Aga Khan Agency for Habitat

Water and Sanitation Extension Program (WASEP)

Integrated Approach

WASEP

Water Supply	Health and Hygiene (CHIP & SHIP)	Capacity Building	Sanitation
Supply & Treatment Focus un served areas	Involve CBOs, LSO and relevant agencies	Train CBOs, LSO & line agencies	Household latrines and Sewerage systems

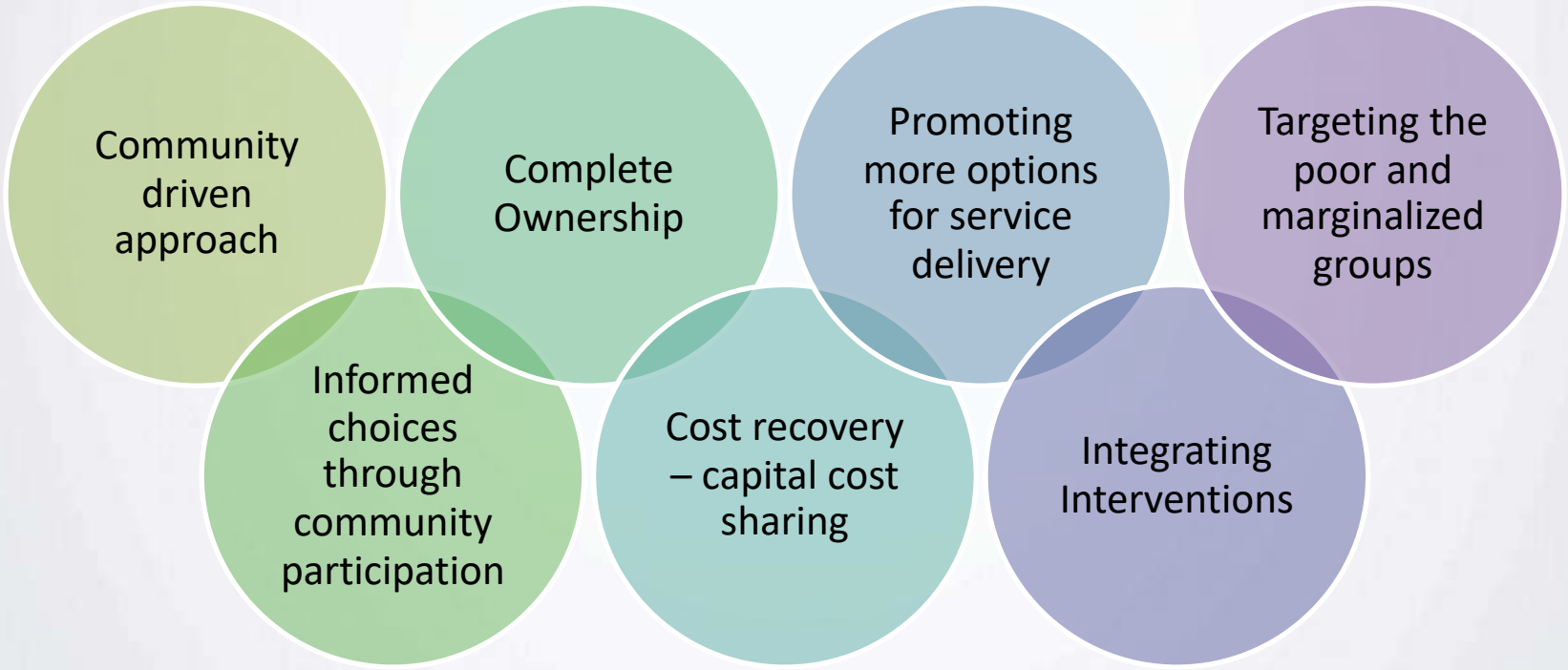
Improving Water Quality Monitoring Mechanism

Monitoring & Evaluation and M.I.S.

