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for the Global Goals

TEMPLATE

STAKEHOLDER CONSULTATION REPORT

PUBLICATION DATE **14.10.2020**

VERSION **v. 1.1**

RELATED SUPPORT

- TEMPLATE GUIDE Stakeholder Consultation Report v. 1.1

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[TEMPLATE GUIDE Stakeholder Consultation Report v. 1.1](#)

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KEY PROJECT INFORMATION

GS ID of Project	GS11535
Title of Project	Clean Electric Cooking for Households in Malawi
Version number of the SCR	1.0
Completion date of version	21/03/2022
Time of First Submission Date	21/03/2022
Start Date of the Project	Expected in April 2022
Date of Meeting (s)	10/11/2021, 16/11/2021, 18/11/2021
Project Cycle:	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Retroactive

SECTION A. INFORMATION MADE AVAILABLE TO STAKEHOLDERS

A.1. A non-technical summary of the project

>>

The main objective of the project is to provide access to clean and affordable electric cooking for electrified households in order to displace the use of unsustainably sourced firewood and charcoal for cooking purposes.

The project activities shall be supported by carbon funding for the reduction of greenhouse gases. For this purpose, registration under the Gold Standard is addressed. The Gold Standard is one of the highest available standards for climate change mitigation projects, following strict social and environmental criteria. The Local Stakeholder Consultation is an essential part of the project registration process.

Project Implementation

The project will first be implemented in Malawi by Mulanje Mountain Conservation Trust in the hydropower mini-grid in Mulanje, operated by Mulanje Electricity Generation Agency (MEGA). atmosfair gGmbH, a German non-profit, will provide financing for the project and coordinate the activities relevant for the Gold Standard certification process.

Despite having access to electricity, it is still common for households to cook with biomass as the high investment costs for electric cooking equipment still represent a barrier for the replacement of biomass stoves and three-stone fire cooking setups. The project aims at helping households overcome this barrier by providing electric cooking sets at a subsidised price and a flexible payment model along with the necessary training to guarantee a successful experience for the users. The electric cooking sets delivered by this project consist of a high-quality single or double 1kW-2,5kW electric hotplate, suitable high quality pots as well as the high-insulation heat retention device Wonderbox.

While starting in Mulanje, the project shall later be expanded to other mini-grids in Malawi that are powered by renewable energy sources.

A.2. Contact details to get further technical detail and project information

>>

atmosfair gGmbH:

Annika Richter

Email: richter@atmosfair.de

Phone: +49 (0) 30 120 84 80 – 0

Mulanje Mountain Conservation Trust:

Arnold Kadziponye

Email: arnold@mountmulanje.org.mw

Phone: +265 999 94 20 80

A.3. Summary of economic, social and environmental impacts of the Project

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Besides reducing GHG emission in line with the UN's Sustainable Development Goal (SDG) number 13, the project will also contribute to the following SDGs:

SDG 3: Reducing adverse health effects resulting from indoor air pollution

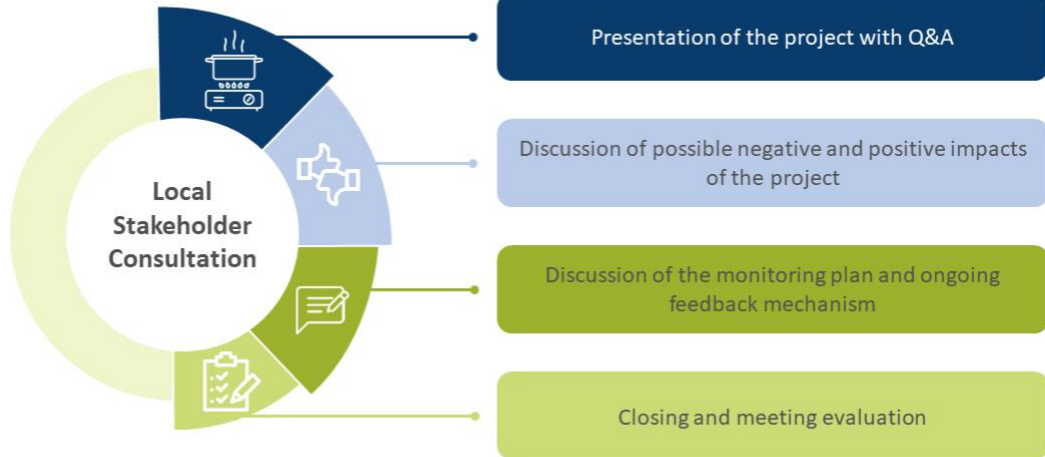
SDG 7: Providing access to clean and affordable cooking

SDG 15: Protecting forests and reducing deforestation

A.4. Other relevant information to help stakeholders understand the project

>>

The Local Stakeholder Consultation serves to inform stakeholders about activities and solicit feedback



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04/01/2022

atmosfair gGmbH

atmosfair is a German non-profit climate NGO



- Founded 2004 under the patronage of former UNEP executive director Klaus Töpfer
- Funded by voluntary climate donations through carbon offsetting of air travel
- Projects in 25 countries across the world
- Projects include renewable energy, energy efficiency, waste management and climate change education
- Projects are certified under carbon credit standards Clean Development Mechanism (UN) and/or Gold Standard



- atmosfair will co-fund the project and manage certification under Gold Standard



Compost Plant, Dar es Salaam



Improved cookstoves, Rwanda



Electric taxis, Nairobi



Solar irrigation, Morocco

Seite 3

04.01.2022



The Gold Standard is one of the most renowned quality standards for carbon credits



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Having access to electricity does not necessarily mean you use it for cooking

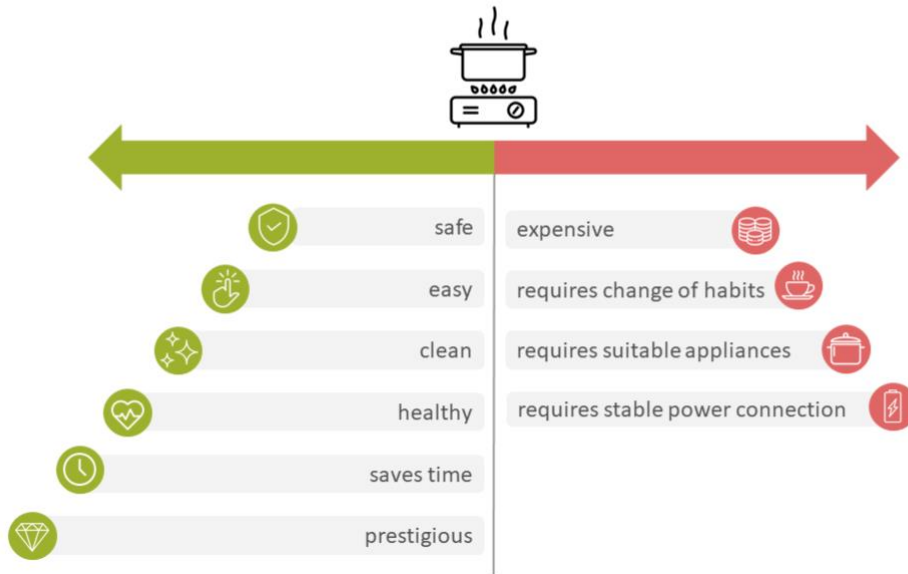
1.8 billion people worldwide cook with biomass despite having access to electricity.¹



