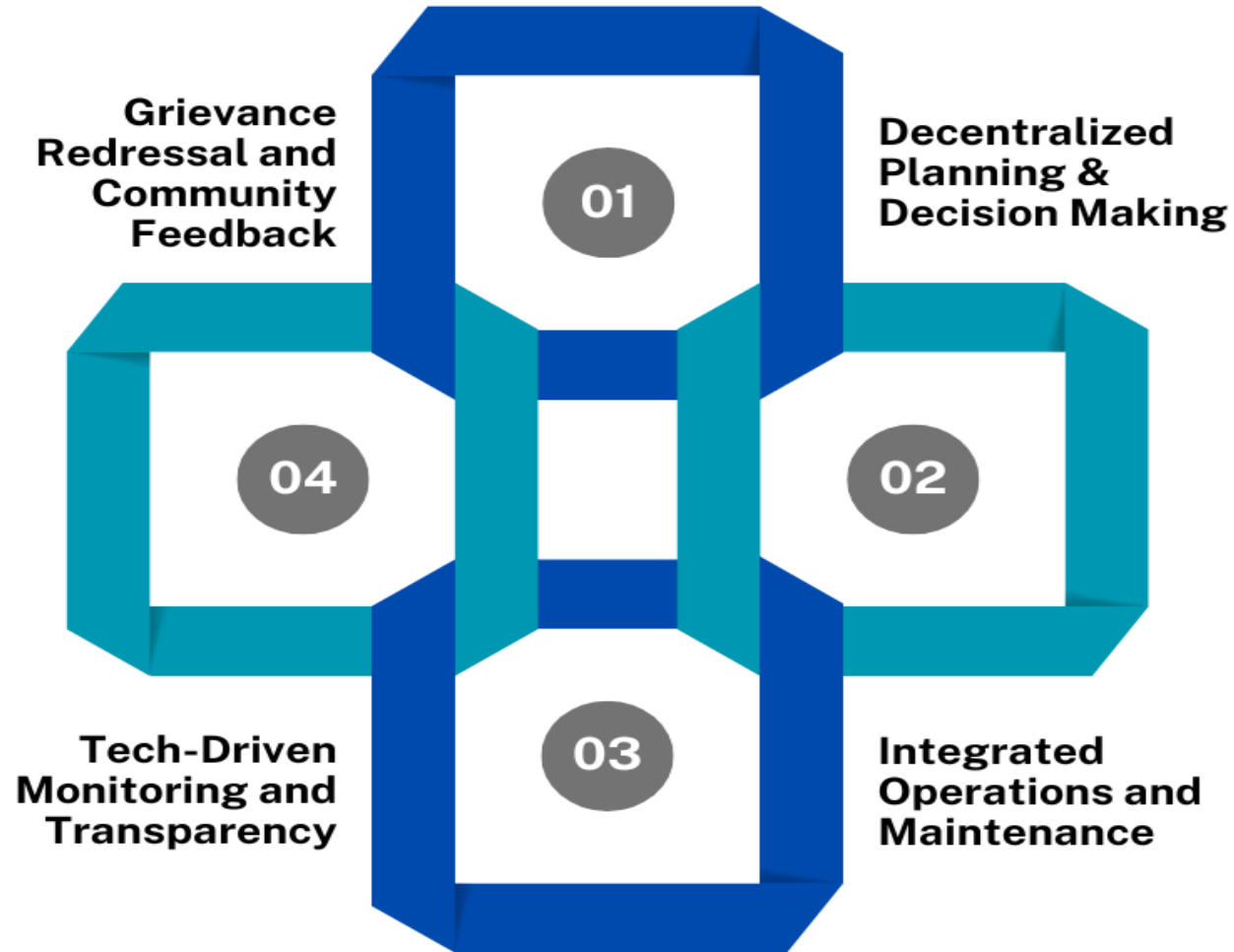
Number of Schemes Completed: 17,092

