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SECTION A. PROJECT DESCRIPTION

A. 1. Project eligibility under the Gold Standard

The project will introduce approximately 20,000 energy efficient cook stoves into the Kisumu area, reducing fuel use and associated greenhouse gas emissions by end users along with contributing to other local sustainable development like health as it also serves to alleviate illness 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 75,000 tonnes CO₂e/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 (CO₂), methane (CH₄) and nitrous oxide (N₂O). 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.

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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.

Please note that if a project is already under construction, the project must apply for retroactive registration and a pre-feasibility assessment must be conducted.

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.

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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

Kisumu is a port city in western Kenya, with a population of 355,024 (1999 census). It is the third largest city in Kenya. It is in fact one of the poorest areas in Kenya characterized by high incidences of maternal and infant mortality, with most of its people suffering from unemployment, poor health and poverty. The lifestyles of the locals within this community often impact negatively on the environment. There is large scale charcoal burning and deforestation often due to firewood collection by forest adjacent communities who are forest dependant.

co2balance will be attempting to address some of these issues by distributing energy efficient stoves in West Kisumu. 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% more 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, this project will contribute towards important sustainable development benefits including:

- Reduced deforestation and degradation of surrounding forests, as less wood will be needed to cook;
- Enhanced energy security by cutting down on the amount of firewood used in cooking
- Reduced poverty, as the efficient wood stove reduces annual expenditure on cooking fuels;
- Reduced adverse health effects associated with indoor air pollution (particulate matter inhalation from the smoke due to the purpose-built stove design).
- Reduced cooking and wood collection time which could be used for other economically viable projects to benefit the household
- Increased environmental awareness and community integration.

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iii. Invitation tracking table.

Category code	Organisation (if relevant)	Name of invitee	Way of invitation	Date of invitation	Confirmation received? Y/N
B	Chief - Otwenya	Maurice Nyawina	Hand	05/11/2010	YES
B	Assistant Chief - Otwenya	David Ochieng	Hand	05/11/2010	YES
B	Chief-West Kisumu	Mary Odhiambo	Hand	05/11/2010	YES
B	Assistant Chief - West Kisumu	Charles Ongoro	Hand	05/11/2010	YES
B	Assistant Chief - West Kisumu	Benta Opata	Hand	05/11/2010	YES
B	Chief - E.Seme	Samuel Obwago	Hand	05/11/2010	YES
B	Assistant Chief - E.Seme	Peter Gumba	Hand	05/11/2010	YES
B	Chief - NW Kisumu	Samason Omino	Hand	05/11/2010	YES
B	Assistant Chief - NW Kisumu	Martine Oindo	Hand	05/11/2010	YES
B	Chief - NE Seme	Jared O Olendo	Hand	05/11/2010	NO
B	Assistant Chief - NE Seme	Olum Olum	Hand	05/11/2010	YES
B	Chief - W Seme	George Aola	Hand	05/11/2010	YES
B	District Chairman-Kisumu West	Kitiyo Gilbert	Hand	05/11/2010	YES
B	Gender, social and Development Officer - Kisumu West	Paw Akuche	Hand	05/11/2010	YES
B	Chief - SC Sembe	Christabel Ombok	Hand	05/11/2010	YES
B	Assistant Chief-SC Seme	Evans Oywa	Hand	05/11/2010	YES
B	Assistant chief - SC Seme	Richard Ondongo	Hand	05/11/2010	YES
B	Assistant chief - SC Seme	Maurice Omosh	Hand	05/11/2010	YES
B	Assistant Chief - SC Seme	Maricus Odemba	Hand	05/11/2010	NO
D	Member - Women's Microfinance Group	Aisha Hamisi	Hand	05/11/2010	YES
A	Youth	Meba Salim	Hand	05/11/2010	YES
A	Stakeholder	Halim Masoud	Hand	05/11/2010	YES

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A	Youth	Said Abdullah	Hand	05/11/2010	YES
A	Stakeholder	Hamisi Mwazi	Hand	05/11/2010	YES
A	Stakeholder	Rajab Bakari	Hand	05/11/2010	YES
A	Stakeholder	Athman Juma	Hand	05/11/2010	NO
D	Member - Women's Microfinance Group	Zuena Issa	Hand	05/11/2010	YES
D	Member - Women's Microfinance Group	Mwawasha Ali	Hand	05/11/2010	YES
A	Stakeholder	Bakari Mzari	Hand	05/11/2010	YES
	Elder	Abdallah Mnyenze	Hand	05/11/2010	YES
D	CBO	Maseno Karateng	Phone	06/11/2010	YES
D	Kisumu Leadership and Development Initiative	Attn: Director	Phone	06/11/2010	YES
D	North Rata Water and Sanitation	Attn: Director	Phone	06/11/2010	YES
D	Pamoja CBO	Attn: Director	Phone	06/11/2010	YES
D	SACODEP	Attn: Director	Phone	06/11/2010	YES
D	KAKO CBO	Attn: Director	Phone	06/11/2010	NO
	Seme Youth Network for Development alternative	Attn: Director	Phone	06/11/2010	YES
D	South Ratta Community Dev	Attn: Director	Phone	06/11/2010	YES
D	Kolenyo Brick Dealers Youth Group	Attn: Director	Phone	06/11/2010	YES
D	Focus Development Youth Group	Attn: Director	Phone	06/11/2010	YES
D	East Seme Rocket Stove Builders Youth Group	Attn: Director	Phone	06/11/2010	YES
D	Kokatch Youth Group	Attn: Director	Phone	06/11/2010	YES
D	Rochong'wen	Attn: Director	Phone	06/11/2010	YES

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	Youth Group				
D	East Seme GSD Community	Attn: Director	Phone	06/11/2010	YES
D	Maseno Rocket Stove Builders	Attn: Director	Phone	06/11/2010	YES
D	Kopudo Womens Group	Attn: Director	Phone	06/11/2010	YES
D	Ratta Womens Group	Attn: Director	Phone	06/11/2010	YES
D	Temane Womens Group	Attn: Director	Phone	06/11/2010	YES
D	Rodi Sunshine Womens Group	Attn: Director	Phone	06/11/2010	YES
D	Wich Tiyo Womens Group	Attn: Director	Phone	06/11/2010	YES
D	Gedo Womens Group	Attn: Director	Phone	06/11/2010	YES
D	Dero Kieyeng	Attn: Director	Phone	06/11/2010	YES
D	Fumbela	Attn: Director	Phone	06/11/2010	YES
F	WWF	Kimunya Mugo Communication s Manager KMugo@wwfear po.org	EMAIL	01/11/2010	NO
F	HELIO INTERNATIONAL	Laura E. Williamson Projects Director laura.williamson @helio- international.org	EMAIL	01/11/2010	NO
F	GREEN PEACE	Rianne Teule Senior Climate Campaigner riane.teule@gr eenpeace.org	EMAIL	01/11/2010	YES
F	MERCY CORPS	Dorothy McIntosh Climate Change: Policy and Coordination dmcintosh@uk.mercycorps.org	EMAIL	01/11/2010	YES
F	REEEP	Amanda Luxande	EMAIL	01/11/2010	NO

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		Regional Manager Southern Africa amanda.luxande @reep.org			
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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, voluble and easy to access.

Kisumu is an area with a history of inter tribal / inter ethnic tension, and we needed to consider this when inviting stakeholders. We had to ensure that both Luo and Kikuyu tribes and organisations were equally represented.

Some of the representatives included:

- i. Local Self Help Groups
- ii. Local Ngos
- iii. Local Farmers Groups
- iv. District Authorities
- v. Area Chief and Assistant Chief from all surrounding locations and sublocations
- vi. Village Elders
- vii. Local Stakeholders
- viii. National NGO representatives

Our invitation methods included email, telephone and hand delivery. As many families would not have access to the local newspaper, we used women groups and church groups to visit households in the area and personally invite these homesteads.

