

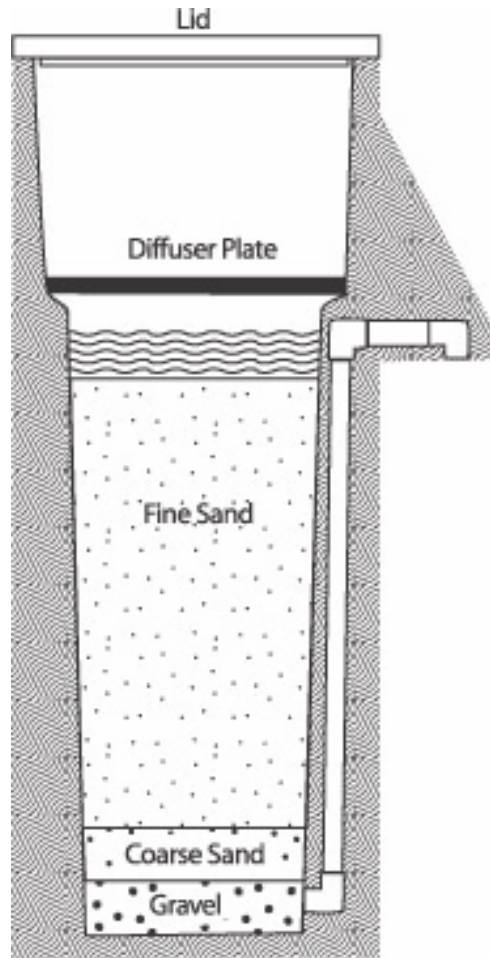


# *Household Water Treatment 8 years, 33 countries, all continents*

WHO Network for Promotion of Household Water Treatment and Safe Storage

Bangkok, Thailand – June 1, 2005

# It started with...



## ...the BioSand Filter

# Enabling Services

- Training Material & Curricula
  - Needed to create trainers
  - For use by implementers in their programs
  - Specific to groups involved
  - Simple language and concepts
- Technical Consulting
  - Complete and open transfer of knowledge
- Not for profit
  - Create a professional client-service provider relationship
  - No building of infrastructure
  - No provision of funding

