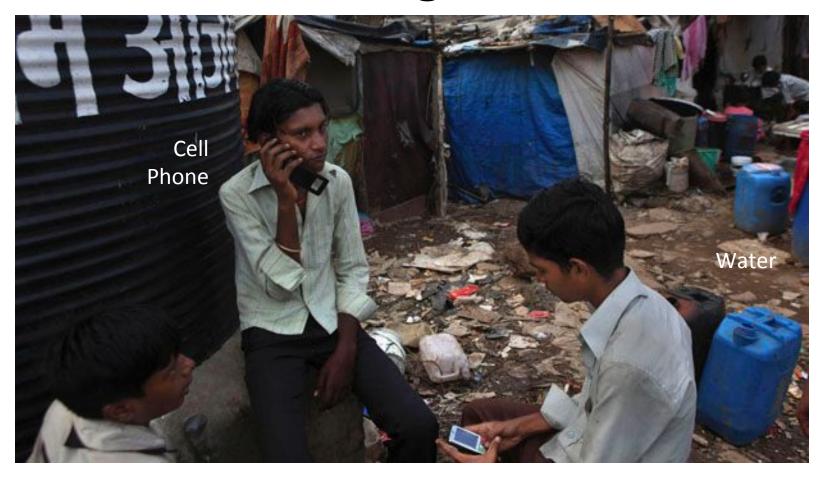


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Insight



Context Analysis

Situation

- Approximately 1 billion and 2.5 billion people lack access to clean water and basic sanitation respectively.
- Water.org helps to provide the comprehensive & sustainable complete solutions through WaterCredit.

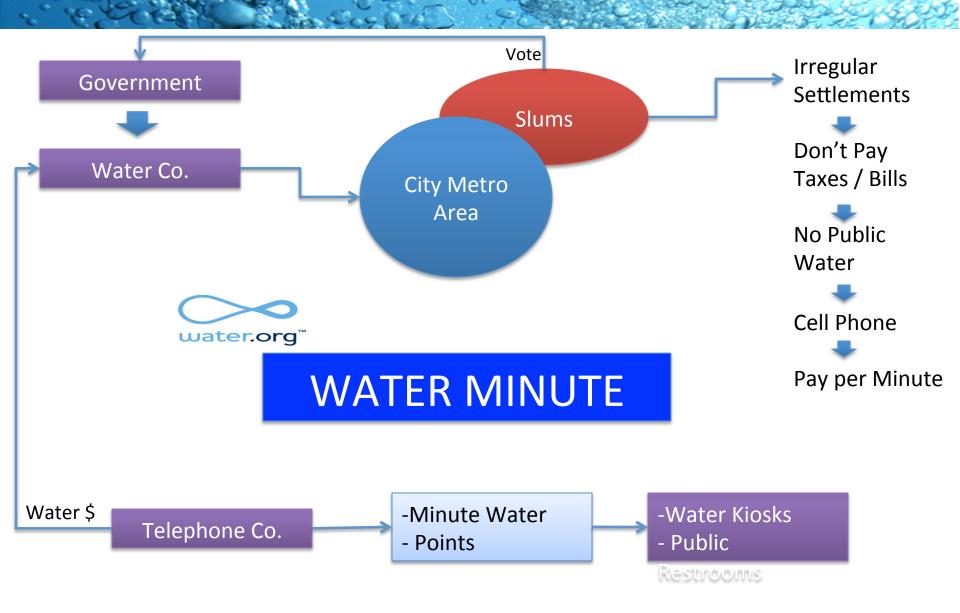
Complication

- WaterCredit is not enough to reach 100million people in 5 years.
- Striking a balance between downstream opportunities (potential projects) with upstream constraints (limited capital) is a tall order.

Question

 Can Water.org get water and sanitation to 100million people in 5 years?

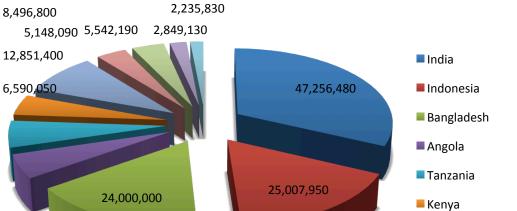
Recommended Solution



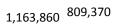
Target

7,568,400

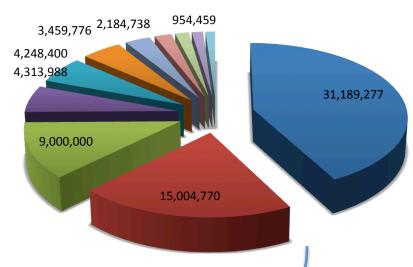




Population with Cell Phones and w/o Clean Water



1,467,206



Location	Reaches People
India	43,664,988
Indonesia	31,510,017
Bangladesh	12,600,000
Angola	6,039,583
Tanzania	5,947,760
Kenya	4,843,687
Democratic Rep. Congo	3,058,633
Mozambique	2,054,088
TOTAL	109.718.756

