

TITLE OF THE MICRO-PROGRAMME: GS1247 Improved Kitchen Regimes Multi-Country PoA

THE GOLD STANDARD MICRO-PROGRAMME ACTIVITY DESIGN DOCUMENT TEMPLATE (VPA-DD)

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SECTION A. General description of micro-programme activity (VPA)

A.1. Title of the micro-scale VPA:

GS4897 in GS1247 (VPA 56) Improved Kitchen Regimes: Kayonza District Borehole Project, Rwanda

01/03/2016

Version 1.0

A.2. Description of the micro-scale VPA:

Purpose of Project Activity

This Micro-Scale Voluntary Project Activity 56 Improved Kitchen Regimes: Kayonza District Borehole Project, Rwanda (mVPA), is eligible under the Gold Standard methodology Technologies and Practices to Displace Decentralized Thermal Energy Consumption Version 1. The project will support the provision of safe water, using borehole technology, to hundreds of households within Kayonza District. By providing safe water, the project will ensure that households consume less firewood during the process of water purification and as a result there will be a reduction in Carbon Dioxide (CO₂) emissions from the combustion process.

Kayonza is a largely rural district in which local people typically use wood fuel on inefficient three-stone fires to purify their drinking, cleaning and washing water. This process results in the release of greenhouse gas emissions from the combustion of wood. This can be avoided if a technology that does not require fuel (wood or fossil), supplies the clean water desired by households.

Many existing boreholes are owned by community groups or Community Based Organizations (CBOs), and have fallen into disrepair because maintenance programmes have been poorly managed, or proven too expensive. In this project the project developers will work with community groups and local NGO Rwandans4Water, in Kayonza District, to identify broken down boreholes and renovate them so that they deliver clean, safe water and breakdowns are fixed rapidly. The project developers will ensure that the quality of the water delivered by the boreholes is fit for human consumption for the entire length of the project, which will be a minimum of seven years.

The project developers get funding for this project by marketing the anticipated carbon credits from the wood savings to ethical investors, so borehole owners must agree to transfer the emissions reductions over to the project developers in return for them supplying the work to renovate the boreholes. This project will be developed under the Gold Standard carbon credit body, which in addition to checking that the carbon credits from this project are real, also measures local social, environmental and economical impact.

This project activity will be implemented in the following manner:

1. Determine which boreholes are the most feasible to repair in terms of community interest/participation and technical viability.
2. Rehabilitate the boreholes into full working order, commencing the crediting of the project activity.
3. Deliver maintenance programme as and when necessary to ensure that the water supplied by each borehole is pure and safe, and that the borehole remains in full working order for the length of the crediting period.

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Monitoring data collected during the rehabilitation and operation of the boreholes will be captured in an electronic data management system, or monitoring database. From this data, the emissions reductions of the VPA will be determined. This system will be available for review during validation and verification.

CO2balance UK Ltd has undertaken a thorough stakeholder engagement process for the Kayonza District Borehole Project VPA under the PoA, ensuring that communities value and endorse the project.

Technology

An example of the technology common in Rwanda (Afridev Hand Pump) that will be renovated as part of this project is shown on the picture. This project is not limited though to any particular model of hand-pump, the project developers renovate pumps according to local needs.



Contribution to Sustainable Development

The VPA contributes to the sustainable development of the Kayonza District in a number of ways:

- i. Environmental
 - The VPA will help significantly reduce greenhouse gas emissions over its lifetime.
 - The VPA will help reduce the use of non-renewable biomass from forests, assisting with the preservation of existing forest stock, protecting natural forest eco-systems and wildlife habitats.
 - The protection of standing forests will ensure the maintenance of watersheds that regulate water table levels and prevent flash flooding.
 - A reduction in fire wood consumption will lead to reduced deforestation and therefore reduced erosion and nutrient loss.
- ii. Social
 - Considerably less time will need to be spent collecting wood fuel for the purification of water, thereby reducing the work burden on rural families and presenting alternative opportunities for economic development and a higher standard of living.
 - The incidence of illness and disease caused by drinking dirty water will be reduced.
 - The amount of indoor pollutants from the burning of biomass in the family home will be reduced. Less Carbon Dioxide (CO₂), Carbon Monoxide (CO) and particulates will be emitted, reducing the likelihood of respiratory diseases and thus impacting positively on the health of the households.
 - Less time will need to be spent purifying water, allowing greater opportunity to focus on other household tasks and the supervision of children.

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iii. Economic

- The project will benefit the rural economy by providing employment in the maintenance and monitoring of the boreholes.
- Costs incurred in the purchase of fuel will be reduced through reduced need for wood fuel, allowing more money to be spent on food, health care, education etc.

The Kayonza District Borehole Project VPA will deliver long-term, secure and simple contributions to sustainable development in the Kayonza District which, without carbon finance, would not exist.

A.3. Entity/individual responsible for the micro-scale VPA:

The Coordinating/Managing Entity (CME) of the PoA is co2balance UK Ltd. co2balance UK Ltd is the entity which communicates with Gold Standard and is the entity responsible for the VPA.

