

## Solving the Clean Water Crisis ONE BOTTLE AT A TIME



Chris Chung
Brian DiBarnaba
Mitra Sinha
Mukund Sundaram

#### The provision of water and sanitation to the BOP is not making an impact

- Water
  - Water is a basic need of life
  - Water given to BOP lacks minimal health standards

- Sanitation
  - Health concerns stemming from inadequate sanitation

Current solutions not sufficient to "move the needle"

**Hypothesis** 

The Idea (Water) Implement (Water)

The Idea (Sanitation) Implement (Sanitation)

## Sourcing water from secondary sources is game-changing

Every person, rich or poor, drinks 90 oz of water a day

Sanitation is a personal responsibility

Key Dilemma

Hypothesis

The Idea (Water)

Implement (Water)

The Idea (Sanitation)

Implement (Sanitation)

### Leverage existing distribution channels of the global beverage industry to deliver clean, drinking water to the BOP





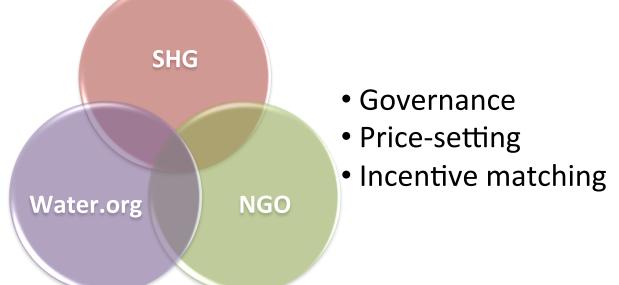


### This can work economically...

- Coca Cola sells water for 1c a bottle
- Beverage truck transports and sells it at 2c to the local merchant
- Ram buys a bottle for 3c from the shop
- Ram's family needs about 10 bottles a day
- Ram makes \$2 a day

#### ... and is scalable and sustainable

- Ram's wife is part of a 10-person SHG
  - Enhance productivity and unlock mobility
  - Produces economic outputs to pay for water
    - E.g. Division of labor amongst the group



The Idea (Water)

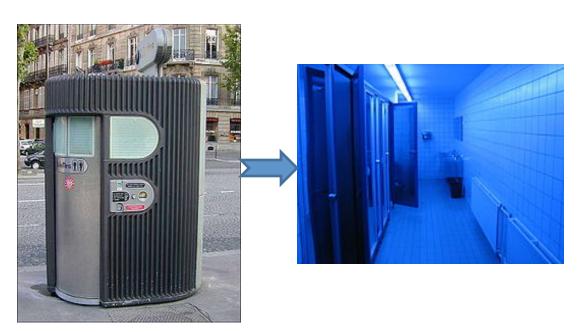
Implement (Water)

The Idea (Sanitation)

Implement (Sanitation)

- Sanitation and non-potable
  - Leverage existing distribution infrastructure
    - Cheap/Simple
    - Actionable

- New Businesses
  - Public lavatories
  - Bathing facilities
  - Laundries



- Upstream Financing
- Downstream Implementation
- Education about Owning and Leasing Public Water Facilities
- Every Slum, Every Two Blocks
- Pilot Program
- Ultimately increases standard of living

# We are confident of executing the plan Reaching 100 Million – 5 years

- Water
  - Enlist and coordinate

 Start JV relationships with bottlers, transporters, shop owners

Educate and enable BOP roles and recycling

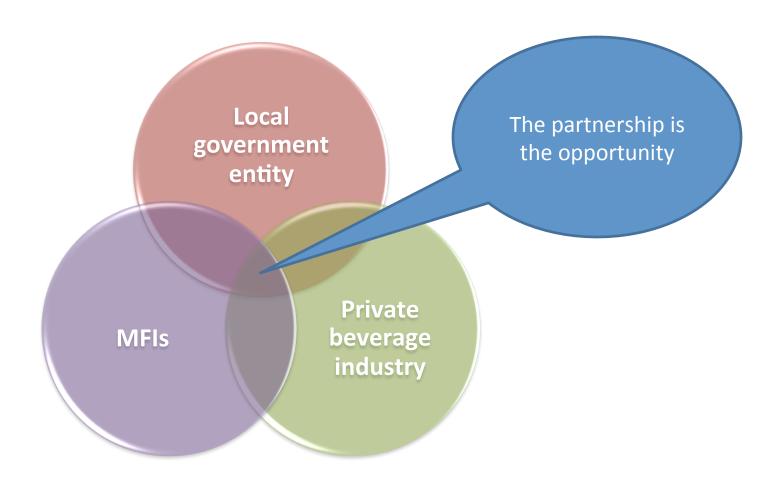
# We are confident of executing the plan Reaching 100 Million – 5 years

- Sanitation
  - Identify viable regions/locations for the pilot programs with NGO's

Enlist venture philanthropists for seed capital

 Evaluate pilot programs and start permanent programs that are self-sufficient within and year

### The PPP is critical



## Thank you

### The PPP is critical

- Coca Cola
  - Access
  - Community-giving
  - Tax benefits
  - Preferred regulatory treatment