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## Gold Standard Local Stakeholder Consultation Report

### SECTION A. PROJECT DESCRIPTION

#### A. 1. Project eligibility under the Gold Standard

This project will introduce energy efficient cook stoves into the Meru area and will reduce fuel use and associated greenhouse gas emissions by end users. Other benefits will include contributions to local sustainable development issues such as deforestation and illnesses caused by smoke inhalation. This is in line with the stated aims of the GS.

The project will be classified as small scale, producing a total emissions reduction of less than 73,833 tonnes CO<sub>2</sub>e/year, which is equivalent to the 180GWhth limit specified by the UNFCCC. The project will be carried out inline with the Gold Standard methodology "Improved cook-stoves and kitchen regimes V.02".

The project falls into the end-use energy efficiency improvement category, defined as the reduction in the amount of energy required for delivering or producing non-energy physical goods or services.

The project type eligibility is outlined in Annex C of the gold standard methodology v2.1 under "Improved distributed heating and cooking devices (e.g. biodigesters, cook-stoves), and distributed micro-scale electricity generation units (e.g. micro hydro and PV for households)".

Eligibility criteria:

"Project activities involving a large amount of small, distributed heating, cooking or electricity generation devices using renewable energy sources shall provide the Gold Standard with a clear description of the transfer of credits ownership all along the investment chain, and with proof that end users are aware of and willing to give up their rights on emission reductions."

Following free distribution of stoves, end users will be made aware that all credits generated will be transferred to co2balance and that in receiving the technology without payment they agree to this transfer. The project will reduce the production of carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) and nitrous oxide (N<sub>2</sub>O). The project is located in Kenya, which is part of the OECD Development Assistance Committees' ODA recipient list; this project however will not be a recipient of any ODA. A signed declaration attesting to this will be provided during validation and will appear in the GS passport for this project.

## Gold Standard Local Stakeholder Consultation Report

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### A. 2. Current project status

Provide information on the status of key project cycle stages (financing, equipment procurement, construction, commissioning) with dates where possible/ relevant.

#### **Financing (February 2011)**

Financing for the project beyond the pilot is currently being sought.

#### **Equipment procurement (December 2010)**

Major stove components are specific to the co2balance design and so are sourced by co2balance and supplied to stove contractors in kit form. Basic materials such as sand and cement are sourced by stove manufacturers. co2balance ensures that as many materials as possible are locally produced.

#### **Pilot stove construction (February 2011)**

Construction of the improved cook stove will be performed by the relevant contractor, according to co2balance training received.

#### **Project construction**

Following the establishment of project baseline and emission reductions, stoves will be constructed in batches up to the small-scale project limit.

## Gold Standard Local Stakeholder Consultation Report

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### SECTION B. DESIGN OF STAKEHOLDER CONSULTATION PROCESS

#### B. 1. Design of physical meeting(s)

##### i. Agenda

- Welcome and Opening of the meeting
- Introduction of speakers and key representatives
- Description of project
- Question and Answer Session
- Blind sustainable development exercise
- Discussion on monitoring sustainable development
- Vote of thanks
- Closure of meeting

##### ii. Non-technical summary

This project will involve the distribution of energy efficient stoves in the Meru community.

Meru is located on the Kathita River, on the northeast slopes of Mount Kenya, in an area of mixed forest and clearings, small towns, villages, and rural farms, and is mainly populated by people of the Ameru people. Majority of the villages in Meru are forest adjacent communities and are dependent on the forests for their firewood, leading to deforestation and poaching. The villages in Meru face all the problems of peri urban and rural areas all over Africa. Unemployment and the slumping economy have caused food security issues, increased homelessness, especially among small children. The problem of homelessness is compounded by the high incidence of AIDS related deaths in the area.

The co2balance project in Meru will be attempting to address some of these issues. We will be distributing our energy efficient stoves into the Meru households that in the absence of this project, would primarily cook using traditional inefficient stoves.

The stoves will be constructed, distributed and installed by local people under the guidance of co2balance Kenya Ltd. These stoves will utilise the efficient rocket technology. Initial testing has shown these stoves to be more than 50% efficient than traditional models. These stoves will be using less firewood and emitting less smoke, which will reduce daily firewood costs and alleviate illness caused by smoke inhalation.

The distribution of efficient stoves will result in emissions reductions associated with the reduction of the production and combustion of firewood derived from unsustainable sources.

In addition to reducing greenhouse gas emissions, so contributing to the mitigation of climate change, this project will contribute towards local benefits that will enhance the air quality in the area due to the reduction of the atmospheric pollutants.

## Gold Standard Local Stakeholder Consultation Report

Besides the benefits stated above, the project will provide the following co-benefits:

- Reduced deforestation and degradation of surrounding forests, as less wood will be needed to cook;
- Reduced poverty, as the efficient wood stove reduces annual expenditure on cooking fuels;
- Reduced adverse health effects associated with indoor air particulate matter inhalation from the smoke due to the purpose-built stove design.
- Reduced cooking and wood collection time.
- Reduced hazards due to the exposure of the firewood collectors (mainly women) to the deep forest. There is a big concern on this last factor related to frequent rape cases and animal attacks during wood collection.

### iii. Invitation tracking table

Category code	Organisation (if relevant)	Name of invitee	Way of invitation	Date of invitation	Confirmation received? Y/N
A	Chukauniversity College	Prof E.N.Njoka	Email/Letter	12/11/2010	Yes
D	Iruma Redeemed Church Women Group	Chairlady	Email/Letter	11/12/2010	Yes
A	Redeemed Gospel Church	James Kareru	Email/Letter	11/12/2010	Yes
D	Diocese of Meru Mwichuri Women Group	Marysent kaimuri	Email/Letter	11/12/2010	Yes
D	Sisdo-Chuka Branch	Mary Muthoni	Personal Invitation	11/12/2010	Yes
D	K-Rep Bank	Tom Morton	Personal Invitation	11/12/2010	Yes
D	Giampampo Tree Nursery	Jane Mutoni	Personal Invitation	11/12/2010	Yes
D	Mungoni Tree Nursery	Eliphas Njeru	Personal Invitation	11/12/2010	Yes
D	Weru Tea Factory Tree Nursery	Kenedy Murithi	Personal Invitation	11/12/2010	Yes
A	Chuka Baptist VCT Center	Nelly Kawira	Personal Invitation	11/12/2010	Yes
D	Tungu Water Users Association (WRUA)	Kinyua Ngaine	Personal Invitation	11/12/2010	Yes

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D	Tungu Water Users Association (WRUA)	Elipas Mwiti	Personal Invitation	11/12/2010	Yes
D	Tungu Water Users Association (WRUA)	Joyce Karimi	Personal Invitation	11/12/2010	Yes
D	Tungu Water Users Association (WRUA)	Kenneth Kinyua	Personal Invitation	11/12/2010	Yes
B	Mt Kenya East Environmental Conservation Mwiti Edwin	Edwin Mwiti	Personal Invitation	11/12/2010	Yes
B	Kenya Forest Service	James Arunga	Personal Invitation	11/12/2010	Yes
D	Pasoda Tree Nursery	Judith Kaari	Personal Invitation	11/12/2010	Yes
D	Giampampo Tree Nursery	Mathew Ndiga	Personal Invitation	11/12/2010	Yes
D	Mutino Friends	Peter Ndagara	Personal Invitation	11/12/2010	Yes
D	Mutonga Tree Nursery	Kelvin Gitonga	Personal Invitation	11/12/2010	Yes
D	Kathigiririni 2009 Revival Group	Humphry Mwiandi	Personal Invitation	11/12/2010	Yes
D	Muungano Tree Nursery	Timothy Mutomi	Personal Invitation	11/12/2010	Yes
D	Kariguni Spring Group	Hellen kendi	Personal Invitation	11/12/2010	No
D	Mukui Self Help Group	Sabastian Kkangi	Personal Invitation	11/12/2010	Yes
D	Masermind Tree Nursery	Natieng Ekiru	Personal Invitation	11/12/2010	No
D	Dalaja Self Help Group – Cheera	Juliesta Wanja	Personal Invitation	11/12/2010	Yes
D	Thuita Forest Network	Anastacia Kaari	Personal Invitation	11/12/2010	Yes
D	Njuri Forest Network	Kaburu Mpuria	Personal Invitation	11/12/2010	Yes
D	Nthambo Forest Network	Ken Njagi	Personal Invitation	11/12/2010	Yes
D	Kirege Forest Network	Eliphas Riungu	Personal Invitation	11/12/2010	Yes
D	Karamani Forest Network	Kellen Muthoni	Personal Invitation	11/12/2010	Yes
D	Kiang, Ondu	Mwiti	Personal	11/12/2010	Yes

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	Forest Network	Kathuni	Invitation		
D	Mitheru Forest Network	Edgar Kaburu	Personal Invitation	11/12/2010	Yes
D	Ruguta Forest Network	Hellen Ciampindi	Personal Invitation	11/12/2010	Yes
D	Mugua Women Group	Kagongo Gaceke	Personal Invitation	11/12/2010	Yes
D	Gaciankumbo Tree Nursery	Mwianthi Jairo	Personal Invitation	11/12/2010	Yes
D	Mucwa Men Group	c/o Kinyua Ngaine	Personal Invitation	11/12/2010	Yes
D	Katheruku Self Help Group	Eugine Kaari	Personal Invitation	11/12/2010	Yes
D	Nkironi D Group	John Baithumbi	Personal Invitation	11/12/2010	Yes
D	Muthethia Tree Nursery	M,Ritha M,Kabi	Personal Invitation	11/12/2010	Yes
D	Jikaze Self Help Group	Evangeline Kanyua	Personal Invitation	11/12/2010	Yes
D	Royal Media Group	Kathure Mukuuru	Personal Invitation	11/12/2010	Yes
A	Jua kali Business Promoters	John Mpui	Personal Invitation	11/12/2010	Yes
D	Catholic Women Association – Chuka Parish	Ann Salasio	Personal Invitation	11/12/2010	Yes
D	Kiereni Arimi Self Help Group	Aileen Kawira	Personal Invitation	11/12/2010	Yes
D	Rubate Self Help Group	Isabele Kanini	Personal Invitation	11/12/2010	Yes
D	Mwansw Self Help Group	Muriti Bundi	Personal Invitation	11/12/2010	Yes
D	Umoja Group	Bedford Karutu	Personal Invitation	11/12/2010	Yes
D	Thabina Self Help Group	Issac Bundi	Personal Invitation	11/12/2010	Yes
A	-	Gitonga Bundi	Personal Invitation	11/12/2010	Yes
A	-	Bernand Kararwa	Personal Invitation	11/12/2010	Yes
A	-	Japhet Kabubu	Personal Invitation	11/12/2010	Yes
A	-	Kinyua Karagwa	Personal Invitation	11/12/2010	Yes
A	-	-	Personal Invitation	11/12/2010	Yes

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A	-	-	Personal Invitation	11/12/2010	Yes
A	-	M. Ntiba	Personal Invitation	11/12/2010	Yes
A	-	Albert Mucheke	Personal Invitation	11/12/2010	Yes
A	-	Ndeke Mukui	Personal Invitation	11/12/2010	Yes
C	Mt Kenya East Pilot Project For Natural Resources Management	Mr N Kamau	Personal Invitation	11/12/2010	Yes
B	District Development Officer – Meru South	-	Personal Invitation	11/12/2010	Yes
B	District Livestock Officer – Meru South	Mr Kamotho	Personal Invitation	11/12/2010	No
		Mr Muguna	Personal Invitation	11/12/2010	No
C	National Environmental Management Authority		Personal Invitation	11/12/2010	Yes
A	-	Mr Muriuki M	Personal Invitation	11/12/2010	Yes
A	-	-	Personal Invitation	11/12/2010	Yes
A	-	Rithhaa Jafford	Email /Letter		Yes
F	WWF	Kimunya Mugo Communications Manager KMugo@wwfearpo.org	Email	29/10/2010	No
F	Helio International	Laura E. Williamson Projects Director laura.williamson@helio-international.org	Email	29/10/2010	No

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F	Green Peace	Rianne Teule Senior Climate Campaigner rianne.teule@greenpeace.org	Email	29/10/2010	No
F	Mercy Corps	Dorothy McIntosh Climate Change: Policy and Coordination dmcintosh@uk.mercycorps.org	Email	29/10/2010	No
F	Reeep	Amanda Luxande Regional Manager Southern Africa amanda.luxande@reeep.org	Email	29/10/2010	No

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Please explain how you decided that the above organisations/ individuals are relevant stakeholders to your project. Also, please discuss how your invitation methods seek to include a broad range of stakeholders (e.g. gender, age, ethnicity).

When inviting organisations and individuals to attend the stakeholder meeting, we thought it is best to expand the selection in order to avoid missing out any organisations or individuals that could have a key interest in the activity. We opted for a small group of diverse participants chosen by their location, need, how affected they were by the traditional cooking methods and its consequences, their capacity to help us address the issue and their motivation to make the project work. Our main priority was to make certain that we did not fall into the trap of inviting only the visible and easy to access.


Some of the representatives included:

- All the Area Chiefs of the surrounding divisions
- Peer Educators
- Local Farmers
- Representatives of local conservation initiatives
- Representatives of local Self help Groups
- Pastor of Local Redeem Church
- District Officers
- Representatives of similar initiatives in the area
- Local Community etc.