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iv. Text of individual invitations



To

Re: Fire Wood Efficient Stove Project Stakeholder Meetings

*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 CO₂ (carbon dioxide) emissions with funds raised from overseas carbon offset investors.*

co2balance will invest funds in energy efficiency technologies to reduce the amount CO₂ released from everyday cooking. The benefits of the project will include reduced CO₂ 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.

Date: 1st Dec 2010

Venue: Chief's Camp – Kombewa – S. C. Seme Location

Time: 11.00am – 12.00pm

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 1st of December.

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

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v. Text of public invitations

DAILY NATION
Monday November 15, 2010

co2balance.co.ke

STAKEHOLDER MEETING
Fuel Efficient cook Stove Project: Kisumu 2
GOLD STANDARD

Date: 1st December 2010

Time: 10:00 AM

Venue: Kambewa Chief's Camp

Established more than 5 years ago, award winning co2balance can help you minimize your Carbon Dioxide (CO₂) 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 CO₂ 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 Kisumu. Co2balance believes the benefits of the project will include reduced CO₂ 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



This project will involve the distribution of 20,000 energy efficient stoves within the West Kisumu district. Most families in the area use the traditional 3-stone cooking stove that produces a big fire and consumes large amounts of firewood. This means that a lot of time is spent collecting firewood that would be used otherwise for other developmental activities. The three stone fire also produces a lot of smoke which causes respiratory disease, particularly in women/girls who use it for cooking, but also in young children of both sexes and other people (e.g. the elderly) who spend a lot of time indoors. The use of this inefficient cooking method also has unintentional negative impacts on the environment surrounding local people.

The project will be attempting to address these issues by distributing energy efficient stoves to households that in the absence of this project would cook primarily using traditional inefficient firewood stoves. The Stove to be constructed is the Carbon Zero Stoves, that save over 67% firewood as compared to the three stone stove. 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. 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.

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, which will revert to more time to attend other household tasks and/or less time kids will be unattended.
- 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

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



Mradi huu utahusisha usambazaji wa majiko ya nishati 20,000 ufanisi ndani ya wilaya ya West Kisumu. Zaidi familia katika eneo matumizi ya jadi 3-mawe kupikia majiko ambayo hutoa moto kubwa na hutumia kiasi kikubwa cha kuni. Hii ina maana kwamba mengi ya muda ni kukusanya kuni alitumia kwamba itakuwa kutumika vinginevyo kwa ajili ya shughuli nyingine za maendeleo. Tatu jiwe moto pia hutoa moshi mwingi sana ambayo husababisha magonjwa ya kupumua, hasa kwa wanawake / wasichana ambao matumizi yake kwa ajili ya kupikia, bali pia kwa watoto wadogo wa jinsia zote mbili na watu wengine (mfano wazee) ambao kutumia muda mwingi ndani ya nyumba wakati. Matumizi ya njia hii ya kupikia ufanisi pia ina athari unintentional hasi kwa mazingira yanayozunguka watu.

Mradi itakuwa kujaribu kushughulikia masuala haya kwa kusambaza nishati majiko ufanisi kwa kaya kuwa kutokana na kukosekana kwa mradi huu ingekuwa kupika hasa kwa kutumia majiko ya kuni jadi ufanisi. Ya Jiko kuwa ujenzi ni Carbon Zero Majiko, ili kuokoa zaidi ya 67% kuni kama ikilinganishwa na jiko la mawe matatu. Ya majiko kuwa yalijengwa, kusambazwa na imewekwa na watu wa ndani chini ya uongozi wa co2balance Kenya Ltd haya majiko ya mapenzi kutumia teknolojia ya roketi ufanisi. Haya majiko itakuwa kutumia kuni kidogo na kutotoa moshi chini ya moshi, ambayo yatasaidia kupunguza gharama za matumizi ya kuni kila siku na kupunguza ugonjwa unaosababishwa na kuvuta moshi.

Usambazaji wa majiko ya ufanisi matokeo katika kupunguza uzalishaji wa kuhusishwa na kupunguza uzalishaji na mwako wa kuni zinazotokana na vyanzo endelevu. Pamoja na kupunguza uzalishaji wa gesi chafu, hivyo kuchangia katika kukabiliana na mabadiliko ya tabia nchi, mradi huu kuchangia faida za mitaa ambayo kuimarisha ubora wa hewa katika eneo hilo kutokana na kupunguza uchafuzi 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.

B. 2. Description of other consultation methods used

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. 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 stakeholder meeting clashed with a local Aids Day festival, and although we feel the participants in attendance were well representative of all sectors of the community, we have considered the possibility that some stakeholders / beneficiaries might have attended the Aids Day festival and not had the chance to attend the co2balance stakeholder meeting. For this reason, we will be distributing the Meeting Minutes to all the women's groups, and Local Chiefs offices in the area.

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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: 1 st December, 2010, 10:00am					
Location: West Kisumu					
Category Code	Name of participant, job/ position in the community	Male/ Female	Signature	Organisation (if relevant)	Contact details
A	Tobias O Ogwel / Assistant Chief	M	See Appendix 1	Prov Adm	0724714474
A	Sylvanoso Dluoch	M	See Appendix 1	West katieno CBO	Box 124 - KOMB
A	Benard Oliogh	M	See Appendix 1	Upper Kombewa CBO	0721555275
A	Maricus O Odemba / Assistant Chief	M	See Appendix 1	Lower Kombwea	0714458899
A	Leo Oliec h Osio / Clan Leader	M	See Appendix 1	V. Kombewa	0701226741
A	Richard Odula / Youth Leader	M	See Appendix 1	Uplow	0712718078
A	Josephine Atieno	F	See Appendix 1	Uplow	0725761337
A	Linda Owino / Farmer	F	See Appendix 1	Uplow	0726291812
A	Ruth Akinyi	F	See Appendix 1	Uplow	0726238147
A	Olum Olum / Assistant Chief	M	See Appendix 1	Prov Admin	0736448841
A	Mary olande	F	See Appendix 1	S.C. Seme (Kombewa)	0733844945
A	Argwings Suja	M	See Appendix 1	East Katiend	0738583863
A	John W Omollo / Assistant Chief	M	See Appendix 1	N. Kowe	0725425812
A	Geogrey Omondi	M	See Appendix 1	-	-
A	Risper A Oduor / Treasurer	F	See Appendix 1	Rodi Sunshine	0729756663

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A	Milka Otieno	F	See Appendix 1	Green Hill WG	0725663806
A	Ruth Okaka	F	See Appendix 1	E Kolunse CBO	0725158039
A	Benter Ajwancy / Farmer	F	See Appendix 1		0726681199
A	Dkomn Maurine	F	See Appendix 1	E Kolunje CBO	0717105143
A	Peier Obunga / Farmer	M	See Appendix 1	M.RISBG	0712534201
A	Mary A Nyanure	F	See Appendix 1	M.RISBG	0710538049
A	Collins Onyango / Chairman	M	See Appendix 1	F. Youth Group	0729578409
A	Beatrice Dkinyi	F	See Appendix 1	F. Youth Group	0728302461
A	Henry Ogecha / Assistant Cief	M	See Appendix 1		0728625292
A	Dickson Muga / Watsa Chairman	M	See Appendix 1	Mratta Watsan	0726792840
A	Julita Oncyany / Farmer	F	See Appendix 1	-	-
A	Rosebella Adhiambo / Farmer	F	See Appendix 1	-	0721261866
A	Brian Marachy O / Field Officer	M	See Appendix 1	Community Concerns	0721732121
A	Celestine Ochieng	F	See Appendix 1	Community Facilitator	072569782
A	Dorcas Owgonga	F	See Appendix 1	Community Facilitator	0727762383
A	James O Awiti / Assisstant Cief	M	See Appendix 1	Prov ABM	0701839172
A	Florence O Ayatta	F	See Appendix 1	Hyamgun Catchment	0715640305
A	Edward Odhiambo	M	See Appendix 1	Youth leader	0729479450
A	Pehina Odongo / Women Leader	F	See Appendix 1	Women Group	0729825559
A	Edwina A Agawo	F	See Appendix 1	Women Group	0726021385
A	George OOner Ondjo	M	See Appendix 1	Rocket Stove builder	0717951198
A	Antony Okeno Nyaure / Farmer	M	See Appendix 1	M.R.S.B.G	0711722107
A	Elizabeth Onyango /	F	See Appendix 1	Women Group	-