Schemes Handed-over: 16,078

# JJM Assam's Grassroots Stakeholders

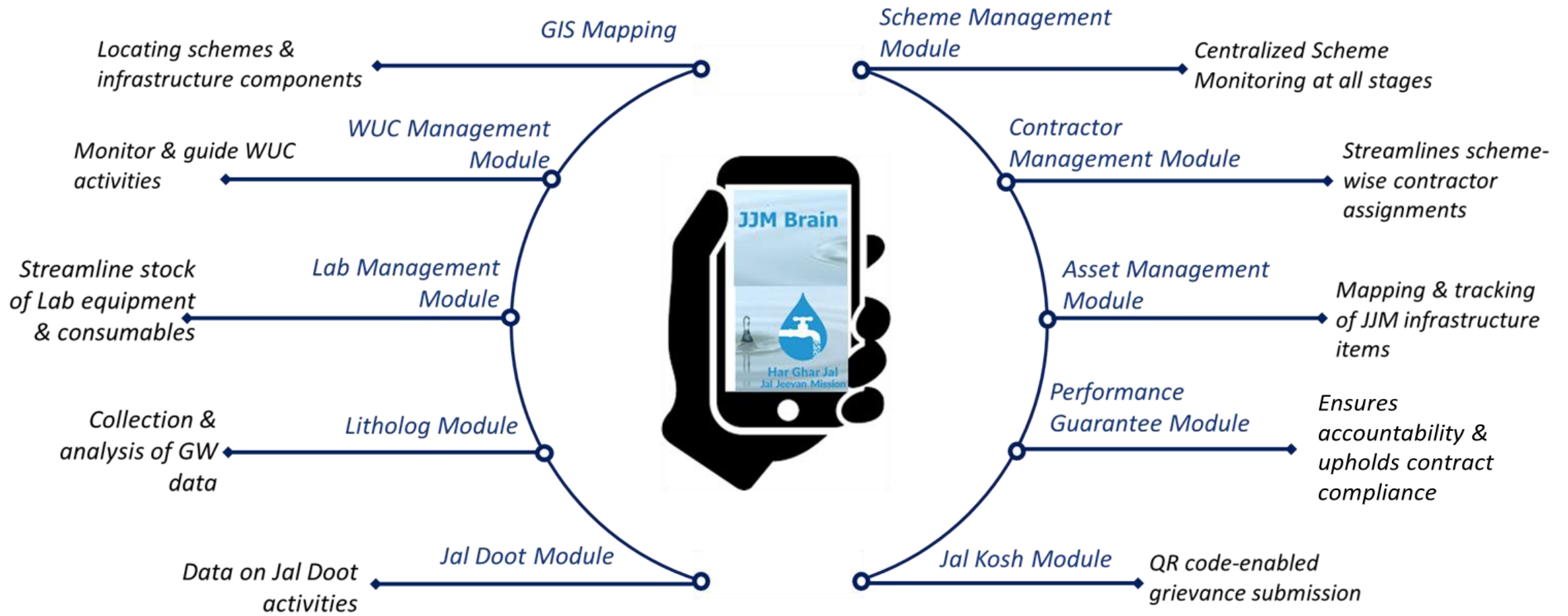