Our invitation methods included email, telephone and hand delivery.

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### iv. Text of individual invitations



03/11/2010

To

**Re: Fire Wood Efficient Stove Project Stakeholder Meetings - MERU**

*Established more than 5 years ago, award-winning **co2balance** will be running a Gold Standard firewood fuel efficient stove project to help minimize climate changing CO<sub>2</sub> (carbon dioxide) emissions with funds raised from overseas carbon offset investors.*

*Co2balance will invest funds in energy efficiency technologies to reduce the amount CO<sub>2</sub> released from everyday cooking. The benefits of the project will include reduced CO<sub>2</sub> emissions, habitat preservation and reduced fuel costs for users.*

*We would like to invite all stakeholders to share their comments on the project's design and social and environmental impacts, whether they are positive or negative, so that we can implement worthwhile projects in which the local communities have ownership and are involved.*

*With all this in mind, we would like to invite you to*

**Date: 30<sup>th</sup> November 2010**  
**Time: 10:00 AM**  
**Venue: Mesacco Building in Chuka Town**

*For more information please feel free to get in touch with us.*

*I look forward to hearing from you and hope to meet you on the 30<sup>th</sup> of November*

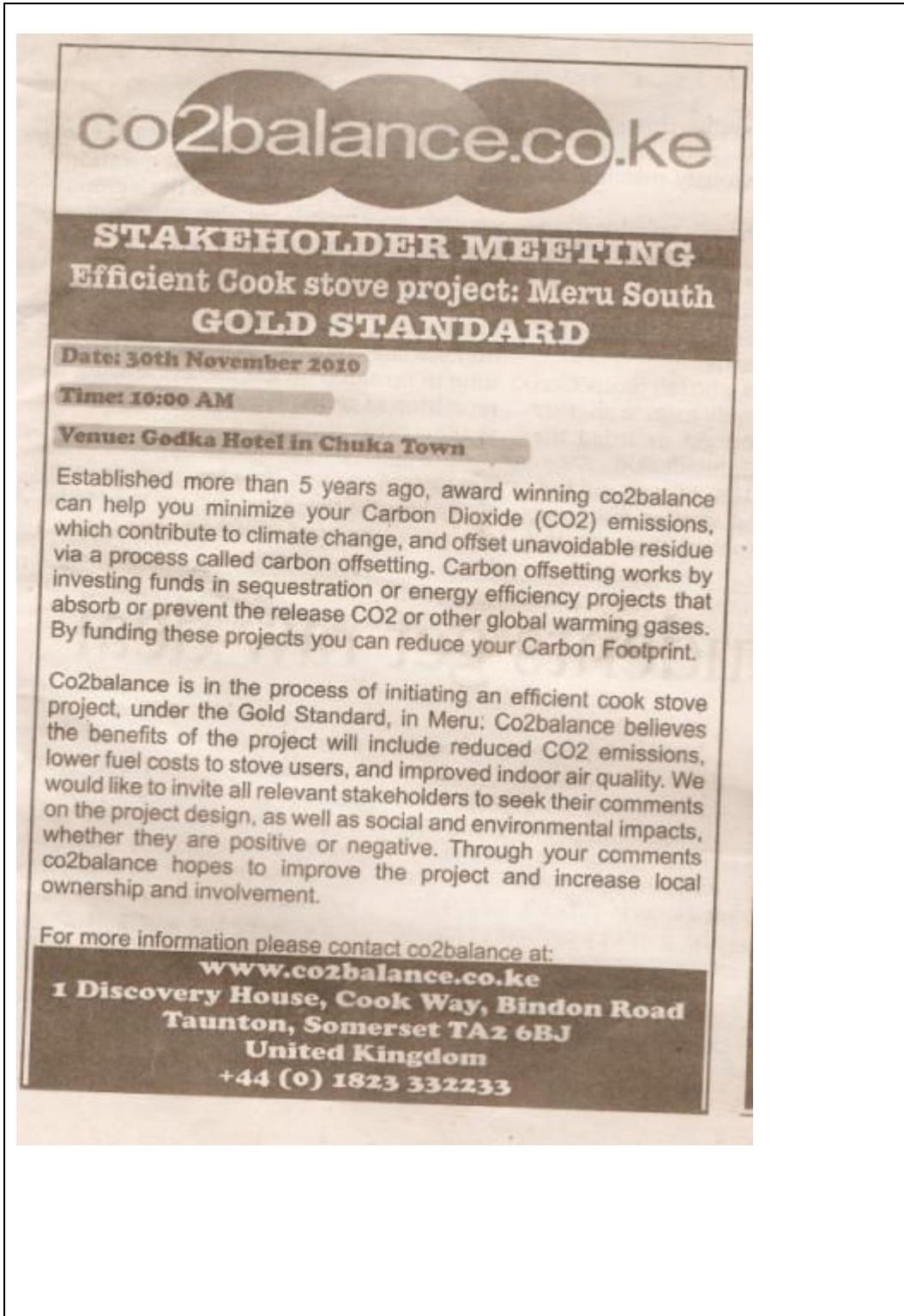
Best Regards,

Project Manager

**P.o. Box 91 – 00606,  
Nairobi, Kenya.  
Tel: 2337993, 254 722 689 894, 254 713 222 555, 254 711 502 579  
www.co2balance.co.ke**

## Gold Standard Local Stakeholder Consultation Report

### v. Text of public invitations



**co2balance.co.ke**

**STAKEHOLDER MEETING**  
**Efficient Cook stove project: Meru South**  
**GOLD STANDARD**

**Date: 30th November 2010**

**Time: 10:00 AM**

**Venue: Godka Hotel in Chuka Town**

Established more than 5 years ago, award winning co2balance can help you minimize your Carbon Dioxide (CO<sub>2</sub>) emissions, which contribute to climate change, and offset unavoidable residue via a process called carbon offsetting. Carbon offsetting works by investing funds in sequestration or energy efficiency projects that absorb or prevent the release CO<sub>2</sub> or other global warming gases. By funding these projects you can reduce your Carbon Footprint.

Co2balance is in the process of initiating an efficient cook stove project, under the Gold Standard, in Meru. Co2balance believes the benefits of the project will include reduced CO<sub>2</sub> emissions, lower fuel costs to stove users, and improved indoor air quality. We would like to invite all relevant stakeholders to seek their comments on the project design, as well as social and environmental impacts, whether they are positive or negative. Through your comments co2balance hopes to improve the project and increase local ownership and involvement.

For more information please contact co2balance at:  
**www.co2balance.co.ke**  
**1 Discovery House, Cook Way, Bindon Road**  
**Taunton, Somerset TA2 6BJ**  
**United Kingdom**  
**+44 (0) 1823 332233**

## **Muhtasari yasiyo ya kiufundi ya majiko ya kuboresha eneo la Meru Kusini**



Mradi huu utahusisha usambazaji wa takriban elfu 20,000 majiko ya kuboreshwa Meru kusini. Hii ni zamu ya wilaya ya Meru Kusini, Kenya. Ni kwa kweli hii ni maeneo maskini zaidi katika eneo la Meru, ina kiasi kikubwa cha watu, zaidi ya hayo watu wasumbuliwa na ukosefu wa ajira au kazi, afya duni na umaskini. Maisha ya wananchi katika jamii hii mara nyingi yanaeneza matokeo mabaya kwa manzingira, kuna viwango vikubwa vya ukataji wa miti na kuchoma makaa mara nyingi na ukusanyaji wa kuni kwa misitu, karibu na jamii ambayo yategemea misitu hiyo.

Mradi huu utakuwa na majaribio ya kuyashughulikia baadhi ya maswala haya. Itakuwa kusambaza majiko ya kuboresha katika manyumbani ya Wakenya, kutokana na kukosekana kwa mradi huu ingekuwa kupika hasa kwa kutumia majiko ya kale au jadi meko tatu.

Majiko yatajagwa na kusambazwa na kuwekwa na watu chini ya uongozi wa Carbon zero Kenya Ltd. Majiko haya yatumia teknolojia bora (Rocket) yaani majiko yanaotumia matofali. Kimatumizi majiko hayo yaonyesha zaidi ya asili mia 67 ufanisi kuliko yale ya kawaida.

Majiko haya yatatumia kuni chache, na upungufu wa moshi ambayo itapunguza gharama ya utumiaji wa kila siku na kupunguza ugonjwa unaosababishwa na kuvuta hewa imejaa moshi. Usambazaji wa majiko bora yaleta manufaa katika kupunguza uzalishaji wa mwako wa kuni, zinazotokana na uharibifu wa manzingira.

Mbali na kupunguza uzalishaji wa gesi chafu, hivyo kuchangia katika kukabiliana na mabadiliko ya hali ya hewa, miradi hii kuchangia faida za kuwa utaongeza ubora wa hewa katika eneo hilo kutokana na kupungua kwa kizimamoto wa anga.

### **Licha ya faida alisema juu, mradi huo kutoa ushirikiano-faida zifuatazo:**

- Kupungua kwa ukataji miti na uharibifu wa mazingira ya misitu, kama itakuwa chini ya miti zinahitajika kupika;
- Kupunguza umaskini, jiko la kuboresha yapunguza ufanisi matumizi ya kila mwaka juu ya matumizi ya kupikia;
- Kupunguza athari mbaya ya afya zinazohusiana na hewa mbaya, chembechembe jambo kuvuta moshi kutokana na mpango wa makusudi-kujengwa jiko.



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- Kupungua kwa kupikia na wakati ukusanyaji mbao, ambayo kwa mara zaidi ya kuhudhuria shughuli nyingine za nyumbani na / au chini ya watoto wakati huo utakuwa unawahudumia.
- Kupunguza athari kutokana na mfiduo wa kukusanya kuni (hasa wanawake) na misitu ya kina. Kuna wasiwasi mkubwa juu ya sababu huyu wa mwisho kuhusiana na kesi za ubakaji na mashambulizi ya mara kwa mara wanyama wakati wa ukusanyaji wa kuni.

## Gold Standard Local Stakeholder Consultation Report

### B. 2. Description of other consultation methods used

If individuals and/ or entities (e.g. NGOs) are unable to attend the physical meeting, please discuss other methods that were used to solicit their feedback/ comments (e.g. questionnaires, phone calls, interviews).

co2balance emailed the minutes of the meeting to the organisations and NGO's unable to attend the physical meeting. They also were encouraged them to read the summary and respond with their comments and feedback.

co2balance assigned specific individuals within the community the role of information dispersers. They were responsible for communicating with the individuals and women unable to attend. They were provided with project summaries and the relevant information required. In Meru, Pastor Peter Mutethia of The Redeemed Church of Meru was given the task of discussing the meeting with his congregation the following week, and informing those unable to attend of the outcomes of the meeting.

See below for Eg. Of Emails Sent Out, Confirmation receipts of hand invitations.

from Nicholas Ngece

subject **Invitation to a stakeholders meeting at Chuka (GODKA HOTEL) on 30th November, 2010, 9:00 AM**

to info@sisdo.org

cc You, Bushra Razack

12/11/2010 10:06

other actions

Dear Sir/ Madam,

Co2balance, a company that is constructing energy efficient stoves for free to communities in Meru South is holding a stakeholder meeting on the 30th November 2010, at Godka Hotel.

Attached please find the invitation letter.

Kind regards

Nicholas Ngece  
Country Projects Coordinator- Kenya

stakeholders invite sisdo.doc



## Gold Standard Local Stakeholder Consultation Report

from: Nicholas Ngece ✨

subject: **Invitation to the stakeholders meeting for Meru South Improved Cook-stoves Project- November 30, 2010 at 9:00 Am, Godka Hotel** 12/11/2010 12:38

to: amaruta2008@yahoo.com ✨

cc: You ✨, Bushra Razack ✨, charles.gitonga@co2balance.com ✨

other actions ▾

Dear Sir/ Madam,

**Invitation to the stakeholders meeting for Meru South Improved Cook-stoves Project- November 30, 2010 at 9:00 Am, Godka Hotel**

Co2balance, a company that is planning to initiate the construction of energy efficient stoves (Carbon Zero Stoves) for free to communities in Meru South is holding a stakeholder meeting on the 30th November 2010, at Godka Hotel.

Attached please find the invitation letter. Please confirm attendance by return email.

Kind regards

Nicholas Ngece  
Country Projects Coordinator- Kenya

📎 stakeholders ... deanery.doc

from: Nicholas Ngece ✨

subject: **Invitation to the stakeholders meeting for Meru South Improved Cookstoves Project- November 30, 2010 at 9:00 Am, Godka Hotel** 12/11/2010 10:12

to: marysentkaimuri@yahoo.com ✨

cc: You ✨, Bushra Razack ✨, charles.gitonga@co2balance.com ✨

other actions ▾

Dear Sir/ Madam,

**Invitation to the stakeholders meeting for Meru South Improved Cook-stoves Project- November 30, 2010 at 9:00 Am, Godka Hotel**

Co2balance, a company that is planning to initiate the construction of energy efficient stoves (Carbon Zero Stoves) for free to communities in Meru South is holding a stakeholder meeting on the 30th November 2010, at Godka Hotel.

Attached please find the invitation letter. Please confirm attendance by return email.

