



OVERVIEW

MISSION

...to improve life in developing countries by identifying and encouraging the use of affordable water purification systems, teaching the importance of proper household water treatment, and creating new business opportunities for local people.

PROGRAM AT A GLANCE

Deep Springs International is a non-profit organization that provides a solution to the water crisis in Haiti, with the goal of sustainability. Using a simple and affordable chlorination system called the *Bucket of Life* we empower individuals to provide safe water to their communities as a sustainable business. Even the poorest families can treat their water with this home system, regardless of the source.

PROBLEM AND THE DEEP SPRINGS SOLUTION

Awareness of the water crisis in developing countries worldwide is growing and Deep Springs International is committed to helping to alleviate suffering and death due to preventable water-borne diseases. Worldwide, the World Health Organization estimates that 1.8 million deaths occur each year due to unsafe water, most of them preventable.

In Haiti, our neighbor and poorest country in the western hemisphere, the water crisis was chronic and severe even before the 2010 earthquake. The situation has only worsened since the earthquake that claimed over 200,000 lives, and the subsequent outbreak of cholera which claimed over 8,200 lives.

- One of five (17.9%) deaths of children under 5 years old in Haiti result from diarrheal diseases.
- 97% of rural Haitians have to leave their homes to get water.
- 67% of rural Haitians live in "extreme poverty" (defined as less than \$1 a day) and therefore cannot afford bottled water, even if it were available.
- Water taken from a presumed "safe source" (well, covered spring, etc.) is likely to become contaminated in transport or during storage.

The Deep Springs solution is to focus on Household Water Treatment and Storage (HWTS). Our *Bucket of Life* system is a simple locally produced 5 gallon bucket with lid and tap and locally produced liquid chlorine product called *Gadyen Dlo*. With just a capful of this product, a family can purify water from any source, and guarantee that it is clean and safe in the cup (not just in the well or spring). A bottle of *Gadyen Dlo* is affordable for even the extreme poor – only \$1.25 - and will last one to two months. Tests have proven that the system is at least 80% effective at reducing exposure to diarrheal disease.

But the Deep Springs approach is not just effective in combating death and disease – it goes one step further: Deep Springs utilizes an effective business model to create local jobs and assure that the Health Agents become self-supporting through product sales.

HISTORY

In 2001, *Jolivet Safe Water for Families* established an in-home safe water program for rural Haitians utilizing a locally-produced liquid chlorine branded "Gadyen Dlo". In 2003 and 2005 MIT, Center for Disease Control and USAID conducted studies showing the effectiveness of *Gadyen Dlo* at reducing diarrheal disease. In 2006, Grove City College students and faculty launched Deep Springs to empower Haitians to start their own enterprises focused on alleviating suffering – with a focus on education. Concluding that locally sustainable enterprises and job creation could be achieved by scaling up the *Gadyen Dlo* system Deep Springs assumed management of *Gadyen Dlo* in 2007. Since then Deep Springs has expanded

LEADERSHIP & TEAM

- Michael Ritter, MPH. CEO and National Director in Haiti. Serves as co-leader of the UNICEF Water-Sanitation-Hygiene Cluster for the Leogane Region.
- Deep Springs is lead by a volunteer Board of Directors
- In Haiti, Deep Springs has a Team of 11 Haitian staff, approximately 260 Haitians who sell product, and many volunteers.

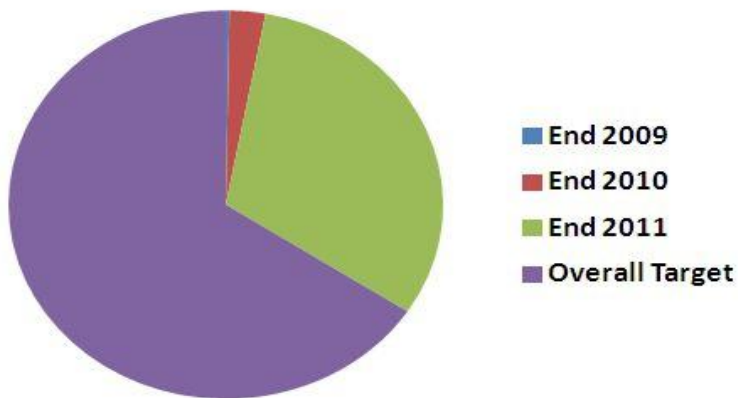
IMPACT

- 3,000 lives saved (est.)
- 325,000 rural Haitians using the system
- Over 260 Haitians earning income from Gadyen Dlo with only 1 expatriate staff
- 80% effective reducing exposure to diarrheal disease

GROWTH & GOALS

Deep Springs achieved 10-fold expansion in both 2010 and 2011

Overall Goal in Haiti: Provide clean water for the 900,000 families currently without



RECOGNITION

Deep Springs has been recognized by UNICEF, Save the Children, the CDC, the World Health Organization, and many others.

Winner of the *Templeton Freedom Award* for Social Entrepreneurship

Visit www.DeepSpringsInternational.org for more information

- About Us
- Online Donations and Newsletter Sign-up
- Volunteer Opportunities
- Gallery and Media Kit
- *Buckets of Life* Program

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