



TEMPLATE

POA - DESIGN CONSULTATION REPORT

PUBLICATION DATE **05.05.2022**

VERSION **2.0**

This is a report template to be used for filling the information pertaining to PoA Design Consultation conducted in line with the [Stakeholder Consultation and Engagement Requirements](#).

KEY PROJECT INFORMATION

GS ID of PoA	11218	
Title of PoA	Green Tanzania Cookstove Programme	
GS ID (s) of real case VPA (s) submitted at PoA Preliminary Review	GSXXX	
GS ID (s) of regular VPA (s) submitted at PoA Preliminary Review	N/A	
The version number of the DCR	1.0	
Completion Date of version	01/02/2023	
Time of First Submission Date	21/02/2023	
Design Consultation	Start date	20/12/2022
	End date	20/01/2023
Date of any Physical Meeting (s) – please mark N/A if none were held	20/01/2023	

SECTION A. DESIGN OF STAKEHOLDER CONSULTATION

A.1. Description of the consultation methods used

OffGridSun is developing a "Green Tanzania Cookstove Programme" (the PoA) in Tanzania. The project activities will distribute improved cookstoves to rural communities who live in areas at risk of deforestation in Tanzania. The stakeholder consultation for the project activities is done both at PoA and VPA level. The PoA Design Consultation is carried out electronically between 20/12/2022 and 20/01/2022 by inviting the following categories of stakeholders:

Category A: Community representatives and local policy makers are included in this category. Resident District Commissioners, Chief Administrative Officers and District Chairperson from the districts where initial project activities will take place are invited.

Category B: National government officials, Designated National Authorities for Tanzania

Category C: Multilateral organizations, NGOs and women groups working with rural communities that the PoA targets.

Category D: Gold Standard Representative

Category E: Relevant international GS NGO supporters

The invitation text and a sample email sent out to invite stakeholders for consultation is shown below:

"Dear Madam / Sir:

Invitation to PoA Design Consultation

OffgridSun is developing Programme of Activities: "Green Tanzania Cookstove Programme" under the Gold Standard and seeks to obtain Verified Emissions Reductions (VER).

Through the distribution of our energy efficient cookstoves, we aim to improve livelihoods of local population, protect environment in Tanzania and reduce CO2 emission derived by the use of biomass fuel for domestic purposes. Please see the Non-technical Summary_PoA attached.

To better design the programme, we are seeking your valuable feedbacks through an online survey. You may either access the survey from by this link or fill down and return the OffgridSun_ PoA_Feedback Form attached:

<https://forms.gle/L2ZjVxahUv7vXqU2A>

The consultation will be open for 30 days. Please share your comments/inputs until January 20th 2023.

Invitation to Live Stakeholder Consultation Meeting for the first activity

The first activity of the above mentioned programme "Protect the environment, use clean cookstoves "(Tunza Mazingira, tumia jiko banifu!) will be implemented in collaboration with Inuka Youth Development Organization in Tanga Region. The project stoves will be distributed in ten villages in Mazingara, Mkata and Kwachaga Wards within Handeni District for a total of about 10.000 households targeted. Please see the Non Technical Summary_VPA1 attached.

OffgridSun is welcoming stakeholders to provide their feedback through the organization of a stakeholders' consultation meeting to gather suggestions. The meeting will be held in Mkata, Handeni District at Ukumbui Wa Halmashauri (VETA) on 20th January 2023, Friday from 8.00 AM to 13.00 PM time local time. Please see attached the agenda of the meeting.

Interested people are invited to participate by contacting the local number below. Those who wish to send their feedback or to ask more information about the project, can contact OffgridSun by writing a mail to projects@offgridsun.com or calling the numbers +255682701460 or +393516142230 (whatsapp).

Please feel free to forward this email to other organizations who may be interested in the programme.

Thank you very much."

The invitation email is attached to this report separately.

A. 2. Information made available to stakeholders

The following non-technical summary of the PoA has been shared as an attachment to the email:

Green Tanzania Cookstove Programme

Purpose of the PoA

More than 96% of the approximately 60 million people in Tanzania rely on biomass – mostly firewood and charcoal- as their primary fuel for cooking. Most rural households use the three stone fire place to cook their meals, whereas low quality charcoal cookstoves are used in urban and peri-urban households. Mean kitchen PM10 concentrations levels ($656 \mu\text{g}/\text{m}^3$) measured in Tanzanian homes during cooking far exceed globally tolerable limits for indoor pollution exposure (UNIDO, 2019). On a national level, the annual mortality rate attributed to indoor air pollution (IAP) is 139 every 100,000 deaths (World Bank, 2016). Due to the increasing demand on fuelwood, Tanzania lost 2.70Mha of tree cover between 2001 to 2020, equivalent to a 10% decrease in tree cover and 910Mt of CO₂e emissions since 2000.