Kind regards

📎 stakeholders ... deanery.doc

**Gold Standard Local Stakeholder Consultation Report**



**Meru Stakeholder Meeting – Invitation List**

**This is to confirm that I / My organization was invited to attend the Local Stakeholder Consultation in Meru**

NAME	POSITION	METHOD OF INVITATION	SIGNITURE
District Forest officer	Meru-south Bona Conservationist	Letter	Karimi
District Information officer	D.I.O	"	Wang'ari
Pasoga tree nursery	Chairlady	"	Muthoni
Kathure mukuru	Community worker	"	Kalawa
Mutonga tree nursery	Manager	"	Sam
Mutua friends	Co-ordinator	"	King
Ciampampo tree nursery	Manager	"	Ronald
Muthoni tree nursery	"	"	Walter
Mutethia tree nursery	"	"	Walter
Nkironi D group	Chairperson	"	Kosame
Katheriku S.C.H	Chairperson	"	Kosame
MUCWA Men group	Chair person	"	Kosame
Magus Women group	Chairlady	"	Soni
Mungoni tree nursery	Manager	"	Walter
Rujuts forest Network	Chairperson	"	Mwambi
Mithem forest Network	"	"	Walter
Kiang'andu forest Network	"	"	Walter
Mthambo forest Network	"	"	Walter



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Tungu Water Resource Users Association (WRUA)	Chairman	letter	Jiraga
MKEPP-NRM	co-ordinator	letter	Jama
Chuka Baptist Community In	co-ordinator	letter	Kandari
Chuka University College	Principal	email/letter	Fijoka
Mwihini Catholic group	Chairlady	email/letter	Mampwet
Japhod Njem	Lecturer-Chuka uni.	email	Mreah
Wem Tree nursery	manager	letter	Sasa
Irung R.E.C. women group	Chairlady	email/letter	Jiriam
Redeemed gospel Church	overseer	email/letter	Jiriam
District Development Off.	D.O.	letter	Mthor
Thabira self Help Group	Chairperson	letter	Karaka
McKenya Rent Rental Cons.	Co-ordinator	letter	Karaka
umets S.G.H.	Chairperson	letter	Karaka
Mwendu S.G.H.	Chairperson	letter	Karaka
SISOD-Chuka	Manager	letter	Karaka
K.REP-Bank	manager	letter	Jirame
District Agriculture Office	D.A.O.	Letter	Mthor
National Environ - Mgt Authority	District Environment officer	letter	Jirame
Sub-Chief Karongoni	sub. chief	letter	Mere
Ass. Chief Mugwe	sub. chief	letter	Sasa
Ass. Chief Rukinda	sub Chief	letter	Karaka
Ass. Chief. Kiarjonda	Chief	Letter	Jirame

## Gold Standard Local Stakeholder Consultation Report

### SECTION C. CONSULTATION PROCESS

#### C. 1. Participants' in physical meeting(s)

##### i. List of participants

##### [See Toolkit 2.6.1 and Toolkit Annex J]

Please attach original participants' list (in original language) as Annex 1.

Participants list					
Date and time: 30 <sup>th</sup> November, 2010. 10:00am					
Location: Msambweni/Makongeni					
Category Code	Name of participant, job/ position in the community	Male/ Female	Signature	Organisation (if relevant)	Contact details
A	James Mutuiru	M	See Appendix 1	-	-
A	Anthony Rwugu	M	See Appendix 1	-	-
A	Jordaine Njoki	F	See Appendix 1	-	-
A	Peter Mugambi	M	See Appendix 1	-	-
A	Jasper kimanthi	M	See Appendix 1	-	-
A	Lisper Kature	F	See Appendix 1	-	-
A	Cimathi Riugu	M	See Appendix 1	-	-
A	Japhet K Moni	M	See Appendix 1		-
A	Sabecca Chamutegi	F	See Appendix 1	Kiathigiruni	-
A	JK Kiragu	M	See Appendix 1	Ministry of Water	-
A	Mathew Mdica	M	See Appendix 1	Tiss	-
A	Justin Mgaine	M	See Appendix 1	Wrua Tungu	-
A	Aileen mwari	F	See Appendix 1		-
A	Harriet	F	See Appendix 1	Kiathigiruni	-
A	Bettora karuiu	M	See Appendix 1	Mwendwa SHG	-
A	James Kithinji	M	See Appendix 1	Thabina Self Help Group	-
A	Fredrick Gitari	M	See Appendix 1	Munyaka SHG	-
A	Albert Muchee	M	See Appendix 1	Mucrirwa CCM	-
A	James Mugo	M	See Appendix 1	Kinege network	-
A	Gitari J Mbiuci	M	See Appendix 1	Turwvia	-
See Appndix 1 for full list of participants					

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### Comments accompanying Annex 1

The meeting in Meru was attended by 62 people. 36% of the participants were female. Most of the people in attendance were representatives of Self Help Groups, Local Ngo's, Cbo's and various community based development initiatives. We recognised that there were not enough females, and not enough local residents / beneficiaries in attendance and have devised a plan of action to address this.

We have spoken to the Area Chiefs and Pastors for the various sub locations and arranged to conduct a further series of "mini" consultations within these sub locations. We will be sending our co2balance field officers to the various locations to meet with the Pastors and their congregation to go through the project process with them. This will ensure that the groups that were not present and directly affected by the project are also informed and aware.

### ii. Evaluation forms

#### [See Toolkit 2.6.1, 2.6.2 and Toolkit Annex J]

Please add at least 4-5 representative samples in English.

Please attach original evaluation forms (in original language) as Annex 2.

Name	Jasper Msake (Feedback form 3)
What is your impression of the meeting?	Learn a new thing and improve economy in community
What do you like about the project?	I would like the project to attain its goals so people can save the energy
What do you not like about the project?	What I don't like is that the project should not fail it should prosper
Signature	See Annex 2.

Name	Judith Karaai (Feedback Form 5)
What is your impression of the meeting?	My information is to say thank you for your good work I am now teaching my group and others
What do you like about the project?	To make work easy and save time
What do you not like about the project?	Everything about the project is good
Signature	See annex 2.

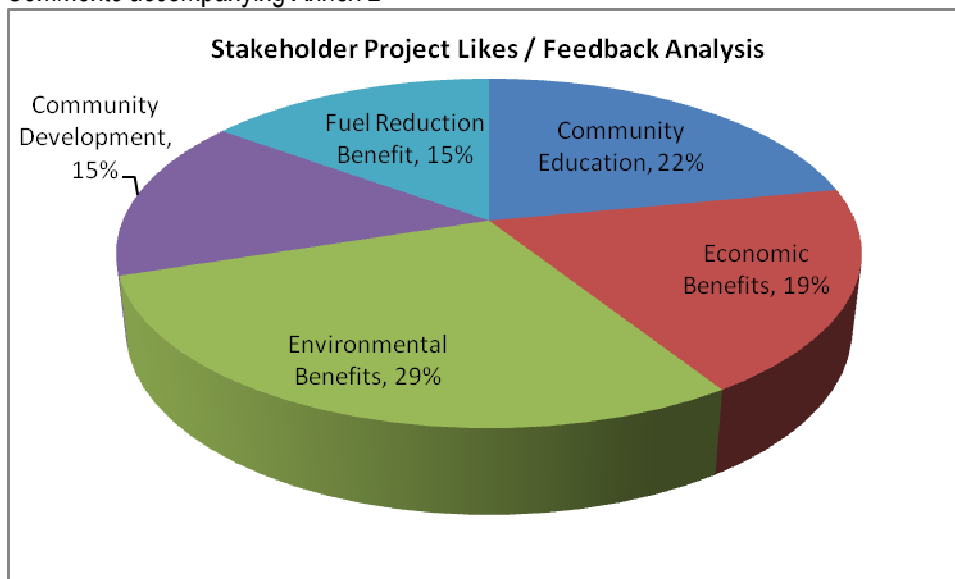
Name	Fredrick Gitari (Feedback Form 6)
What is your impression of the meeting?	I'm impressed by the knowledge that co2balance gives time to the people of the community. Im also impressed that the project gives community better

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	health
What do you like about the project?	I would like the project to be 'enlarged' to the community it will also uplift the standard of the community it will give less time in preparing meals
What do you not like about the project?	The project is up to date
Signature	See Annex 2.

<b>Name</b>	<b>James Robert (Feedback Form 7)</b>
What is your impression of the meeting?	To learn and know about co2balance
What do you like about the project?	To improve our environment for better standard of life and to protect our forests
What do you not like about the project?	Nothing
Signature	See Annex 2.

### Comments accompanying Annex 2



The overall consensus was that the meeting was successful and informative. Participants felt that they were made fully aware of the project and its objectives, and that their questions were answered.

Below are some comments extracted from the feedback forms that relate directly to the graph / indicators:

**Environmental benefits:**

Feedback form 2: "It protects the environment through prevention of mass tree felling and the environment is everything"

Feedback form 9: "The project will help the community save the environment by allowing the trees to grow, save time normally spent collecting firewood; the health and cleanliness of the kitchen."

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### **Fuel Reduction Benefit:**

Feedback form 4: "The project will help people to use little firewood and also will help to conserve environment and destroying our trees and forests within our district"

Feedback form 24: "This jiko [stove] will save us from using so much wood."

### **Community Education:**

Feedback form 15: "Education on awareness of new co2balance cooking method."

### **Economic Benefits:**

Feedback form 20: The project will enhance the community access more savings from energy expenditure."

Feedback form 23: "It will save people time and money."

### **Community Development Benefits:**

Feedback form 29: "It's good. To improve the living standards of the community."

Feedback form 30: "It's a good initiative to improve the living standards of the community."

The only dislikes about the project related to 2 points

- The duration and start time of the meeting. Due to late arrivals of Local officials the start time was not kept. We had to begin an hour later as we could not start without key community figures. This was observed by participants and commented on in some of the feedback forms. When the meeting was opened we apologised for the late start. 4 of the participants felt that the meeting should have gone on for a little longer. We spoke to the District Officer about this, and were told that we should not be concerned. We had covered all the relevant topics, and that we had done what we had intended to do. He said that often within these communities, some people prefer longer meetings as they feel that if the meetings are longer they will be provided with meals.
- The second dislike of the project was that co2balance was unable to provide schools and local NGO's with institutional stoves.
- Both of these are not True Dislikes of the project.

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### C. 2. Pictures from physical meeting(s)



co2balance's demonstration of the new stove technology to relevant stakeholders.

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The “cast” of the dramatization (theatrical) segment of our stakeholder meetings. These segments highlight the negative health/environmental impacts of the three stone method of cooking and explain how the new stove will aid in alleviating these problems.

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The “cast” of the dramatization (theatrical) segment of our stakeholder meetings.

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co2balance representative conducting stakeholder session.



co2balance representative conducting stakeholder session.

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co2balance representative conducting stakeholder session, telling participants what the project is all about.

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### C. 3. Outcome of consultation process

#### i. Minutes of physical meeting(s)

Please ensure that you include a summary of the meeting as well as all comments received.

#### Meru Stakeholder's Meeting – Minutes

**Date:** 30<sup>th</sup> November 2010

**Time:** 10:00 AM

**Venue:** Mesacco Building in Chuka Town

**Note:** The meeting was conducted in Kiswahili

**Present:**

Charles Gitonga – Field Officer – co2balance East Africa (**CG**)

Pastor Peter Mutethia – Redeem Church, Meru (**PM**)

Bushra Razack – Project Development Manager – co2balance East Africa (**BR**)

Richard Illife - Representative of co2balance UK – (**RI**)

**Item 1: Welcome and Opening 10.30am**

- Opening Remark - CG
- Welcome - BR
- Opening prayer - PM
- Registration of participants - BR

**Item 2: Introductions 10:45 am**

- Introduction of speakers and organizations -CG
- Each participant introduced themselves
- Agenda explained by BR.

**Item 3: Project Description 11.20am**

- The audience was provided with a detailed introduction to co2balance; Aims and Objectives - CG
- What is Climate Change – CG
- Introduction of project and project process - CG
- An elaboration on the environmental consequences of the traditional/current cooking methods and how this project would go about addressing and alleviating the problems - BR
- BR- explained the Carbon Zero Rocket construction process, its details and the differences between the Carbon Zero Rocket stove and the 3 stone stove. And elaborated on the Non technical Summary

**Item 4: Drama 12.05**

- A local Drama Group, trained by BR performed a skit on the differences between traditional cooking methods, and the new Carbon Zero Rocket Stove. They used comedy and local scenes and scenarios to raise how the stove affected the Development Indicators.

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- BR then initiated an interactive discussion with the participants on the Development Indicators and carried out the Blind Sustainable Development Matrix
- BR and CG explained the Sustainable Monitoring process, explaining monitoring roles in the project implementation, impact assessment and determination of way forward.

### **Item 5: Questions for Clarification about the Project 12:45 pm**

- BR declared the floor open for questions and comments. She made it clear that there was a need for the community to provide extensive feedback, both positive and negative, explaining that the project wants them to be an integral part of the decision making process since this was 'their' project. Concerns, opinions, suggestions and comments were addressed as follows:

#### **Question 1:**

(Local Resident) How long will you be in our community for, and how long will you be in our village for?

#### **Answer 1:**

CG and BR attempted to explain the project boundaries and the movement from village to village. They explained the planned roll-out process and the duration of co2balance's presence within each project location.

#### **Question 2:**

(Local Residents) Is this stove only for homesteads? What about schools and Ngos?