Focus on Public Private Partnership

WSC | WSO | WSI

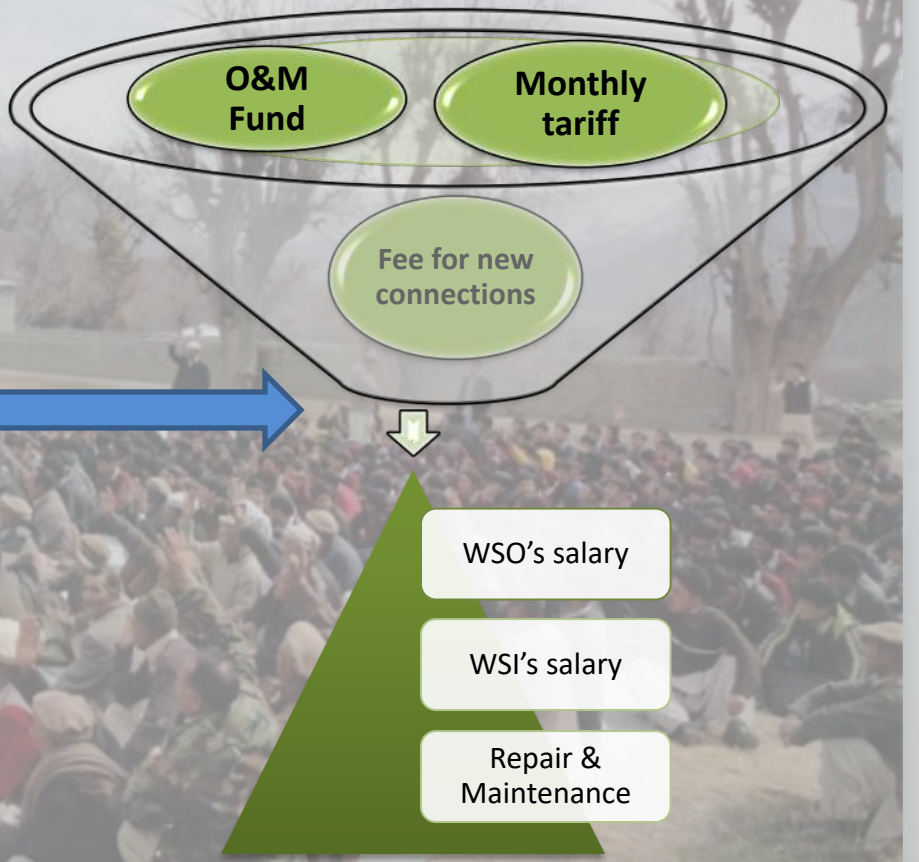
Key Guiding Principles



Project Approach

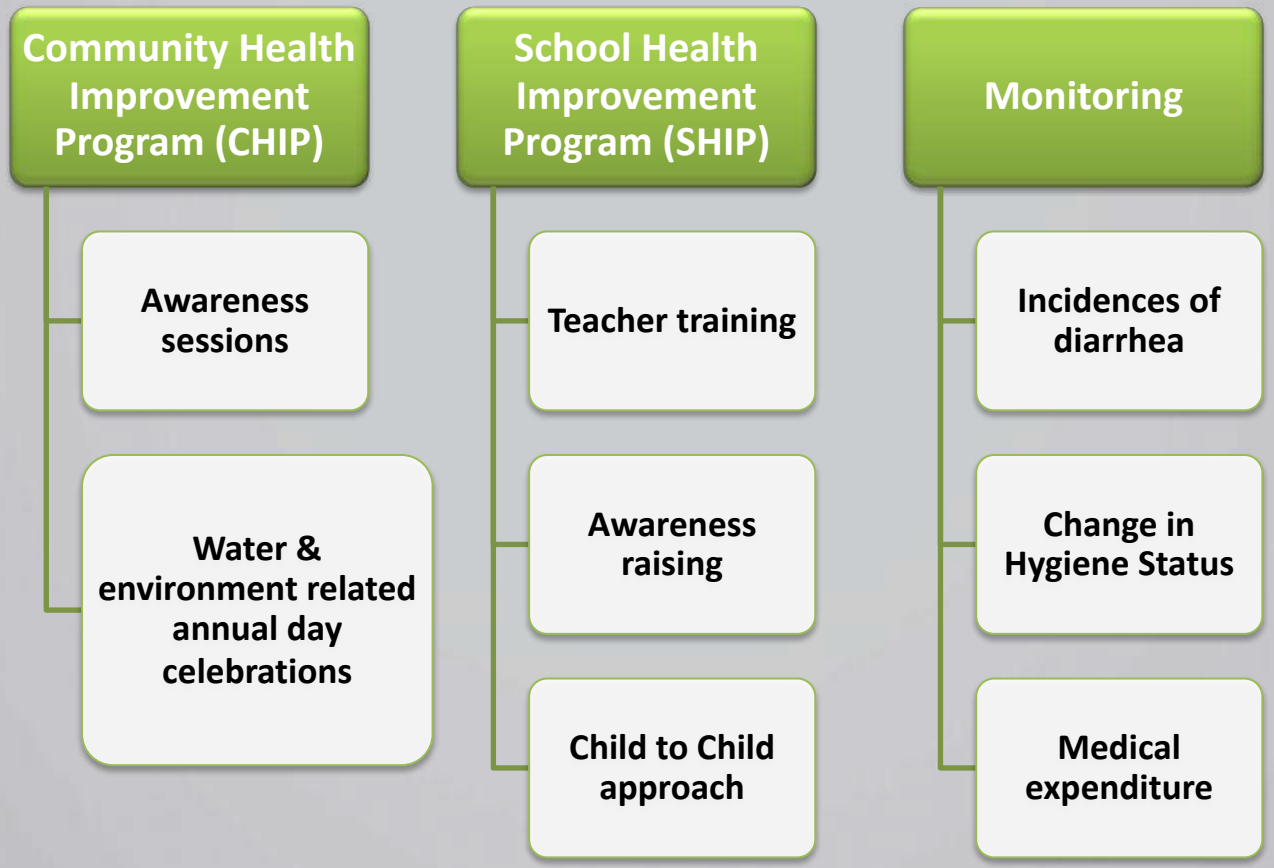
Social Mobilization

Community based Financing



Health and Hygiene Education

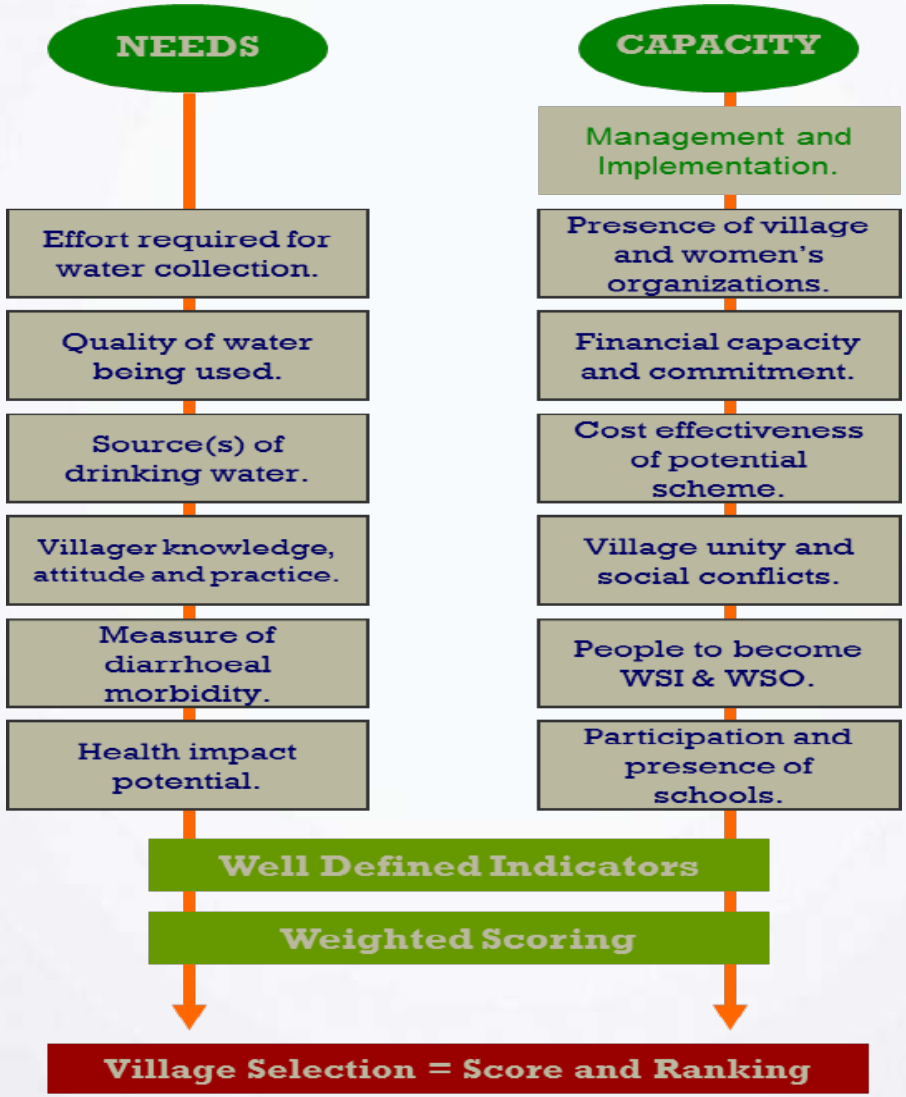
Project Approach



Technological Advancement

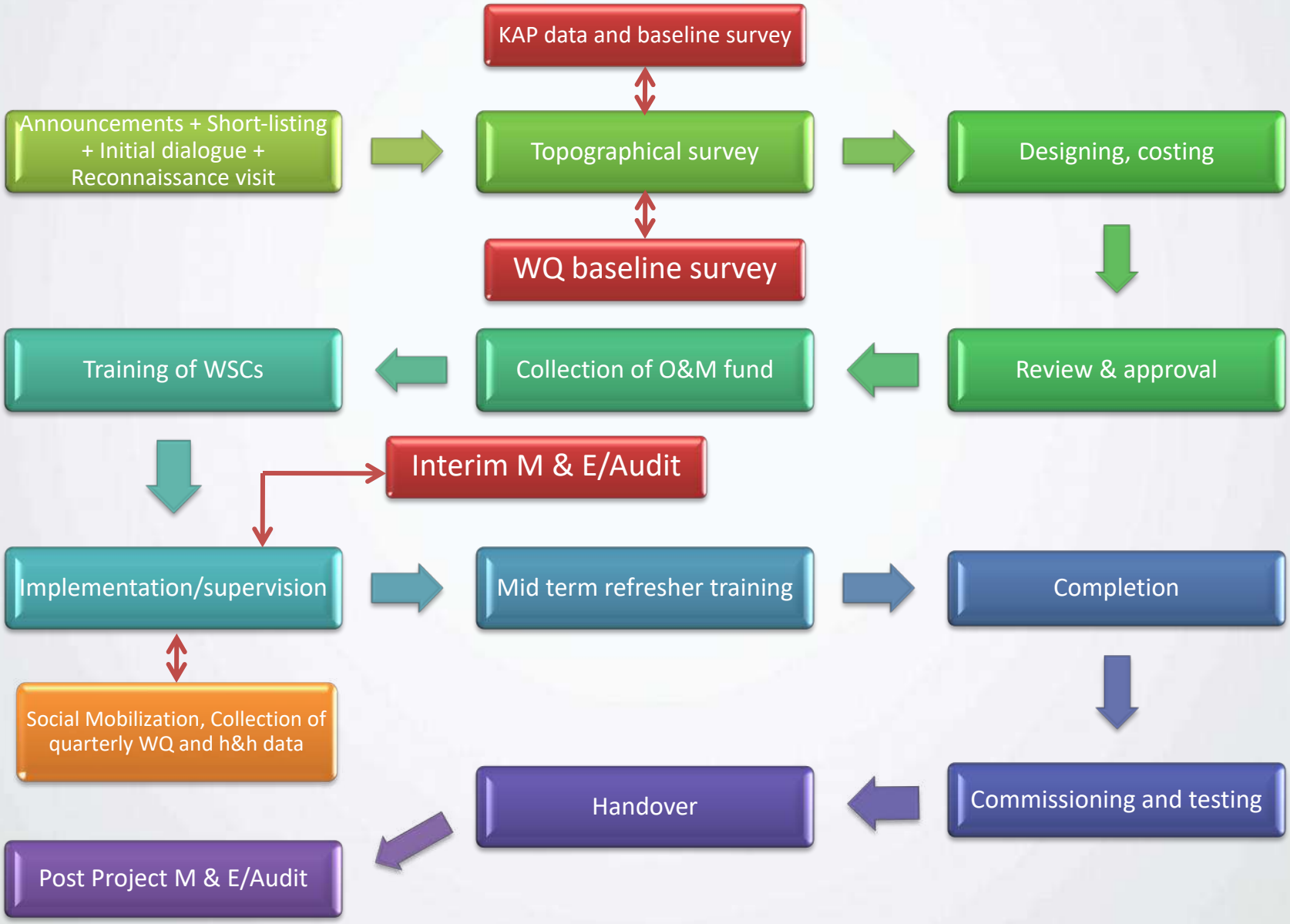
Innovation	Impact
Software based for water modeling	Help equal distribution of water among the beneficiary households 
Water Quality Assessment Equipment	 DelAgua Kit;  Spectrophotometer
Appurtenances like ARV, PRVs	Supply of water at appropriate pressures and uninterrupted supply
Insulation Techniques	Uninterrupted supply of water even in extreme winters in high altitude villages Laying pipes below freezing level 
HDPE pipes	Extended project life Withstands ground movements, land slides due to its elasticity Fewer joints less chances of leakages Easy for laying – cost saving 
Compression Fittings	Durable joints, less chances of leakages Easy for maintenance 
RCC storage tanks	Durable – can withstand earthquakes Good for Disaster Risk Mitigation point of view
River Bank Filtration	Cost effective and user-friendly auto filtration technique
Sewerage System	Evidence based design,>95% BOD removal, cost-effective, ease in O& M,