The national penetration of ICS in Tanzania is only 5% that is even lower in rural regions of the country. Lack of agents in rural remote areas, long distances and poor road conditions, lack of finance for the producers who are small scale artisans are among the reasons for the low penetration. In order to overcome those challenges, the proposed Programme will distribute/ install cookstoves in rural Tanzania. The cookstoves will be sold at a subsidized affordable price to facilitate the access of the poorest families. Sensitization campaigns on clean cooking and environmental conservation will be also provided to the targeted communities. Local youth will be trained to become local agents to sell the cookstoves within the villages.

The programme aims to reach areas where no such activities are implemented previously. In case of interaction with other similar initiatives/programmes, the project stoves can be identified with their design and unique IDs.

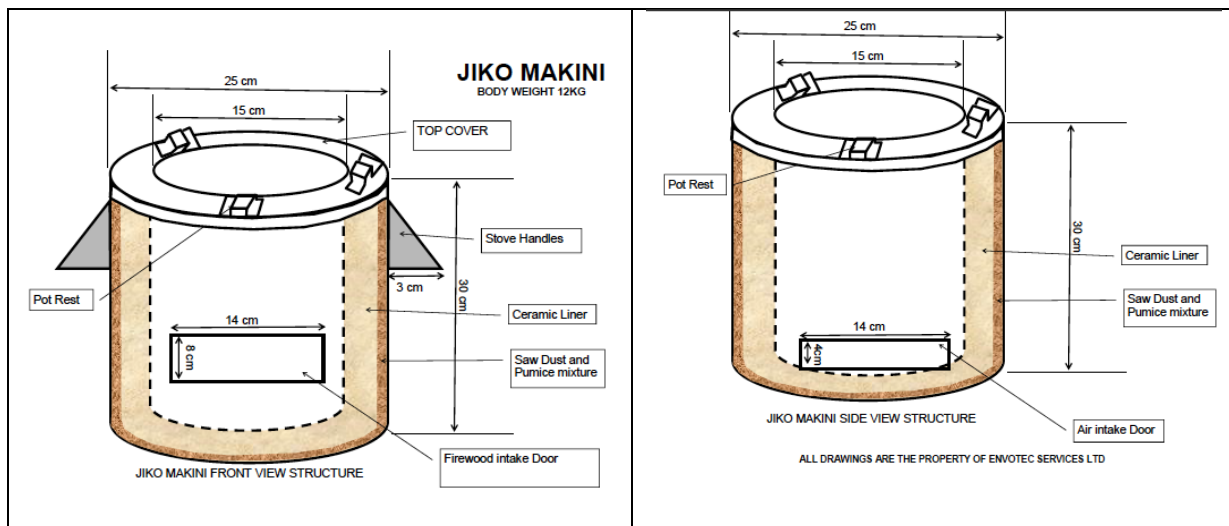
Technology

Jiko Makini stove is made of metal with a ceramic liner inside. There are two handles on two sides and a metal top cover for the pot rest. A layer of sawdust and pumice

mixture between the ceramic liner and metal outer surface provides high thermal efficiency. There is firewood intake door in the front and air intake at the back of the stove. The stove can be used by both firewood and charcoal. Thermal efficiencies are given for both fuel types in table below.

Stove specification

Technical Specifications – Jiko Makini Stove		
Thermal efficiency (firewood)		30.6 %
Thermal efficiency (charcoal)		38.5%
Portability		Portable
Design		Single Pot
Stove Life		3 years
Size (stove)		Width: 25 cm Height: 30 cm



Jiko Makini Stove

The manufacturer is the Tanzanian company Envotec Services Limited, legally registered in Tanzania, which has experience in the production of cookstoves.

Carbon Credits



The Coordinating Managing Entity (CME) of the PoA is OffgridSun which is based in Italy. OffgridSun (Italy) in cooperation with their local implementing partners will introduce energy efficient cookstoves in Tanzania to help address these challenges by developing carbon finance programs under Gold Standard (GS).





GHG emissions reductions achieved by the reduced use of non-renewable biomass will be monitored and certified as carbon credits or VERs. The income will be used to finance the project management and to purchase more project stoves to scale up the intervention.