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	Chairperson				
A	Jane Awdur	F	See Appendix 1	Women Group	0711129277
A	Christareh Ombok / Chief SCS	F	See Appendix 1	-	0735619996
A	Richard Odongo / Assistant Chief	M	See Appendix 1	-	0734513040
A	Evans Oywa / M Chief	M	See Appendix 1	-	0723746302
A	Daniel Odhiahjbo / Social Worker	M	See Appendix 1	Rocket Stove Builder	0726164151
A	Samson O Omino / Chief N.W KSM	M	See Appendix 1	Prov Admin	0722119017

The gender split was 52% male and 48% female

ii. Evaluation forms

Name	Richard Odongo
What is your impression of the meeting?	A New Initiative in our community which is good
What do you like about the project?	Environmental Sustainability and poverty reduction
What do you not like about the project?	The stove is not portable
Signature	See Appendix 2

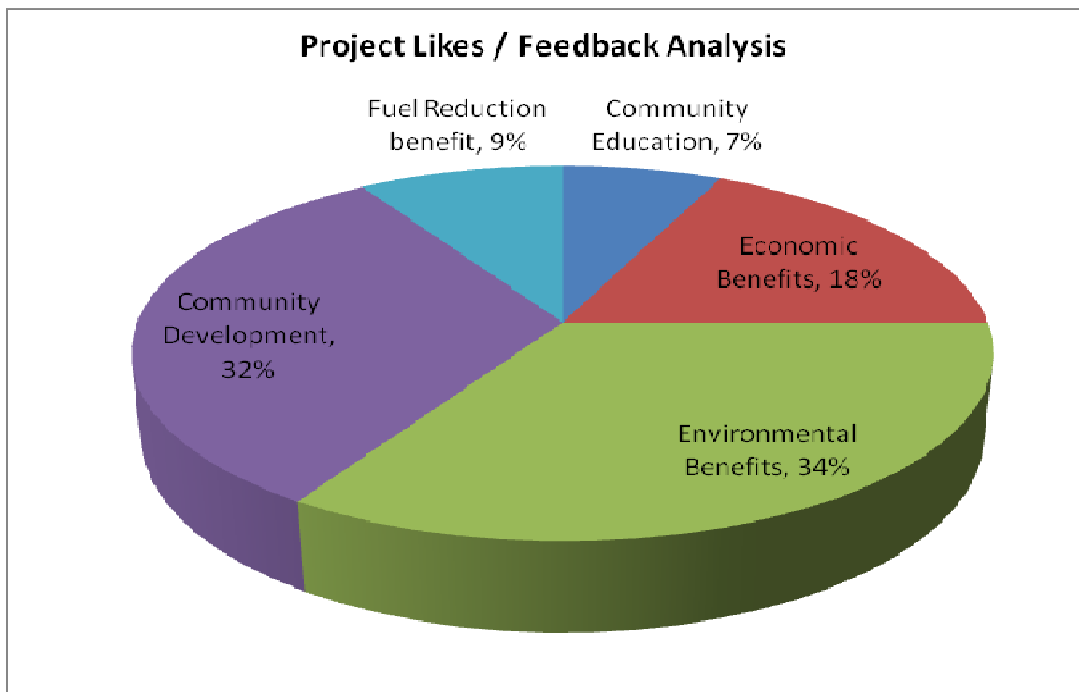
Name	Samson O Omino
What is your impression of the meeting?	An Important Initiative
What do you like about the project?	Poverty Reduction and Environmental Sustainability
What do you not like about the project?	None
Signature	See Appendix 2

Name	Peter Obunga
What is your impression of the meeting?	It was meant to create awareness and importance of conserving environment which is vital
What do you like about the project?	The effort it makes to improve our environment.
What do you not like about the project?	Not much
Signature	See appendix 2

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Name	Collins Onyango
What is your impression of the meeting?	Very educative
What do you like about the project?	The stove will help us
What do you not like about the project?	Nothing
Signature	See Appendix 2

Comments accompanying Annex 2



The Feedback received from the feedback forms and comments made during the consultation indicate that the participants understood the project, and were eager for us to begin project implementation.

Many stakeholders highlighted the benefits of the project. Some of these were

Environmental Benefits:

Dorcas Ongong'a: "A new development project and environmental sustainability."

Richard Odongo: "Environmental sustainability and Poverty Reduction."

James Awiti: "The project is good and can bring a lot of changes in the environment"

Community Development Benefit:

Daniel Odhiambo: "Will bring a lot of development in the community."

Edwina Agawo: "A project that will benefit the communities and enhance lifestyles"

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Economic Benefits:

Henry Ogecha: "Its good and economical."

Ooko Beatrice: "The project will help the community in the increase of economic living."

Community Education:

Dickson Muga Onyango: "The meeting taught us new technology"

Collins Onyango: "Very educative"

Fuel reduction Benefit:

Rosebella Adhiambo: "Saving of firewood and reduction of co2 levels in the atmosphere."

Julita Ongany' : "It will reduce fuel problems."

There were also some negative comments regarding the mobility of the stove. Many of the participants felt that the stove should be portable. We explained that the stoves need to be fixed to ensure proper monitoring and verification in the future. Portable stoves would reduce the efficiency of this project.

C. 2. Pictures from physical meeting(s)



Above - Our Community Engagement Officers record feedback at the Stakeholder meeting.

Below – A group of attendees at the stakeholder meeting



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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.

Kisumu 2 – Local Stakeholder Consultation

Note: The meeting was conducted in the local language – Luo

Date: 1st Dec 2010

Venue: Chief's Camp – Kombewa – S. C. Seme Location

Time: 11.00am – 12.00pm

Present:

Solace Amboga – Project Officer – co2balance East Africa

Pastor Tobias Ogwaro – Deliverance Church Kisumu

Christabel Okoth – Chief S. C. Seme Location

Item 1: Welcome and Opening 11.04am

- Opening remark by Chief Christabel Okoth
- Welcome by Solace Amboga
- Opening prayer by Pastor Tobias
- Registration of participants

Item 2: Introductions 11:10am

- Introduction of speakers and organizations
- Each speaker explained their expectations of the meeting with an objective to ensure active interaction. This allowed for voicing of concerns, objections, suggestions, comments and ideas to enhance project success
- Agenda presentation by Solace Amboga

Item 3: Project Description 11.20am

- The audience was provided with a detailed introduction to co2balance; Aims and Objectives by Solace
- A full project description was provided by Solace
- An elaboration on the environmental consequences of the traditional/current cooking methods and how this project would go about addressing and alleviating the problems
- Solace explained the Carbon Zero Rocket construction process, its details and the differences between the Carbon Zero Rocket stove and the 3 stone stove
- Solace expanded the Non- Technical summary

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- Solace explained the Sustainable Monitoring process, explaining monitoring roles in the project implementation, impact assessment and determination of way forward. She explained the importance of the community's role during the sustainability monitoring and evaluation process. She explained to the community about their role in making the project a success by encouraging the community to be actively involved and own the initiative.

Item 4: Questions for Clarification about the Project 11:50am

- Solace 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 Residents) There are very many Locations in this area, will the other areas benefit from this project?

Answer 1:

(Project Officer) Solace explained that the project had used Administrative boundaries within Kisumu West District and only 2 Locations were set outside the project area. However, all the listed Locations were to benefit from the project

Question 2:

(Local Residents) You have mentioned that the project will be responsible for all the materials, how will those who live far away from this Chief's Location get their materials given the transport problems in this area?

Answer 2

(Project Officer) Solace explained that the company had local contractors who would be responsible for ferrying the materials to the sites closest to the area they would work which would make work easier for the community to access the materials then, for their stove constructions

Question 3:

(Local Residents) Given that we have difference family/household sizes, will we get bigger rocket stoves for bigger households? Are there different sizes?

