12 Years
of Community Uplifting
The average woman in rural Uganda spends over 8 hours each day collecting wood and cooking. The economic cost of this burden measures in the billions of dollars across sub-Saharan Africa, making it virtually impossible for these impoverished households to escape the cycle of poverty. Over 1.4 million lives have been impacted by Lifeline’s fuel saving stoves in Uganda, Haiti, Kenya, Tanzania, Sudan and Burundi.

Over 40% of Uganda’s rural population lacks access to clean drinking water systems, which all too often breakdown within just a few years of installation owing to lack of maintenance. As a result, villagers are forced to walk inordinate distances to collect water and some 22,000 Ugandan children die each year from water borne diseases. 250,000+ individuals have benefitted from Lifeline’s ClearWater Initiative in Uganda.
“And though she be but little, she is fierce” — Shakespeare

The Power of Community Engagement
1. Community Partnership Video
2. Founder Message
3. Cookstove Impact
4. Clear Water Impact
5. FY 2017 Results
6. New & Expanding Initiatives
7. Uganda
8. Haiti
9. Burundi
10. Advisory Report
11. Finance
12. Partners
13. Team
14. Board
Lifeline partners with communities to develop the tools they need to sustain their clean water and energy resources. In so doing, Lifeline helps communities maximize the accountability of their efforts and take responsibility for their collective health and livelihood.

Providing clean water wells and clean cooking solutions since 2006

Viewer must be connected to the internet in order to play video.
During this past year, Lifeline made major strides in its efforts to uplift the lives of those suffering from abject poverty. As in the past, these efforts have involved our ClearWater Initiative, which to date has brought safe drinking water to over 50,000 Ugandan families, and our clean cooking program, which has provided over 265,000 families in East Africa and Haiti with access to fuel efficient stoves. The combined impact of these interventions has been to save women and girls millions of hours that would otherwise have been spent collecting wood and water, to substantially reduce the amount of money that families spend on charcoal, and to profoundly improve health by reducing their exposure to toxic smoke and water-borne diseases.

Much of our efforts during these past 12 months have been devoted to building the capacity of local entrepreneurs and community partners to maximize the sustainability of these initiatives over time. For instance, in Haiti we assisted our local partner in (1) piloting an innovative distribution model, which is increasing both stove sales and disposable income through a co-operative credit financing system, and (2) upgrading and modernizing its stove products to improve their durability and performance. In Burundi, we have been working with local community organizations to build their own production capacity, offering the promise of access to affordable cookstoves to tens of thousands of Burundese families. In Uganda, we have been operating a preventative maintenance system for rural water points that will ultimately be turned over to local entrepreneurs for long-term ownership and growth. In addition to these efforts, we have expanded our stove operations in Uganda to assist South Sudanese refugees by easing the dire wood shortages they face and thereby improving both their security and livelihoods.

None of this progress would be possible without the tireless efforts of our incredible staff and the generous contributions of our wonderful donors. We cannot thank you enough for your support.

Sincerely,

Daniel Wolf
Founder
Sustainable Cookstoves Impact Since 2006

**Cookstove Beneficiaries**
- 1.44 million+ individuals across East Africa (Uganda, Kenya, Tanzania, and Sudan) and Haiti have benefitted from fuel saving charcoal and firewood stoves
- 130,000 students and teachers in East Africa and Haiti have benefitted from fuel saving institutional stoves

**Livelelihood**
- 42 million+ woman-hours saved in reduced time spent collecting wood and cooking
- 10% increase in disposable income for 73,000 Ugandan families as a result of reduced charcoal costs
- 20% increase in disposable income for 53,000 Haitian families as a result of reduced charcoal costs

**Environment**
- 680,000 tons of CO2 conserved in East Africa and Haiti
- Over 3.4 million trees saved

**Health**
- 870,000 women and children benefitted in the form of reduced cough, eye irritation and headaches as a result of decreased exposure to toxic smoke
Sustainable 
Water Impact 
Since 2006

235,000+ individuals have gained household access to clean drinking water

29,000+ students and patients have gained institutional access to clean drinking water

13,000+ rural households and 25,000+ students have been sensitized on improved hygiene practices

9.2 million woman-hours saved annually in reduced time spent collecting water
ClearWater Initiatives
- 20,000 villagers gained full access to clean water
- 4,000 students gained access to clean water at school
- 2,000 rural families sensitized in improved hygiene and sanitation practices

Clean Cookstove Program
- 118,000+ Ugandan villagers benefitted from fuel-saving wood stoves
- 350+ institutional stoves constructed in schools in Uganda and Burundi with Lifeline support
- 61,000 Haitian urban and peri-urban dwellers benefitted from fuel-saving charcoal stoves
- 40,000+ South Sudanese refugees in Uganda benefitted from fuel-saving wood stove