Conditions to join the Programme

Local organizations or entities may act as implementing partner in the programme depending on their expertise and available human resources. The implementing partner is expected to run the deployment and registration of ICS, training of the artisans, record keeping and monitoring.

Summary of Economic, Social and Environmental impacts of the Project:

Environmental	13 CLIMATE ACTION 	Reduction of CO2 emissions: The project will distribute/install improved cookstoves with higher thermal efficiency, therefore; using less firewood. This will reduce GHGs emissions from cooking practices.
	15 LIFE ON LAND 	Reduced deforestation: Traditional cooking methods (three-stone fire) consumes high volumes of firewood that have been collected from nearby forestry areas in general. The project will have positive impact on forest degradation and deforestation by reducing the need for fuelwood collection and production in the region.

Social impacts	3 GOOD HEALTH AND WELL-BEING 	<p>Improved health conditions:</p> <p>Traditional cooking method produces a lot of smoke which may result in chronic respiratory diseases and hearth problems. Women generally spend 3-7 hours for cooking and exposed to air pollution more than the other members of the family. They may also suffer burns during cooking. Improved burning conditions with the project stoves will reduce indoor air pollution and lessen burns during cooking.</p>
	5 GENDER EQUALITY 	<p>Empowerment of women:</p> <p>Women and young girls have to walk long distances to fetch firewood in rural Tanzania. With less time spent on fuel wood collection, women will have more time available for leisure, education or opportunities for market employment that can raise their household status.</p> <p>The project’s approach also involves the engagement of groups of women living in the targeted rural areas as facilitators and local agents to reach the targeted end-users.</p>
	8 DECENT WORK AND ECONOMIC GROWTH 	<p>Creating jobs:</p> <p>Production of stoves parts, distribution/installation, maintenance and marketing activities will create temporary and permanent job opportunities for local people. The employees will acquire new skills and knowledge through trainings provided as well.</p>
Economic impacts	1 NO POVERTY 	<p>The household who purchases firewood will spend less money due to the reduced use. More income will be available for basic needs such as food, clothing, shelter as well as education.</p>

Safeguarding Principles Assessment:

The programme respects human and gender rights and will be developed in line with all applicable laws and regulations in the country. No negative impacts are expected due to the implementation of the programme.

For more information and to provide feedback, please contact:

<p>Valentina Quaranta Project Manager v.quaranta@offgridsun.com OffgridSun Cittadella, Italy Tel: +39 351 6142230</p>	<p>Zeynep Pinar Ozturk Carbon Consultant pinar.ozturk@ceres-tr.com Ceres Env. Eng. Cons. Istanbul, Turkey Tel. +90 505 5065425</p>
---	--

A.3. Invitation/consultation tracking table

Category Code	Organisation (if relevant)	Name of invitee	Method of invitation	Date of invitation (>30 days before any e-consultation)
A	Tanga Regional Administrative Secretariat (Regional and Local Authority)	General Invitation	ras.tanga@tamisemi.go.tz	16/12/2022
A	Handeni District (Tanga Region)	General Invitation	ded@handenidc.go.tz	16/12/2022
A	Division of Environment, Vice-President's Office	Mrs. Martha Ngalowera	Email	16/12/2022
A	UNCDF – United Nation Capital Development Fund	Immanuel Muro	Email	16/12/2022
A	UNCDF – United Nation Capital Development Fund	Abraham Byamungu	Email	16/12/2022
A	National Council of NGOs (NaCoNGO)	General Invitation	info@nacongo.or.tz	16/12/2022
B	Ministry of Energy	General	ps@nishati.go.tz	16/12/2022

B	Ministry of Natural Resources and Tourism	General	ps@maliasili.go.tz	16/12/2022
B	Ministry of Health, Community Development, Gender Elderly and Children	General	ps@afya.go.tz	16/12/2022
B	Division of Environment, Vice-President's Office	Mr. Richard S. MUYUNGI, Assistant Director	Email	16/12/2022
B	Vice President's Office	General	barua@vpo.go.tz	16/12/2022
C	Action When NGO	Mr. Scarion Evard	Email	16/12/2022
C	Action When NGO	Mr. ALFRED RUTTA	Email	16/12/2022
C	Amka Kazinga NGO	Dr. ROMUARD KYARUZI	Email	16/12/2022
C	Amka Kazinga NGO	Mr. MTALLEMWA NOVATH	Email	16/12/2022
C	Environment Media Agenda (EMA)	Ms. Secelela Balisidya	Email	16/12/2022
C	Environment Media Agenda (EMA)	Ms. Frida Mabada	Email	16/12/2022
C	Human Development and Relief Services (HUDERES)	Mr. Derick Katunzi	Email	16/12/2022
C	Kagera Integrated Environmental Resources Management and Community Development (KEMCOD NGO)	Mr. NOVAT ALFRED	Email	16/12/2022