5 04.01.2022 atmosfair gGmbH

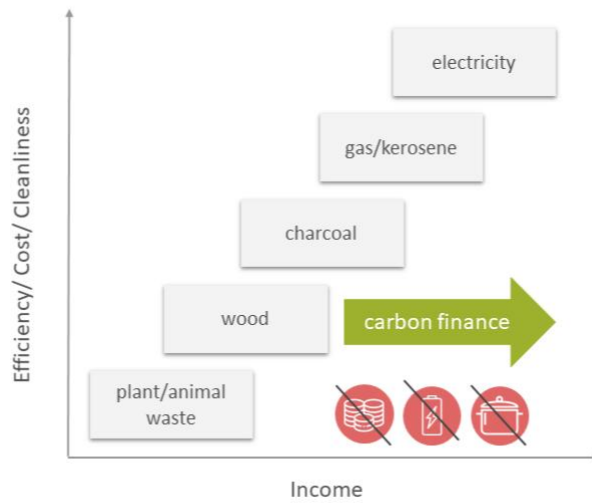
¹ Modern Energy Cooking Services <https://mecs.org.uk/>

There are significant barriers to electric cooking that hamper uptake



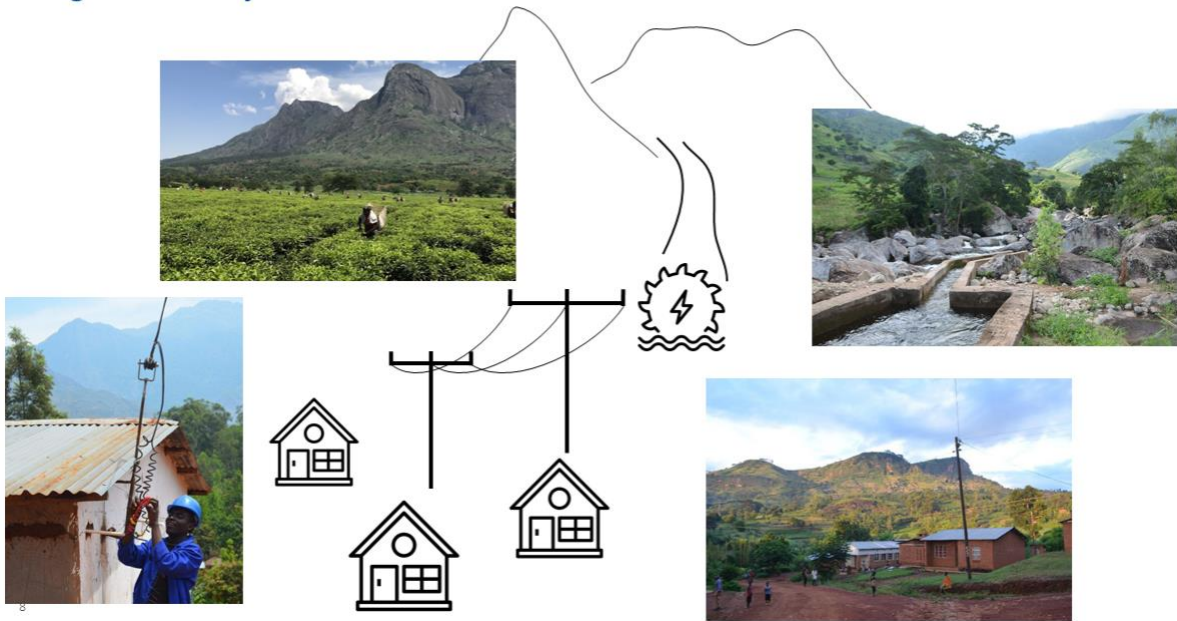
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Carbon finance can help overcome some of the barriers and push households up the energy ladder

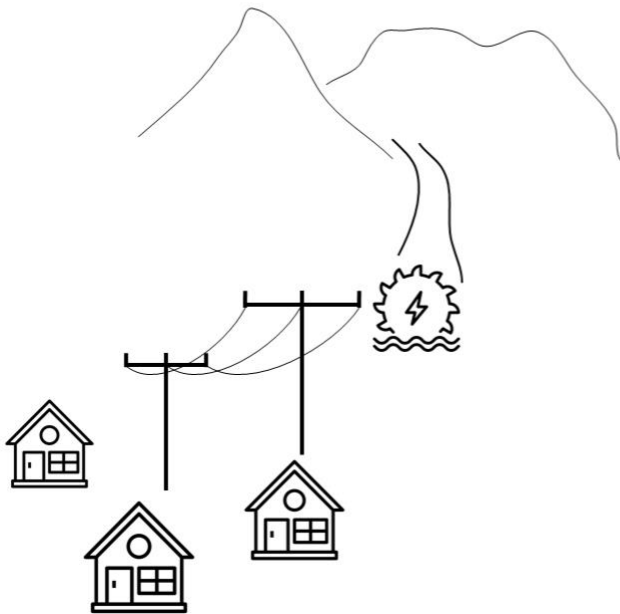


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A pilot project has been successfully implemented in the MEGA mini-grid in Mulanje

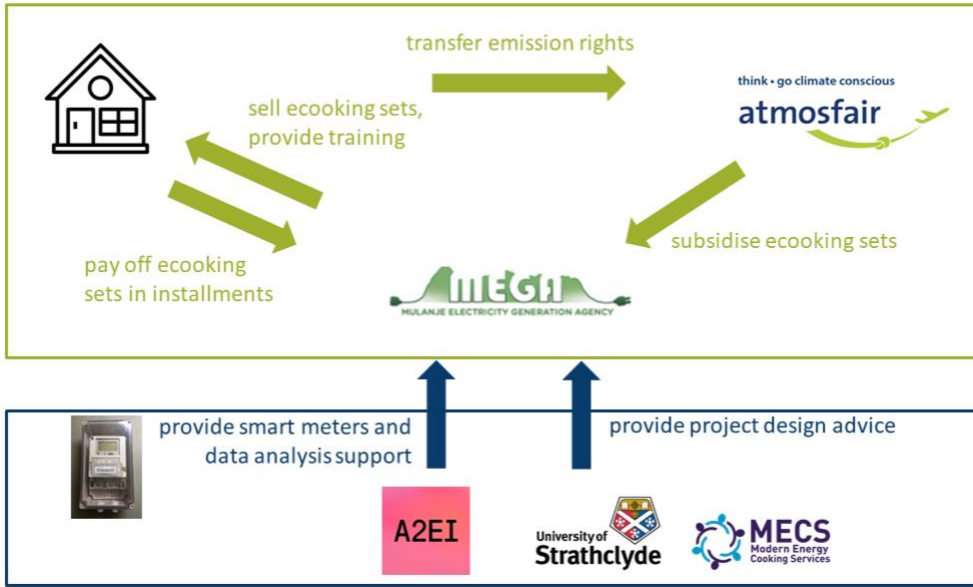


The MEGA mini-grid is the ideal site for the electric cooking pilot



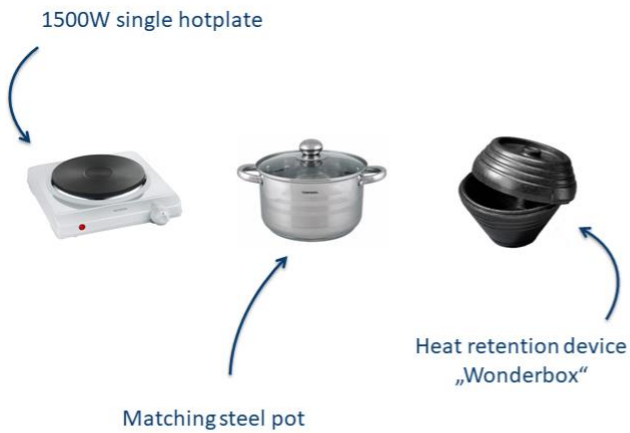
- ✓ very cheap electricity tariff of 0.09 USD/kWh
- ✓ stable electricity supply most of the year
- ✓ electricity 100% renewable
- ✓ MMCT has strong community engagement
- ✓ only 5% cook with electricity at the moment
- ✓ big interest from households in electric cooking
- ✓ higher electricity demand will help mini-grid cashflow