Livelihood Impact
- 20+ million combined woman-hours saved in reduced time spent collecting wood/water and cooking
- 10% increase in disposable income for 3,600 Ugandan families as a result of reduced charcoal costs
- 20% increase in disposable income for 12,200 Haitian families as a result of reduced charcoal costs

Environmental Impact
- 155,000+ tons of CO2 saved
- 780,000 trees saved
South Sudanese Refugee Crisis
As a result of ongoing armed conflict and food scarcity in South Sudan, Uganda has resettled over 1 million refugees in the last year. To support this vulnerable community, Lifeline supplied 8,000 fuel saving wood stoves for distribution to refugees in Yumbe District. Lifeline also partnered with UNHCR and InterAid Uganda to distribute its fuel-saving wood stoves to 250 persons of special need – including single mothers, the elderly, and the disabled – in the Kiryandongo refugee settlement.

WFP Partnership in Burundi
Lifeline expanded on its partnership with the U.N. World Food Program to introduce fuel-saving institutional stoves in 350 primary and secondary schools in Burundi and successfully nurtured a private market to sell fuel-saving wood stoves to 25,000 households.

Borehole Preventative Maintenance Pilot
Lifeline launched a pilot program of its operations and maintenance business model in 12 communities across Apac District, Uganda in order to improve the functionality of local water points. In the first quarter, this resulted in boreholes properly delivering water for over 99% of their operating time.

Babington Clean Heat Partnership
Lifeline entered into a partnership with Babington Technologies, Inc. to introduce a potentially game-changing heating/cooking appliance to the developing world. The Babington FlexFire burner produces nearly zero emissions, runs on any combination of liquid fuels, and burns at a near-perfect rate of combustion.
Employing human and community centered design strategies, Lifeline has prioritized the user experiences of fuel collection and cooking in the development of its fuel-efficient cookstoves. This approach has resulted in adoption rates in excess of 90% and greater consumer interest in Lifeline’s cookstove technologies. Over the past year, more than 136,000 Ugandans have benefitted from fuel savings and reduced exposure to toxic smoke. At the same time, their usage of these stoves has helped preserving the environment and limit CO2 emissions.
Over the past year, Lifeline improved access to clean water for over 24,000 Ugandans by constructing and repairing 38 water wells and springs.

To ensure that these water points remain functional for years to come, Lifeline has designed a preventative maintenance system that minimizes the risk of breakdowns before they occur. By training local mechanics, establishing transparent community bank accounts, and engaging the district government to enforce community by-laws, Lifeline seeks to improve pump functionality and lower the costs of maintaining rural water infrastructures.

38 water points completed
24,000+ villagers and students gained improved access to clean drinking water in FY 2017
Haiti
In July 2014, Lifeline integrated its stove operations in Haiti with a local social enterprise – D&E Green Enterprises – in an effort to help D&E achieve profitability and provide sustainable access to fuel-saving stoves throughout Haiti. These stoves reduce charcoal consumption by about 40%, saving Haitian families up to $220 each year and allowing them to recoup up to 20% of their household income otherwise spent on fuel costs. In the past year, over 61,000 Haitians have benefitted from Lifeline and D&E’s fuel efficient cookstoves. Lifeline has spearheaded the R&D efforts behind these stoves, helped D&E grow its production capacity, and supported D&E’s efforts to establish a new consumer finance model that makes green technologies accessible to low-income families through a community co-operative approach.
Burundi
Building on its partnership with the U.N. World Food Program (WFP), Lifeline has continued to spearhead the Safe Access to Fuel and Energy (SAFE) initiative in Burundi by providing advisory support and oversight for the construction of 350 fuel-efficient institutional stoves at primary and secondary schools across the Cibitoke and Gitega provinces. In addition, Lifeline and a group of WFP partners – including Concern Worldwide, Action Batwa, Avedec, and Burundi Quality Stoves – are supporting the growth of a private market for fuel-saving household firewood stoves throughout rural communities in Burundi. By supervising the production process, advising on quality control measures, and training local producers on how to read temperatures and fire ceramic stoves in kilns, this initiative has supported the sale of 25,000 household stoves in the last year.

Burundi
Sustainable Cookstoves

125,000 villagers benefitted from access to fuel efficient household stoves
157,000 students/teachers benefitted from installation of 350 new fuel-saving cookstoves in schools
With over a decade of experience in the implementation of stove projects, Lifeline has become a leading agency in the sector with expertise in R&D, technical design, marketing and distribution, and user training. Lifeline is proud to provide advisory support to major institutions – including UNWFP, USAID, UNDP, and UNHCR – with technical advice on designing cookstove projects, country strategies for energy programs, and market assessments in refugee settings and developing markets.
### STATEMENTS OF FINANCIAL EXPENSES