Selection Criteria

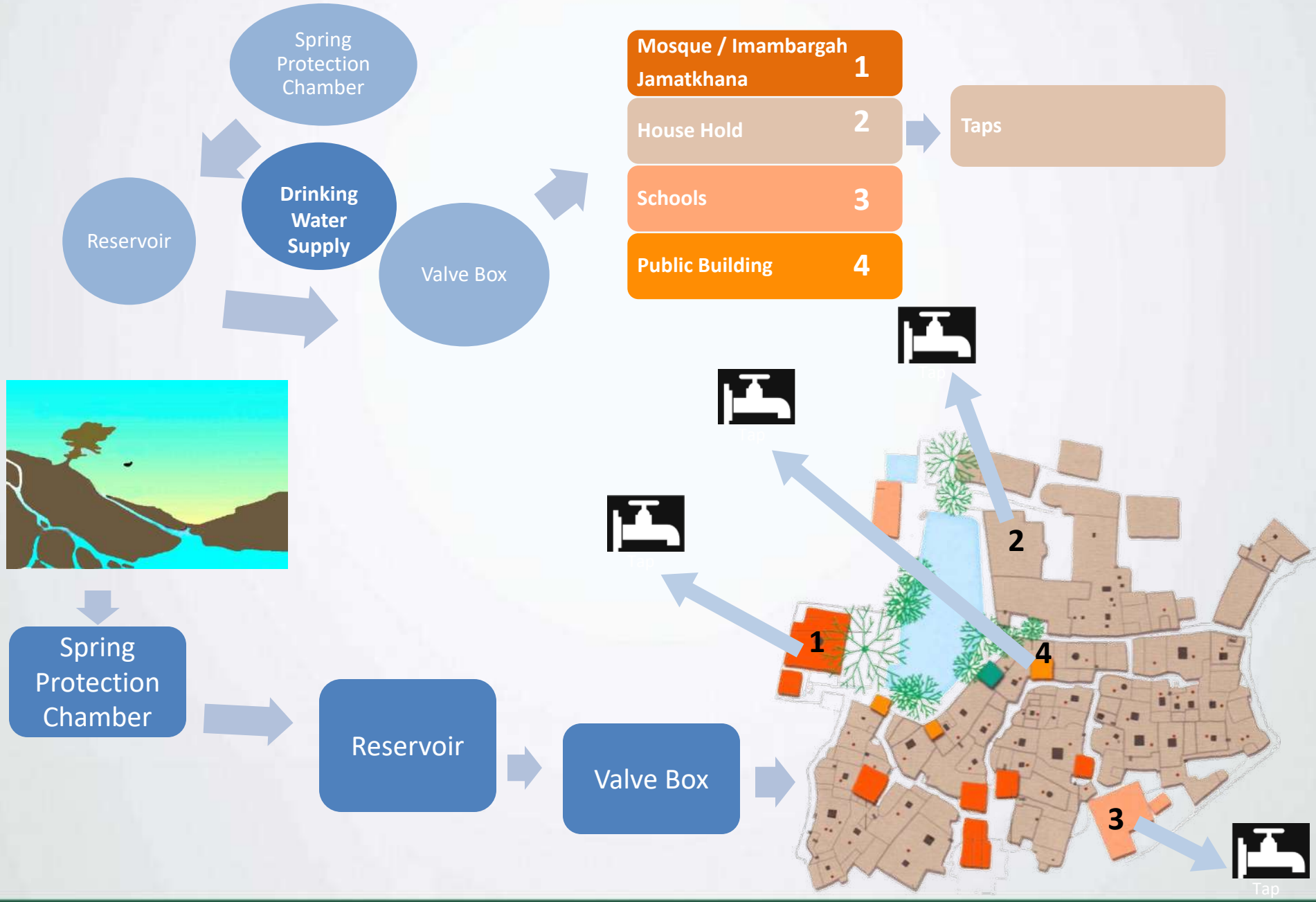


Fair, equitable, and transparent selection; evenly balances needs with capacities to sustain a project