atmosfair and MMCT are supported by partners A2EI and University of Strathclyde



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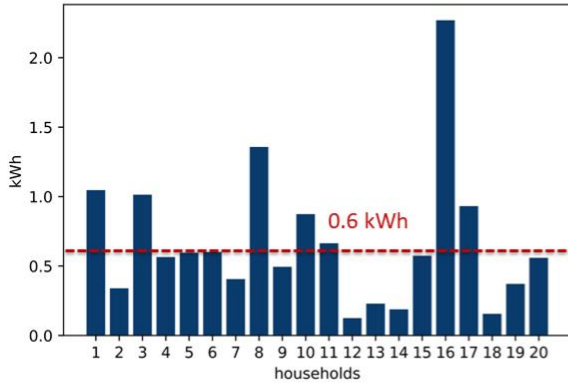
In the pilot phase 20 households received subsidised electric cooking sets



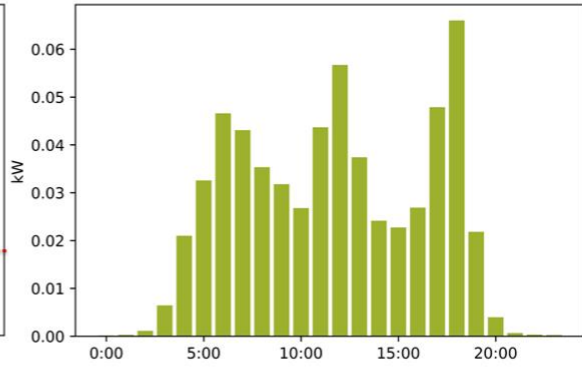


Pilot households are using the hotplates regularly but continue to also cook with biomass

Average daily cooking power consumption by household



Average cooking power consumption by hour

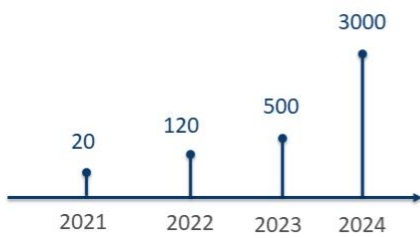


12 04.01.2022 atmosfair gGmbH

The project shall be scaled up over the next years to provide electric cooking sets to thousands of households



Number of ecooking sets in use over time



- Offer double rather than single hotplates
- Source as many components as possible locally
- Set up monitoring system for cooking power consumption
- Extend project to other mini-grids in Malawi



13 04.01.2022 atmosfair gGmbH

A	Maize Mill owner/ Chikoka Investments		M	Letter	13.10.2021
A	Vice President/ Bondo Cooperative		M	Letter	08.10.2021
A	Deputy Headteacher/ Kabichi Secondary School		M	Letter	7.10.2021
A	Headteacher/ Kabichi Primary School		M	Letter	7.10.2021
A	Businessman		M	Letter	11.10.2021
A	CEO/ Green Impact Technologies		M	Letter	18.10.2021
B	Programme manager/ Church Action for Relief and Development		F	Whatsapp	08.10.2021
B	Local Chief		M	Letter	13.10.2021
B	Ward Councillor/ Local Council Representative		M	Letter	13.10.2021
B	Traditional Authority		M	Letter	13.10.2021
B	Network Chairperson/ Mulanje CSO Network		M	Letter	13.10.2021
B	Association Chairperson/ Sapitwa Bee-keepers			Letter	16.10.2021
B	Mulanje Chapter/ Malawi Economic Justice Network			Letter	
B	Bondo Health Centre Incharge/ District Health Office		M	Letter	16.10.2021
B	Headteacher - Kabichi Primary/ Education Office		M	Letter	07.10.2021

B	Headteacher - Kabichi Primary/ Education Office		M	Letter	07.10.2021
C	District Commissioner/ Local Government Ministry		M	Letter	13.10.2021
C	Director of Planning and Development/ Mulanje Council		M	Letter	13.10.2021
C	District Environmental Officer/ Mulanje Council		F	Letter	16.10.2021
C	District Forestry Officer/ Department of Forestry		M	Letter	13.10.2021
C	Zodiac Broadcasting Station/ Media		M	Letter	16.10.2021
D	Department of Energy Affairs		M	Email	18.10.2021
D	Department of Energy Affairs		M	Email	18.10.2021
D	Environmental Inspector, Climate Change Section/ Environmental Affairs Department (DNA)		M	Email	18.10.2021
D	Principal Env Officer/ Environmental Affairs Department (DNA)		F	Email	18.10.2021
E	CEO, board member/ Ecolodgy/RENAMA		F	Email	18.10.2021
E	Programmes Manager/ RENAMA		M	Email	18.10.2021

E	Team Leader EnDev/ GIZ		M	Email	18.10.2021
E	Programme Manager Sustainable Energy Unit/ United Purpose		M	Email	18.10.2021
E	United Purpose		M	Email	18.10.2021
E	Project Coordinator/ SADC Centre for Renewable Energy and Energy Efficiency		M	Email	18.10.2021
E	Consultant/ Food and Energy		F	Email	18.10.2021
E	Country Director/ Community Energy Malawi		M	Email	18.10.2021
E	GIZ		F	Email	18.10.2021
E	Programme Manager – Energy/ UNDP		M	Email	18.10.2021
E	Coordinator - Energy Access/ UNDP		F	Email	18.10.2021
E			F	Email	18.10.2021
E	Mulanje Mountain Conservation Trust		M	Email	18.10.2021
E	Plan International		M	WhatsApp	08.10.2021
F	Gold Standard representative		N/A	Email	18.10.2021
G	United Purpose		M	Email	18.10.2021
G	Global Offset Research		M	Email	18.10.2021
G	CEDESOL		M	Email	18.10.2021
G	Lean Management Systems Promotion Society		M	Email	18.10.2021
G	HIVOS		M	Email	18.10.2021

G	Concern Health Ghana		M	Email	18.10.2021
G	myclimate		M	Email	18.10.2021
G	Galactica Foundation		M	Email	18.10.2021

B.1.1. Appropriateness of methods

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The Local Stakeholder Consultation was split into three separate meetings in three different locations, in order to reach as many relevant stakeholders as possible. One meeting was held in the capital Lilongwe and two were held in Mulanje district. Out of these two, one was held in the city of Mulanje and the other one in Bondo, a village close to Mulanje, where most of the users from the pilot phase of the project are located. For the meeting in Lilongwe all invites were sent out by email as that is the main form of professional communication for the stakeholders that were invited. For the meetings in Mulanje, stakeholders were invited either by hand-delivered letter or via WhatsApp. Especially the users and traditional authorities who were invited to the meeting in Bondo village were invited by letter, as not all of them have internet access.

B.1.2. Gender Sensitivity

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Careful attention was paid to inviting female stakeholders in order to ensure their representation at the stakeholder meetings. This is especially important since the majority of users of the electric cooking sets are women. Regardless of this, it is common cultural practice especially in rural communities in Malawi, that the household is represented by males at events such as this. Furthermore, many of the relevant organisations and institutions for this project were represented by men.