C	Kagera Integrated Environmental Resources Management and Community Development (KEMCOD NGO)	Mrs. LIBERATHA RWEYENDELA	Email	16/12/2022
C	Same/Mwanga Environmental Conservation Advisory Organisation	Mr. Ezekiel Massawe	Email	16/12/2022
C	Sunseed	Mr. Gideon Massaka	Email	16/12/2022
C	Sunseed	Ms. Levina Kasese	Email	16/12/2022
C	Last Mile	Ms. Liz McNeil	Email	16/12/2022
C	Last Mile		Email	16/12/2022
C	Sustainable Energy and Development Centre (SEDC)	Mr. Hassan Bussiga	Email	16/12/2022
C	Climate Action Network Tanzania (CAN-TZ)	Mr. Sixbert Mwanga	Email	16/12/2022
C	Climate Action Network Tanzania (CAN-TZ)	Mr. Msololo Onditi	Email	16/12/2022
C	Advocate for Social Cohesion Foundation (ASCF)	Mr. Bartholomew Segu	Email	16/12/2022
C	Advocate for Social Cohesion Foundation (ASCF)	Dr. Stephen Janks	Email	16/12/2022
C	Sustainable Peace for Tanzania Foundation (SUPETA Foundation)	Mr. Bartholomew Segu	Email	16/12/2022
C	Sustainable Peace for Tanzania Foundation (SUPETA Foundation)	Mr. Stephen Hosea	Email	16/12/2022

C	SWEAT Development Programme	Mr. Gabriel Ole Tuke	Email	16/12/2022
C	Tanzania Traditional Energy Development Organisation (TaTEDO)	Mr. Estomih Sawe	Email	16/12/2022
C	Maasai Women Development Organization	General	mwedo@habari.co.tz	16/12/2022
C	Tanzania Women Empowerment in Action (TAWEA)	General	secretariat@end-violence.org	16/12/2022
C	Dare Womens' Foundation	General	darewomens@gmail.com	16/12/2022
D	Gold Standard	help@goldstandard.org	Email	16/12/2022
E	United Purpose	Lloyd Archer	Email	16/12/2022
E	Global Offset Research	Siddharth Yadav	Email	16/12/2022
E	CEDESOL	David Whitfield	Email	16/12/2022
E	Lean Management Systems Promotion Society	Raave Jain	Email	16/12/2022
E	NOVA	Montagu Murray	Email	16/12/2022
E	HIVOS	Harry Clemens	Email	16/12/2022
E	Concern Health, Ghana	Isaac Ampomah	Email	16/12/2022

SECTION B. OUTCOME OF THE CONSULTATION PROCESS

B.1. Assessment of comments received

The following questionnaire was shared with the stakeholders online to enquire if they have any comments on the design of the PoA.

Question 1: Based on the information provided in the PoA, what organizations would you see best placed to be involved in implementation or monitoring of impacts as related to the Sustainable Development Goals.

Question 2: How would you compare the PoA with other projects/ programmes running in the country?

Question 3: Based on your expertise and the mandate of your organization what contributions do you see this PoA could have on climate change mitigation, gender equality and health in the target areas?

Question 4: What are the opportunities for communities to further benefit from the PoA?

Question 5: Are there any specific concerns in terms of environmental, social and economic impact that should be considered as part of this PoA?

Question 6: Any other comments?

Organization	Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
N/A	No comments received	N/A	N/A

B.2. Summary of changes to the Programme design based on stakeholder feedback received.

>>

The PoA design has not changed as no comments received for the PoA.

Revision History

Version	Date	Remarks
2.0	05 May 2022	Stakeholder Category codes added Further instructions on required information to be shared with stakeholders added Revisions in line with the revisions to Stakeholder Consultation and Engagement Requirements
1.1	14 October 2020	Addition of version history table Removal of Section A which repeats information in the POA-DD Clarification on reporting information made available for stakeholders Clarity on the minimum period for invitation and consultation and that follow up is necessary for e-consultations The clarity that a GS representative should be invited
1.0	10 July 2017	Initial adoption