# Envisioning Governance in JJM Assam Ecosystem

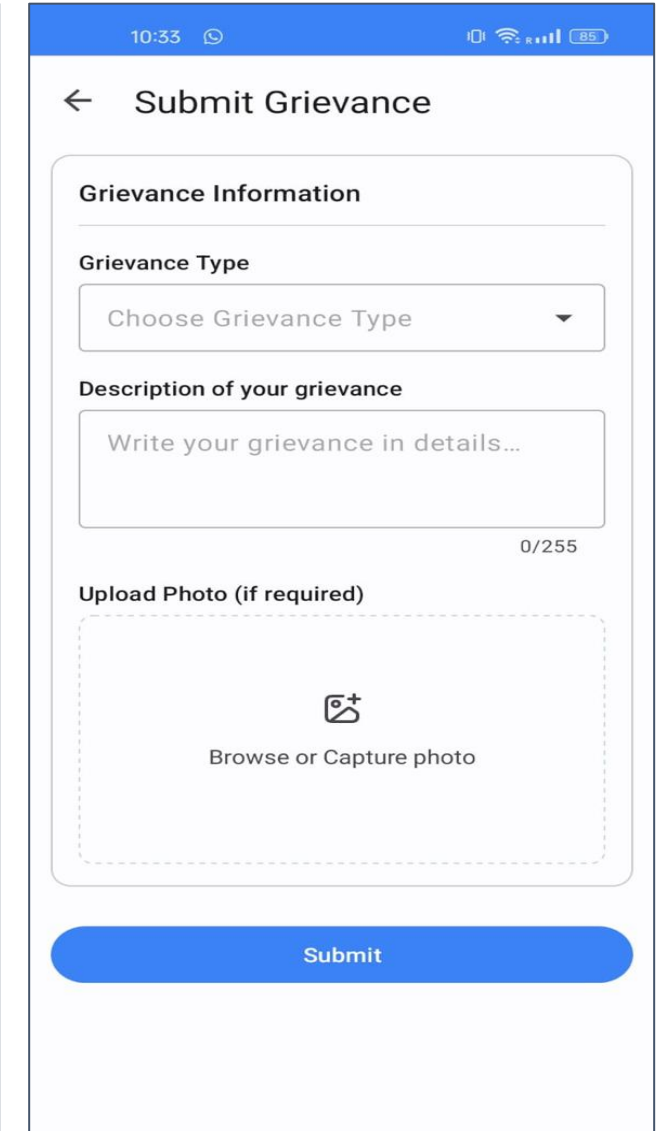