B.1.3. Evidence proving invites took place as stated

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A sample email invite for the meeting in Lilongwe:



Earlier this year, Mulanje Mountain Conservation Trust (MMCT) and German non-profit atmosfair gGmbH kicked off a pilot project supporting electric cooking in the MEGA mini-grid through carbon finance. After successful completion of the pilot project, we are ready to scale the project to the next level.

Therefore, we are delighted to invite you to the Local Stakeholder Consultation of the project "Clean Electric Cooking for Households in Malawi" on **Wednesday, 10th November 2021 at 9:00am in Lilongwe**. The location of the meeting will be announced closer to the event.

At the meeting we will inform you about the ongoing and planned activities under this project and discuss potential environmental, social and economic impacts with you. Please find the official invitation, background information and contact details attached.

Your presence (or that of your representative) would be highly appreciated, as your active participation and feedback will contribute to the success of the project. Please inform us whether you will be attending or not by **27th October** to help us organise the logistics.

Refreshments will be served, but please note that we will not be able to provide allowances or reimbursement of travel costs for participants, as atmosfair is a non-profit funded entirely by donations.

If you are unable to attend the meeting, we would appreciate to receive your comments by email.

Kind regards,

Annika Richter (she/her)
Project Developer



atmosfair gGmbH - Zossener Str. 55-58 - 10961 Berlin
Web www.atmosfair.de
Phone +49 (0)30 1208480-63
Mobile +49 (0)163 1967710
Skype richter@atmosfair.de
[LinkedIn](#)

B.1.4. Sample content of invites (for each Method above)

All stakeholders for the Lilongwe and Mulanje city meeting received the following invitation in both English and Chichewa, either by email, WhatsApp or as a printout.



Invitation to the Local Stakeholder Consultation

Clean Electric Cooking for Households in Malawi

The project "Clean Energy Cooking for Households in Malawi" is an initiative of the German non-profit organisation atmosfair gGmbH and the Mulanje Mountain Conservation Trust (MMCT). It aims at providing access to clean and affordable cooking for electrified households in Malawi. The project will be registered under the Gold Standard and will contribute to the sustainable development of the local community, particularly to Sustainable Development Goals (SDGs) 3, 7 and 15.

The project initiators are delighted to invite you to the Local Stakeholder Consultation to inform you about the ongoing project activities and the next steps. The purpose of the meeting is to discuss potential environmental, social and economic impacts of the project with local stakeholders and to establish an ongoing mechanism for feedback.

The meeting will be held on **Thursday, 18th November 2021** at **9:00 am** at Mulanje Boma in the MMCT board room.

The preliminary agenda of the meeting can be found below. Covid-19 hygiene rules will be followed and refreshments will be provided.

09:00 – 09:15	Welcome and introduction
09:15 – 09:40	Presentation of the project
09:40 – 10:00	Clarification of questions about the project
10:00 – 10:45	Sustainable Development impacts
10:45 – 11:00	Break
11:00 – 12:00	Safeguarding principles and grievance mechanisms
12:00 – 12:30	Closing and meeting evaluation

Your presence (or that of your representative) would be highly appreciated, as your active participation will contribute to the success of this meeting. Please inform us whether you will be attending or not by **4th November 2021** to help us organise the logistics.

If you are unable to attend, we would appreciate to receive your comments by email.

Our contact details are provided below.

Contact details

<p>atmosfair gGmbH</p> <p>Annika Richter Email: richter@atmosfair.de Phone: +49 (0) 30 120 84 80 – 0</p>	<p>Mulanje Mountain Conservation Trust</p> <p>Arnold Kadzipyonye Email: arnold@mountmulanje.org.mw Phone: +265 999 94 20 80</p>
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Key information on the project

Clean Electric Cooking for Households in Malawi

The main objective of the project is to provide access to clean and affordable electric cooking for electrified households in order to displace the use of unsustainably sourced firewood and charcoal for cooking purposes.

The project activities shall be supported by carbon funding for the reduction of greenhouse gases. For this purpose, registration under the Gold Standard is addressed. The Gold Standard is one of the highest available standards for climate change mitigation projects, following strict social and environmental criteria. The Local Stakeholder Consultation is an essential part of the project registration process.

Project Implementation

The project will first be implemented in Malawi by Mulanje Mountain Conservation Trust in the hydropower mini-grid in Mulanje, operated by Mulanje Electricity Generation Agency (MEGA). atmosfair gGmbH, a German non-profit, will provide financing for the project and coordinate the activities relevant for the Gold Standard certification process.

Despite having access to electricity, it is still common for households to cook with biomass as the high investment costs for electric cooking equipment still represent a barrier for the replacement of biomass stoves and three-stone fire cooking setups. The project aims at helping households overcome this barrier by providing electric cooking sets at a subsidised price and a flexible payment model along with the necessary training to guarantee a successful experience for the users. The electric cooking sets delivered by this project consist of a high-quality single or double 1kW-2,5kW electric hotplate, suitable high quality pots as well as the high-insulation heat retention device Wonderbox.

While starting in Mulanje, the project shall later be expanded to other mini-grids in Malawi that are powered by renewable energy sources.

Tentative Implementation Plan

2020	Pilot project with 20 households
2021	Scale-up to 120 households
2022	Scale-up to 500 households
2024	Scale-up to 3000 households

Social, economic and environmental impacts

Besides reducing GHG emission in line with the UN’s Sustainable Development Goal (SDG) number 13, the project will also contribute to the following SDGs:



SDG 3: Reducing adverse health effects resulting from indoor air pollution



SDG 7: Providing access to clean and affordable cooking



SDG 15: Protecting forests and reducing deforestation



Kuitanidwa Ku msonkhano wa onse okhudzidwa m’dera

Kugwiritsa Ntchito Magetsi Pophika ku Malawi

Ntchito ya "Clean Energy Cooking for Households in Malawi" ndi ntchito yomwe bungwe lomwe silaboma la ku Germany lotchedwa Atmosfair gGmbH mogwirizana ndi bungwe la Mulanje Mountain Conservation Trust (MMCT) likuyambitsa kuno kwathu. Cholinga cha ntchitoyi ndikupereka mwayi wophika bwino komanso wotsika mtengo m'mabanja omwe ali ndi magetsi ku Malawi. Ntchitoyi idzalembetsedwa pansu pa Gold Standard ndipo ithandizira kukulitsa chitukuko cha kwa Bondo, makamaka kukwaniritsa Sustainable Development Goals (SDGs) 3, 7 ndi 15.

Omwe akuyendetsa ndondomeko yoyambitsa ntchitoyi akukuitanani ku zokambirana za onse omwe akukhudzidwa kuti akudziwitseni za zomwe zizichitika mu polojekitiyo ndi ndondomeko zoyenera kutsatidwa. Cholinga cha msonkhanowu ndi kukambirana zomwe zidzachitike ngati zotsatira za chitukukochi, zachilengedwe komanso zachuma zomwe zidzachitike ndi pulojekitiyo ndi omwe akutengapo gawo, ndikukhazikitsa njira zoperekera madandaulo ndi mayankho.

Msonkhanowu udzachitika Lachinayi, pa **18 Novembala 2021 nthawi ya 9:00** m'mawa ku **Mulanje Boma, MMCT Boardroom**.

Tikuyerekeza kuti dongosolo la msonkhanowu lidzayenda monga pansipa. Malamulo aukhondo a Covid-19 adzatsatiridwa ndikupatsanso zakumwa zozizilitsa kukhosi.