Implementation Steps



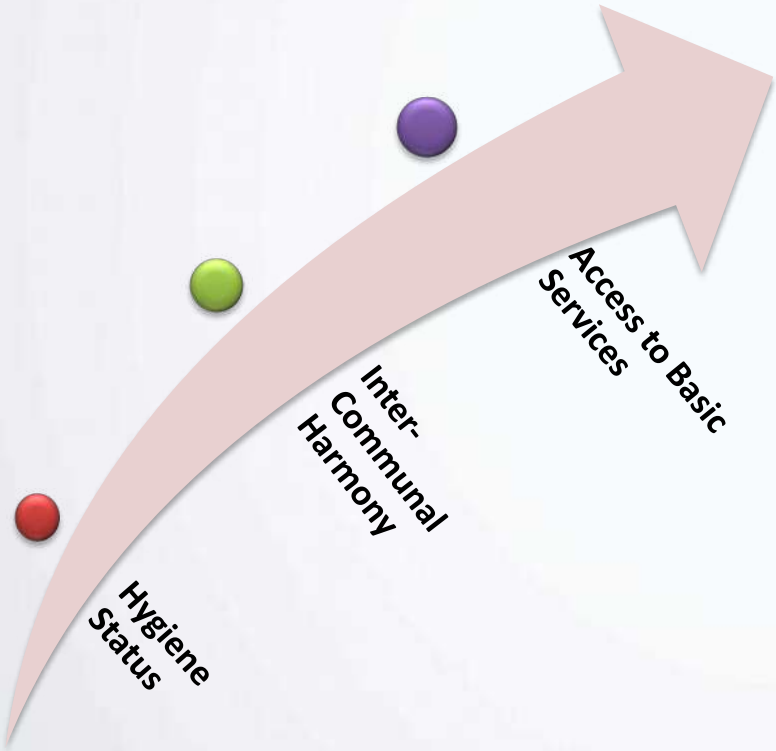
Water Supply Project – A Typical Layout

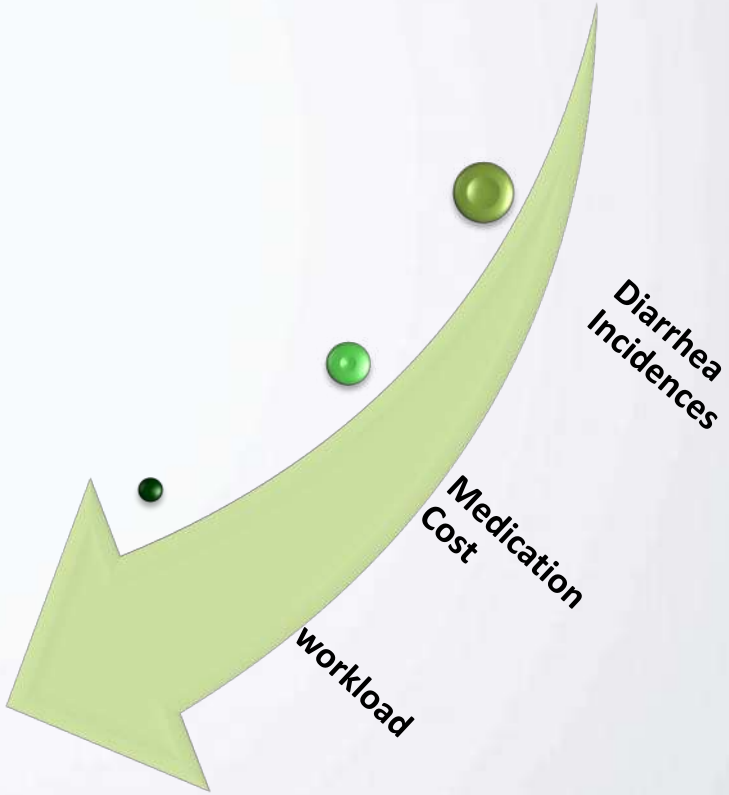


Some partners in Development

- Pakistan Poverty Alleviation Fund- PPAF
- Aga Khan Foundation Pakistan-AKF,P
- Government of Australia
- Partner Aid International (PAI)
- Flora Family Foundation -FFF
- Kreditanstalt fur Wiederaufbau(kfw))
- Immamat Funding
- PATRIP Foundation
- Government of Pakistan
- Local government GLT-BLN and Chitral
- International Union for Conservation of Nature (IUCN)
- World Wildlife Fund, Pakistan (WWF,P)
- Aga Khan Health Services Pakistan (AKHS,P)
- Aga Khan Rural Support Program (AKRSP)
- Aga Khan Cultural Services Pakistan (AKCS,P)