Answer 3

(Project Officer) Solace explained that the project implemented was for the stove that was exhibited and described to the participants. She further expressed the benefit that to the participants that despite a smaller cooking stove, it was faster and more efficient and therefore would still effectively support bigger households

Question 4:

(Local Residents) What is the difference between the GTZ Rocket Stove and the Carbon Zero Rocket Stove that have both been introduced to this community?

Answer 4

(Project Officer) Solace requested the community member to exhibit pictures of the GTZ Rocket Stove he had brought and explained the difference in construction of the CZK Rocket Stove which included: Fired bricks, Ceramic Liner, Metal Pot Plate. She also explained that the main objective of co2balance was reduce the emission of harmful Carbon Dioxide gases which had various negative impacts on human, animal and

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environment. The CZK Rocket stove is also for free while others constructed earlier, were paid for by the community.

Comment:

(Local Resident) This stove project is very good and will allow our community to develop. We have lost a lot of forest cover due to our cooking practices and rise in population. We have no where to collect firewood these days and cannot afford the wood sold to us by those who bring them from the peripheries. This project will help us a lot

Response:

(Project Officers) Solace expressed that this showed that the community understood the impact of climate change with regard to negative environmental practices and this showed that the community were committed. She discussed the CZK Rocket stove benefits earlier mentioned including the ongoing projects in different areas in the country amongst other countries.

Question 5:

(Local Residents) What must we do to get the rocket stove?

Answer 5

(Project Officer) Solace explained that the stove was provided for free to the community and that each household that used primarily the 3 stone stove to cook was eligible to receive the stove, so long as it was within the project boundaries. Participants, in due time, will be required to register their names and that these logistics would be discussed later with community leaders and extensive education and awareness creation provided to the community with regard to the distribution of the CZK rocket stoves.

Question 6:

(Local Residents) Is this stove portable?

Answer 6

(Project Officer) Solace explained that the CZK rocket stove was not portable. She explained that this was the design to allow for sustainable monitoring and evaluation, to reduce on breakage/destruction and fire dangers related to portable stove devises

Question 7:

(Local Residents) You mentioned that during constructions that some of our young men/youth will be able to get part time jobs, will there be training offered to them?

Answer 7

(Project Officer) Solace explained that the project was designed to build the local area capacity, and that those who will get the benefit of working with the local contractor during stove constructions will be trained for free.

Question 8:

(Local Residents) What can one do in case of damage before end of 7 years?

Answer 8:

(Project Officer) Solace explained that the CZK Rocket Stove was designed to last a minimum of 7 years and that there were no expected damages unless the household was too careless with the stove. She instilled the importance of care to be taken immediately after constructions by allowing the stove a 2 week period for complete drying, and personal maintenance later. However, the sustainable monitoring would be able to recognize defects and help mend them.

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Item 5: Blind Sustainable Matrix Exercise

The experience in the past shows that the blind sustainable development matrix is not well accepted as people cannot relate to the terms and the indicators prepared by Gold Standard. Therefore, adaptation of the matrix to a more interactive exercise that people understand and relate to has been important. Indicators were chosen that directly affect the region and addressed using terms and phrasing easily understood. For example: "Air Pollution" indicator and after project explanations was asked as, "Now that you have heard about the project, how do you think it will affect the air quality in your house?"

Item 6: Vote of Thanks and Closing: 12.00am

- Solace introduced the Data collectors for the project
- Solace thanked everyone who made the meeting possible and told the participants that the project looks forward to a good working relationship with the community
- Closing prayer by Pastor Tobias
- Meeting ended at 12.02pm
- Evaluation forms were completed

ii. Minutes of other consultations

N/A

iii. Assessment of all comments

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
Relevant comments raised:		
The positioning of the stove is important. Women are accustomed to sitting down and cooking. Sitting down allows them to tend to the food and children at the same time.	No	The height of the stove makes sitting while cooking possible.
There are very many Locations in this area, will the other areas benefit from this project?	No	The project targets Administrative boundaries within Kisumu West District and only 2 Locations were set outside the project area. However, all the listed Locations were to benefit from the project
Given that we have difference family/household sizes, will we get bigger rocket stoves for	No	The stove design and function was described to participants. It was explained that the benefits and structure of the stove

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bigger households? Are there different sizes?		would support larger households as well. The participants agreed that despite the stove size remaining the same in all the households, the fact that it was faster and more efficient would ensure that it would effectively support bigger households
Can the stoves be made portable?	No	Stoves will be fixed, as the project proponent will be able to monitor the stoves to verify the emissions.
What if the stove gets damaged?	No	A stove monitoring and repairing structure is in place to ensure that any problems with the stoves are addressed quickly. The participants were taken through the process of reporting stove defects.
Can we have more than one stove in the house? And can it be easier for more people to get stoves?	No	In order to be fair we will try to spread the stoves in as many households we can around the villages so that everyone is involved in the benefits of using the improved stoves. We can only do this by stipulating that we will distribute one stove per household
Other non-relevant comments raised:		
Do we have to pay for the materials for the stove?	Not applicable	co2balance explained all materials will be provided and no cost at all will be assigned to the project beneficiaries.
The feedback we received from those that were assigned the role of "Information Dispersers", reflected the information that was the discussed at the LSC. Those that were unable to attend wanted to find out when the project will be implanted and why the stove wasn't portable. The information dispersers were able to explain that the stoves must be fixed in order to ensure proper monitoring.		

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
[See Toolkit 2.7]		

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.

As a whole the project is perceived to be positive in terms of the three categories of sustainability, environment, society and economy.

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v. Summary of alterations based on comments

If stakeholder comments have been taken into account and any aspect of the project modified, then please discuss that here.

N/A

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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 01.05.1972¹</p> <p>International Covenant on Civil and Political Rights Kenya's Accession 01.05.1972¹</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,^{1,2}</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 Cultural Rights</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.

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

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

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	11.06.1993 ¹ 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 ³	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 ^{3,4}	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) ³ . 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 ³	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

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

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

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	International Convention on the Elimination of All Forms of Racial Discrimination; Kenya Accession 13.09.2001 ³		
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 ⁵	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 ⁶	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 traditional local communities.	Kenya is ratified to the Convention on biodiversity; Ratified 07.26.1994 ⁷ . 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

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

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

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

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The project does not involve and is not complicit in corruption.	UN Convention against Corruption Ratification and Succession 09.12.2003 ⁸ 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
Additional relevant critical issues for my project type	Description of relevance to my project	Assessment of relevance to my project (low, medium, high)	Mitigation measure

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

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ii. 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 www.undp.org/mdg and www.mdgmonitor.org 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	MDGs: 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: suspended particulate matter (RSPM).- Measured indirectly by fuel consumption	+

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		<p>parameters during cooking. This applies particularly 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>A reduction in non-renewable biomass fuel consumption will result 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 harvesting of surrounding forests, contributing to environmental sustainability.</p>	<p><i>Parameter: Water quality and quantity.</i></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 is categorized as water</p>	<p>0</p>

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Soil condition	None required	<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>stressed if its annual renewable freshwater supplies are between 1000-1700 m³ 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>Parameters: <i>Soil erosion & 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</p>		0

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			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 indicator is difficult to measure, hence it scores a neutral zero.	
Other pollutants	None required	Relevant MDG: Ensure environmental sustainability (7) -	<p><i>Parameter: Hours of construction. Noise Zones</i></p> <p>Our stoves are built away from noise pollution areas as set out in Kenya's Noise and Excessive Vibration Pollution Regulations (2009).</p>	0
Biodiversity	None required	MDG: Ensure environmental sustainability (7) 6.2% (approximately 3,522,000 hectare) of	<p><i>Parameter: Number of affected habitats.</i></p>	0

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	<p>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 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</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>
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Quality of employment	None required	endemic.	
	<p>MDG: End poverty and hunger (1)</p> <p>Employment and training opportunities resulting from stove construction and maintenance and project monitoring will provide income to people in the area.</p>	<p>Parameter: Number of workshops organised, number of attendees.</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,</p>	+