09:00 – 09:15	Kulandila msonkhano ndi kudziwana
09:15 – 09:40	Kufotokozerana za ntchitoyi
09:40 – 10:00	Kulandira ndi kuyankha mafunso okhudza ntchitoyi
10:00 – 10:45	Phindu la ntchitoyi ku dziko la Malawi komanso SDGs
10:45 – 11:00	Kupuma
11:00 – 12:00	Kupereka mfundo ndi kukambirana njira zoperekera madandaulo
12:00 – 12:30	Kutseka msonkhano komanso kuwunika msonkhano

Kupezeka kwanu (kapena nthumwi yanu) kudzayamikiridwa kwambiri, chifukwa kutenga nawo gawo kwanu kudzathandizira kuti msonkhano uno upambane. Chonde tiuzeni ngati mudzakhalepo kapena ayi pofika pa **4 Novembala 2021** kuti zitithandizire kukonzereka bwino.

Ngati simudzatha kukhala nawo, tingakondwere kulandira ndemanga zanu kudzera pa imelo.

Mukhoza kudziwa zambiri polumikizana ndi:

<p>atmosfair gGmbH</p> <p>Annika Richter Email: richter@atmosfair.de Phone: +49 (0) 30 120 84 80 – 0</p>	<p>Mulanje Mountain Conservation Trust</p> <p>Arnold Kadziponye Email: arnold@mountmulanje.org.mw Phone: +265 999 94 20 80</p>
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Zambiri pa polojekitiyi Kuphikira Magetsi Moyenera M'nyumba za ku Malawi

Cholinga chachikulu cha ntchitoyi ndikupereka mwayi wanjira zophikira magetsi zaukhondo komanso zotsika mtengo kwa mabanja omwe ali ndi magetsi kuti athe kusintha pakusiya kugwiritsa ntchito nkhuhi ndi makala zomwe ndizina mwa zomwe zikuononga chilengedwe kwambiri

Ntchito za projekiti zizithandizidwa ndi ndalama za kaboni zocheperetsa mpweya wowonjezera kutentha. Izi tikuchita ndi cholinga chofuna kulembetsa pulojekitiyi pansi pa Gold Standard. Gold Standard ndi imodzi mwanjira zabwino kwambiri zomwe zimapezeka pakuchepetsa kusintha kwanyengo kutsatira njira zovomerezeka pa chikhalidwe ndi chilengedwe. Msonkhano uwu wa onse okhudzidwa ndi pulojekiti ndi gawo lofunikira pakulembetsa ntchitoyi.

Kayendetsedwe ka Ntchito

Ntchitoyi ikhazikitsidwa koyamba ku Malawi ndi Mulanje Mountain Conservation Trust kudzera ku ntchito yamagetsi akumidzi ku Mulanje, yoyendetsedwa ndi Mulanje Electricity Generation Agency (MEGA). atmosfair gGmbH, lomwe ndi bungwe lomwe silaboma la ku Germany, likupereka ndalama zothandizira ntchitoyi ndikuwongolera zochitika mogwirizana ndi ndondomeko za Gold Standard.

Ngakhale kuderali kuli magetsi, mabanja ambiri ozungilira derali amaphikira nkhuhi chifukwa kukwera mitengo kwa zipangizo zamagetsi ndi chimodzi mwa zolepheretsa kuti anthu asiye kugwiritsa ntchito mbaula za makala komanso mafuwa. Pulojekitiyi ikufuna kuthandiza mabanja kuthana ndi zolepheretsa izi popereka zipangizo zophikira zamagetsi pamtengo wotsika komanso njira yolipirira pangonopangono komanso kupereka maphunziro ofunikira kuti athandize kugwiritsa ntchito zipangizo zamagetsi bwino. Zipangizo zophikira zamagetsi zomwe zimaperkedwa ndi pulojekitiyi zimakhala ndi hotplate ya pophikira pamodzi kapena yamalo awiri ya 1kW-2,5kW, mapoto abwino kwambiri komanso chida chosungira kutentha chotchchedwa Wonderbox.

Poyambira ku Mulanje, ntchitoyi idzawonjezedwa mpaka ku ma gridi ena ang'onoang'ono ku Malawi omwe amayendetsedwa ndi mphamvu za mbwezera.

Tentative Implementation Plan

2020	Ntchito yoyendetsa ndege yomwe ili ndindi mabanja 20
2021	Kuchuluka kwa mabanja 120
2022	Kuchuluka kwa mabanja 500
2024	Kuchuluka kwa mabanja 3000

Zokhudza chikhalidwe, zachuma komanso chilengedwe

Kupatula pakuchepetsa kutulutsa kwa GHG mogwirizana ndi UN's Sustainable Development Goal (SDG) nambala 13, ntchitoyi ithandizanso ku ma SDG otsatirawa:



SDG 3: Kuchepetsa zovuta zoyipa zomwe zimadza chifukwa cha kuwonongeka kwa mpweya mkati



SDG 7: Kupereka mwayi wophika bwino komanso wotsika mtengo



SDG 15: Kuteteza nkhalango ndikuchepetsa nkhalango

The stakeholders invited to the Bondo village meeting in Mulanje district received a simplified invitation:

Kuitanidwa ku Msonkhano wa Pulojekiti yolimbikitsa kuphika pamagetsi

Mulanje Mountain Conservation Trust (MMCT) ndi bungwe lomwe silaboma la ku Germany lotchedwa atmosfair gGmbH akukuitanani kuti mukakhale nawo pa zokambirana za anthu a m'deralo zokhudza pulojekiti ya "Clean Electric Cooking for Households in Malawi". Kukumana uku kumakupatsani mwayi wophunzira zambiri za pulojekitiyi ndikufotokozerana mayankho anu. Kutenga nawo gawo kwanu ndikofunika kwambiri chifukwa kudzathandizira kuti ntchitoyi idzayende bwino.

Msonkhanowu udzachitika motere:

- Tsiku: Lachiwiri, 16 Novembala 2021
- Nthawi: 8am - 11am
- Malo: Kabichi CDSS kwa Bondo.

Njira zonse zopewera kufala kwa Covid-19 zidzatsatidwa.

Tikuyembekezera kutenga nawo mbali kwanu!

Invitation to Local Stakeholder Consultation

Mulanje Mountain Conservation Trust (MMCT) and German non-profit atmosfair gGmbH invite you to attend the Local Stakeholder Consultation of the project "Clean Electric Cooking for Households in Malawi". This meeting gives you the opportunity to learn more about the project and to express your feedback. Your active participation will be much appreciated as it will contribute to the success of the project.

- Date: Tuesday, 16 November 2021
- Time: 8am - 11am
- Place: Kabichi CDSS in Bondo

Hygiene measures in accordance with Covid-19 regulations will be followed and refreshments will be served.

We are looking forward to your participation!



B.1.5. Description of other Means and methods to provide feedback for those who are not able to join the consultation meeting

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Those who were not able to join any consultation meeting, were invited to send their comments by email to Annika Richter (atmosfair) or Arnold Kadziponye (MMCT/MEGA).