#### **Answer 2**

BR – co2balance has been involved in the distribution of Institutional stoves in the past, and we will notify the relevant community officers should we have an opportunity to introduce institutional stoves to the region. For now, our focus is on domestic stoves, and how to go about ensuring that all of you are provided with your own stove for your own domestic purposes.

#### **Question 3:**

(Local Residents) Please explain the stove design. Will the stove crack? What are you using? What is Rocket Stove Technology?

#### **Answer 3**

RI – Explained the stove design and stove parts and functions. The community were shown blown up pictures of the stove, and were also provided with individual print outs of the stove, with basic info on the stove design.

#### **Question 4:**

(Local Residents) We are doing similar environmental work within this community. Why are we not working together?

#### **Answer 4**

BR – One of the purposes of the stakeholder meeting, and why I send invitations to all the local Ngo's and Cbo's in the area is to explain to all of you exactly what we are doing. We hope that you will listen, and consider the possible synergies between what we do and what you are doing. As I have explained, one of our objectives is to ensure active community participation and to utilize already existing organizations and groups as they know the community best. I will be leaving my contact details with the Pastor, so please contact me and send me info on your organization and thereafter, we can discuss the possibilities of 'on the ground' collaboration

#### **Question 5:**

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(Local Resident) There are many conflicts within the community and people are often fighting about regional issues. If everyone is fighting about these regional and environmental issues then how can we do anything? Will you be able to do more meetings like this one to teach people about the environment?

### **Answer 5**

BR – One of the components of the project is community education and awareness. Our aim is to have a series of “mini” stakeholder meetings where we use drama groups like the ones you witnessed and clearly enjoyed to initiate discussion about the environmental and social issues within your respective communities. This is a great way to educate people about the current conditions and how we can, through our project, go about addressing them. When I use a medium like drama, and make sure that the drama groups are well representative of all parts of the community, people are generally open and engaged. This is the perfect platform to make people aware of how important it is to put aside our differences and focus on how we can all work together to make this project work.

(local resident) Thank you, its important to use this to teach people. This education is appreciated and understood.

### **Question 6:**

(Local Residents) Can we fit more than one pot on the stove?

### **Answer 6**

(Project Officer) CG – No, you can only fit one. BR added that because the new stove allows you to cook much faster than the traditional stove, this is not a problem. Food is cooked much quicker as heat is concentrated on the pot, allowing you to actually cook more on one stove in less time.

### **Question 7:**

Local Residents) Is the stove portable?

### **Answer 7**

(Project Officer) CG explained that the stove was not portable as co2balance needs to monitor the stove for future verification purposes.

### **Item 6: Vote of Thanks and Closing: 1.17 pm**

- BR introduced the PM to the group again to make sure everyone in the community knew him and was familiar with where he worked. The participants were made aware that any concerns could be directed at the Pastor and that he would in turn contact us and see how we could respond. The minutes of the meeting and additional project info will also be left with the Pastor and people are welcome to go and review it
- Closing comments by CG
- Vote of thanks and Closing prayer by PM
- Meeting ended at 2.27 pm
- Evaluation forms were completed

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### ii. Minutes of other consultations

N/A
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### iii. Assessment of all comments

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
<b>Relevant comments raised:</b>		
What about schools and NGOs? Can they not get a stove?	No	At present we are focusing on domestic stoves. We do build institutional stoves, but they do not form part of the current project. Should the situation arise where we are able to provide a school or NGO within the community with an institutional stove, we will do so. However it is not our focus.
What is Rocket Stove Technology? Will the stove crack?	No	Stakeholders were provided with a picture of the stove and a description of its design. A co2balance representative explained the design to participants. They were told that we did not anticipate the stoves to crack but that if there were any problems with the stove, there would be a stove monitoring and repair structure in place to address it immediately. The process of reporting stove problems was explained to the stakeholders.
We are doing similar environmental work within the community. Why are we not partnering up?	No	co2balance aims to create projects with maximum community involvement and participation. We feel that it is essential to work closely with already existing initiatives and organisations. We requested that they send us information on what they are doing and which locations they are working within. We informed them that we would review their information and consider if and how we could create a synergy between co2balance and their organisations.
There are many conflicts within the community and people are often fighting about regional issues. If everyone is fighting about these regional and environmental issues then how can we do anything? Will you be	No	We will be conducting a series of "mini consultations within all the individual locations. This allows us to reach the people who were unable to attend the meetings, but at the same time addresses this stakeholder comment. These meetings can act as education workshops to create

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able to do more meetings like this one to teach people about the environment?		awareness on the local environmental problems and how the project addresses them. It will also encourage a dialogue about the current environmental conditions and encourage people to work together to address them.
Can we put more than one pot on the stove?	No	No, this is a single pot stove.
<b>Other non-relevant comments raised:</b>		
Do we have to pay for the materials for the stove?	No	co2balnace explained all materials will be provided and no cost at all will be assigned to the project beneficiaries.

### iv. Revisit sustainability assessment

Are you going to revisit the sustainable development assessment?	Yes	No
Please note that this is necessary when there are indicators scored 'negative' or if there are stakeholder comments that can't be mitigated	<input type="checkbox"/>	X

<p>Give reasoning behind the decision</p> <p>There were no major environmental concerns raised during the stakeholder consultation process, it is therefore not considered necessary to change the project design, as it is not necessary to incorporate any additional measures to limit or avoid negative environmental impacts.</p> <p>As a whole the project is perceived to be positive in terms of the three categories of sustainability: environment, society and economy.</p>
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### v. Summary of alterations based on comments

<p>If stakeholder comments have been taken into account and any aspect of the project modified, then please discuss that here.</p> <p>N/A</p>
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### SECTION D. SUSTAINABLE DEVELOPMENT ASSESSMENT

#### D. 1. Own sustainable development assessment

##### i. 'Do no harm' assessment

Safeguarding principles	Description of relevance to my project	Project risks	Mitigation measure
The project respects internationally proclaimed human rights including dignity, cultural property and uniqueness of indigenous people. The project is not complicit in Human Rights abuses.	<p>The proposed project does not violate this principle.</p> <p>We will adhere to the host country's commitment to: Universal Declaration of Human Rights (UDHR)</p> <p>International Covenant on Economic, Social and Cultural Rights, Accession 01.05.1972<sup>1</sup></p> <p>International Covenant on Civil and Political Rights Kenya's Accession 01.05.1972<sup>1</sup></p>	Low (all parties involved are traceable reputable enterprises)	The project would not violate this principle. Similar projects conducted in other countries have demonstrated that there are no violations on human rights.
The project does not involve and is not complicit in involuntary resettlement.	<p>The proposed project does not violate this principle.</p> <p>People have the right to chose whether they want the stove in accordance with Article 1 of the International Covenant on Economic, Social and Cultural Rights, Kenya's Accession 11.06.1993,<sup>1,2</sup></p>	Low (no party involved will be impacted by this principle)	There are no reasons to think the project could violate this principle, as proven in previous similar projects undertaken in other countries.
The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage.	<p>The stove will not critically alter cooking practices; it is an improved technology of the same cooking method.</p> <p>Kenya's commitment to International Covenant on Economic, Social and</p>	Low (all parties involved will not be significantly impacted by this principle)	There are no reasons to think the project could violate this principle, as proven in previous similar projects undertaken in other countries.

<sup>1</sup> <http://www1.umn.edu/humanrts/research/ratification-kenya.html>

<sup>2</sup> <http://www1.umn.edu/humanrts/instree/b2esc.htm>

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	Cultural Rights 11.06.1993 <sup>1</sup> will ensure that this principle is not violated		
The project respects the employees' freedom of association and their right to collective bargaining and is not complicit in restrictions of these freedoms and rights	The nature of this project does not violate this principle.  Right to Organise and Collective Bargaining Convention. Kenya Ratified 13.01.1964 <sup>3</sup>	Low (all parties involved will not be significantly impacted by this principle)	There are no reasons to think the project could violate this principle, as proven in previous similar projects undertaken in other countries.
The project does not involve and is not complicit in any form of forced or compulsory labour.	Possible forced or compulsory labour.  However, co2balance will ensure all partners adhere to Article 8 a) of the International Covenant on Economic, Social and Cultural Rights, Kenya Ratification 01.05.1972 <sup>3,4</sup>	Low (as all parties involved are traceable reputable enterprises)	Manufacturing and distributing stoves involves employing local builders. Workers are formerly hired and ensured with working conditions in line to the national average.
The project does not employ and is not complicit in any form of child labour.	Possible child labour. However Kenya is bound to the Convention on the Rights of The Child Accession 30.07.1990 (Article 32) <sup>3</sup> . co2balance will ensure that all partners are compliant with rules set out.	Low (as all parties involved are traceable reputable enterprises)	Stove builders are reputable and do not make use of child labour. Proof of reputation will be delivered with the PDD (letter from all partners involved in the project)
The project does not involve and is not complicit in any form of discrimination based on gender, race, religion, sexual orientation or any other basis.	None of our project partners are involved in any discrimination  co2balance abides by the:  Convention on the Elimination of All Forms of Discrimination against Women (CEDAW), Kenya Accession 09.03.1984 <sup>3</sup>	Low (all parties involved will not be significantly impacted by this principle)	There are no reasons to think the project could violate this principle, as proven in previous similar projects undertaken in other countries

<sup>3</sup> <http://www1.umn.edu/humanrts/research/ratification-kenya.html>

<sup>4</sup> <http://www1.umn.edu/humanrts/instree/b2esc.htm>

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	International Convention on the Elimination of All Forms of Racial Discrimination; Kenya Accession 13.09.2001 <sup>3</sup>		
The project provides workers with a safe and healthy work environment and is not complicit in exposing workers to unsafe or unhealthy work environments.	Possible exposure to hazardous chemicals in construction phase.  co2balance would abide by Kenya's Occupational Safety and Health Act (OSHA) No 15 of 2007  Cartagena Protocol on Biosafety. Ratified 01.24.2002 <sup>5</sup>	Low (as all parties involved are traceable reputable enterprises)	All employees are appropriately trained in health and safety for the construction of stoves and handling of construction products. They are not exposed to unsafe or unhealthy work environments. Proof of this will be provided with the PDD (letter from all our project partners)
The project takes a precautionary approach in regard to environmental challenges and is not complicit in practices contrary to the precautionary principle.	The project alleviates environmental challenges. It decreases unsustainable harvesting of wood from forests and the stove construction phase is conducted in a low impact manner. co2balance abides by the Constitution of Kenya's Environment Management and Coordination Act 1999, part V <sup>6</sup>	Low (all parties involved will not be significantly impacted by this principle)	There are no reasons to think the project could violate this principle, as proven in previous similar projects undertaken in other countries
The project does not involve and is not complicit in significant conversion or degradation of critical natural habitats, including those that are (a) legally protected, (b) officially proposed for protection, (c) identified by authoritative sources for their high conservation value, or (d) recognized as protected by	Kenya is ratified to the Convention on biodiversity; Ratified 07.26.1994 <sup>7</sup> . The nature of this project does not violate this principle. The project protects natural habitats by decreasing wood fuel harvesting from local forests.	Low (all parties involved will not be significantly impacted by this principle)	There are no reasons to think the project could violate this principle, as proven in previous similar projects undertaken in other countries

<sup>5</sup> <http://www.cbd.int/doc/handbook/cbd-hb-07-en.pdf>

<sup>6</sup> <http://faolex.fao.org/docs/pdf/ken41653.pdf>

<sup>7</sup> <http://www.cbd.int/doc/handbook/cbd-hb-07-en.pdf>

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traditional local communities.			
The project does not involve and is not complicit in corruption.	UN Convention against Corruption Ratification and Succession 09.12.2003 <sup>8</sup>  co2balance screens project participants for corruption. We proceed on all our project through formal and transparent methods	Negligible	There are no reasons to think the project could violate this principle, as proven in previous similar projects undertaken in other countries
<b>Additional relevant critical issues for my project type</b>	<b>Description of relevance to my project</b>	<b>Assessment of relevance to my project (low, medium, high)</b>	<b>Mitigation measure</b>
None			
etc...			