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Livelihood of the poor	None required	<p>MDG's: Eradicate extreme poverty & 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 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 increased⁹; this project will significantly contribute to reducing deforestation rates and thus the incidence of such diseases.</p>	<p>effective and efficient in any future work.</p> <p>Parameter: <i>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 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>	+
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⁹ <http://classeshortla.wsu.edu/uh390/2010/G2/UH390-2-2010-Paper2.pdf>

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			<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>	
Access to affordable and clean energy services	None required	<p>MDG: Eradicate extreme poverty & 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><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>	+
Human and institutional capacity	None required	<p>MDG: Promote gender equality and women empowerment (3)</p>	<p><i>Parameter: Change in female earned income, Change in number of jobs</i></p>	+

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<p>Quantitative employment and income generation</p>	<p>None required</p>	<p>Women are in charge of cooking tasks; hence this project will bring a number of benefits to the local women.</p> <p>MDG : Eradicate extreme poverty & hunger (1)</p> <p>The project will create jobs and generate income for those involved in stove production, distribution, installation, maintenance and project sampling.</p> <p>Reduced expenditure on fuel will essentially increase available income for project beneficiaries.</p>	<p>and positions for women.</p> <p>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>Parameter: <i>Income generated from employment created by the project.</i></p> <p>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</p>	<p>+</p>

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			construction and local mediation.	
Balance of payments and investment	None required	<p>MDG: Develop a global partnership for development (8).</p> <p>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></p> <p>This is a micro 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>	0
Technology transfer and technological self-reliance	None required	<p>Eradicate extreme poverty & hunger (1), Ensure environmental sustainability (7)</p> <p>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></p> <p>Data Collectors Training: 10 – 15 people Stove Construction</p>	+

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	Training: 30+ people expected to be trained in stove construction during the duration of the project.
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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 West Kisumu region.

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 www.undp.org/mdg and www.mdgmonitor.org Describe how your indicator is related to local MDG goals	Defined by project developer	Negative impact: score '-' in case negative impact is not fully mitigated, score '0' in case impact is planned to be fully mitigated

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				<u>No change in impact:</u> score '0'	<u>Positive impact:</u> score '+'
Air quality	None required	<p>MDGs: Promote gender equality and empower women (3), Reduce child mortality (4), Improve maternal health (5), and Ensure environmental sustainability (7).</p> <p>The improved cook stoves result in less exposure to indoor particulate matter during cooking, particularly for women and children.</p>	<p><i>Parameters: Carbon monoxide, RSPM and TSPM – via wood consumption</i></p> <p>Reduction in wood used will reduce emissions of carbon dioxide, total suspended particulate matter and respirable suspended particulate matter.</p> <p>Stakeholders agree that direct hygiene air quality will be improved in the kitchen due to less smoke.</p>		+
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</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</p>		0

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		forests, and therefore improve water quality.	specifically to the project, as it is small scale. Because this indicator is difficult to measure it scores a neutral zero.
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>Parameter: <i>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> <p>0</p>
Other pollutants	None required	<p>MDG: Ensure Environmental Sustainability (7)</p> <p>This indicator will not significantly impact the project.</p>	<p>Parameter: Hours of Construction, Noise Zones.</p> <p>There are no other suggestions to think the project will related to any other pollutants</p> <p>0</p>

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<p>Biodiversity</p>	<p>None required</p>	<p>MDG: Ensure Environmental Sustainability (7). The reduction in wood required for cooking will result in less degradation of surrounding forests, and thus improve biodiversity.</p>	<p><i>Parameter: Number of affected habitats.</i> 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.</p>	<p>0</p>
<p>Quality of employment</p>	<p>None required</p>	<p>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 persons in the area. This would prove fruitful for future stove</p>	<p><i>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.</i> Stakeholders agree that transferable skills would</p>	<p>+</p>

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		<p>construction projects in the region.</p>	<p>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 & 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 style="text-align: right;">+</p>

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			<p>Monitoring kitchen surveys will assess time spent collecting fuel.</p>	
<p>Access to affordable and clean energy services</p>	<p>None required</p>	<p>MDG: End poverty & 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 & 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></p>	<p style="text-align: center;">+</p>

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			New employment opportunities for both men and women will be created by the project.	
Quantitative employment and income generation	None required	<p>MDG: End poverty & hunger (1).</p> <p>The project will create jobs and generate income for those involved in stove production, distribution, installation, maintenance and project sampling.</p> <p>Income losses because of the new stove technology</p>	<p><i>Parameter: Household income generated from employment created by the project.</i></p> <p>A number of new job opportunities will be created that would generate income. However, there may be 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 style="text-align: center;">0</p>	
Balance of payments and investment	None required	<p>MDG: End poverty & hunger (1).</p> <p>This project will not have a significant impact on balance of payments and investment</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 style="text-align: center;">0</p>	
Technology transfer and	None required	<p>MDG: Eradicate extreme poverty & hunger (1), Ensure</p>	<p><i>Parameter: Number of training workshops</i></p> <p style="text-align: center;">+</p>	

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<p>technological self-reliance</p>	<p>environmental sustainability.</p>	<p>organised to teach people to build the stove.</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>
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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.

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.

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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.

D. 3. Consolidated 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 www.undp.org/mdg and www.mdgmonitor.org 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	Parameters: Total suspended	+

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<p>equality and empower women (3), Reduce child mortality (4), Improve maternal health (5), and Ensure environmental sustainability (7).</p> <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 CO₂ 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.</p>	<p><i>particulate (TSPM)</i> <i>Respirable suspended particulate matter (RSPM)</i></p> <p>A reduction in non-renewable biomass fuel consumption will result in lower levels of CO₂ 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>
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<p>Water quality and quantity</p>	<p>None required</p>	<p>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>MDG: Ensure environmental sustainability (7)</p> <p>The reduction in wood required for cooking will reduce unsustainable harvesting of surrounding forests, contributing to environmental sustainability.</p>	<p>Parameter: <i>Water quality and quantity</i></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 is categorized as water stressed if its annual renewable freshwater supplies are between 1000-1700 m³ 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>0</p>
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Soil condition	None required	<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 difficult to measure and monitor so it scores a neutral zero.</p>	0
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: Hours of construction. Noise Zones</p> <p>Our stoves are built away from noise pollution areas as set out in Kenyas Noise and Excessive Vibration Pollution Regulations. The stoves are built in an open area, private property away from residents, worship places or schools. The construction hours are from 8-5pm Mon-Sat.</p>	0
Biodiversity				0

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	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>	
Quality of employment	None required	<p>MDG: End poverty & hunger.</p> <p>Employment and training opportunities resulting from stove construction and project maintenance and project monitoring will provide income to people in the area.</p>	<p>Parameter: Number of workshops 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</p>	+

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<p>Livelihood of the poor</p>	<p>None required</p>	<p>MDG's: Eradicate extreme poverty & 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 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</p>	<p>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><i>Parameter: Wood Consumption, Wood Cost and time spent for wood collection.</i></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 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</p>	<p>+</p>

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		<p>as well in time saving on cooking fuel collection.</p>	<p>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 & hunger (1) The reduction in firewood required will result in lower expenditure on energy</p>	<p>Parameter: <i>Change in volume of Traditional Fuel through wood consumption, wood cost and time spent for wood collection</i> 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). The project will bring numerous benefits to women as there are in charge of the cooking tasks</p>	<p>Parameter: <i>Household income generated from employment created by the project, Parameter: Change in female earned income, Change in number of jobs and positions for women, Women in decision making groups at the community level.</i> There will be new employment</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 score</p>	<p>MDG: End poverty & hunger (1). The project will create jobs and generate income for those involved in stove production, distribution, installation, maintenance and project sampling.</p>	<p>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><i>Parameter: Household income generated from employment created by the project using internal records.</i> Wood sellers will see their business affected as less input will be needed to cook the same food. However, a number of new job 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</p>	<p>0</p>