SECTION C. REPORT OF THE CONSULTATION PROCESS OF THE FIRST MEETING

C.1. Date and Location

Lilongwe: 10.11.2021 9am

C.1.1. List of participants

Date and Time	10.11.2021	Location	9am	
Category Code	Name of participant, job / position in the community	Male / Female	Contact details	Organisation (if relevant)
A		M		Dziwani Investment
A		M		Dziwani Investment
A		M		Chigodi Gases
A		M		265 Energy
A		F		Project officier - 265 energy
A		M		NSYNK Energy
A		F		Mbambande
A		M		MMCT/ MUREA
A		M		Mbambande
A		M		Bluewaves
A		F		FINCOOP Savings and Credit Cooperative Ltd: Mgubol Services Official
A		F		Womenergy 265
A		F		Afrox Malawi ltd
A		M		Team Leader S.I.T.E. Engineering
A		F		Marketing/ Sales Manager EcoGen
A		M		Operations Manager Industrial Oxygen
D		F		Ministry of Energy
D		M		SMEDI-Mpmela
D		F		Community Development Dowa District Council
D		F		SPA/ISN
E		M		DAPP Malawi
E		F		UNDP
E		M		Green Uhuru Org
E		F		Mbedza Project

E		M		Catholic Relief Service
E		M		Clean Heat Study
E		M		UNDP
E		M		Welthungerhilfe
E		M		Programmes Manager Renama
E		M		Modern Cooking for Healthy Forests
E		M		Program Coordinator Maeve Project
E		M		Climate Research Office Jesuit Centre for Ecology and Development
E		M		Resercher Lilongwe University of Agriculture and Natural Resources (LUANAR)
E		F		Community Energy Malawi
E		F		Community Energy Malawi
E		M		Togetherness Will Enhance Sustainable Actions (TWESA)
E		M		Togetherness Will Enhance Sustainable Actions (TWESA)
E		M		Moto Briquetting Solutions
E		M		Project Manager United Purpose
E		M		Heal Trust
E		M		GIZ
E		F		GIZ
E		F		GIZ Endev
E		M		United Purpose
E		F		Self Help Africa
G		F		Project developer atmosfair gGmbH

C.1.2. Pictures from physical meeting(s) (best practice)

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C.2. Minutes of physical meeting(s)

>>

This stakeholder meeting was held at Warm Heart Café in Lilongwe, the capital of Malawi. The stakeholder consultation was integrated with a meeting of Malawi's National Cookstove Steering Committee, a taskforce consisting of representatives of the government, NGOs and other relevant stakeholders created to drive and concert efforts in the clean cooking sector in Malawi. This was a good opportunity to reach a large number of relevant stakeholders for the consultation.

The first part of the meeting, which lasted from 8:30 - 10:00 am, therefore consisted of agenda items of the National Cookstove Steering Committee. From 10:00 - 10:15, a refreshment break was held, after which the stakeholder consultation began. As this was an English-speaking and international audience, the entire event was conducted in English.

The stakeholder consultation was facilitated by Annika Richter (atmosfair) with support from Arnold Kadziponye (MMCT/MEGA). In the first part, Annika Richter began the meeting by thanking participants for their attendance and introducing them to the purpose of the meeting. This was followed by an introduction to the work of atmosfair, the planned Gold Standard certification of the project and finally a presentation of the project. This presentation included photos and results from the pilot phase of the project as well as details on the planned future activities. In this part of the event, stakeholders were also informed about the transfer of emission

reductions from end users to atmosphere (see project structure diagram in presentation slide 10, page 8).

After the presentation, the interactive part of the meeting began with time for questions and answers. Participants showed a large interest in the project and asked a lot of questions, which were answered by Ms. Richter and Mr. Kadziponye. The Q&A was then led over into the discussion of possible positive and negative impacts of the project.

Finally, the monitoring plan and the grievance mechanism were discussed. Ms. Richter closed the meeting thanking everybody for their active participation, after which the evaluation forms were filled in by participants.

The event ended with lunch being served and people remained at the venue eating, discussing and chatting for over an hour after the closing of the meeting.

C.2.1. Minutes of other consultations

>>

n/a

C.3. Assessment of comments from all consultations above

Please complete the table below

Gender of Stakeholder	Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
F	Other mini-grids should be considered for the project as well.	Yes	It is planned for the project to be scaled up to other regions in Malawi and specifically other mini-grids.
M	The households in the pilot project may not be representative for all households in the community.	Yes	This may well be the case, therefore in the next phase of the project the cost and subsidy level of the system will be reevaluated to match the needs of the majority of the community.
M	The payment model has a high risk of default.	No	The risk of default is reduced by the high subsidies and flexible repayment

terms offered to users. Furthermore, the strong social connections within the community reduce the risk of defaulting.

F	The project should make use of locally available equipment, rather than imported equipment.	Yes	In the next phase of the project, as much of the equipment as possible shall be sourced locally.
F	The Wonderbox could be produced locally and does not need to be imported from Germany.	No	A local production of the Wonderbox in Malawi is not realistic. However, atmosfair is working on setting up production in the region (Kenya or Tanzania).
M	People might misuse the devices and burn themselves.	Yes	It will be ensured that users receive an introduction to correct usage, including safety instructions.
	The households will probably not use exclusively electricity for cooking.	No	The electric cooking sets will be designed such that users can meet all of their cooking needs with them, but it is likely that users will practice stove stacking. This is beyond the control of the project developer.
F	The project should consider the use of induction hotplates instead.	No	The disadvantage of induction hotplates is that they can only be used with special pots and that they can create very high peaks in power demand. They are therefore not considered suitable for a mini-grid serving rural communities. However, in future stages of the project, serving different target groups, induction hotplates may be used.
M	It cannot be guaranteed that people continue cooking with electricity once the project is over.	No	If users are happy with their electric cooking devices, it is likely that they will use them as long as they are in functioning order. This is also supported by the fact that users

			<p>make a financial investment to purchase the electric cooking sets that is not insignificant. Due to the nature of the carbon project, the duration of the project is also expected to be longer than the lifetime of a single device. Therefore, users will always have access to support and maintenance services.</p>
F	<p>It can be more expensive for users to cook with electricity compared to their baseline fuels.</p>	No	<p>The cost of electric cooking depends largely on the electricity tariff, which baseline fuel was used, how it was sourced and how time spent for firewood collection is valued. These parameters vary between different households and regions and therefore it is hard to make a general cost comparison. Even if users spend more when cooking with electricity some may expect that in return for the other benefits electric cooking has.</p>
M	<p>It is very difficult to change household cooking behaviour, because there is a strong cultural aspect to cooking.</p>	No	<p>This may be true, but the success of the pilot project shows that households are interested in cooking with electricity. atmosfair can only do its best to make electric cooking affordable and attractive to households.</p>
F	<p>The hotplates may be used by the neighbours of the household who purchased it.</p>	No	<p>This is true and for the climate impact it is positive if the hotplate gets used as much as possible. This also does not create a problem for the carbon accounting of the project, because it relies on calculating the amount of baseline fuel displaced by a unit of electricity consumed by the hotplate.</p>

M	Households may not switch to electric cooking, because women enjoy collecting firewood and there is a social aspect to it.	No	This may be true, but the success of the pilot project shows that households are interested in cooking with electricity. atmosfair can only do its best to make electric cooking affordable and attractive to households.
M	The project will create more productive hours for users.	No	-
F	The project has a strong aspect of gender equality as well, because women collecting firewood are often subject to sexual harassment.	No	-
F	The project can be especially beneficial for elderly and disabled women for whom cooking with biomass poses a big challenge.	No	

C.3.1. Evaluation forms (best practice)

Name	
Gender – Male/Female:	Female
What is your impression of the meeting?	It's a development idea since most of the community will be exposed to modern method cooking.
What do you like about the project?	It's a clean project compared to charcoal. Its fast and efficient Though expensive but its stress free.
What do you not like about the project?	Some of the products like the Wonderbox not locally available. Not widely marketed

Name	
Gender – Male/Female:	Male
What is your impression of the meeting?	It's a welcome idea.
What do you like about the project?	Disabled women (people) being catered for by the project.
What do you not like about the project?	The Cost aspect is a bit expensive and not affordable.