<table>
<thead>
<tr>
<th>SERVICES</th>
<th>PROGRAM</th>
<th>MGMT</th>
<th>FUNDRAISING</th>
<th>TOTAL EXPENSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries / benefits</td>
<td>$384,261</td>
<td>$105,591</td>
<td>$68,715</td>
<td>$558,567</td>
</tr>
<tr>
<td>Business operations</td>
<td>$154,554</td>
<td>$1,754</td>
<td>$20,290</td>
<td>$176,598</td>
</tr>
<tr>
<td>Facilities / equipment</td>
<td>$251,883</td>
<td>$3,581</td>
<td>$2,845</td>
<td>$258,309</td>
</tr>
<tr>
<td>Insurance</td>
<td>$27,042</td>
<td>$33,643</td>
<td>$191</td>
<td>$60,876</td>
</tr>
<tr>
<td>Professional fees</td>
<td>$436,814</td>
<td>$8,137</td>
<td>$4,562</td>
<td>$449,513</td>
</tr>
<tr>
<td>Technology</td>
<td>$11,118</td>
<td>$1,206</td>
<td>$2,394</td>
<td>$14,718</td>
</tr>
<tr>
<td>Telephone / communications</td>
<td>$8,879</td>
<td>$1,922</td>
<td>$93</td>
<td>$10,894</td>
</tr>
<tr>
<td>Travel</td>
<td>$68,152</td>
<td>$28</td>
<td>$494</td>
<td>$68,674</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>$1,342,703</td>
<td>$155,862</td>
<td>$99,584</td>
<td>$1,598,149</td>
</tr>
</tbody>
</table>

### STATEMENTS OF FINANCIAL POSITION

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>FY2017</th>
<th>FY2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and cash equivalents</td>
<td>$72,747</td>
<td>$128,211</td>
</tr>
<tr>
<td>Grants receivable</td>
<td>$260,329</td>
<td>$519,702</td>
</tr>
<tr>
<td>Travel advances and other receivables</td>
<td>$109,758</td>
<td>$208,748</td>
</tr>
<tr>
<td>Inventory</td>
<td>$17,382</td>
<td>$5,539</td>
</tr>
<tr>
<td>Prepaid expenses</td>
<td>$4,243</td>
<td>$6,338</td>
</tr>
<tr>
<td>Furniture and equipment</td>
<td>$209,304</td>
<td>$228,885</td>
</tr>
<tr>
<td>Other assets</td>
<td>$8,800</td>
<td>$8,800</td>
</tr>
<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td>$682,563</td>
<td>$1,106,043</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LIABILITIES AND NET ASSETS</th>
<th>FY2017</th>
<th>FY2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current liabilities</td>
<td>$5,444</td>
<td>$30,570</td>
</tr>
<tr>
<td>Net assets</td>
<td>$677,119</td>
<td>$1,076,473</td>
</tr>
<tr>
<td><strong>TOTAL LIABILITIES AND NET ASSETS</strong></td>
<td>$682,563</td>
<td>$1,106,043</td>
</tr>
</tbody>
</table>

Program Expenses

- 79% UGANDA
- 16% HAITI
- 4% BURUNDI
Partnersship makes a global difference
TEAM

DC HQ
Daniel Wolf  Chief Executive Officer
Vahid Jahangiri  Deputy Director
Deborah Terry  Creative Director
Heidi Myers  Director of Finance
Sabrina Brown  Human Resources/Office Manager
Alison Filler  Program Officer
Richard Myers  Information Systems Engineer

UGANDA
Timket Biresaw  Country Director
Emmanuel Ojara  Senior WASH Program Manager
Felix Ongka  Senior WASH M&E Officer
Patrick Ojok  Senior Hygiene & Sanitation Officer
Paska Sizella  Hygiene & Sanitation Officer
Stefan Riethling  Environment Program Manager
Kyobe Umar Ahmad  Head of Operations - Stoves
Rebecca Apicha  Environment Program Officer
William Mwesigwa  Finance Officer
Ben Ochan  Logistics Manager
Babra Bridget Akello  Office Manager
Igor Markov  Senior WASH Technical Advisor
Justin Otai  Senior WASH Program Advisor
Kaye Sulpya  Senior Environmental Consultant

HAITI
Jimmy Bruce  Operations Manager
Allan Shelton  Senior Production Consultant
BOARD

Daniel Wolf  Founder
Deborah Terry  VP & Secretary
Jay Schulkin  Research Professor
Mark Lampert  Founder and President of Biotechnology Value Fund
Alexander Kunin  Vice President of Business Operations  DEXITIVE, Inc.
Amb. Harriet Isom  Former U.S. Ambassador (Cameroon, Benin, and Laos)
Dr. F. Ronald Denham  Former Chair of the Water & Sanitation Rotarian Action Group (WASRAG)
John P. Brown  Chief Operating Officer at Kernel
Brett D. Freedman  Counsel, U.S. Senate
Romanus Berg  Former Chief Operating Officer at Ashoka
THANK YOU!

lifelinefund.org