



Addressing India's Water Crisis

National Water Mission 20 November, 2018



WHO WE ARE?

ARGHYAM IS A
GRANT MAKING
FOUNDATION
WITH A FOCUS ON
GROUNDWATER
AND SANITATION



PARTNERS FOOTPRINT

KEY LEGEND

-  Groundwater
-  Springs
-  Sanitation
-  Urban
-  Water Quality

OUR REACH - PGWM

Investing 30 Crores

Reaching 5,00,000 people

*Using groundwater
knowledge & data*

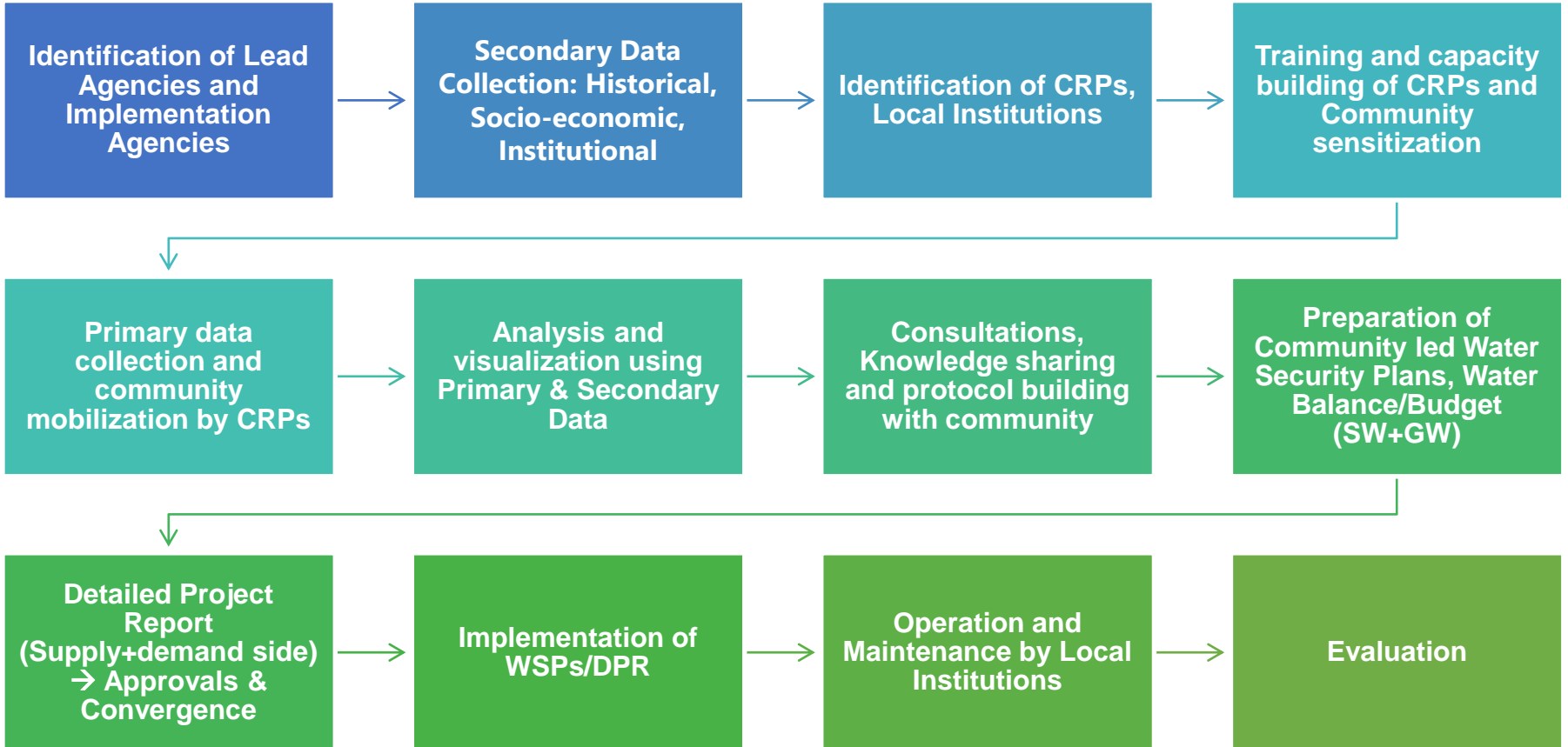
*20 experts have trained 500
master trainers*