- Aga Khan University (AKU)
- UNICEF Pakistan

Impacts


Hygiene Status
Inter-Communal Harmony
Access to Basic Services


workload
Medication Cost
Diarrhea Incidences

Post Intervention Portray of Structures

WWTP – Septic Tank + Bio-Filter

Standpipe

Water Storage Tank

Intake Chamber

Pictures – Pipe laying in urban areas

Pictures – River ban filtration

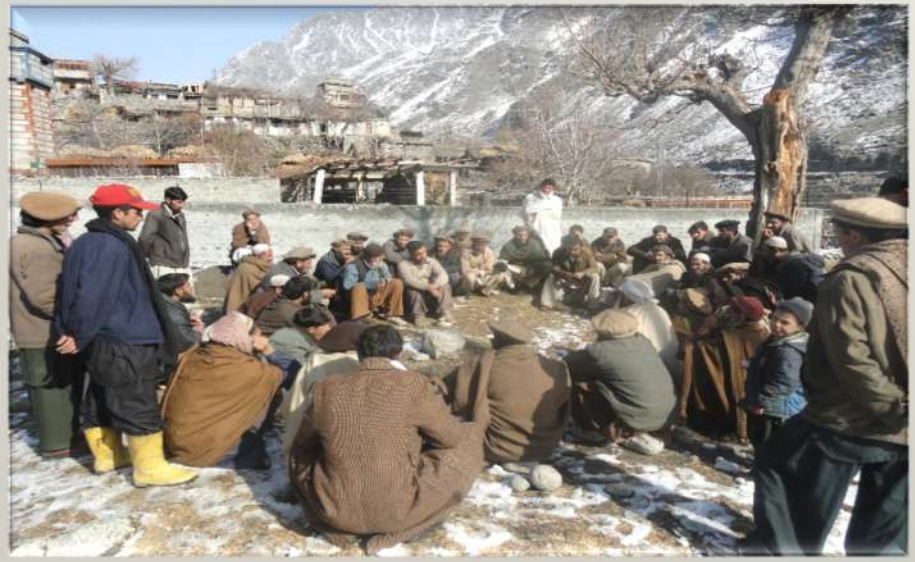
Pictures

Up-flow Roughing Filter

Chief Minister GB Inaugurating the Pumping Project

Trenching work for pipe laying

Pictures



Dialogue with Community in Darel

Pipe hauling by community

Re-bar of Storage Tank

CHIP session

Pictures

SHIP session

CtC approach

Capacity Building Training

Thank You!