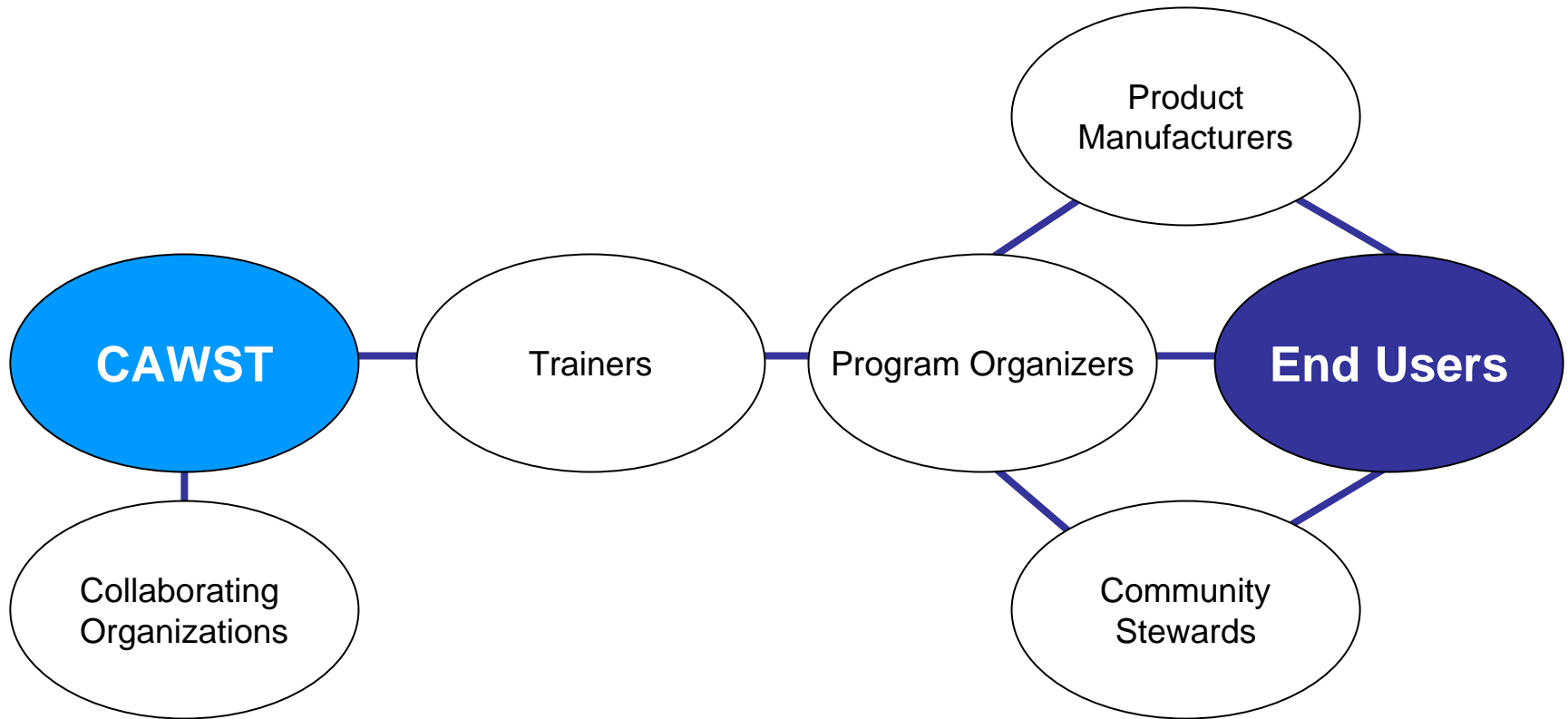


# Learnings

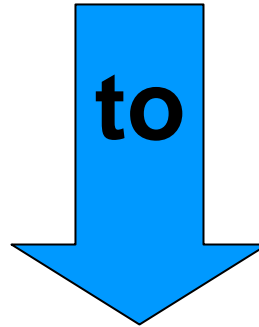
- Educate on Household Water Treatment options, not a specific technology
- Local NGOs & small international NGOs implemented HWT programs soonest
- Major implementation challenges
  - How to promote awareness and demand for filters
  - How to get funds
- Training required
  - Materials for schools, health clinics, community centres
  - Planning and managing projects
  - Monitoring & evaluating projects



# Transfer Model



**From Infrastructure-driven  
community development**



**Community-driven infrastructure  
development.**

# Results to Year-End 2004

CAWST trained **114** students (Canada) and **413** students (6 other countries)

...**99** active clients in **33** countries in CAWST network

...**35** Community Based Organizations & NGOs in 22 countries  
Implementing Household Water Treatment

...Impacting **365,000 people** with clean drinking water

\$1.4MM investment (CAWST & Davnor previously)

**\$4 US per person impacted**

# Current Status

- At the threshold of dissemination
  - Program expansion by current implementers
  - Monitoring of demonstration results by governments
  - Interest by larger international NGOs
- CAWST doubled 2003 → 2004 → 2005
- 25% CAWST resources on program development, 50% on direct training
- Planned educational programs in rainwater harvesting
- Reviewing HWT options for arsenic, fluoride, and salinity removal
- 98% of CAWST resources from private and corporate philanthropy

# Major Challenges

- Implementing Organizations
  - Commitment and priority on W&S
  - Capability of their people
  - Governance & Accountability
  - Sufficient sustained funding
- Project Funding not in-line with Education Needs
  - Limits building of organizational capacity
  - Inhibits flexibility to innovate and change
  - Transaction costs are high due to endless proposals and reports

***The model works...***

but the challenges are significant.