Democratic

Congo Mozambique

Assumptions:

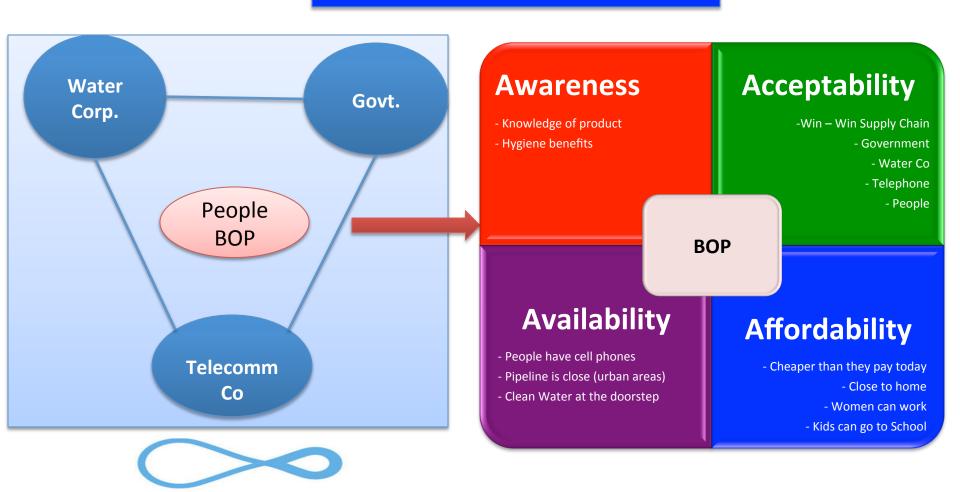
- •Reach 70% of Pop. with Cell phones
- 1 Cell can provide water minimum of 2 people

Solution



water.org™

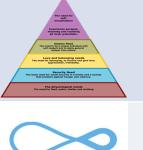
WATER MINUTE



Stakeholder inputs and Benefits

Stakeholders	Roles and Responsibilities	Advantages
SOP Sottom Of	Pay for telephone billsIncrease awareness of	•Clean and Safe Affordable •Economical Water

d Safe Affordable Water



solution

ical Water



Pyramid

stakeholders

 Sustainable Business Model Highly Scalable



•Collect water Payments Provide tech service to

Work as a facilitator among

 Increased subscriber base Increased profit Corporate Social responsibility



- water provider Water distribution/supply Infrastructure
 - Increased Health Index Votes

Solution to water problem

Reduced child mortality

Empowering Society

Demand for water supply Run Water Kiosks

Financial Analysis - Mumbai as a pilot city

Total no of people in slums	7,000,000
Total of slums	1,959
Average per slum	3,573.25
Average Water needed per capita (Itrs)	50
Average no of people / facuet	96
Average no of faceuts - by one kiosk	10
Average no of people served by one kiosk	960
Total Kiosk Required	7291.67

	_
No of people served / kiosk	960
Cost / Kiosk	\$2000
Cost of the Pipeline / km	\$150,000
People to be served / pipeline	100,000
Average distance - City to Slums	7km
Pipeline Cost / Beneficiary	\$10.5
Kiosk cost /Beneficiary	\$2.08
Total Cost / Beneficiary	\$12.58

Consumption Itrs. / day	50
Ltrs. / month	1500
Cost of the water per person	\$ 2.93
Population	7,000,000
Total Rev.	\$ 2,040,500
Telecom Company	\$ 1,864,545
Water Company	\$ 175,955

Risks of Water Minutes Program

- Government may hesitate to cooperate
- Variable water supply rate in cities
- Vandalization of pipelines
- Setting up the Infrastructure for solution
- Black market Kiosk
- Low teledensity.

Implementation Plan

Monday Morning

- Discuss plans with partner NGOs in identified locations to commence talks with local community authorities, re to put demand for water
- Begin talks with Public Water corporations and tender proposals

Within Three Months

- Develop auction process (like 3G auction)
- Begin construction of extended pipelines
- identify local water distributors



By October 2012

- Develop water storage facilities or purification plant.
- Training and consultancy for kiosk operations.
- Repeat the process from step one again.

Resources

Telecom

People at BOP

Local Groups

Water Distribution Center

Water.org

Thank You Q&A