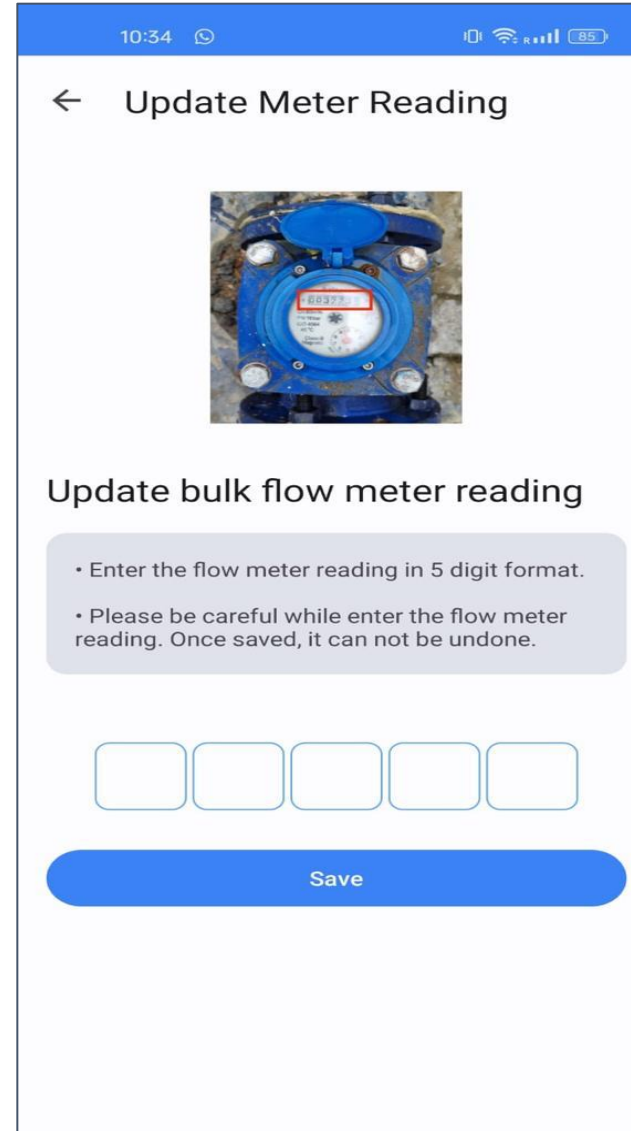
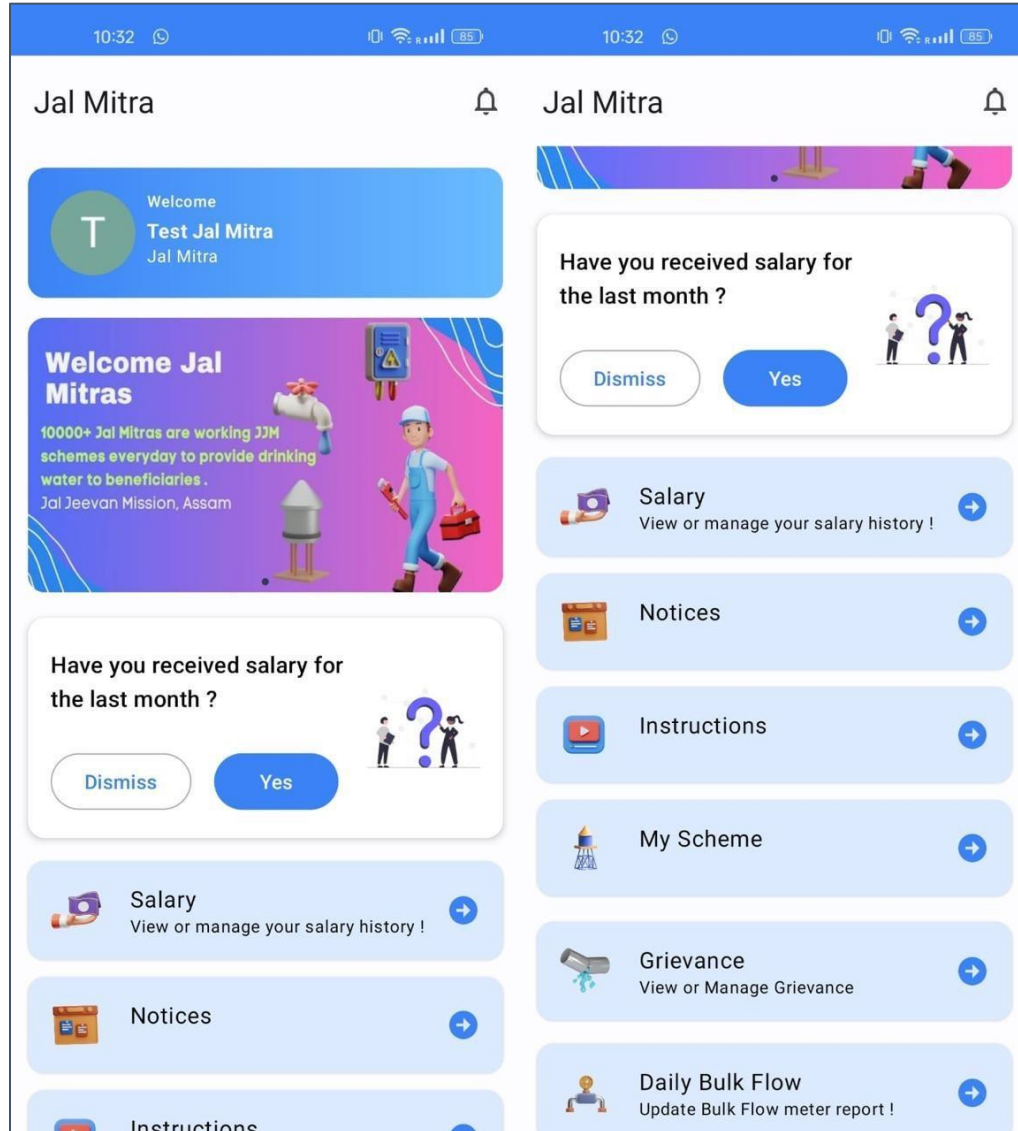


