



# Changu Changu Moto Fuel Efficient Cookstove



**Saving 80,000 bundles of wood per week**

- Less Firewood - Less Smoke - Cooks Quickly
- Safer for Children - More Space in the Kitchen
- Cleaner (less ash) - Two Cooking Fires

## Disadvantages of a three-stone fire



Three to four bundles of wood are needed each week and each bundle takes three to five hours to collect



One and a half to two million people around the world die prematurely from breathing in smoke from cooking fires



In a local survey, 60% of the families asked had one member of the family burnt by a three-stone fire



Three-stone fires not only use a lot of wood, but they are also very inefficient

## Advantages of a Changu Changu Moto



Only one bundle of wood is required per week, saving over 100 bundles of wood per year per Changu Changu Moto



The fire is contained and is at the side of the kitchen, making it safer and providing more space. The Changu Changu Moto also produces less smoke



The Changu Changu Moto only uses small amounts of wood, is much more efficient and cleaner to use, and benefits from a double burner

## The Changu Changu Moto is quick and easy to build



All you need is 26 bricks, a hoe, a trowel, a bucket, a 5 litre container, and clay and sandy soil



Assemble the bricks like this and use the mud mixture as a mortar between the bricks and between each layer



Cover the Changu Changu Moto with a mud mixture



Finally, create the pot rests. The Changu Changu Moto will need regular maintenance by the householder

## How does the programme work?



Our coordinators train local community volunteers and help them to make the community aware of the project



Members of the community are responsible for making sure that the materials are available at their kitchen



The community makes the bricks (unburnt bricks are best), either as a community or at each individual house



With the householder we make the Changu Changu Moto in the kitchen, and teach about wood use and maintenance