Name	
Gender – Male/Female:	Female
What is your impression of the meeting?	Its great to come up with this kind of innovation development because the environment is conserved.
What do you like about the project?	The project will help the locals to have time to do other activities instead of going to the mountain forest to look for firewood. I feel like it accommodates everyone disabled, men, women, children because its safe.
What do you not like about the project?	It focuses on people who has at least money or their income is stable. Some of the items used are not locally found (wonderbox)

Name	
Gender – Male/Female:	Female
What is your impression of the meeting?	Well done, enough information given. However, the project team may consider involving other stakeholders in the energy sector, for example NCSP has [...] on what can be manufactured locally.
What do you like about the project?	The transition of energy from biomass to clean energy.
What do you not like about the project?	Procuring project resources like wonderbox from Germany. The project must consider procuring or manufacturing the devices locally.

Name	
Gender – Male/Female:	Female
What is your impression of the meeting?	Very good.
What do you like about the project?	The project can address some of the gender inequalities especially related to women’s work burden in the home.
What do you not like about the project?	The project did not [...] target low income people The project should have given hotplates with more cooking places.

Name	
Gender – Male/Female:	Male
What is your impression of the meeting?	Well detailed and effective report Open and fruitful discussion done Excellent
What do you like about the project?	Energy use transition is key to reducing our carbon footprint. The project have multi-dimension at impact (livelihoods, climate adaption and sustainability)
What do you not like about the project?	Some materials/ hot plate and wonderbox might not necessarily be imported from overseas, knowledge transfer mechanism need to be explored.

Name	
Gender – Male/Female:	Male
What is your impression of the meeting?	It is quite a commendable thing since it helps in accommodating other peoples views.
What do you like about the project?	The project is kind like offering an alternative to some challenges that were there when it comes cooking and the environment and all gender participation.
What do you not like about the project?	The fact that all gadgets used are being imported from Germany, because this pose a threat to the sustainability of the project.

C.4. Summary of alterations based on comments

>>

See section E.4

SECTION D. REPORT OF THE CONSULTATION PROCESS OF THE SECOND MEETING

D.1. Date and Location

Bondo: 16.11.2021 8am-11am

D.1.1. List of participants

Date and Time		16.11.2021	Location		8am
Category Code	Name of participant, job / position in the community	Male / Female	Contact details	Organisation (if relevant)	
A		M		Chief	
A		M		V.C.E.	
A		M		V.C.E.	
A		M		V.C.E.	
A		M		VEC Secretary	
A		M		Maize Mill Owner Ckubrere	
A		M		Teacher	
A		M		Bondo	
A		M		Nessa	
A		M		Bondo	
A		M		Kalanwa	
A		F		Bondo	
A		F		Bondo	
A		M		Kaponda	
A		M		Bondo	
A		F		Bondo	
A		F		Bondo	
A		M		Facility Incharge Bondo	
A		M		Bondo	
C		M		chief	
C		M		G.V.H. Nessa	

C		M		G.V.H Bondo (Journalist)
C		M		G.V.H. Nandoio
C		M		V.H. Ngwendema
C		M		G.V.H. Naimbere
C		M		V.H. Kupangwa
C		M		V.H. Nkundi
C		M		Senior G.V.H. Bondo

D.1.2. Pictures from physical meeting(s) (best practice)

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D.2. Minutes of physical meeting(s)

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This meeting was held at the secondary school of the village Bondo, where the first users of the electric hotplates are located. Therefore this meeting addressed local traditional authorities, users and local businesses specifically.

At 9am the meeting started with a welcome note from xxx and a prayer. Then all participants introduced themselves to the group.

The entire meeting was held in Chichewa, as this was the first language of the participants and most did not speak English very well. As there was a power outage at

the time of the meeting, it was held without presentation slides. The meeting was facilitated by Arnold Kadziponye (MMCT/MEGA) with support from Annika Richter (atmosfair).

The meeting agenda was the same as in the previous meeting in Lilongwe, but Mr. Kadziponye went through the presentation more slowly with simpler explanations matching the education level and experience of the attending participants. During the meeting, Mr. Kadziponye informed stakeholders about the transfer of emission reductions from end users to atmosfair and specifically addressed the women in the room several times, in order to ensure that their feedback was received.

The meeting ended with refreshments being served and participants filling in the evaluation form. The meeting was then officially closed, but several of the participants remained on site for a while chatting to each other and asking questions to Mr. Kadziponye.

D.2.1. Minutes of other consultations

>>

n/a

D.3. Assessment of comments from all consultations above

Please complete the table below

Gender of Stakeholder	Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
M	atmosfair should also bring electric vehicles to Malawi	No	atmosfair is currently not planning electric mobility activities in Malawi.
M	Currently, we are regularly experiencing blackouts on the mini-grid. This needs to be fixed.	No	Ensuring grid stability is beyond the control of the project. However, grid-stabilising measures for the MEGA mini-grid are currently being explored.
M	Households that received a single hotplate during the pilot project should be able	Yes	All households that have participated in the pilot project will be offered to upgrade to a

to upgrade to a double hotplate if those will be available in the next phase of the project.

double hotplate in the next project phase.

M	Households should be given a sufficient repayment time for the cooking devices.	Yes	Households are given 6 months to finish payments on the electric cooking sets.
M	There needs to be a repair service for broken cooking devices.	Yes	A repair service will be available to users.
M	The devices used should have a high quality and should be durable.	Yes	atmosfair ensures that only high quality equipment is distributed. This includes for example that the pots in the cooking sets are made of steel, not aluminum.

D.3.1. Evaluation forms (best practice)

You may use the table format below to collect feedback on your consultation

Name	
Gender – Male/Female:	Male
What is your impression of the meeting?	It was a very important meeting which made us aware of some important goal which we need to achieve.
What do you like about the project?	The fact that they are increasing the number of beneficiaries.
What do you not like about the project?	None, it's a good project.

Name	
Gender – Male/Female:	Male
What is your impression of the meeting?	-Impressed more on usage of electricity -Impressed with MEGA handling and resolving power blackouts

	-Being power user for maize mill happy to hear this will be resolved shortly through several means which will be provided by MEGA.
What do you like about the project?	-Use of electric appliances for cooking -learn more about replacement of trees to control soil erosion. -Have better understanding on how MEGA perform their duties from now and future.
What do you not like about the project?	Nothing wrong with this project require more support from ourselves. -awareness from different stakeholders to take part.

Name	
Gender – Male/Female:	Female
What is your impression of the meeting?	This project need to be expedited and reach out to many people
What do you like about the project?	Accessing the devices at subsidized prices and that we will be able to pay off in installments.
What do you not like about the project?	Blackouts being experienced daily will affect the project.