Over 7 years

*Approach successfully tested across regions within
limited scale*

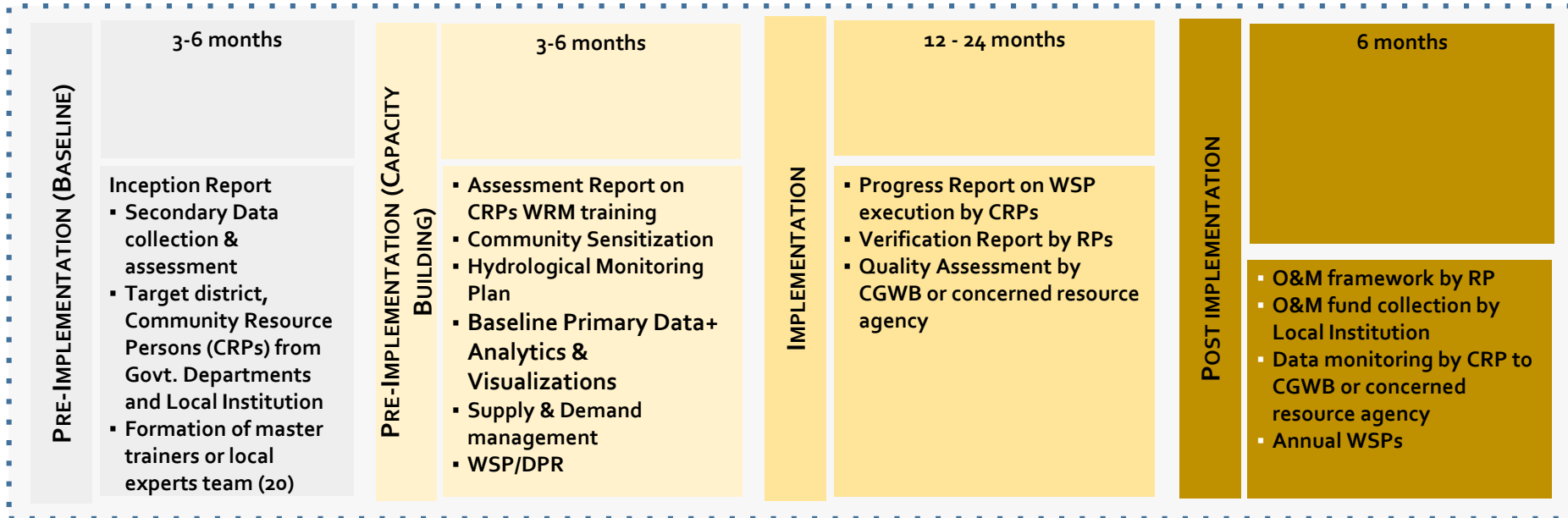
Problem Analysis





Programme Design for Scale: Pre-Implementation, Implementation & Post Implementation

The total water security cost accounts for Rs. 15,000 to Rs. 20,000 per hectare.



WHAT WORKS

COMMUNITY PARTICIPATION
Common pool resource, local ownership & management needed to ensure equity & sustainability

SCIENCE BASED APPROACH
Data based decision making

DEMAND MANAGEMENT & SUPPLY AUGMENTATION
Needs to be taken in conjunction

BEHAVIOUR CHANGE
Imperative especially for demand management

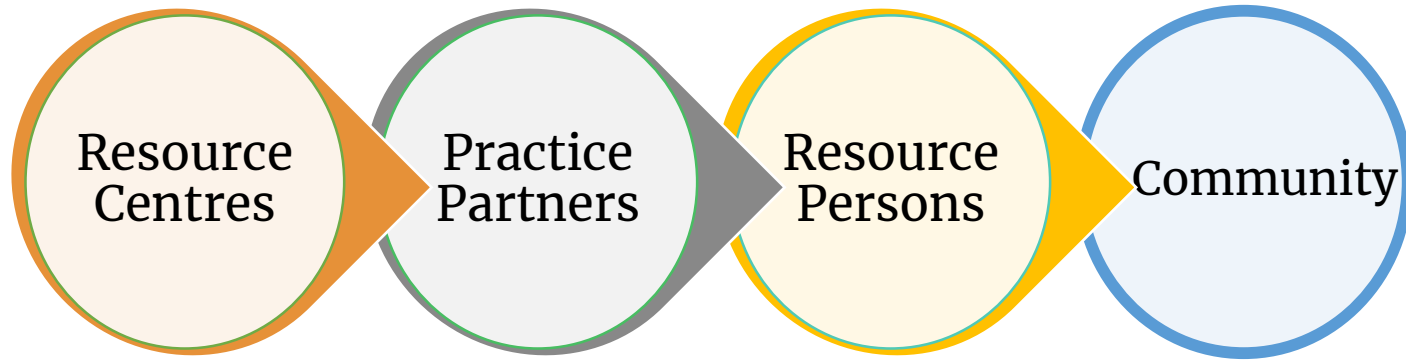
CONVERGENCE OF EFFORTS
Within Govt., GO-NGO, Academia is crucial