Open Circle Investments Pty Ltd. and Likano Project Development GmbH are both project developer partners, too.

A.4. Technical description of the micro-scale VPA:

A.4.1. Identification of the micro--scale VPA:

GS4897 in GS1247 (VPA 56) Improved Kitchen Regimes: Kayonza District Borehole Project, Rwanda

A.4.1.1. Host Party:

The Republic of Rwanda

A.4.1.2. Geographic reference or other means of identification allowing the unique identification of the micro--scale VPA (maximum one page):

Below is the geographic reference to allow unique identification of the borehole project in Kayonza District, Rwanda. The location of the project activity is within the Kayonza District, in the Eastern Province of Rwanda. The project boundary is taken from the administrative boundaries of the Kayonza District, and the GPS co-ordinates are also listed. The unique names of the boreholes will allow easy identification of which village within the project area the boreholes belong to. The target area and the fuel collection area are defined as being contained within project boundary, with the outer limits of the project boundary being clearly defined below.

Continent	Country	Region	District	Sector	Sub-Location	Geographical Reference	
Africa	Rwanda	Eastern Province	Kayonza	N/A	N/A	-1.85	30.65

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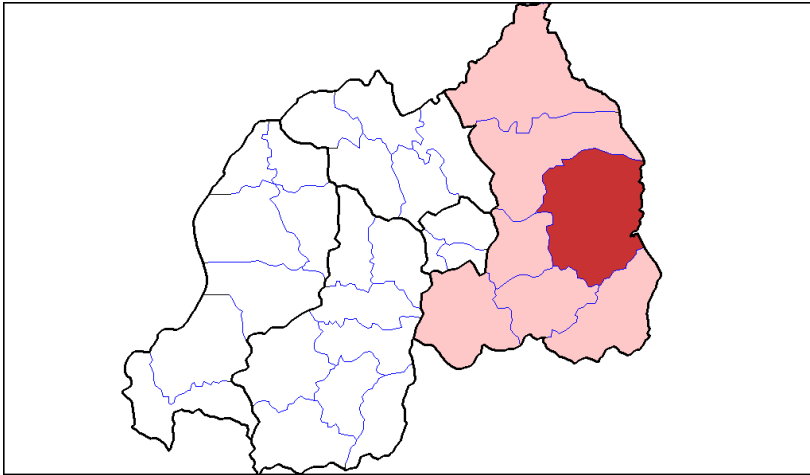


Figure 1: Kayonza District, Eastern Province, Rwanda

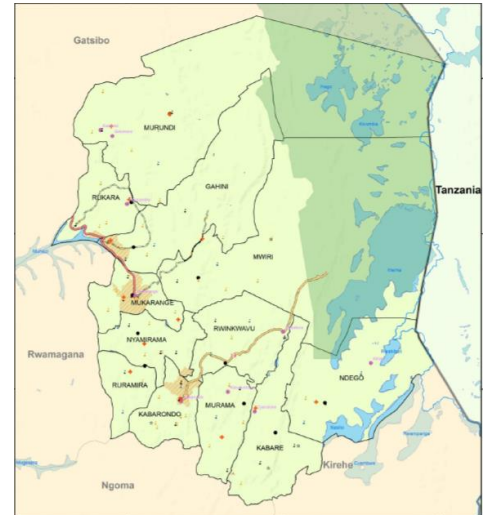


Figure 2: Close up of Kayonza District

A.4.2. Duration of the micro--scale VPA:

A.4.2.1. Starting date of the micro--scale VPA:

09/11/2015

The above is an estimated date of the start of the project, which will be confirmed/updated during validation.

A.4.2.2. Expected operational lifetime of the micro--scale VPA:

7 years

A.4.3. Choice of the crediting period and related information:

Renewable crediting period

A.4.3.1. Starting date of the crediting period:

10/11/2015

The above is an estimated date of the start of the crediting period, which will be confirmed/updated during validation.

A.4.3.2. Length of the crediting period, first crediting period if the choice is renewable CP:

7 years

Boreholes are designed to last for up to 20-50 years with adequate maintenance, which is often ignored due to short term cash flow problems in the community groups that manage boreholes in Rwanda. Therefore, it is anticipated that under the planned, financed maintenance programme introduced in this project, boreholes will

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easily last the length of the crediting period. However, if necessary, repair and/or replacements will be made to ensure the technology lifetime covers the crediting period.

The business model is based on financing any repair and maintenance of the borehole for up to 7 years.

A.4.4. Estimated amount of emission reductions over the chosen crediting period:

Year	Annual estimation of emission reduction of tCO₂-e
10 November 2015 – 09 November 2016	10,000
10 November 2016 - 09 November 2017	10,000
10 November 2017 - 09 November 2018	10,000
10 November 2018 - 09 November 2019	10,000
10 November 2019 - 09 November 2020	10,000
10 November 2020 - 09 November 2021	10,000
10 November 2021 - 09 November 2022	10,000
Total estimated emission reductions (tCO ₂ -e)	70,000
Total number of crediting years	7
Annual average over crediting period of estimated reductions (tCO ₂ -e)	10,000

A.4.5. Public funding of the VPA:

There is no diversion of public or ODA funding for this project activity. Please see the signed ODA declaration form in Annex 2.