# Technology as an Enabler - JJM BRAIN

Centralized digital platform for monitoring & managing key aspects of a JJM project

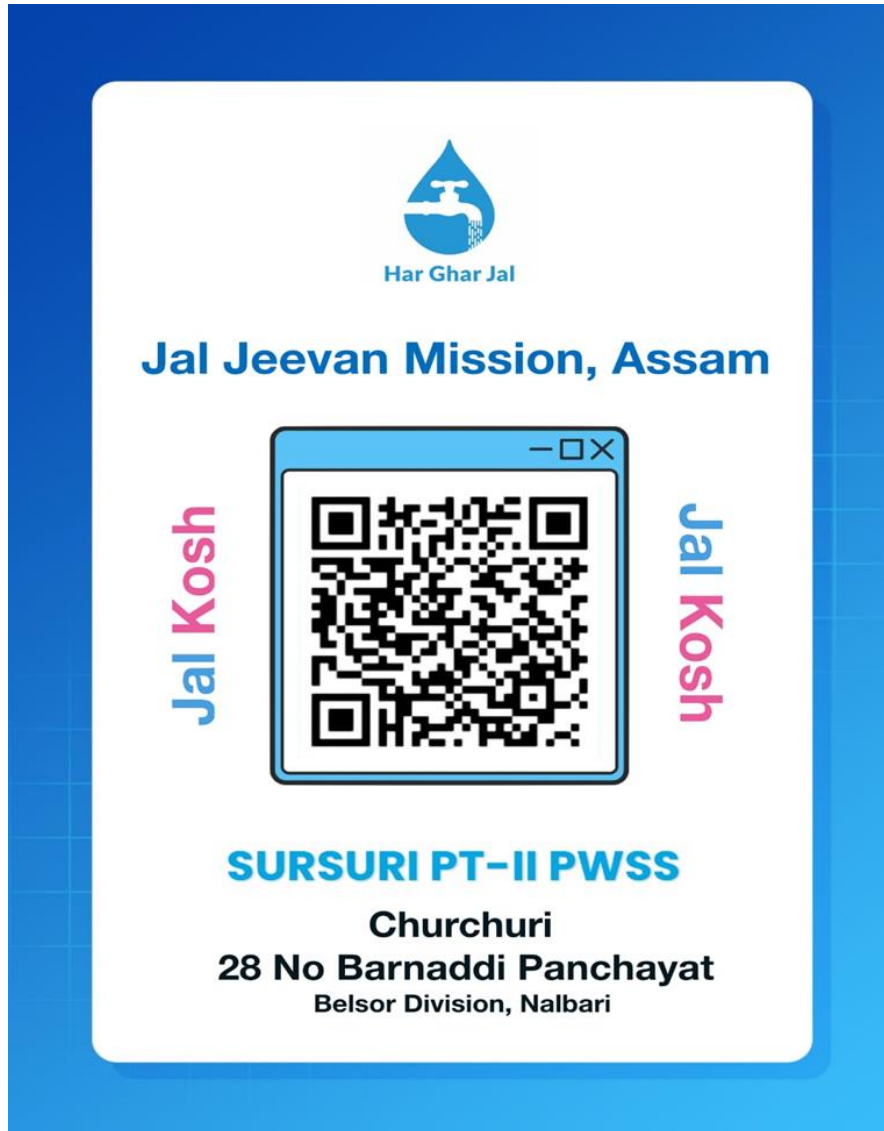


# Integrated O&M - Jal Mitra Application






# Grievance Redressal Mechanism - Jal Kosh



Har Ghar Jal

Jal Jeevan Mission, Assam

Jal Kosh



Jal Kosh

**SURSURI PT-II PWSS**  
Churchuri  
28 No Barnaddi Panchayat  
Belsor Division, Nalbari

*Digital backbone of all Schemes: Mapped to provide information*