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<sup>8</sup> <http://www.unodc.org/unodc/en/treaties/CAC/signatories.html>

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### ii. Sustainable development matrix

[See Toolkit 2.4.2 and Toolkit Annex I]

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Gold Standard indicators of sustainable development	If relevant, copy mitigation measure from 'Do No Harm' assessment, and include mitigation measure used to neutralise a score of '-'	Check <a href="http://www.undp.org/mdg">www.undp.org/mdg</a> and <a href="http://www.mdgmonitor.org">www.mdgmonitor.org</a> Describe how your indicator is related to local MDG goals	Defined by project developer	<u>Negative impact:</u> score '-' in case negative impact is not fully mitigated, score '0' in case impact is planned to be fully mitigated  <u>No change in impact:</u> score '0'  <u>Positive impact:</u> score '+'
Air quality	None required	MDG's: Promote gender equality and empower women (3), Reduce child mortality (4), Improve maternal health (5), and Ensure environmental sustainability (7).  The improved stoves result in lower exposure levels and times to the selected parameters during cooking. This applies particularly	Parameters: <i>Total suspended particulate (TSPM), Respirable suspended particulate matter (RSPM).</i> - Measured indirectly by fuel consumption  A reduction in non-renewable biomass fuel consumption will result	+

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		<p>to women and children who are most likely to be affected by this.</p> <p>Stoves are constructed from kits, they will be provided to the contractor by co2balance. These consist of a fired clay liner, fired bricks and a cast iron pot plate. All components will be produced by a local contractor. Although this may affect national air quality, it is likely to be insignificant in relation to air pollution reduction from the improved stove use. A detailed discussion will be made as part of the leakage assessment in the PDD.</p>	<p>in lower levels of TSPM and RSPM in the household environment.</p> <p>Investigations will be made into the practicality of monitoring brick production emissions.</p>	
<p>Water quality and quantity</p>	<p>None required</p>	<p>MDG: Ensure environmental sustainability (7)</p> <p>The reduction in wood required for cooking can reduce unsustainable</p>	<p>Parameter: Water quality and quantity.</p> <p>Kenya is classified as a chronically water scarce country, with an annual renewable fresh water supply of only 674 m3 per capita (globally a country</p>	<p>0</p>

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Soil condition	None required	<p>harvesting of surrounding forests, contributing to environmental sustainability.</p>	<p>is categorized as water stressed if its annual renewable freshwater supplies are between 1000-1700 m<sup>3</sup> per capita).</p> <p>It is expected that avoided deforestation will indirectly lead to reduced soil erosion and hence reduced pollution of local water courses. However, this indicator is difficult to measure, hence it scores a neutral zero</p>	
	<p>MDG: Ensure environmental sustainability (7)</p> <p>The reduction in wood fuel required for cooking will reduce unsustainable harvesting of surrounding forests.</p>		<p><i>Parameters: Soil erosion &amp; Organic matter content.</i></p> <p>Research by the IFAO and CIFOR found that deforestation does have a role in small floods and topsoil erosion by eliminating the buffering and soil-anchoring effects of forests.</p> <p>Therefore, unsustainable harvesting can lead to deforestation and subsequently increased soil erosion. Reducing firewood usage will result in reduced soil erosion and an increase in soil organic matter. However, this</p>	0

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			<p>indicator is difficult to measure; hence it scores a neutral zero.</p>	
Other pollutants	None required	<p>Relevant MDG: Ensure environmental sustainability (7)</p> <p>-</p>	<p><i>Parameter: none needed as score is neutral</i></p> <p>There is no evidence to suggest that the project will relate to any other pollutants.</p>	0
Biodiversity	None required	<p>MDG: Ensure environmental sustainability (7)</p> <p>6.2% (approximately 3,522,000 hectare) of Kenya is forested. Of this, 20.0% or roughly 704,000 hectares is classified as primary forest, the most biodiverse form of forest.</p> <p>Between 1990 and 2000, Kenya lost an average of 12,600 hectares of forest per year. The amounts to an average annual deforestation rate of 0.34%. Between 2000 and</p>	<p><i>Parameter: Number of affected habitats.</i></p> <p>The reduction in wood consumption will reduce pressures on existing habitats, leading to increased biodiversity. This indicator may however prove difficult to measure; hence it scores a neutral zero.</p>	0

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		<p>2005, the rate of forest change decreased by 1.4% to 0.34% per annum. In total, between 1990 and 2005, Kenya lost 5.0% of its forest cover, or around 186,000 hectares. Kenya lost 38,000 hectares of its primary forest cover during that time.</p> <p>Kenya has some 1847 known species of amphibians, birds, mammals and reptiles according to figures from the World Conservation Monitoring Centre. Of these, 4.0% are endemic, meaning they exist in no other country, and 3.8% are threatened. Kenya is home to at least 6506 species of vascular plants, of which 4.1% are endemic.</p>		
Quality of employment	None required	MDG: End poverty and hunger (1) Employment and training	Parameter: Number of workshops organised, number of attendees.	+

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		<p>opportunities resulting from stove construction and maintenance and project monitoring will provide income to people in the area.</p>	<p>Local artisans will undergo a short course on stove design and construction. This will equip them with valuable skills in stove construction and stove maintenance. These are all skills that will be able to use in the future to gain employment. In addition to this, our data collection training includes sections on conflict resolution, group work and effective communication. These skills will enable people to be more productive, effective and efficient in any future work.</p>	
<p>Livelihood of the poor</p>	<p>None required</p>	<p>MDG's: Eradicate extreme poverty &amp; hunger (1), Promote gender equality and empower women (3), Reduce child mortality (4), Improve maternal health (5), Combat HIV/AIDS, malaria and other diseases (6)</p> <p>The reduction in wood required for cooking will result in less</p>	<p><i>Parameter: Time spent collecting wood, household expenditure on wood. - calculated from fuel wood savings.</i></p> <p>Financial savings can be calculated by comparing wood reduction per household to the cost of wood. The</p> <p style="text-align: center;">+</p>	

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<p>Access to affordable and clean energy services</p>	<p>None required</p>	<p>expenditure on cooking fuel. This also reduces dependence on an increasingly scarce resource. Reduced smoke exposure will benefit women and children, who are most usually the ones spending long hours for wood collection and present during cooking.</p> <p>In deforested areas, at high temperatures and low humidity malaria infection rates is increased<sup>9</sup>; this project will significantly contribute to reducing deforestation rates and thus the incidence of such diseases.</p> <p>MDG: Eradicate extreme poverty &amp; hunger (1)</p> <p>The reduction in wood required will allow lower expenditure on energy. The improved stoves will contribute to cleaner energy services.</p>	<p>reduction in wood required for cooking will result in less expenditure on cooking fuel. These savings can be used by project beneficiaries for other purposes (clothes, schooling etc...)</p> <p>Reduced smoke exposure will benefit the health of women and children, who are most usually present during cooking. Reduction in wood required for cooking will also result in a reduction of time spent collecting fuel.</p>	
			<p><i>Parameter: Change in volume of Traditional Fuel Consumption.</i></p> <p>Through comparing the reduction in wood per household to the cost of wood it will be possible to calculate the savings made.</p>	<p>+</p>

<sup>9</sup> <http://classes.hortla.wsu.edu/uh390/2010/G2/UH390-2-2010-Paper2.pdf>

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<p>Human and institutional capacity</p>	<p>None required</p>	<p>MDG: Promote gender equality and women empowerment (3) Women are in charge of cooking tasks; hence this project will bring a number of benefits to the local women.</p>	<p><i>Parameter: Change in female earned income, Change in number of jobs and positions for women.</i>  Local women will be employed throughout different phases of the project primarily as data collectors and community engagement officers. This will be monitored through project employment records.</p>	<p style="text-align: center;">+</p>
<p>Quantitative employment and income generation</p>	<p>None required</p>	<p>MDG: Eradicate extreme poverty &amp; hunger (1)  The project will create jobs and generate income for those involved in stove production, distribution, installation, maintenance and project sampling.  Reduced expenditure on fuel will essentially increase available income for project beneficiaries.</p>	<p><i>Parameter: Income generated from employment created by the project.</i>  Approximately 35 people will be directly employed for the project. About 95% of them are local people. The roles will involve mainly data collection, data entry, stove construction and local mediation.</p>	<p style="text-align: center;">+</p>

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<p>Balance of payments and investment</p>	<p>None required</p>	<p>MDC: Develop a global partnership for development (8). It is not anticipated that the project will have any impact balance of payments and investment.</p>	<p><i>Parameter: Amount of domestic investment, amount of foreign direct investment</i>  This is a small scale project at the household level; therefore the indicator is not expected to revert to significant and monitorable values. However, this will be monitored as required</p>	<p>0</p>
<p>Technology transfer and technological self-reliance</p>	<p>None required</p>	<p>Eradicate extreme poverty &amp; hunger (1), Ensure environmental sustainability (7)  The project will bring the wood efficient stove technology to the area.</p>	<p><i>Parameter: Number of training workshops organized to teach people to build the stove.</i>  Data Collectors Training: 10 – 15 people Stove Construction Training: 30+ people expected to be trained in stove construction during the duration of the project.</p>	<p>+</p>

Comments accompanying own sustainable development matrix

Lessons from previous projects have been included to ensure a continuous improvement on the quality of our projects. The series of positive indicators suggests that this project would have a significant positive effect in the Meru region.

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### D. 2. Stakeholders Blind sustainable development matrix

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Gold Standard indicators of sustainable development	If relevant, copy mitigation measure from 'Do No Harm' assessment, and include mitigation measure used to neutralise a score of '-'	Check <a href="http://www.undp.org/mdg">www.undp.org/mdg</a> and <a href="http://www.mdgmonitor.org">www.mdgmonitor.org</a> Describe how your indicator is related to local MDG goals	Defined by project developer	<u>Negative impact:</u> score '-' in case negative impact is not fully mitigated, score '0' in case impact is planned to be fully mitigated  <u>No change in impact:</u> score '0'  <u>Positive impact:</u> score '+'
Air quality	None required	MDG's: Promote gender equality and empower women (3), Reduce child mortality (4), Improve maternal health (5), and Ensure environmental sustainability (7). The improved cook stoves result in less exposure to indoor particulate	Parameters: Carbon monoxide, RSPM and TSPM – via wood consumption  Reduction in wood used will reduce emissions of carbon dioxide, total suspended particulate matter and respirable suspended particulate matter.	+

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		matter during cooking, particularly for women and children.	Stakeholders agree that direct hygiene air quality will be improved in the kitchen due to less smoke.	
Water quality and quantity	None required	<p>MDG: Environmental Sustainability (7)</p> <p>The reduction in wood required for cooking will result in less degradation of surrounding forests, and therefore improve water quality.</p>	<p><i>Parameter: Water quality and quantity</i></p> <p>Reduction in wood used will improve water quality and quantity. The improvements may not be directly measurable and attributable specifically to the project, as it is small scale. Because this indicator is difficult to measure it scores a neutral zero.</p>	0
Soil condition	None required	<p>MDG: Environmental Sustainability (7)</p> <p>The reduction in wood required for cooking will result in less degradation of surrounding forests, and in this respect will minimise erosion</p>	<p><i>Parameter: Soil erosion</i></p> <p>Reduced soil erosion may prove difficult to measure because of the small scale nature of this project; hence this indicator scores a neutral zero. It is therefore assumed that reduced wood consumption will reduce forest removal and subsequently soil erosion.</p>	0
Other pollutants	None required	MDG: Ensure Environmental		0

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		Sustainability (7) This indicator will not significantly impact the project.	There are no other suggestions to think the project will related to any other pollutants	
Biodiversity	None required	MDG: Ensure Environmental Sustainability (7). The reduction in wood required for cooking will result in less degradation of surrounding forests, and thus improve biodiversity.	Parameter: Number of affected habitats. Stakeholders agreed that the project will have a positive impact on both flora and fauna in the area. However, due to the small scale of the project, increased biodiversity may be difficult to measure directly; hence this indicator scores a neutral zero. It is therefore assumed that the decrease in wood consumption will reduce pressure on existing habits.	0
Quality of employment	None required	MDG: End poverty & hunger (1). Stove construction, maintenance and monitoring would not only generate a significant amount of employment but also provide a high quality of transferable skills to	Parameter: Number of contracts/people employed through the different phases of the project, and any skills/training they will receive to enable them to perform their jobs. Stakeholders agree that transferable	+

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		<p>persons in the area. This would prove fruitful for future stove construction projects in the region.</p>	<p>skills would prove fruitful for future stove construction projects in the region.</p> <p>We have also redesigned our training courses to include lessons on effective communication, dialogue, conflict resolution and group work. Equipping people with these skills increases their confidence, ability to complete tasks and enhances productivity.</p>	
<p>Livelihood of the poor</p>	<p>None required</p>	<p>MDG: End poverty &amp; hunger (1).</p> <p>The reduction in wood required for cooking will result in less expenditure on cooking fuel.</p>	<p><i>Parameter: Expenditure on wood and time spent collecting wood, measured indirectly by fuel consumption and directly through kitchen surveys, respectively.</i></p> <p>Through comparing the reduction in firewood per household to the cost of firewood it will be possible to calculate the savings made.</p> <p>Monitoring kitchen surveys will assess time spent collecting fuel.</p>	<p style="text-align: center;">+</p>

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<p>Access to affordable and clean energy services</p>	<p>None required</p>	<p>MDG: End poverty &amp; hunger (1). The reduction in wood required for cooking will result in less expenditure on cooking fuel.</p>	<p><i>Parameter: Change in volume of Traditional Fuel Consumption.</i> Through comparing the reduction in wood per household to the cost of wood it will be possible to be calculated the savings made.</p>	<p style="text-align: center;">+</p>
<p>Human and institutional capacity</p>	<p>None required</p>	<p>MDG: End poverty &amp; hunger (1). Increased access to training and skills through the project will generate income and opportunities to reduce poverty.</p>	<p><i>Parameter: Household income generated from employment created by the project, Parameter: Change in female earned income, Change in number of jobs and positions for women.</i> New employment opportunities for both men and women will be created by the project.</p>	<p style="text-align: center;">+</p>
<p>Quantitative employment and income generation</p>	<p>None required</p>	<p>MDG: End poverty &amp; hunger (1). The project will create jobs and generate income for those involved in stove production, distribution, installation, maintenance and</p>	<p><i>Parameter: Household income generated from employment created by the project.</i> A number of new job opportunities will be created that would generate income. However, there may be</p>	<p style="text-align: center;">0</p>

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Balance of payments and investment	None required	<p>project sampling.</p> <p>Income losses because of the new stove technology</p> <p>MDG: End poverty &amp; hunger (1). This project will not have a significant impact on balance of payments and investment</p>	<p>potential income losses (e.g. to fire wood sellers) because of the new stoves. Because of this, we have given this indicator a neutral score.</p> <p><i>Parameter: Amount of domestic investment, amount of foreign direct investment.</i></p> <p>This indicator will not be significantly impacted by the project</p> <p><i>Parameter: Number of training workshops organised to teach people to build the stove.</i></p> <p>Data collectors training: 10 – 15 people expected to attend Stove Construction Training: 30+ people expected to be trained during the duration of the project</p>	0
Technology transfer and technological self-reliance	None required	<p>MDG: Eradicate extreme poverty &amp; hunger (1); Ensure environmental sustainability.</p>	<p><i>Parameter: Number of training workshops organised to teach people to build the stove.</i></p> <p>Data collectors training: 10 – 15 people expected to attend Stove Construction Training: 30+ people expected to be trained during the duration of the project</p>	+

Comments resulting from the stakeholders blind sustainable development matrix

The stakeholder's blind assessment exercise was tremendously positive. Many expressed their support for the project as it relates to Environmental, Economic and Social Impacts. The project has opened up new possibilities for women in an area where traditionally women have few opportunities. The project employs local women to run the Data Collection Process. This puts women in a position of authority, keeps them active and involved in the community and not behind closed doors in a homestead, and equips them with the power to make decisions.