BUILDING STRONG INSTITUTIONS
to sustain work, allocations, conflicts

LOCAL RESOURCE NEEDS TO BE MANAGED LOCALLY = COMMUNITY PARTICIPATION



CAPACITY BUILDING WORKFLOW



*Experts: 10X
current
capacity*

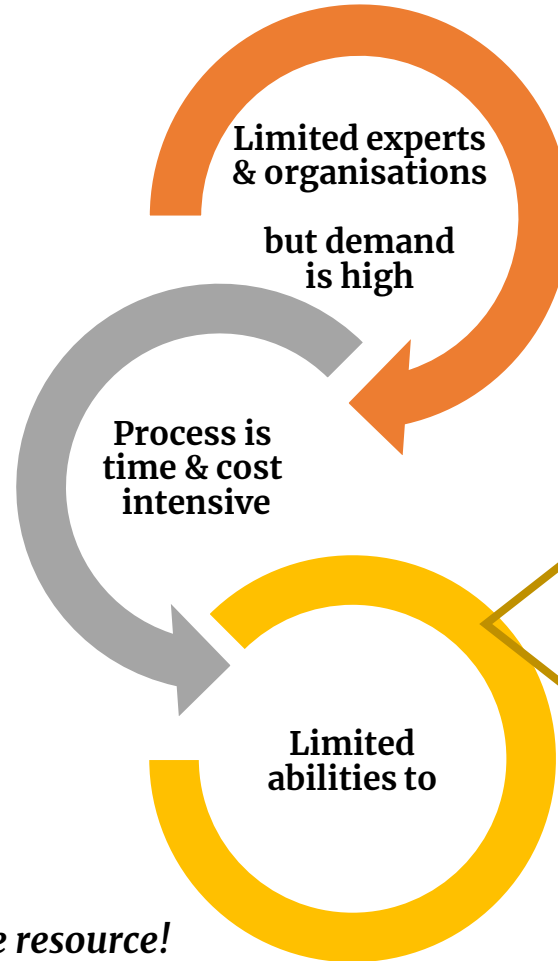
*NGO: 10-20X
current
capacity*

*NGO staff:
10-20X
current
capacity*

*Fund
management:
10-20X current
capacity*

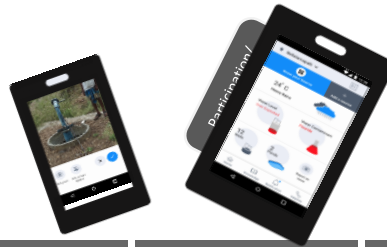
Need for non-linear approaches

IN TRYING TO SCALE WHAT WORKS SOME CHALLENGES FOR CAPACITY BUILDING



- ❖ *Deliver in multiple languages*
- ❖ *Track trainee absorption*
- ❖ *Deliver a comprehensive course*
- ❖ *Break silos in expertise*
- ❖ *Merge with other solutions – other practice, markets, academia*
- ❖ *Incorporate and update local context*
- ❖ *Have flexible, need based and interactive training*
- ❖ *Be an aid for trainees for consumption at own space and time*

Expert knowledge is a scarce resource!