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			<p>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> <p><i>Parameter: Amount of domestic investment, amount of foreign direct investment.</i></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>This indicator will not be significantly impacted by the project</p>	0
Technology transfer and technological self-reliance	None required	<p>Eradicate extreme poverty & hunger (1), Ensure environmental sustainability (7)</p> <p>The project will bring the wood efficient stove technology to the</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+</p>	+

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	<p>area, as well as new skills through capacity building.</p>	<p>people. 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>
<p>Justification choices, data source and provision of references 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., Brucen, 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>.</p>	

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	<p>(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) http://whqlibdoc.who.int/hq/2002/WHO_SDE_OEH_02.05.pdf [Accessed December 3rd, 2010]</p> <p>This can be further supported by the following health impact report published by the FAO (Food and Agriculture Organisation – UN): http://www.fao.org/docrep/009/a0789e/a0789e09.htm [Accessed December 3rd, 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 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: http://www.kenyaforestservice.org/index.php?option=com_content&task=view&id=92&Itemid=124 [Accessed December 3rd, 2010]</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 is categorized as water stressed if its annual renewable freshwater supplies are between 1000-1700 m³ per capita). http://www.wsup.com/sharing/documents/Kenyaclimatechangesummary2010.pdf [Accessed December 3rd 2010]</p>

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	<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>
Soil condition	<p>Unsustainable harvesting may lead to deforestation and subsequently soil erosion. This is supported by the following UNEP report on Kenya's Green Development. http://www.unep.org/dewa/africa/KenyaAtlas/PDF/Kenya_Atlas_FINAL_PR.pdf [Accessed December 3rd, 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%. Between 2000 and 2005, the rate of forest change decreased</p>

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	<p>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. http://rainforests.mongabay.com/deforestation/archive/Kenya.htm [Accessed 07 December, 2010]</p> <p>Due to the scale of the project it is unlikely that this impact 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>
<p>Quality of employment</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: http://hivinsite.ucsf.edu/global?page=cr09-ke-00&post=19&cid=KE#GeneralEconomy [Accessed December, 7th 2010]</p>
<p>Livelihood of the poor</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): http://www.gtz.de/de/dokumente/gtz2010-en-carbon-markets-for-improved-stoves.pdf [Accessed December, 7th 2010]</p>

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	<p>The relationship between forest loss and malaria is supported by the following report: http://www.unep.org/dewa/africa/KenyaAtlas/PDF/Kenya_Atlas_FINAL_PR.pdf [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): http://mirror.undp.org/kenya/KenyaEnergyAtlasFinal-UN.pdf [Accessed December, 7th 2010]</p> <p>As well as the following report published by the Intermediate Technology Development Group (see page 1): http://ehs.sph.berkeley.edu/HEM/hem/China%20Stoves/Presentations/19_Kenya_Daniel_Theuri/Rural%20Energy,%20stoves%20and%20IAP%20final_report_Eng.pdf [Accessed December, 7th 2010]</p> <p>Wood cost, wood consumption and time spent on fuel collection would be monitored through questionnaires.</p>
<p>Human and institutional capacity</p>	<p>http://www.usaid.gov/our_work/humanitarian_assistance/disaster_assistance/sectors/files/darfur_final_summary.pdf [Accessed December, 7th 2010]</p>
<p>Quantitative employment and income generation</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> <p>See: http://hivinsite.ucsf.edu/global?page=cr09-ke-00&post=19&cid=KE#GeneralEconomy [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>

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Balance of payments and investment	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.
Technology transfer and technological self-reliance	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 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.

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SECTION E. DISCUSSION ON SUSTAINABILITY MONITORING PLAN

[See Toolkit 2.4.3 and 2.6.1]

Discuss stakeholders' ideas on monitoring sustainable development indicators. Do people have ideas on how this could be done in a cost effective way? Are there ways in which stakeholders can participate in monitoring?

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)

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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.

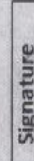
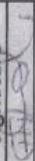


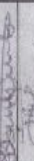
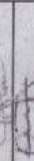
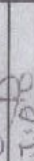

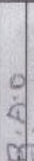




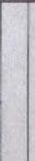
In order to carry out a meaningful stakeholder feedback round Co2balance will notify the Gold Standard once all documentation is available, uploaded and ready to be made publicly available. The necessary documentation (LSC report, draft PDD and the passport) will be uploaded onto the Gold Standard registry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

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ANNEX 1. ORIGINAL PARTICIPANTS LIST



Kisumu 2 GS Stakeholders Meeting: 1st December 2010: Participant Registration List

No.	Name	Position in community	Gender	Organization (if relevant)	Contact Details	Signature
X 1	TOBIAS O OGIEL	ASSISTANT CHIEF	M	PROV. ADMIN	0724714474	
X 2	SYLVANUS O DLUOGH	CHIEF	M	WEST KATIENO CHD	B.04.124-KOMB	
X 3	BENARD SILECH	CDP COOP	M	UPPER KOMBENA CBO	0721555275	
X 4	MARION O. DDE MBA	ASST CHIEF	M	LOWER KOMBENA	0714455899	
X 5	LEO SWECH OSIO	CLAN ELDER	M	U. KOMBENA	0701226741	
X 6	RICHARD OSUNA	young leader	M	uplow	0712718078	
X 7	Josephine Atieno	Business woman	F	uplow	07257161337	
X 8	Linda Owino	Former	F	uplow	0726291812	
X 9	Ruth Akinyi	BIA WOMAN	F	uplow	0726238147	
X 10	OLUM GRUM	ASST-CHIEF	M	PROV. ADMIN.	0736442841	
X 11	Mary Oloride	CHW	F	S. C. SEHE COMBUNA	0733844945	
X 12	ARGUMENTS SKIA	CHW	F	EAST KATIENO	0738583863	
X 13	JOHN W. ONI OLLU	ASST-CHIEF	M	N. L. ONE	0725495812	
X 14	Georgette Omondi	Comm. member	M			
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Kisumu 2 GS Stakeholders Meeting: 1st December 2010: Participant Registration List

No.	Name	Position in community	Gender	Organization (if relevant)	Contact Details	Signature
X 1	RISPER A. ODUOL	TREASURER	F	DDDI SUNSHINE W.G.	0729756663	
X 2	MILWA OMENO	SOCIAL WORKER	F	GREEN HALL W/L	0725663806	
X 3	RUTH OKAKA	CHILD RIGHT	F	E. KOLUNJE CB4	0725158039	
X 4	BETTER AJWAHI	FARMER	F	P. KOLUNJE CB3	0726681199	
X 5	DKUMU MAURINE	CHILD RIGH	F	M. RISPBG	011105143	
X 6	PETER OBUNGA	PROFESSOR	M	MUR. SIBIG	0712534201	
X 7	MATH A. NTAURE	BUSINESS WOMAN	F	F. Youth Group	0710538049	
X 8	OLVINA OMBANDA	CHAIRMAN	M	" "	0728302461	
X 9	BEATRICE BIKIYI	CEO/STAFF	F	" "	0728625292	
X 10	HENRY BGECHA	ASST. CHIEF/STAFF	M	" "	0726792340	
X 11	DICKSON MUGA	WATSA CHIEF/NRATA	M	N/RATTA WATSA-N	" "	
X 12	JULIA OGIANT	FARMER	F	" "	0728261266	
X 13	ROSEBELLA ANILAMBO	FARMER	F	COMMUNITY CONCERN	0721-739121	
X 14	SR. BEATA MARGARET O.	FIELD OFFICER	M	COMMUNITY FACILITATOR	0725690782	
X 15	CELESTINE OCHIENG	DVC CORP	F	COMMUNITY FACILITATOR	0727162383	
X 16	DORCAS ONGONGA	CDF	F	PRSN. ABN.	0701839122	
X 17	JAMES O. AWITI	ASSISTANT	M	HYAMGUN CATCHMENT	0715640305	
X 18	FLORENCE O. AYOTTA	O.V.C COBS	F	Youth Leader	0729499450	
X 19	EDWARD ODHAMBO	C.R.P	M	WOMEN GROUP	0729225559	
X 20	PETIHA ODOHGO	WOMEN LEADER	F	WOMEN GROUP	0726021385	
X 21	EDWIHA A. AGIANG	DVC CORP	F	ROCKET STOVE BDR	0719757192	
X 22	GEORGE OONZ OMBU	DARALEGAL	M	MUR-SBG1	071122102	
X 23	ANTHONY OKELO NYAURE	FARMER	M	WOMEN GROUP	" "	
X 24	ELIZABETH ONYANGA	CHAIRPERSON	F	WOMAN GROUP	" "	
X 25	JANE ANJUR	ORGANISATION SEC.	F	WOMAN GROUP	0711129277	
X 26	CHRISTABEL OMBOK	CHIEF SCS	F	" "	0735619996	
X 27	RICHARD ODONGO	ASST CHIEF N/OHAWI	M	" "	0734513040	
X 28	EVANS O-LOA	ASST CHIEF	M	" "	0723746302	
X 29	DANIEL ODHAMBO	SOCIAL WORKER	M	ROCKET STOVE BUILDER	0736164151	
X 30	SAMSON O. OMINO	CHIEF N.W. KM	M	PRSN. ADMIN	0722119017	