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Women no longer have to spend long hours gathering fuel wood from increasing distances they can become involved in income generating activities to reduce their poverty. Eliminating/ reducing the women dependency on fuel collection far from home will reduce the risk of assault and injury to women and girls. These safety risks are often experienced when women are at their most vulnerable; alone and far from home.

Women, who are usually in charge of cooking, are most at risk of chronic respiratory problems, such as chronic obstructive pulmonary disease (COPD). Cutting down indoor air pollution will contribute to better respiratory health, in particular among young mothers spending time close to the fire after having given birth.

Give analysis of difference between own sustainable development matrix and the one resulting from the blind exercise with stakeholders. Explain how both were consolidated.

Typically the comments received from the stakeholders were positive and support the comments from the co2balance's own sustainable development matrix. The scorings have been compared with and where neutral scoring has been recorded through either lack of comment or discussion in the meeting against an indicator co2balance have scored neutral as all non-neutral indicators are required to be monitored under the Gold Standard.

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### D. 3. Consolidated sustainable development matrix

[See Toolkit 2.4.2]

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Gold Standard indicators of sustainable development	If relevant, copy mitigation measure from 'Do No Harm' assessment, and include mitigation measure used to neutralise a score of '-'	Check <a href="http://www.undp.org/mdg">www.undp.org/mdg</a> and <a href="http://www.mdgmonitor.org">www.mdgmonitor.org</a>  Describe how your indicator is related to local MDG goals	Defined by project developer	<u>Negative impact:</u> score '-' in case negative impact is not fully mitigated, score '0' in case impact is planned to be fully mitigated  <u>No change in impact:</u> score '0'  <u>Positive impact:</u> score '+'
Air quality	None Required	MDG's: Promote gender equality and empower women (3), Reduce child mortality (4), Improve maternal health (5), and Ensure environmental sustainability (7).	Parameters: Total suspended particulate (TSPM) Respirable suspended particulate matter (RSPM)  A reduction in non-renewable	+

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		<p>The improved stoves result in lower exposure levels and times to the selected parameters during cooking. This applies particularly to women and children who are most likely to be affected by this.</p> <p>Reduced fuel consumption also leads to increased land area cover by forest and reduced CO<sub>2</sub> emissions.</p> <p>Stoves are constructed from locally dug and produced clay bricks. 70% of the bricks are sun dried, however the 30% making up the firebox require use of local kiln firing facilities. Although this will produce some air pollution it is likely to be insignificant in relation to the reductions resulting from the stove use and so the indicator has been left as positive.</p>	<p>biomass fuel consumption will result in lower levels of CO<sub>2</sub> emissions in the atmosphere and lower levels of TSPM and RSPM in the household environment.</p> <p>Parameter would also be measured through kitchen surveys by asking householders whether or not they noticed a significant change in Air Quality, so improving air quality</p>	
Water quality and quantity	None required	MDG: Ensure environmental	Parameter: Water quality and	0

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		<p>sustainability (7)</p> <p>The reduction in wood required for cooking will reduce unsustainable harvesting of surrounding forests, contributing to environmental sustainability.</p>	<p>quantity</p> <p>Kenya is classified as a chronically water scarce country, with an annual renewable fresh water supply of only 674 m<sup>3</sup> per capita (globally a country is categorized as water stressed if its annual renewable freshwater supplies are between 1000-1700 m<sup>3</sup> per capita).</p> <p>It is expected that avoided deforestation will lead to reduced soil erosion and hence reduced pollution of local water courses. However, this indicator is difficult to measure so it scores a neutral zero.</p>
<p>Soil condition</p>	<p>None required</p>	<p>MDG: Ensure environmental sustainability (7)</p> <p>The reduction in wood required for cooking will reduce unsustainable harvesting of surrounding forests.</p>	<p>Parameter: Soil erosion and Organic matter content.</p> <p>The organic content of soil is a buffer against erosion. Reduced removal of wood will result in reduced soil erosion and an increase in soil organic matter. However, this indicator may prove</p> <p style="text-align: center;">0</p>

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			difficult to measure and monitor so it scores a neutral zero.	
Other pollutants	None required	<p>MDG: Ensure environmental sustainability (7)</p> <p>There is no evidence to suggest that the project will be related to any other pollutants.</p>	<p>Parameter: none needed as score is neutral.</p> <p>There is no evidence to suggest that the project will relate to any other pollutants</p>	0
Biodiversity	None required	<p>MDG: Ensure environmental sustainability (7)</p> <p>It is assumed that the reduction in wood consumption will reduce pressures on existing habitats, leading to increased biodiversity.</p>	<p>Parameter: Number of affected habitats.</p> <p>Improved stoves will reduce the unsustainable harvesting of wood. Improved stoves will reduce fuel consumption as less firewood will be needed. This can indirectly lead to increased biodiversity as there will be less forest degradation. However, because this indicator is difficult to measure and monitor it scores a neutral zero.</p>	0
Quality of employment	None required	MDG: End poverty & hunger.	Parameter: Number of workshops	+

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		<p>Employment and training opportunities resulting from stove construction and maintenance and project monitoring will provide income to people in the area.</p>	<p>organised, content and attendees. Working conditions during the project.</p> <p>Number of contracts/ people employed through the different phases of the project, and any skills/training they will have received to enable them to perform their jobs: We have redesigned our training courses to include lessons on effective communication, dialogue, conflict resolution and group work. Equipping people with these skills increases their confidence, ability to complete tasks and enhances productivity.</p>	
<p>Livelihood of the poor</p>	<p>None required</p>	<p>MDG's: Eradicate extreme poverty &amp; hunger (1), Promote gender equality and empower women (3), Reduce child mortality (4), Improve maternal health (5), Combat HIV/AIDS, malaria and other diseases (6)</p> <p>The reduction in wood required for cooking will result in less</p>	<p>Parameter: Wood Consumption, Wood Cost and time spent for wood collection.</p> <p>It has been shown that 'forest loss increases key health risks such as malaria', this project will contribute to reducing forest loss and thus the</p>	<p>+</p>

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		<p>expenditure on cooking fuel. This also reduces dependence on an increasingly scarce resource. Reduced smoke exposure will benefit women and children, who are most usually present during cooking. And finally, reduction in wood required for cooking will result as well in time saving on cooking fuel collection.</p>	<p>incidence of malaria.</p> <p>Through comparing the reduction in wood per household to the cost of wood it will be possible to calculate financial savings made by households. The saving on time spent for wood collection will be also measured and compared to the baseline.</p>	
<p>Access to affordable and clean energy services</p>	<p>None required</p>	<p>MDG: Eradicate extreme poverty &amp; hunger (1)</p> <p>The reduction in firewood required will result in lower expenditure on energy</p>	<p><i>Parameter: Change in volume of Traditional Fuel through wood consumption, wood cost and time spent for wood collection</i></p> <p>By measuring the direct parameters, we will prove the benefits from the project as it relates to more affordable energy (reduction in wood per household).</p>	<p>+</p>
<p>Human and institutional capacity</p>	<p>None required</p>	<p>MDG: Promote gender equality and women empowerment (3).</p>	<p><i>Parameter: Household income generated from employment created by the project, Parameter:</i></p>	<p>+</p>

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<p>Quantitative employment and income generation</p>	<p>We will seek to employ those individuals, (fuel sellers etc), that are likely to have their income affected will be employed for the duration of the project. As a result we have given this a neutral</p>	<p>The project will bring numerous benefits to women as there are in charge of the cooking tasks</p>	<p><i>Change in female earned income, Change in number of jobs and positions for women, Women in decision making groups at the community level.</i></p> <p>There will be new employment opportunities for both men and women will be created by the project. Local women will be employed throughout different phases of the project primarily as data collectors and community engagement officers. Employment positions will be monitored through employment records.</p>	
		<p>MDG: End poverty &amp; hunger (1). The project will create jobs and generate income for those involved in stove production, distribution, installation, maintenance and project sampling.</p>	<p><i>Parameter: Household income generated from employment created by the project using internal records.</i></p> <p>Wood sellers will see their business affected as less input will be needed to cook the same food. However, a number of new job</p>	<p>0</p>

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	score		<p>opportunities for both men and women will be created by the project. The quality and content of our new training sessions encourages participation, capacity building, personal and group development. A by-product of more confident and efficient individuals is a more efficient and productive group, community and project.</p> <p>Approximately 35 people will be directly employed for the project (95% will be locals). The roles will involve data collection, data entry, stove manufacturers and local mediators. Fuel sellers would be trained in stove construction; this would be reflected in employment records.</p>	
Balance of payments and investment	None required	<p>MDG: Develop a global partnership for development (6)</p> <p>It is not anticipated that the project will have any impact balance of payments and investment.</p>	<p>Parameter: none needed as score is neutral.</p> <p>It is not anticipated that the project will have any impact balance of payments and investment.</p>	0
Technology transfer and technological self-	None required			+

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<p>reliance</p>	<p>Eradicate extreme poverty &amp; hunger (1), Ensure environmental sustainability (7)</p> <p>The project will bring the wood efficient stove technology to the area, as well as new skills through capacity building.</p>	<p><i>Parameter: Number of training workshops organised to teach individuals to build the stoves through internal records.</i></p> <p>Data Collectors Training: 10+ people.</p> <p>Stove construction Training: 30+ people are expected to be trained in stove construction during the duration of the project.</p> <p>Our data collectors training will include sections on personal development group work, effective communication and positive self image. As a company, we are aware that the success of the project is determined by how content, effective and efficient the people involved in its implementation are.</p>
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Justification choices, data source and provision of references

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<p>A justification paragraph and reference source is required for each indicator, regardless of score</p>	<p>Air quality</p> <p>A reduction in non-renewable biomass fuel consumption will result in lower levels of TSPM and RSPM in the household environment.</p> <p>Evidence of direct relationships between improved stoves and emissions of air pollutants:</p> <p>Fullerton, D.G., Bručen, N., Gordon, S.B. (2008). Indoor air pollution from biomass fuel smoke is a major health concern in the developing world. <i>Royal Society of Tropical Medicine and Hygiene</i>. (102), 843-851.</p> <p>There is evidence of a direct relationship between exposure to biomass smoke and health, as published in this study by the WHO (World Health Organisation, see page 11) <a href="http://whqlibdoc.who.int/hq/2002/WHO_SDE_OEH_02.05.pdf">http://whqlibdoc.who.int/hq/2002/WHO_SDE_OEH_02.05.pdf</a> [Accessed December 2nd, 2010]</p> <p>This can be further supported by the following health impact report published by the FAO (Food and Agriculture Organisation – UN): <a href="http://www.fao.org/docrep/009/a0789e/a0789e09.htm">http://www.fao.org/docrep/009/a0789e/a0789e09.htm</a> [Accessed December 2nd, 2010]</p> <p>In consideration of the scale of the project and the consultancy costs associated with this type of sampling it has been decided</p>
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	<p>not to measure these air quality parameters directly but to use the amount of wood consumed as a secondary parameter for this indicator and determine whether the recipients of project technology have experienced any improvements in respiratory health through the kitchen surveys</p>
<p>Water quality and quantity</p>	<p>A decrease in wood demand and production will reduce climate change as a result of greenhouse gas emissions production and a consequent improvement in water quality and quantity. Source: <a href="http://www.kenyaforestservice.org/index.php?option=com_content&amp;task=view&amp;id=92&amp;Itemid=124">http://www.kenyaforestservice.org/index.php?option=com_content&amp;task=view&amp;id=92&amp;Itemid=124</a> [Accessed December 2nd, 2010]</p> <p>Kenya is classified as a chronically water scarce country, with an annual renewable fresh water supply of only 674 m<sup>3</sup> per capita (globally a country is categorized as water stressed if its annual renewable freshwater supplies are between 1000-1700 m<sup>3</sup> per capita). <a href="http://www.wsup.com/sharing/documents/Kenyaclimatechangesummmary2010.pdf">http://www.wsup.com/sharing/documents/Kenyaclimatechangesummmary2010.pdf</a> [Accessed December 2nd 2010]</p> <p>Due to the scale of the project it is unlikely that these improvements as a result of the project will be directly measurable and attributable to the project when the affects of other initiatives and natural environmental variability are taken into consideration. In light of this it has been decided not to measure water quality and quantity parameters directly but to use the amount of wood consumed as a secondary</p>
<p>Soil condition</p>	<p>Unsustainable harvesting may lead to deforestation and</p>