Dynamic Digital Information Board accessible to all

Enhanced Engagement with the Citizens

Multi-Channel Grievance Redressal Mechanism

Web-Based Application Interface



Whatsapp Chatbot



Call Center



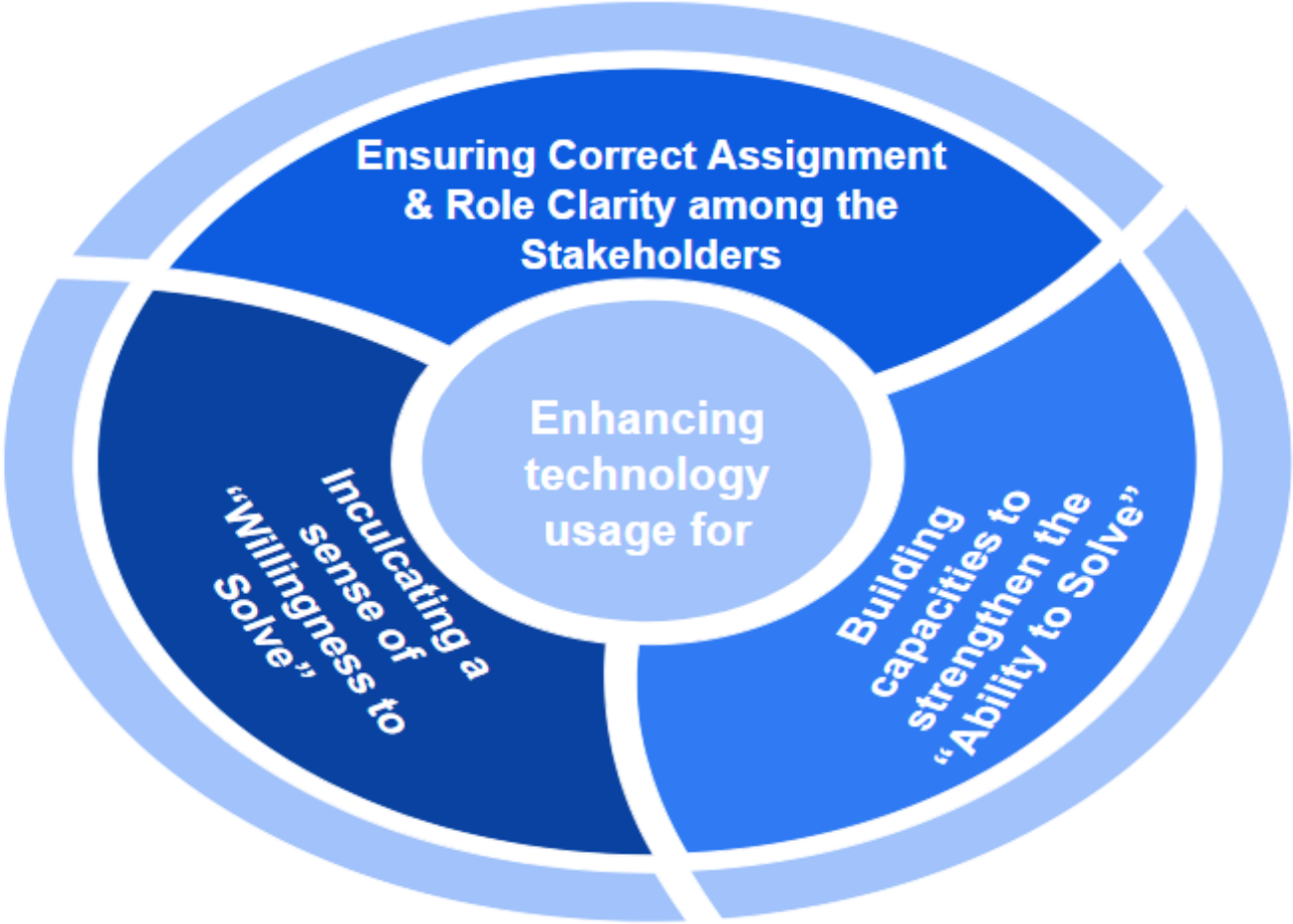
Social Media Platforms (Work-in-Progress)



# Jal Kosh - Video Demonstration



# Way Forward - Scaling Sustainability



# Thank You

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