Sustainable, efficient cookstoves

Featured program for May 2015

Ripple Africa
Sustainable, efficient cookstoves
Introducing RIPPLE Africa

The Changu Changu Moto project will provide 3,000 low-tech, 100 percent sustainable, fuel-efficient cookstoves, built together by women beneficiaries and trained community volunteers.
Where in the world

The project is located in Nkhotakota District, Northern Region, Malawi.
What are we supporting?

The DFW grant of $45,000 over 2 years will be used to pay for supplies, staff hiring and training, project introduction, education, training and monitoring:

- Construction of 3,000 cookstoves
- One project coordinator hired
- Five lead community volunteers and 30 community volunteers hired

- One large meeting to introduce the project to the community
- Introductory meetings in each village to explain the project specifics
- One week-long training session for the new coordinator shadowing existing project staff in existing project areas
- 30 one-to-one training/support sessions (one per community volunteer) where the coordinator spends an intensive day with each community volunteer in their own area at the start of the project

- 3,000 hours of education and training with women recipients (one hour per household, as community volunteer and woman recipient build the stove together)
- Over 20,000 follow-up visits (a follow-up check to each household after one week, two weeks, eight weeks, and then quarterly until the end of the two year period)
Life Challenges of Malawian Women

In Malawi, social norms dictate a division of labor in the household based on gender, with cooking, cleaning, fuel-wood collection, childcare and managing basic household expenses deemed a woman’s responsibility.

- Burning fuel wood means women and young children breathe in amounts of smoke equivalent to consuming two packs of cigarettes per day.
- Both women and children regularly suffer burns from accidents related to hazardous open fires.
- Women spend many hours each week collecting wood, often in remote areas where they are at risk for violence and sexual assault. A Changu Changu Moto stove saves 10 hours of wood collecting each week.
# The Budget

How Dining for Women’s grant of $45,000 over two years will be used:

<table>
<thead>
<tr>
<th>Summary of costs</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Combined</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Total equipment for all the community volunteers</td>
<td>$1,248.00</td>
<td>$120.00</td>
</tr>
<tr>
<td>2</td>
<td>Total to make Changu Changu Moto for all chiefs</td>
<td>$5,760.00</td>
<td>$360.00</td>
</tr>
<tr>
<td>3</td>
<td>Total 4 quarterly visits for all chiefs in target area</td>
<td>$4,800.00</td>
<td>$4,800.00</td>
</tr>
<tr>
<td>4</td>
<td>Total coordinator costs for year</td>
<td>$3,072.00</td>
<td>$3,072.00</td>
</tr>
<tr>
<td>5</td>
<td>Total lead community volunteer costs for year</td>
<td>$3,840.00</td>
<td>$3,840.00</td>
</tr>
<tr>
<td>6</td>
<td>Total managers costs for year</td>
<td>$3,427.20</td>
<td>$3,427.20</td>
</tr>
<tr>
<td>7</td>
<td>Total additional costs per chief</td>
<td>$6,960.00</td>
<td>$3,360.00</td>
</tr>
<tr>
<td>8</td>
<td>Total for project (Includes $3,000 from donations already received)</td>
<td>$29,107.20</td>
<td>$18,979.20</td>
</tr>
<tr>
<td>9</td>
<td>Total cost per Changu Changu Moto (per person)</td>
<td>$9.70</td>
<td>$6.33</td>
</tr>
</tbody>
</table>
The mission of RIPPLE Africa is to improve the standard of education and healthcare, preserve and sustainably develop the environment and create opportunities for the local communities in the Nkhata Bay District of Malawi.

RIPPLE Africa’s philosophy of “providing a hand up and not a hand out” has been central to the charity’s ideology for more than a decade. The organization was founded in 2003 by an English couple, Geoff and Liz Furber, as a small grassroots organization supporting local education and community projects in Malawi.
Share Your Thoughts

• How do you think reducing the burden of collecting wood will impact the daily lives of women who gain as many as 10 hours per week as a result?

• How do you think the two-year monitoring process will help women transition to this new way of cooking?

• As women are recruited as community volunteers, what impact do you think that will have as they serve as role models?