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	<p>subsequently soil erosion. This is supported by the following UNEP report on Kenya's Green Development.  <a href="http://www.unep.org/dewa/africa/KenyaAtlas/PDF/Kenya_Atlas_FINAL_PR.pdf">http://www.unep.org/dewa/africa/KenyaAtlas/PDF/Kenya_Atlas_FINAL_PR.pdf</a>          [Accessed December 2nd, 2010]</p> <p>Due to the scale of the project it is unlikely that this improvement as a result of the project will be directly measurable and attributable to the project when the affects of other initiatives and natural environmental variability are taken into consideration. It is therefore proposed to use wood consumption as a secondary parameter for this indicator.</p>
Other pollutants	<p>There is no evidence to suggest that the project will relate to any other pollutants. There is no evidence of a direct relationship between the improved stove to be used in the project and the other emissions of air pollutants beside the stated above in the air quality indicator, this is supported by a study conducted by the:</p> <p>University of Berkeley: Smith, K.R., Dutta, K., Gusain, P.P.S., Masera, O., Berrueta, V., Edwards, R., Bailis, R., Shields, K.N., . (2007). Monitoring and evaluation of improved biomass cookstove programs for indoor air quality and stove performance: conclusions from the Household Energy and Health Project. <i>Energy for Sustainable Development</i>. XI (2), 5-18.</p>
Biodiversity	<p>6.2% (approximately 3,522,000 hectare) of Kenya is forested. Of this, 20.0% or roughly 704,000 hectares is classified as primary forest, the most biodiverse form of forest. Between 1990 and 2000, Kenya lost an average of 12,600 hectares of forest per year. The amounts to an average annual deforestation rate of 0.34%.</p>

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	<p>Between 2000 and 2005, the rate of forest change decreased by 1.4% to 0.34% per annum. In total, between 1990 and 2005, Kenya lost 5.0% of its forest cover, or around 186,000 hectares. Kenya lost 38,000 hectares of its primary forest cover during that time. Kenya has some 1847 known species of amphibians, birds, mammals and reptiles according to figures from the World Conservation Monitoring Centre. Of these, 4.0% are endemic, meaning they exist in no other country, and 3.8% are threatened. Kenya is home to at least 6506 species of vascular plants, of which 4.1% are endemic.  <a href="http://rainforests.mongabay.com/deforestation/archive/Kenya.htm">http://rainforests.mongabay.com/deforestation/archive/Kenya.htm</a>          [Accessed 07 December, 2010]</p>
<p>Quality of employment</p>	<p>Due to the scale of the project it is unlikely that this impact will be directly measureable and attributable to the project when the affects of other initiatives and natural environmental variability are taken into consideration. It is therefore proposed to use wood consumption as a secondary parameter for this indicator.</p> <p>Parameter to measure indicator: Number of workshops organised, content and attendees. Working conditions during the project. This indicator can be followed and measured from the internal documents that will be produced to record in detail the quality of the employment delivered.</p> <p>To compare the quality of employment to the national average see:  <a href="http://hivinsite.ucsf.edu/global?page=cr09-ke-00&amp;post=19&amp;cid=KE#General Economy">http://hivinsite.ucsf.edu/global?page=cr09-ke-00&amp;post=19&amp;cid=KE#General Economy</a></p>

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<p>Livelihood of the poor</p>	<p>[Accessed December, 7th 2010]</p> <p>The reduction in wood required for cooking will result in less expenditure on cooking fuel releasing a portion of household income for other uses. Dependence on an increasingly scarce resource is also reduced. Reduced smoke exposure will benefit the health of women and children, who are most usually present during cooking. The links between improved stoves and indications of improvement on the livelihood of the poor are stated on the following report (see page 4):  <a href="http://www.gtz.de/de/dokumente/gtz2010-en-carbon-markets-for-improved-stoves.pdf">http://www.gtz.de/de/dokumente/gtz2010-en-carbon-markets-for-improved-stoves.pdf</a>          [Accessed December, 7th 2010]</p> <p>The relationship between forest loss and malaria is supported by the following report:  <a href="http://www.unep.org/dewa/africa/KenyaAtlas/PDF/Kenya_Atlas_FI_NAL_PR.pdf">http://www.unep.org/dewa/africa/KenyaAtlas/PDF/Kenya_Atlas_FI_NAL_PR.pdf</a>          [Accessed December, 7th 2010]</p> <p>Wood cost, wood consumption and time spent on fuel collection would be monitored through questionnaires.</p>
<p>Access to affordable and clean energy services</p>	<p>The reduction in wood required will allow lower expenditure on energy. Energy poverty across the country is demonstrated in the energy atlas published by the UNDP (see pages 4 and 5):  <a href="http://mirror.undp.org/kenya/KenyaEnergyAtlasFinal-UN.pdf">http://mirror.undp.org/kenya/KenyaEnergyAtlasFinal-UN.pdf</a>          [Accessed December, 7th 2010]</p> <p>As well as the following report published by the Intermediate Technology Development Group (see page 1):</p>

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	<p><a href="http://ehs.sph.berkeley.edu/HEM/hem/China%20Stoves/Presentations/19_Kenya_Daniel_Theuri/Rural%20Energy,%20stoves%20and%20IAP%20final_report_Eng.pdf">http://ehs.sph.berkeley.edu/HEM/hem/China%20Stoves/Presentations/19_Kenya_Daniel_Theuri/Rural%20Energy,%20stoves%20and%20IAP%20final_report_Eng.pdf</a> [Accessed December, 7th 2010]</p> <p>Wood cost, wood consumption and time spent on fuel collection would be monitored through questionnaires.</p>
Human and institutional capacity	<p><a href="http://www.usaid.gov/our_work/humanitarian_assistance/disaster_assistance/sectors/fil/es/darfur_final_summary.pdf">http://www.usaid.gov/our_work/humanitarian_assistance/disaster_assistance/sectors/fil/es/darfur_final_summary.pdf</a> [Accessed December, 7th 2010]</p> <p>As a result of the stove project new employment opportunities will emerge related to the different phases and scopes of the project. The number of employment opportunities created and their specifications will be recorded for this purpose.</p>
Quantitative employment and income generation	<p>See: <a href="http://hivinsite.ucsf.edu/global?page=cr09-ke-00&amp;post=19&amp;cid=KE#GeneralEconomy">http://hivinsite.ucsf.edu/global?page=cr09-ke-00&amp;post=19&amp;cid=KE#GeneralEconomy</a> [Accessed December, 7th 2010]</p> <p>The direct parameter to measure indicator will be the household income generated from employment created by the project using internal records among the parties involved in the project</p>
Balance of payments and investment	<p>It is not anticipated that the project will have any impact balance of payments and Investment. This is a small scale project at the household level, therefore the indicator scores a neutral value because it is not expected a significant and monitorable value.</p>
Technology transfer and technological self-reliance	<p>The project will bring the wood efficient stove technology to the area. This will be monitored through the number of training workshops organised and surveys on how common place similar</p>

## Gold Standard Local Stakeholder Consultation Report

\_\_\_\_\_ stoves become in the project area.

References can be an academic or non-academic source, such as a university research document, a feasibility study report, EIA, relevant website, etc.

## Gold Standard Local Stakeholder Consultation Report

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### SECTION E. DISCUSSION ON SUSTAINABILITY MONITORING PLAN

[See Toolkit 2.4.3 and 2.6.1]

co2balance has assigned specific individuals within the community the role of information dispersers. They will be responsible for communicating directly with the project beneficiaries to get the feedback from the communities every 3 months using the parameters described along this report (e.g. if they feel that beneficiaries has a better livelihood, health, etc) Also it can be posted an email in the co2balance website to make any inquiries. Discussion at the stakeholder meeting covered all of the topics described above, it was agreed that stakeholders would be able to provide qualitative information regarding the following indicators

- Air quality
- Livelihood of the poor
- Access to affordable and clean energy services.
- 

Stakeholders will also be able to provide quantitative information regarding the following indicators:

- Air quality (using parameters: wood consumption and householder assessment)
- Livelihood of the poor (using parameters: wood cost, wood consumption, time spent for wood collection and householder assessment)
- Access to affordable and clean energy services (using parameters: wood cost, wood consumption, time spent for wood collection and householder assessment)

## Gold Standard Local Stakeholder Consultation Report

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### SECTION F. DESCRIPTION OF THE DESIGN OF THE STAKEHOLDER FEEDBACK ROUND

For the initial feedback right after the consultation and to help improve the LSC report Co2balance assigned specific individuals within the community the role of information dispersers. They were responsible for communicating directly with the individuals and women unable to attend. We provided them with project summaries and the relevant information required. Co2balance called them a week after the stakeholders meeting to gather feedback, and to find out if they were posed any questions that they were unable to respond to, and assist them in answering these questions. The feedback we have received has been entirely positive.

For the proper stakeholder feedback round after this LSC report is approved by the Gold Standard, a copy in the local language Swahili of the LSC report and feedback forms will be made publicly available in hard copy in the post office, the church and in the area chief's office during the feedback round. These will be collected and returned to the project developer at the end of the SFR.

Thus, a physical stakeholder feedback round (SFR) will not be carried out; instead, the option of making the LSCR and other relevant documentation available to the stakeholders will be taken as above. All stakeholders originally invited to the initial LSC (whether they attended or not) will be invited to take part in the SFR. The SFR will commence as soon as the project achieves 'listing' status with the Gold Standard, and will run for 2 months.

In order to carry out a meaningful stakeholder feedback round Co2balance will notify the Gold Standard once all documentation is available, uploaded and ready to be made publicly available. The necessary documentation (LSC report, draft PDD and the passport) will be uploaded onto the Gold Standard registry and made publicly available as well on the co2balance website with feedback mechanisms clearly explained.

## Gold Standard Local Stakeholder Consultation Report

### ANNEX 1. ORIGINAL PARTICIPANTS LIST




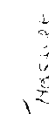


No	Name	Male / Female	Signature	Job role or position in community	Organisation (if relevant)
1	James Mburu	M		Peer Youth Educator	
2	Anthony Awani	M		" "	
3	JORDANE NIOKI	F		" "	
4	PETER MUGAMBO	M		" "	
5	Jasper Kimani	M		Business group	
6	Jasper Kature	F		Journalist	
7	Christine Ruvu	M		Child Welfare	
8					
9					
10					
11					

Meru → Participants List







### Gold Standard Local Stakeholder Consultation Report



No	Name	Male / Female	Signature	Job role or position in community	Organisation (if relevant)
1	HARVEY K. MOKI	MALE		ASST. CHIEF KATHGIRI	-
2	SABENA CUMWETA	FEMALE	Sabena	MEMBER FEARLE	KATHGIRI DEVELOP GROUP
3	J. K. KIRAGU	MALE	J. Kiragu	WATER TECHNICIAN	MIN. OF WATER (MKEPP)
4	MATHIE W. NDICA	MALE		TISS MEMBER	TISS
5	JUSTIN NGAINA	MALE		CHAIRMAN WIRUA	WIRUA TUNGA
6	ALLEN MWARI	FEMALE	Allen	VICE-CHAIRMAN KATHGIRI HELP GROUP	-
7	HARRIET PERKINS	FEMALE		2009 Revival KATHGIRI	Kathgiri
8					
9					
10					
11					

## Gold Standard Local Stakeholder Consultation Report



No	Name	Male / Female	Signature	Job role or position in community	Organisation (if relevant)
1	Bethora kutwira	M		Business of Farmer	MWENDWO SHG
2	JAMES KITHINI	MALE		DRIVER / MECHANIC	THABINA SELF HELP GROUP
3	FREDERICK GITARI	M		FARMER	MUNTALA SHG
4	ALEXIS MURHE	MALE		SNR. VILLAGE EXEC	MURINDWA COMM.
5	JAMES MUGABERU	MALE		Tree planting WATER	KINGO HELFORD
6	JIMBIDI M GITARI	M		resource consultant	TUVWA
7					
8					
9					
10					
11					








## Gold Standard Local Stakeholder Consultation Report



No	Name	Male / Female	Signature	Job role or position in community	Organisation (if relevant)
1	BEDFORD K MUKIJI	M	<i>[Signature]</i>	CHIEF	ALCHIEF MUBURAMA O.D.P.
2	PETER W MUKANARO	M	<i>[Signature]</i>	CHIEF	ALCHIEF KURUGU O.D.P.
3	STANLEY N. NITSA	M	<i>[Signature]</i>	CHIEF	KIRIKONDO LOCATION
4	JORAMON MICHU NYAWIRA K JEREMIAH	M	<i>[Signature]</i>	CHARITABLE (KENTAP) MEMBER I.R.G.C. IRUMBA	LITAKONDO LE IRUMBA VILLAGE
5	Joyce Kaani	F	<i>[Signature]</i>	K. Baiderville	Rukwanda Village
6	FESTUS MUKESA	M	<i>[Signature]</i>	K. Ruvuwa Gc	Rukwanda Village
7	Charles Mubasa	M	<i>[Signature]</i>	WIRWA	KIK. Village
8	MURIZI MUKATIKA	M	<i>[Signature]</i>	ZOOZ BUNYUP	Kathigirini
10					
11					