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ANNEX 2. ORIGINAL EVALUATION FORMS

<u>CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010</u>	
Name: Nying: Josephine Atieno	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	I like the stove Anero kendo ni
What do you like about the project? Ang'o ma ihero e wi chenro ni?	I like this project Ahero chenro ni
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	I see no problems ok oahero nach moro amore
Signature: Yie lwedo:	J. A. O

<u>CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010</u>	
Name: Nying: Dorcas Ongong'A	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	This is a new concept and will benefit our community
What do you like about the project? Ang'o ma ihero e wi chenro ni?	A new development project on environmental sustainability
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	Education time allocated was too short
Signature: Yie lwedo:	Dorcas

<u>CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010</u>	
Name: Nying: Dante Othiambo	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	The meeting was good
What do you like about the project? Ang'o ma ihero e wi chenro ni?	Will bring alot of development in the community
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	The stove is not portable
Signature: Yie lwedo:	Dante



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CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name:	RICHARD OBO NGO
Nying:	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	A NEW INITIATIVE IN OUR COMMUNITY WHICH IS GOOD
What do you like about the project? Ang'o ma ihero e wi chenro ni?	ENVIRONMENTAL SUSTAINABILITY AND POVERTY REDUCTION
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	THE STOVE IS NOT PORTABLE
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name:	SAMSON O. Omuwo
Nying:	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	An important initiative
What do you like about the project? Ang'o ma ihero e wi chenro ni?	Poverty reduction & environmental sustainability
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	None
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name:	ORUM OLUM
Nying:	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	- Good workshop. Should be planned again for more ^{ambitions} _{needs}
What do you like about the project? Ang'o ma ihero e wi chenro ni?	IT IS BENEFICIAL TO THE COMMUNITY (ESSENTIAL)
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	The stove should have been portable
Signature: Yie lwedo:	



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Name:	ARGWINGI SUJA	ARGWINGI SUJA
Nying:		
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?		MAKING ROCKET STOVES.
What do you like about the project? Ang'o ma ihero e wi chenro ni?		TO SAVE ENVIRONMENT
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?		N/A
Signature: Yie lwedo:		

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name:		
Nying:	JANE ANJOR	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?		It is a good project, please bring it to Maliera Sub-LoC Ober madeukelonago Maliera Sub-location
What do you like about the project? Ang'o ma ihero e wi chenro ni?		I like the project. Please give me the stove An kondono berna madikwarona deumiyago
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?		Not transferable Ter maok dereru amara
Signature: Yie lwedo:		J. Anjor.

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name:		TOBIAS OUSI OUSI
Nying:		
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?		Meeting is good in creating awareness and more should be planned
What do you like about the project? Ang'o ma ihero e wi chenro ni?		It is a good project and will actually benefit the poor in our communities
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?		I wish the stove was portable
Signature: Yie lwedo:		



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Name: Nying:	BENARD OMONDI OLECH
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	It's a good meeting because it's for development.
What do you like about the project? Ang'o ma ihero e wi chenro ni?	Improve jikos that will be constructed free to farmers.
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	No refreshment during meeting.
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	James Awili
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	There need be more meetings with the community.
What do you like about the project? Ang'o ma ihero e wi chenro ni?	The project is good and can bring about change in the environment.
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	The importance of the trees which I presume can be totally lost.
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	PETER OBUNGA
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	- It was meant to create awareness and importance of conserving environment which is vital.
What do you like about the project? Ang'o ma ihero e wi chenro ni?	The effort it makes to improve our environment.
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	Not much.
Signature: Yie lwedo:	



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Name: Nying:	HENRY OUECHA
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	ITS GOOD AND ECONOMICAL
What do you like about the project? Ang'o ma ihero e wi chenro ni?	IT REDUCES THE USE OF FUEL MAY BE CUTTING DOWN OF TREES
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	THEY SHOULD TRY TO REACH MORE PEOPLE ON THE GROUNDS
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	Dickson M. Ouyango Dickson Muga Ouyango
What is your impression of the meeting? Ang'o ma iparo e wi bura ni? ✓/Good	The meeting taught us the new leaving also new technology
What do you like about the project? Ang'o ma ihero e wi chenro ni? ^{to implement}	The project should be implemented immediately
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	They better improved it to be longer size
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	EDWARD ODIHAMBO
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	IT IS COMMUNITY BENEFICIAL
What do you like about the project? Ang'o ma ihero e wi chenro ni?	IT REDUCES POVERTY
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	N/A
Signature: Yie lwedo:	



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CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	HENRY OUECHA
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	ITS GOOD AND ECONOMICAL
What do you like about the project? Ang'o ma ihero e wi chenro ni?	IT REDUCES THE USE OF FUEL MAY BE CUTTING DOWN OF TREES
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	THEY SHOULD TRY TO REACH MORE PEOPLE ON THE GROUNDS
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	Dickson M. Ouyango Dickson Muga Ouyango
What is your impression of the meeting? Ang'o ma iparo e wi bura ni? ✓/Good	The meeting taught us the new leaving also new technology
What do you like about the project? Ang'o ma ihero e wi chenro ni? ^{to implement}	The project should be implemented immediately
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	They better improved it to be longer size
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	EDWARD ODIHAMBO
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	IT IS COMMUNITY BENEFICIAL
What do you like about the project? Ang'o ma ihero e wi chenro ni?	IT REDUCES POVERTY
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	N/A
Signature: Yie lwedo:	



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CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	EVANS O/WA
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	THE PRESENTATION WAS EXCELLENT
What do you like about the project? Ang'o ma ihero e wi chenro ni?	IT WILL SAVE OUR TREES (ENVIRONMENT)
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	THE STOVE IS NOT BOBILE
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	OKUMU ATIENO MAURINE
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	The meeting was very good because we have taught widely on the goodness of CO2 balance
What do you like about the project? Ang'o ma ihero e wi chenro ni?	at least I have been enlightened and protect my environment
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	The project will make most people earn their living easily compare to the past
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	EDWINA A. AGAWO
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	This meeting is very informative
What do you like about the project? Ang'o ma ihero e wi chenro ni?	A project that will benefit the community and enhance lifestyles
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	The stove is not portable
Signature: Yie lwedo:	



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Name: Nying:	JOHN W. DMOLLO
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	Excellent job
What do you like about the project? Ang'o ma ihero e wi chenro ni?	It reduces poverty
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	None of the above N/A
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	CELESTINE OCHIENG
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	THE MEETING WAS GOOD AND WE WILL BENEFIT
What do you like about the project? Ang'o ma ihero e wi chenro ni?	OUR TREES WILL BE SAVED
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	IT IS VERY GOOD
Signature: Yie lwedo:	

Name: Nying:	SP. BILAL MATHATH
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	Good response & turnout from the community and active partici- pation.
What do you like about the project? Ang'o ma ihero e wi chenro ni?	Reduction of CO2 into the Atmos- phere & minimized fuel consumption
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	-
Signature: Yie lwedo:	

