GS7142 – Non-Technical Summary

1 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_2 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 Gold standard.

2 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.

3 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.

4 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	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. Address : MMCT, P.O. box 139, Mulanje Keyala ndi : MMCT, P.O. Box 139, Mulanje.
Telephone access	MMCT contact persons: • Henry Chinthuli - +265 (0) 880 60 59 90
Internet/email access	MMCT contact person : • Henry Chinthuli - henry@mountmulanje.org.mw • Carl Bruessow - carl@mountmulanje.org.mw • General Information - info@mountmulanje.org.mw Swiss Carbon Value Ltd. Contact person : • Thomas Batardy - t.batardy@southpole.com Gold Standard contact: • help@goldstandard.org

GS7142 – Kufotokozera Mwachidule za Polojeketi ya Mbaula

1. Kufotokozera za Polojeketi

Polojeketiyi ndiyokhudza mbaula zaukhondo. Ntchitoyi ithandiza kuchepetsa mpweya woyipa wapadziko pogwiritsa ntchito mbaula zaukhondo komanso zofuna nkhuni zochepa, zotchedwa ‘’ Chitetezo Mbaula’’ kulowa mmalo mwa mchitidwe wophikira pa mafuwa atatu, womwe umaononga nkhuni zambiri komanso ndi omwe anthu ambiri mdziko kino amagwiritsa ntchito. Pogwiritsa ntchito mbaula yamakonoyi, mchitidwe wogwiritsa ntchito nkhuni ndi Makala ambiri utha kuchepa.

Poyambilira, polojeketi ya Mbaula yakhala ikuchitika mmidzi yambiri mmaboma a Mulanje ndi Phalombe kuno ku Malawi. Kufalaku pang’ono ndi pang’ono kufika ku maboma a Chikwawa ndi Nsanje, mnjira yogulitsa mbaulazi kudzera kwa amkhalapakati. Bungwe la MMCT ndi lomwe likutsogolera polojeketiyi pophunzitsa Magulu Owumba Mbaula (MOM) ndipo lakhala likugwira ntchitoyi kuchokera ku maofesi ake a ku Mulanje.

Polojeketiyi ndi ntchito yaying’ono yolimbana ndi kuchepetsa mpweya woyipa padziko lapansi, mogwirizana ndi ndondomeko zomwe zidakhadzikitsidwa zotchedwa Gold Standard (GS). Chiyerekezo chokha nchakuti polojeketiyi itha kuthandizira kuchepetsa mpweya woyipa wokwanira 40,000 tCO_2 pachaka.

Ngati polojeketi yochepetsa mpweya woyipa padziko, potsatsira ndondomeko ya Gold Standard (GS), ndiye kuti polojeketiyi ikhodza kupempha ndalama za chipukutira misonzi kaamba kantchitoyi kwa zaka 21 (izi zikutanthauza zaka 7 kupempha chipukutira mizonzi kamodzi pamodzi kupempha katatu (3)

2. Ukadaulo wakapangidwe ka Mbaula yi

Mbaula ya Chitetezo (MC) ndiyotheka kuyichotsa malo ena nkukayikanso pena ndipo kwambiri imawumbidwa ndi azimayi. Mbaulayi imapangidwa pogwiritsa ntchito dongo , la dothi, yokhala ndi mphako yokwanira kuti mpweya udzilowa bwino nkuyakitsa nkhuni zokhala mphakomo, komanso imakhala ndi mafuwa mokhadzikira chiwiya chophikiracho. Mbaulayi idapangidwa kuti itha kugwiritsa ntchito nkhuni ndinso masasa ockokera kumbeu zakumunda.

Mbaula zachitetezo ndizosunga nkhuni kwambiri pofananiza ndi njira za makolo zophika pa mafuwa atatu ndipo kafukufuku waonetsa kuti imasunga pafupi theka la nkhuni zomwe zikanaonongeka panjira inayi. Mbaula yi imachepetsanso mpweya woyipa pamalo omwe ikugwiritsidwa ntchito, ndiopewetsa ngozi chifukwa siitulutsa Malawi a moto ambiri. Mbaulayinso ili ndi ubwino waukulu kwa amayi ndi ana chifukwa imachepetsa nthawi yokatola nkhuni ndi theka, poyerekeza ndi njira ya makolo yi.

3. Zotsatira zake pa Chuma, Umoyo ndinso ku zachilengedwe

Kusintha pa Zaumoyo

- Polojeketi idzalimbikitsa kaphikidwe kopatsa thanzi labwino kwa ogwiritsa ntchitoyo chifukwa cha kuchepa kwa utsi omwe akuupuma, poyerekeza ndi njira ya makolo zophikira zomwe zimaononga nkhuni zochuluka.

Kusintha pa zachilengedwe

- Polojeketiyi idzathandiza kuchepetsa mchitidwe wokolola nkhuni mowirikiza ndikuthandizanso kulimbana ndi kutha kwa nkhalango
- Polojeketi idzathandiza kuchepetsa kuonongeka kwa mpweya pophika popeza Chitetezo Mbaula imatulutsa utsi wochepa kwambiri poyerekeza ndi njira ya makolo yowononga nkhuni zambiri.
- Kuchepa kwa nkhuni zokupysa kudzathandiza kuchepa kwa mpweya woyipa womwe ungathe kubweretsa kusintha kwa nyengo.

Kusintha pa Umoyo ndinso Chuma

- Makomo ogwiritsa Chitetezo Mbaula adzaononga chuma chochepa pogula kapenanso kutolera nkhuni.
- Polojeketiyi idzachepetsako chipysinjo kwa azimayi popeza adzaphika kanthawi kuyerekeza ndi poyamba chifukwa cha Mbaula ndiyophika mwachangu komanso yowononga nkhuni zochepa. Zimenezi zidzaperekanso mwayi wokagwira ntchito zina zobweretsa chithandizo cha ndalama pakhomo.
- Polojeketi idzathandizanso kupereka mwayi wantchito kupyolera muntchito yowumba ndinso kugulitsa

4. Njira yoti mutipeze ndinso kupereka maganizo anu

Mutha kugwiritsa ntchito njira ziri mmunsizi kuti mutipeze kapenanso kupereka maganizo anu okhudza za polojeketiyi. Manganizo Onse operekedwa adzasungidwa ndi kutumizidwa kwa Mulangizi Yemwe akutsogolera polojeketityi.

	Njira Yosankhidwa
Bokosi yomayikamo maganizo athu	Bokosi loyikamo ndemanga zathu liripo ku maofesi a MMCT. Anthu akhodza kupita ku maofesi wa ndikuponyamo maganizo awo Keyala ndi : MMCT, P.O. Box 139, Mulanje.
Mwayi woyimba foni	Woyenera kumuyimbira ku MMCT ndi: • Henry Chinthuli - +265 (0) 880 60 59 90

Mwayi wogwiritsa ntchito intaneti kapenanso imelo	Woyenera kumuyimbira ku MMCT ndi: • Henry Chinthuli - henry@mountmulanje.org.mw • Carl Bruessow - carl@mountmulanje.org.mw • General Information - info@mountmulanje.org.mw Woyenera kumuyimbira ku Swiss Value Ltd ndi: • Thomas Batardy - t.batardy@southpole.com Woyenera kumuyimbira ku Gold Standard ndi: • help@goldstandard.org