Reaching Scale with Household Water Treatment

Greg Allgood, PhD
Director Children’s Safe Drinking Water Program
P&G’s Focus is Providing PUR Purifier of Water

- Reverse engineers municipal treatment using same ingredients
- Robust in removal of turbidity, parasites (>99.9%), viruses (>99.99%), and bacteria (> 99.99999%)
- Each sachet treats 10 liters
- Production cost of $0.035 per sachet
Elements of P&G’s Children’s Safe Drinking Water Program

- Provide PUR at cost, not profit, for emergency relief
- Provide PUR at cost, not profit for social marketing
- P&G’s focal program for corporate philanthropy
Social Market Approach

- Leverage existing, commercial infrastructure to supply product and provide profit incentive to local shop owners
- Use brand advertising (social marketing) to create consumer awareness
- RESULTS: PSI has already provided more than 2 million sachets in social markets
Social Marketing is Necessary but Not Sufficient

• We need broad partnerships to allow sustained community presence necessary to reach most vulnerable
  – People in emergency relief situations
  – Children ages 6-24 months
  – School children
  – People living with HIV/AIDS
Safe Drinking Water and Schools

- UNICEF has estimated that about half the world’s schools lack safe drinking water and sanitation

- Our initial efforts have shown that schools can be a powerful tool because children are change agents for entire community
Safe Drinking Water and Schools

- UNICEF & P&G Alliance to provide safe drinking water and hygiene program in 7 countries
- Programs with Save the Children, Samaritan’s Purse, PSI, and CARE to expand school programs
- To be maximally effective, providing safe drinking water needs to result in sustained use in homes
People living with AIDS are vulnerable to water-borne infections because of reduced immune response.

CDC research demonstrated that safe drinking water reduces illness in people with HIV/AIDS.

Question of whether ARVs are maximally effective with high pathogen load in drinking water.
Safe Drinking Water and HIV/AIDS

- Safe drinking water is helping people like Jemima Odo live positively with HIV/AIDS
  - Rotary Project in Kenya
  - Village Clinics in Kenya
  - Healthy kits in Haiti
Conclusions

- Social marketing offers promise to scale-up household water treatment

- Targeted efforts are needed to augment social marketing

- P&G is interested in partnerships to expand reach to targeted groups