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Name: Nying: Mary Olando	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	Will help, reduce my poverty Opunja kugo mwandui na kendo konya e neno
What do you like about the project? Ang'o ma ihero e wi chenro ni?	Omya tich moyot edur, kod - Will make my work easy
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	Omiwa saa matiu kaom puni - The education time was too little
Signature: Yie lwedo:	<i>[Signature]</i>

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Name: Nying: GEORGE DONSE ONDISO	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	Very good with good vision for the community & nation in large.
What do you like about the project? Ang'o ma ihero e wi chenro ni?	- Rise of living standard. - Poverty reduction. - Environment - forest management
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	- Being specifically permanent. (There should be potatoes).
Signature: Yie lwedo:	<i>[Signature]</i> PHONE: 0717951198 / 23228515

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying: MARI ACHIENG NTAURE	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	Obar kando Obiro kelo lokmo k' qig' q' Oganda - Good - Will bring development
What do you like about the project? Ang'o ma ihero e wi chenro ni?	Obiro duoko Chardruok kelo k'ech kendo jomatido bira judatich.
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	It will reduce food insecurity and increase youth employment
Signature: Yie lwedo:	<i>[Signature]</i>



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Name: Nying: SYLVANUS OLUOCH	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	A NEW AND GOOD INITIATIVE
What do you like about the project? Ang'o ma ihero e wi chenro ni?	CO2 REDUCTION, POVERTY REDUCTION, YOUTH EMPLOYMENT
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	NONE
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying: Christabel <i>Christabel</i>	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	We are lucky
What do you like about the project? Ang'o ma ihero e wi chenro ni?	Many health related problems will be reduced <i>wapudo hawo</i>
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	Everything is good <i>kuochemongony ethi chok chuo n</i>
Signature: Yie lwedo:	

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Name: Nying: Collins Oyanggo	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	Very educative
What do you like about the project? Ang'o ma ihero e wi chenro ni?	The state will help us
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	nothing
Signature: Yie lwedo:	

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Name: Nying:	ROSEBELLA ABHIAMOD
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	The CO ₂ balance jiko
What do you like about the project? Ang'o ma ihero e wi chenro ni?	Saving of the firewood and reduction of CO ₂ level in the atmosphere.
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	Training members of the community
Signature: Yie lwedo:	ROZ

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	DOKO BEATRICE
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	It enhance the community on the importance of using the CO ₂ balance
What do you like about the project? Ang'o ma ihero e wi chenro ni?	The project will help community in the increase of economic living.
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	The latter youths should also be engaged in the project.
Signature: Yie lwedo:	BE

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	PIMINA ODONGO
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	The stove will help BER KENDO KONTO
What do you like about the project? Ang'o ma ihero e wi chenro ni?	Reduces poverty DUOKO KECH CHIEN
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	None ONGE all
Signature: Yie lwedo:	



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Name: Nying: ELIZABETH ONYANGO	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	I think there should be more education Gima iparo ni da omerd puvigroki
What do you like about the project? Ang'o ma ihero e wi chenro ni?	The benefits of the stove, and how fast it cooks Ber kendo gi kaka otedo ^{piyo} photo
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	The stove is not portable ting mach ting' e marachra kende
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying: Florence Ayatta	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	A good meeting
What do you like about the project? Ang'o ma ihero e wi chenro ni?	CO2 reduction
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	Nothing
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying: RICHARD ODONTO	
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	SO INTERACTIVE BUT SHOULD BE EXTENDED DOWN TO VILLAGES LEVELS (SUB-LOCATIONS)
What do you like about the project? Ang'o ma ihero e wi chenro ni?	THAT IT GOING TO CHANGE AND IMPROVE NORMAL LIVE STYLE
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	N/A
Signature: Yie lwedo:	



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Name: Nying:	Daniel Othiambo
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	The meeting was good
What do you like about the project? Ang'o ma ihero e wi chenro ni?	will bring alot of development in the community
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	The stove is not portable
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	RICHARD OBONGO
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	A NEW INITIATIVE IN OUR COMMUNITY WHICH IS GOOD
What do you like about the project? Ang'o ma ihero e wi chenro ni?	ENVIRONMENTAL SUSTAINABILITY AND POVERTY REDUCTION
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	THE STOVE IS NOT PORTABLE
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	DORCAS ONGONG'A
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	This is a new concept and will benefit our community
What do you like about the project? Ang'o ma ihero e wi chenro ni?	A new development project on environmental sustainability
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	Education fund allocated was too short
Signature: Yie lwedo:	



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CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	RISPER -A- ODUR
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	-It's good for better health and development.
What do you like about the project? Ang'o ma ihero e wi chenro ni?	-It reduces CO ₂ inhalation. -It's energy saving.
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	-Only youths are considered in terms of work. -The jku should not be permanent
Signature: Yie lwedo:	

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Name: Nying:	JULITA ONG'ANY
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	Make me the stove. the meeting was good KENDO EMA ADWARO MANDU OLACNA, BURA TO ODHI MABER.
What do you like about the project? Ang'o ma ihero e wi chenro ni?	will reduce fuel problems, poor rain patterns, time BIRO TIEKO CHANDRUOR MAR TIED, KOTI MA OLIT KAD SAA.
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	OK ADEND. - Have seen none
Signature: Yie lwedo:	JULITA

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	MARIUS OBUYA ODEMBA
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	It's a good project to be initiated
What do you like about the project? Ang'o ma ihero e wi chenro ni?	The CO ₂ reduction in the atmosphere.
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	The project is not transferable
Signature: Yie lwedo:	



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Name: Nying:	Geoffrey Omondi
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	A good idea towards improving community living at large.
What do you like about the project? Ang'o ma ihero e wi chenro ni?	- Environmental conservation
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	- Poor time management
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	Bentler Ayoo
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	This meeting was good
What do you like about the project? Ang'o ma ihero e wi chenro ni?	It will help my household
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	It will help me develop Biro kanya chenro manyera
Signature: Yie lwedo:	

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	Josephine Atieno
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	I like the stove Ahero kendo ni
What do you like about the project? Ang'o ma ihero e wi chenro ni?	I like this project Ahero chenro ni
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	I see no problems ok aneho nach moro imore
Signature: Yie lwedo:	J. A. O



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Name: Nying:	Linda Owino
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	This meeting went well bura ni odhi maber ahunya
What do you like about the project? Ang'o ma ihero e wi chenro ni?	This stove will benefit our community kendo bira kongo ganda wa
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	It has no problems ongee nach mono amora
Signature: Yie lwedo:	L. A. O

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	RUTH AKINYI
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	I liked the meeting
What do you like about the project? Ang'o ma ihero e wi chenro ni?	It will help our houses
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	The stove is not portable.
Signature: Yie lwedo:	R. A. O



Gold Standard Local Stakeholder Consultation Report

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	Linda Owino
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	This meeting went well bura ni odhi maber ahunja
What do you like about the project? Ang'o ma ihero e wi chenro ni?	This stove will benefit our community kendo biro konyo ofanda wa
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	It has no problems ongge nach noko amora
Signature: Yie lwedo:	L.A.O

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	JULITA ONG'ANY
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	Make me the stove. the meeting was good KENDO EMA ADWARO MANDO OLACNA, BURA TO ODHI MABER.
What do you like about the project? Ang'o ma ihero e wi chenro ni?	will reduce fuel problems, poor rain patterns, time BIRO TIEKO CHANDRUOR MAR TIEKO, KOTI MA OHI KOD SAA.
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	OK ADEND. - Have seen none
Signature: Yie lwedo:	JULITA

CO2BALANCE Evaluation forms Kisumu 2 GS Stakeholders 1st December 2010

Name: Nying:	RUTH AKINYI
What is your impression of the meeting? Ang'o ma iparo e wi bura ni?	I liked the meeting
What do you like about the project? Ang'o ma ihero e wi chenro ni?	It will help our houses
What do you not like about the project? Ang'o ma ok ihero e wi chenro ni?	The stove is not portable.
Signature: Yie lwedo:	R.A.O

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