

## **GS7142 - Non-Technical Summary**

### **Project General Description**

This is a clean cookstove project. The project reduces greenhouse gas emissions by disseminating a clean and fuel-efficient stove known as Chitetezo Mbaula to replace low efficient traditional stoves or 3-stone fires used by the targeted population in Malawi, so that firewood and charcoal consumption could be reduced.

Initially the project stoves have been distributed across communities in Mulanje and Phalombe districts, Malawi. The distribution network would gradually be expanded to cover Chikwawa and Nsanje districts, using retail points and agents. The project owner (MMCT) is the local project manager working with the community to train Stove Producers Groups (SPG's) and has been operating the project from its offices in the city of Mulanje.

The project is a small-scale greenhouse gas emission reduction project developed under the Gold Standard (GS). It is estimated that the project could generate around 40,000 tCO<sub>2</sub> emission reductions annually.

As a greenhouse gas emission reduction project, as per regulations from GS, it can claim the emission reductions for 21 years in total (7 years for each crediting period and totally 3 crediting periods). The first crediting period of the project will end in November 2023, and now the project is seeking for crediting period renewal under GS.

### **Technologies**

The Chitetezo Mbaula (CM) stove is a portable cookstove that is produced locally mostly by women. It is made of clay with a hole fashioned in the side to allow air and fuel entry and has fixed pot rests on the top. It is designed to burn fuelwood and crop residues.



These cookstoves are more efficient than the traditional cooking fires due to their improved thermal efficiency and can reduce the wood consumption by half compared to traditional three stone fires. They also reduce indoor air pollution, are safer since there is no open flame, and they greatly benefit women and children since they can reduce their time collecting firewood by half.

### **Economic, social, and environmental impacts**

Health Impacts:

- The project will result in a healthier cooking environment due to less exposure to smoke compared with cooking by using old traditional low-efficiency stoves.

Environmental Impacts:

- The project will help reduce the exploitation of non-renewable biomass and help combat deforestation.
- The project will reduce air pollution from cooking as the Chitetezo Mbaula produces less smoke than traditional inefficient cook stoves.
- Reduced burning of non-renewable biomass will lead to reduced greenhouse gas emissions that contribute to climate change.

#### Social and Economic Impacts:

- Households using the Chitetezo Mbaula stove would spend less on fuel purchase or collection.
- The project will alleviate the burden on women as they would cook faster than before due to the high efficiency of stoves. This will provide more opportunities for productive work.
- Increased local employment opportunities due to stove manufacture and distribution requirement.

#### Method to contact and provide feedback

You can use the following methods and contacts details to reach us and get more information of the project or provide feedback on the project. All comments received will be recorded and transmitted to the project manager in charge.

	Method Chosen
Continuous Input / Grievance Expression Process Book	<p>A comment box is available in MMCT's office. Local stakeholders can go to the office and put their comments in the box or provide their inputs or grievances to MMCT's staff.</p> <p>Address : MMCT, P.O. box 139, Mulanje</p>
Telephone access	<p>MMCT contact person: Henry Chinthuli</p> <p>Tel: +265 (0) 880 60 59 90</p>
Internet/email access	<p>MMCT contact person : Henry Chinthuli</p> <p>henry@mountmulanje.org.mw</p> <p>info@mountmulanje.org.mw</p> <p>Swiss Carbon Value Ltd.: Thomas Batardy</p> <p>t.batardy@southpole.com</p> <p>Gold Standard:</p> <p>help@goldstandard.org</p>