### Gold Standard Local Stakeholder Consultation Report



No	Name	Male / Female	Signature	Job role or position in community	Organisation (if relevant)
1	BRUCE MUKURU	M		PRODUCER ENERGY SAVING STOVES	IMPROVED STOVE ASSOCIATION OF KENYA (ISAK)
2	PETER MAKOMBA	M		VIC IMPROVED STOVES ASS KENYA	ISAK - Working within this community
3	NANINGI ENYANGI	M		NAIONAL SECRETARY	IMPROVED STOVES ASSOCIATION OF KENYA
4	CHRISTINE AZIRO	F		COMMUNITY LEADER	TO MAKE AWARE OF THE COMMUNITY
5	RACHEL NGALIAS	F		Builder Rocket stove	Improved stove
6	MAULY NGURU	F		Cluster Manager PSDA STOVES	GTZ-PSDA Training locals on Rocket stove construction
7	WAMATHI SIMON	M		District Home Economics Officer	Min. of Agriculture & Cooperatives Office
8					
9					
10					
11					


## Gold Standard Local Stakeholder Consultation Report



No	Name	Male / Female	Signature	Job role or position in community	Organisation (if relevant)
1	ANITA KARIMI	F.		YOUTH REP.	WRUA
2	JENNIFER <del>GENE</del>	F			
3	LUCY MINTIEN	F			
4	FREDRICK G. KERA	MALE		ASSI-CHIEF	
5	GERVASIO MATERE NUKU	M.		Asst. Chief	
6	CATHARINE KASEGA	F			
7	JOYD KINYUA KAKAGWA	M		ASSI-CHIEF	
8	DAVID KIRAITHE MAGEAMBE	M		OPINION LEADER	WRUA
9					
10					
11					

## Gold Standard Local Stakeholder Consultation Report



No	Name	Male / Female	Signature	Job role or position in community	Organisation (if relevant)
1	Pst. Peter Muthira	MALE		Pastor	Redeemer of Gospel Church.
2	JANE SEBASTIAN	FEMALE	Jane	CHAIRMAN	MUMIYACA S.H. GROUP
3	ANNE K. SALES	FEMALE	ANNE	Chair person	St. James Prayer house
4	JUDITH KINJUA	FEMALE	J. Koen	Chair person	Pasoda S.H. Group
5	Edwin Mwangi	Male	Edwin	---	Energy saving stores producer
6	N Kura Kinuthia	male	N Kura	Chair person	Nursery trees producer
7	GEORGE NJUJI	MALE	George	Project MANAGER	ME Kenya - Margaret constituency Forum - NAIROBI
8					
9					
10					
11					

### Gold Standard Local Stakeholder Consultation Report



No	Name	Male / Female	Signature	Job role or position in community	Organisation (if relevant)
1	<del>STANLEY</del>	<del>M</del>	<del>[Signature]</del>	<del>[Role]</del>	<del>[Org]</del>
2	J. Wangga	F	[Signature]	-	-
3	Jack Waching	M	[Signature]	Director	Thy. K.N.V. Forum BPPK/gongjo & gaharu.com
4	BERNARD KAKARAWA	M	[Signature]	CHIEF	
5	CLL. NELSON KARAGITA	M	[Signature]	CHAIRMAN-COUNTY COUNCIL OF NERUSOUTH	
6	CASY NUKATE	F	[Signature]	-	-
7	NEDECH KATIMBE	F	[Signature]	SECRETARY KAMPUNG SPALING	
8	JORDITHACZARABA	F	[Signature]	MUCUR MEN GROUP.	
9	SAMUEL MURUPA	M	[Signature]	-	WLUKA
10	MARVIN	M	[Signature]	V.C.T.C	
11					

## Gold Standard Local Stakeholder Consultation Report

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## Gold Standard Local Stakeholder Consultation Report

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### ANNEX 2.

### ORIGINAL EVALUATION FORMS



#### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

Educating

2) What do you like about the project?

Saving firewood costs

3) What do you not like about the project?

Time very small

Kindly leave your Name

Makura Kiraithe

Signature, Makura -

## Gold Standard Local Stakeholder Consultation Report

(2)



### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

It has created an impression of educating the Communities about the environment.

2) What do you like about the project?

- It protects the environment through prevention of mass tree felling - and environment is everything.
- The projects will help Communities to save money on ~~for~~ wood fuel and use the money in other deserving areas.

3) What do you not like about the project?

The time was very limited and I didn't like the fact that institutions like schools, orphanages have been left for now.

Kindly leave your Name  
Edwin Njoroge

Signature: 

## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

to share & or learn a new thing  
to improve the economy in the community

2) What do you like about the project?

'would like the project to attain its goals, goals so that  
people can save the energy'

3) What do you not like about the project?

- what I don't like is that the project should not  
fail, to stand prosper.

Kindly leave your Name

Jasper Kinahira mbaka

Signature:

Jasper

3

## Gold Standard Local Stakeholder Consultation Report

12/11

5



### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

my infomision is to say thank you for your good work, I am going know teaching my Group and others

2) What do you like about the project?

To make work easy and keep time

3) What do you not like about the project?

every thing about project is good.

Kindly leave your Name

JUDITH KARARI

Signature:

J. Karari

## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

I'm Impressed by knowing that CO<sub>2</sub> balance gives time to the people of the Community around. I'm also Impressed that this project gives Communities better health.

2) What do you like about the project?

I would like the project to be enlarged to the Community  
It will also uplift the standard of the Community  
It will also give less time in preparing meals.

3) What do you not like about the project?

The project is up to date.

Kindly leave your Name

FREDRICK GIZAZI

0711220745

Signature:



## Gold Standard Local Stakeholder Consultation Report

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CO2

### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

- (i) To learn and know about CO<sub>2</sub> balance
- (ii) To learn and change the way of life CO<sub>2</sub> balance.

2) What do you like about the project?

- (i) To improve our environment for better Standard life.
- (ii) To protect our forests.

3) What do you not like about the project?

Kindly leave your Name

JAMES KITHINJI, ROBERT

Signature:

*James*

## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

- to know about CO2 balance dealing with

2) What do you like about the project?

- conserving the environment
- Treating the environment
- conserving time
- minimizing problem

3) What do you not like about the project?

- am thankful and ~~and~~ I like everything about CO2 balance

Kindly leave your Name

Belford Kanute

Signature



## Gold Standard Local Stakeholder Consultation Report

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CO2

### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

The meeting might be time wasting and nothing is implemented. Convinced that this project will succeed because the contributions normally demanded is not there but a free undertaking

2) What do you like about the project?

The project will help the community save the environment by allowing the trees grow, save time normally spent collecting firewood; the health and cleanliness of our kitchen.

3) What do you not like about the project?

NOTHING

Kindly leave your Name

Signature:



## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

The impression was about <sup>the</sup> introduction of the  
CO<sub>2</sub> Balance.

2) What do you like about the project?

The project is good because it will save  
time and also fire wood and have enough  
time for other income ~~generating~~ generating  
at activities.

3) What do you not like about the project?

Kindly leave your Name  
MERCY KATIIMBI

Signature,

Mercy

## Gold Standard Local Stakeholder Consultation Report

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CONFIDENTIAL

### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

The usefulness of the info, due to not using alot of firewoods during cooking and also saving forests &

2) What do you like about the project?

The project will be very much useful to our local people.

3) What do you not like about the project?

The project will help and save the country for environment.

Harriet Ciapitari Mutepi  
Kindly leave your Name Signature.

## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

The meeting was so good.  
because help our villagers to  
save the forest

2) What do you like about the project?

I like the project because  
it will help me to save fire  
wood

3) What do you not like about the project?

I like project it  
will help me.

Kindly leave your Name

DORO HYC ZAKARIA

Signature

Dokaria

## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

The meeting was well organised and I have so much enjoyed it.

2) What do you like about the project?

- The project have a good idea of saving fire wood
- for good health
- To accompany them in educating the community.

3) What do you not like about the project?

nothing to quote for.

Kindly leave your Name Aileen Mwan Signature Aileen

## Gold Standard Local Stakeholder Consultation Report

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CO2

### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

To learn about  
CO<sub>2</sub> balance,

2) What do you like about the project?

It will help  
the community

3) What do you not like about the project?

~~to come and  
to help them~~

Kindly leave your Name Mumtaz, Signature Mumtaz

## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

- > Introduction of new method CO<sub>2</sub> balance cooking method.
- > Education on: awareness of CO<sub>2</sub> balance cooking method.
- > ~~the~~ allowances.

2) What do you like about the project?

- It safe times
- It is economically.
- It is donated freely.
- It will help to reduce global warming.

3) What do you not like about the project?

\_\_\_\_\_

Kindly leave your Name

SAMUEL MUTWIKI

Signature.

## Gold Standard Local Stakeholder Consultation Report

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COPIES

FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?


Well organised and is beneficial to the community.

2) What do you like about the project?

It will assist in conservation of forests


3) What do you not like about the project?

They are not taking the institutions in consideration and they are the ones who use more firewood.

Kindly leave your Name \_\_\_\_\_ Signature: 

## Gold Standard Local Stakeholder Consultation Report

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FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?  
Mikutano ulikuwa una maendeleo.

2) What do you like about the project?  
Kwanza, ya kusaidia

3) What do you not like about the project?  
Himafidai kwa ni project  
kamilu.

Kindly leave your Name \_\_\_\_\_ Signature: Abdigeo

## Gold Standard Local Stakeholder Consultation Report

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COMPLETE

### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

It was very participative and  
informative.  
The drama was OK!

2) What do you like about the project?

It is both health and environmental  
friendly.

3) What do you not like about the project?

Issues of project ownership and  
sustainability need to be addressed.

Kindly leave your Name

Signature



## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

was wanting to give something  
from of teachers

2) What do you like about the project?

Because it is helping us and saving us  
and protect us from ~~costing~~  
~~costing~~ and many things

3) What do you not like about the project?

if the project will not help us  
and protect us

Kindly leave your Name


easty

Signature

A handwritten signature in black ink.

## Gold Standard Local Stakeholder Consultation Report

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FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

*fair, good*

2) What do you like about the project?

*The project will enhance the community access more savings from energy expenditure*

3) What do you not like about the project?

*nothing*

Kindly leave your Name: *Peter Mwendu Nkanabo* Signature: *[Signature]*  
*Alchred Kerenge sub/Loc.*

## Gold Standard Local Stakeholder Consultation Report

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CO2

FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

The Meeting was a good move to sensitize Stakeholders who will enlighten the rest of the community

2) What do you like about the project?

Its going to have a lot of advantages to the community.

3) What do you not like about the project?

\_\_\_\_\_

Kindly leave your Name \_\_\_\_\_ Signature \_\_\_\_\_

## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

2) What do you like about the project?

3) What do you not like about the project?

*the approach*

Kindly leave your Name

Signature

## Gold Standard Local Stakeholder Consultation Report

(23)



### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

The meeting was quite good

2) What do you like about the project?

It will save people time and money

3) What do you not like about the project?

It will hurt family  
conserve our trees  
and reduce cutting of  
trees

Kindly leave your Name:

Signature:

## Gold Standard Local Stakeholder Consultation Report

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CO2

FEEDBACK FORM


Please take a moment to answer the following questions:

1) What was your impression of the meeting?  
This jito is good to save  
us from using so many wood  
It saves trees. It also save animals  
and insects and birds

2) What do you like about the project?  
I want this project to be supplied to the  
villages.

3) What do you not like about the project?

Albert Macchoko  
Kindly leave your Name

  
Signature.

## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

That it was an awareness raising meeting.

2) What do you like about the project?

- That the stoves will save our forests in a big way.

3) What do you not like about the project?

That the jikos are provided for free without any Community Contribution. This will create an attitude of dependency and it will be very hard to convince Community to contribute to other donor projects.

GEORGE WOKAR  
Kindly leave your Name

?

  
Signature.

## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

- (1) Time Shaver
- (2) Free from diseases
- (3) ~~Free~~ minimise of free planting

2) What do you like about the project?

Very Good.

3) What do you not like about the project?

N/A.

Kindly leave your Name

Signature

CITARI JADHOT

  
MBOUKI



## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

(1) money saved.  
(2)

2) What do you like about the project?

v. Good.

3) What do you not like about the project?

N/A

Kindly leave your name

Signature

James

James Murray

## Gold Standard Local Stakeholder Consultation Report



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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

My intention of the meeting was to learn and teach my group

2) What do you like about the project?

To build the improved stoves to me and my ladies (group)

3) What do you not like about the project?

It was okay.

Kindly leave your Name

ANN KAGENDOMATI

Signature



## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

Coming to know more information about the Project so that I may teach my group

2) What do you like about the project?

Its good. To improve the living standards of the community.

3) What do you not like about the project?

Every thing is okay

Kindly leave your Name

JANE-K. SABASTIAN  
0710898242

Signature

Starini

## Gold Standard Local Stakeholder Consultation Report

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### FEEDBACK FORM

Please take a moment to answer the following questions:

1) What was your impression of the meeting?

*It is a good initiative to improve the living standards of the community*

*It was good to call people to hear if people are receptive or not, but the results are positive.*

2) What do you like about the project?

*It is a good initiative to improve the living standards of the community.*

3) What do you not like about the project?

*Initially nothing.*

Kindly leave your Name

*Pst. Peter Mutethia*

Signature:

*Pst. Peter Mutethia*

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