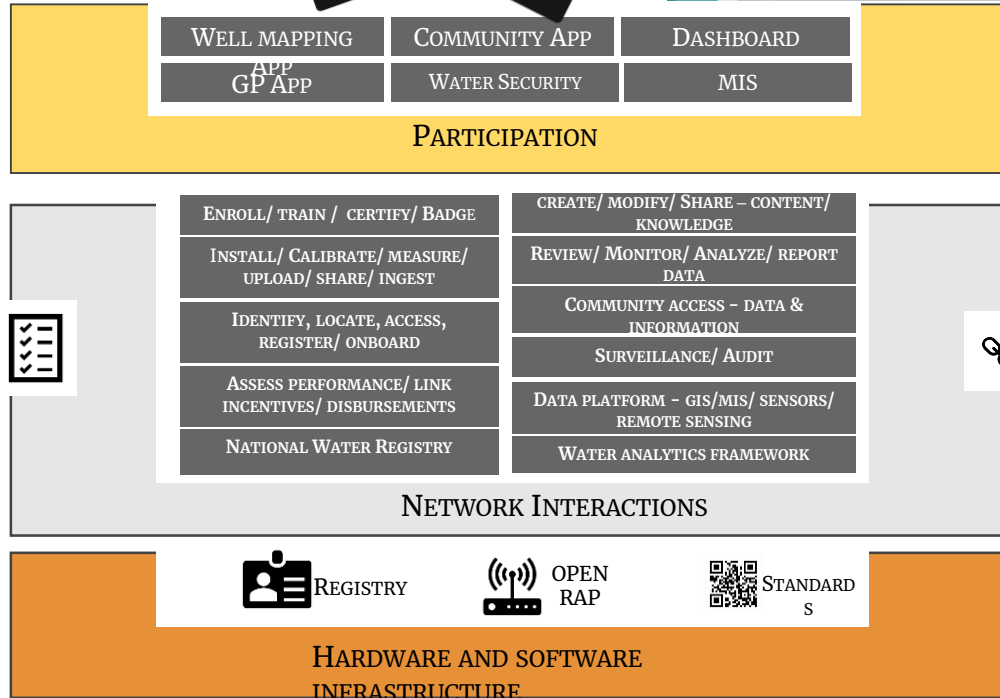


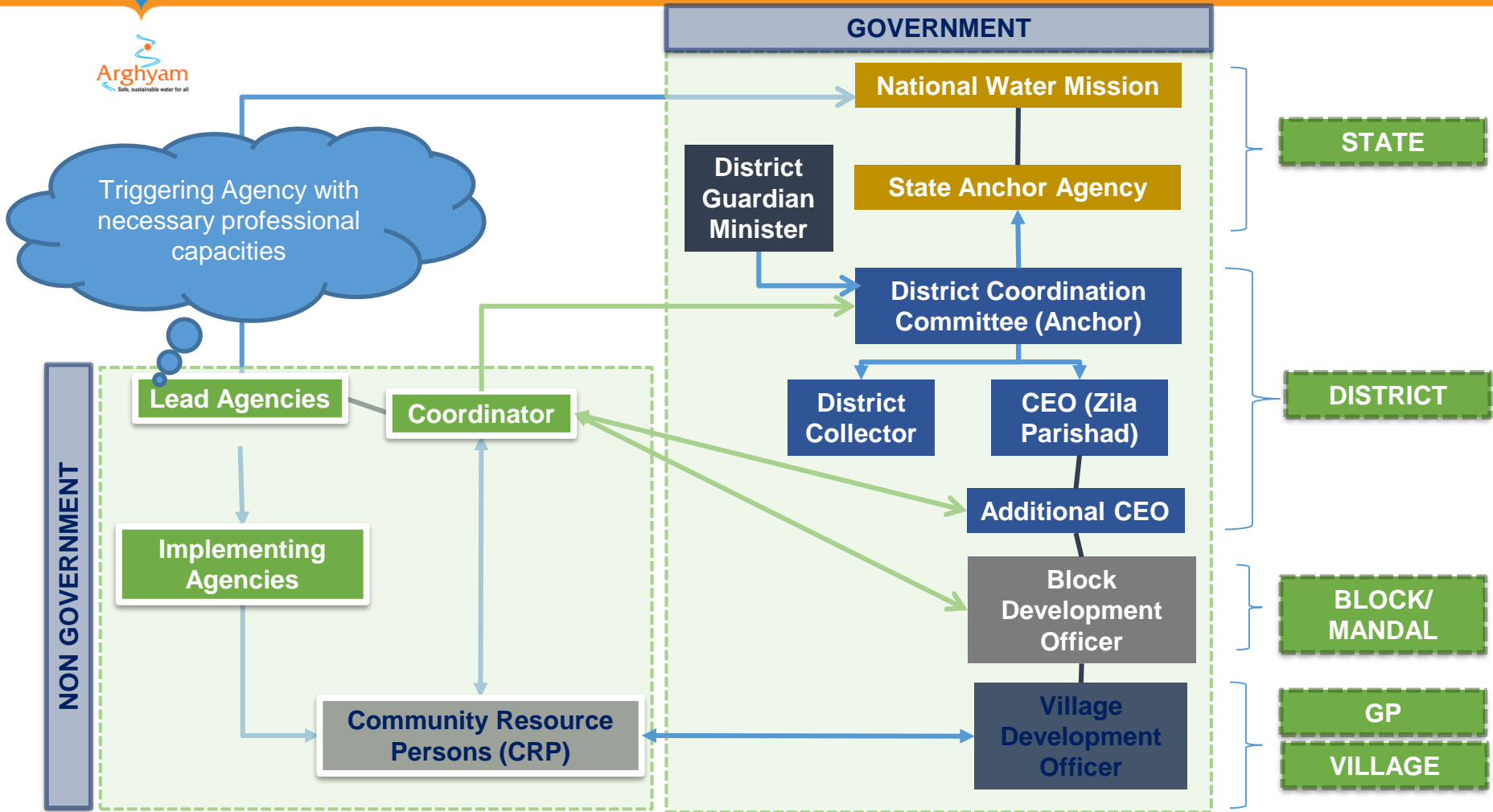
THE PLATFORM ARCHITECTURE

DATA
INGESTION



OPEN
ARCHITECTURE
/ EXTENSIBLE/
API'S





Thank You!