Name	
Gender – Male/Female:	Male
What is your impression of the meeting?	Very important meeting
What do you like about the project?	Cooking electrically is a sign of a developed community
What do you not like about the project?	Nothing

Name	
Gender – Male/Female:	Male
What is your impression of the meeting?	My thoughts about the meeting is that the project is very helpful because it is offering an opportunity to families to access electric cooking devices

What do you like about the project?	I am impressed with the idea of providing double plate hotplates. This will reduce on cooking time
What do you not like about the project?	It is a given fact that the cost of the double plate hotplates will be higher than the single plate when paying for them

D.4. Summary of alterations based on comments

>>

See section E.4

SECTION E. REPORT OF THE CONSULTATION PROCESS OF THE THIRD MEETING

E.1. Date and Location

Mulanje Boma: 18.11.2021 9am

E.1.1. List of participants

Date and Time	18.11.2021 9am	Location	Mulanje Boma
Category Code	Name of participant	Male / Female	Contact details Job/ Organisation
A		M	ZBS Reporter
A		F	BIO
C		M	District Forestry Office
C		M	Director of Agriculture, Environmental and Natural Resources (DAENR)
E		M	WESM-EEO
E		M	Plan International
E		M	Mulanje Civil Society Organisation Network
E		M	One Acre Fund
E		F	WESM-EEO
E		M	WeForest Intern
E		F	Yoneco / P.O
E		M	EEC MMCT
E		M	PFC MMCT

E.1.2. Pictures from physical meeting(s) (best practice)

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E.2. Minutes of physical meeting(s)

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This stakeholder meeting was held in Mulanje, the city where the MEGA Office is located and which is closest to the villages where the first users of the electric cooking devices are located. This meeting addressed local policy makers and NGOs specifically.

The meeting was held in the board room of the Office of Mulanje Mountain Conservation Trust, to which MEGA belongs.

As all participants spoke English, the meeting was held in English and mostly facilitated by Annika Richter (atmosfair) with support from Arnold Kadziponye (MMCT/MEGA).

The meeting agenda covered the same items as the other two meetings. Just like in the other meetings, participants contributed very actively and asked a lot of questions.

Refreshments were served during and at the end of the meeting, while participants filled in the evaluation forms.

E.2.1. Minutes of other consultations

>>

n/a

E.3. Assessment of comments from all consultations above

Gender of Stakeholder	Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
M	The impact area of the project should be increased beyond the MEGA mini-grid	Yes	It is planned for the project to be scaled up to other regions in Malawi and specifically other mini-grids.
M	The saving in biomass fuel should be monitored	Yes	The saving in baseline fuel is monitored carefully as part of the GS certification of the project.
M	There need to be backup mechanisms in place to ensure the sustained use of the devices.	Yes	Users will have access to support and maintenance services for the duration of the project. Due to the nature of the carbon project, the duration of the project is also expected to be longer than the lifetime of a single device.
F	The project does not address the problem of charcoal production for urban markets.	Yes	Since the idea of the project is to scale up to other regions of Malawi including peri-urban and urban areas, at a later stage it may also help to solve the stated problem.
F	The project should include peri-urban households in its scope.	Yes	It is planned for the project to be scaled up to other regions in Malawi.
M	The project should sensitise communities and raise awareness.	No	MMCT/MEGA are working closely with the community to raise awareness and will identify project beneficiaries through these channels. Users will be given training on correct usage of the devices.

F	Stable power supply needs to be ensured.	No	Ensuring grid stability is beyond the control of the project. However, grid-stabilising measures for the MEGA mini-grid are currently being explored.
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E.3.1. Evaluation forms (best practice)

Name	
Gender – Male/Female:	Male
What is your impression of the meeting?	Useful and the input very crucial towards successful implementation of the project.
What do you like about the project?	Very much interested on the part of men taking part in cooking. As they are cooking indoors on hot plates. (Electric cooking)
What do you not like about the project?	That it has targeted a very small community (Bondo), but I suggest that there should be an expansion on that.

Name	No name given
Gender – Male/Female:	Female
What is your impression of the meeting?	The meeting was quite good and I have appreciated the interventions, different ideas from the board and I hope whatever idea that was given is going to help the project.
What do you like about the project?	I like the fact that it involves villagers yes because they are having quite a good experience Knowledge on new methods of cooking which I think they never knew that apart from firewood they can use electricity alone or wonderbox.
What do you not like about the project?	What I do not like is the fact that this project is leaving out very dangerous people who destroy the environment even more. E.g. urban households who heavily use charcoal than villagers (they encourage charcoal burners)

Name	No name given
Gender – Male/Female:	Female
What is your impression of the meeting?	It has been successful since everyone was given chance to put in different views and all questions were addressed so I think this project is very successful.
What do you like about the project?	I think the project is helpful since it will help in the conservation of nature as well as upgrading people's livelihoods.
What do you not like about the project?	Some information was not fully explained or addressed.

Name	
Gender – Male/Female:	Male
What is your impression of the meeting?	It was interactive and engaging. The meeting generated a lot of interest looking at the depth of the questions, input and comments.
What do you like about the project?	The project is addressing multiple layers of SDG
What do you not like about the project?	The sustainability component has to be strengthened especially in areas the cost of sustainable usage of the applications.

E.4. Summary of alterations based on comments

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Some comments repeatedly came up in all of the meetings. One of them was the scope of the project. Many stakeholders criticised that the project would in the beginning focus on the MEGA mini-grid in Mulanje district and expressed the wish that the project be scaled up to households connected to other mini-grids as well as the national grid as soon as possible.

Another repeated feedback was that there should be a mechanism in place to ensure that broken cooking devices get repaired so that the project does not create e-waste and users can benefit from the devices for a long time. Atmosfair will develop a maintenance and collection system for the electric devices to ensure their longevity and proper disposal once they have reached the end of their lifetime.

Some stakeholders also mentioned that the user's safety needs to be paid attention to, as they are not used to cooking with electric devices. Electric cooking can generally be considered safer than cooking on open fire, but nonetheless Atmosfair

will ensure that users receive the relevant safety instructions upon installation of their electric cooking devices.

Finally, many stakeholders commented that the equipment should be sourced locally rather than be imported from abroad. atmosfair will therefore make sure to source as many components of the electric cooking sets locally or from local suppliers.

SECTION F. CONTINUOUS INPUT / GRIEVANCE MECHANISM

Please use the table below to report on the methods agreed with stakeholders

	Method Chosen (include all known details e.g. location of book, phone, number, identity of mediator)	Justification of Choice (best practice)
Continuous Input / Grievance Expression Process Book (mandatory)	a book for grievance expression will be placed in the Mulanje district commissioner’s office	checked regularly by MMCT and atmosfair
GS Contact (mandatory)	help@goldstandard.org	
Telephone access (optional)	MMCT: Mr. Arnold Kadziponye 0999942080	comments received via phone calls will be registered in grievance expression book
Internet/email access (optional)	MMCT: arnold@mountmulanje.org.mw atmosfair: Ms. Annika Richter richter@atmosfair.de	comments received by email will be registered in grievance expression book
Nominated Independent Mediator (optional)		
Other		

SECTION G. STAKEHOLDER FEEDBACK ROUND

Please check this box if the project is retroactive and has done only 1 consultation with a physical meeting integrated into the SFR.

G.1. Length of the Feedback Round

Stakeholder Feedback Round		Planned	Actual
Start Date	18.03.2022	<input checked="" type="checkbox"/>	<input type="checkbox"/>
End Date	18.05.2022	<input checked="" type="checkbox"/>	<input type="checkbox"/>

G.2. Summarise how all stakeholders were/will be invited to provide feedback

>>

G.3. Summarise Feedback received, including if any changes in project design were made

>>

Revision History

Version	Date	Remarks
1.1	14 October 2020	<p>Inclusion of Key Project Information</p> <p>Restructure, new headings and reorder to better match the steps a developer will follow in consultations.</p> <p>Removal of some non-mandatory template tables (Blind Sustainable Development Assessment). Clarification of best practice steps that are non mandatory processes, clarification of mandatory discussion points. Clarification regarding publishing names and that original evaluation forms (optional) and attendance lists (mandatory) should be separate documents.</p> <p>Improved clarity on Stakeholder Feedback round section and procedures for retroactive projects</p> <p>Provision of an accompanying Guide to help the user understand detailed rules and requirements</p>
1.0	14 August 2017	Initial adoption