A.4.6. Confirmation that micro--scale VPA is neither registered as an individual GS project activity or with any other standard or is part of another Registered PoA:

The mVPA is neither registered as an individual GS Project Activity or with any other standard, nor is it part of another Registered PoA.

SECTION C. Stakeholders' comments

C.1. Brief description how comments by local stakeholders have been invited and compiled:

A Local Stakeholder Consultation Meeting was conducted at the Meeting Room of Kayonza District, Kayonza, Rwanda on the 9th November 2015.

Group LSC Approach

The LSC meeting was designed to cover multiple VPAs in the Kayonza district. In line with the Gold Standard Micro-Programme Rules, the following eligibility criteria must be complied with in order for a VPA to qualify under the group LSC;

- The project implementation activities are the same for all VPAs as outlined in section A.2 of the VPA-DD.
- The design of the borehole repairs is the same or is sufficiently similar within these VPAs.

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- All VPAs covered by this stakeholder consultation must be implemented in the same geographic area, Kayonza District, Rwanda.
- The start date of implementation for all the VPAs is within a time-frame of 2 or 3 years.

Compliance with the above criteria is demonstrated for each of the VPAs covered by the group LSC. The VPAs that will be covered are all in the same District in Rwanda, in close proximity to each other, the implementation is planned to be carried out within the same 2 years, the distribution approach is the same in all VPAs and the technology involved (boreholes) is identical. It is therefore deemed justifiable for one meeting to cover several project activities.

The Kayonza Borehole Project VPAs have demonstrated compliance to be covered by the group LSC approach based on project activity being the same:

- Design of boreholes same or sufficiently similar
- Within the same geographic area, i.e. Kayonza district.

The pictures below were taken by the project partner organisation, FAPDR representatives during the stakeholder meeting.



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The meeting was well attended with good representation from each Sector to be included in the proposed VPAs



Attendees were encouraged to ask questions and share their opinions

Local stakeholders were invited to participate in the consultation for the implementation of the initial (and subsequent) Rwandan Borehole Project VPAs. This comprised of a meeting with local communities from Sectors

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across the Kayonza District. The consultation was open to all stakeholders from across the Gold Standard categories including local community leaders and representatives, NGOs etc. The meeting was led by the local NGO partner “Fondation Artisans de la Paix at du Développement au Rwanda” (FAPDR), in conjunction with local water specialist NGO “Rwandans4Water.”

Stakeholders were invited to the meeting using a variety of methods, depending on their category code and the ease of reaching each through the channels available. The table below summarises the groups invited to the meeting as well as the mode of invitation and the method of invite tracking:

Gold Standard Stakeholder Categories				
Code	Category	Invited by	Mode	Tracked by
A & B	Local people impacted by the project or official representatives. Local policy makers and representatives of local authorities	FAPDR/Rwandans4Water	Letter, radio adverts	Signed Personal Invite Record, advert text and/or receipts
C	Designated National Authority of the Country ^[3]	co2balance	Email (letter)	Sentbox Screen Shot
D	Local non-governmental organizations working on topics relevant to your project location ^[4]	co2balance & FADPR	Email (letter),	Sentbox Screen Shot, Personal Invite Record
E	The local Gold Standard expert who is located closest to your project location	co2balance	Email (letter)	Sentbox Screen Shot
F	Relevant international non-governmental organisations (NGOs) supporting the Gold Standard, with a representation in your region and ALL GS supporter NGOs located in the country ^[5]	co2balance	Email (letter)	Sentbox Screen Shot

Invitations:

Invitations to each group were sent out in a phased manner that was appropriate for each category of stakeholders.

Public Invitation: a radio broadcast prior to the meeting. Text and receipt from the radio broadcast below:

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ITANGAZO RYO KURI RADIO

Umuryango co2balance wo Bwongereza ufatanyije na FAPDR Umunyango nyarwanda urengera ibidukikije baramenyeshya abatanyabikorwa bawo mu mu karere ka Kayanza baturuka mu mirengi ya Mwiri, Kabarondo, Rwinkwavu, Mukarange, Ruramira na Murundi batumiwe mu nama izabahuza n'abashinzwe umushinga wo gusana Nayikondo ziri muri icyo mirengi.

Ababonye ubutumire bese bazahurira ku biro by'Akarere ka Kayanza ka wa mbere taliki ya 9 Ugushyingo 2015 sa tatu za mu gitondo.

Musabwwe kwitabira icyo nama kandi muzubahirize isaha.

Bikorewe i Kigali ku wa 5 Ugushyingo 2015.

Umuyobozi wa FAPDR uhagarariye co2balance mu Rwanda.

Jean Baptiste Nsabimana

Radio Text in Kinyarwanda

 **RECUN°**

RADIO RWANDA

Reçu de : FAPDR / Co2 balance

La somme de (en chiffres) : 30 000 FRW

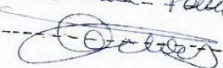
(en lettres) : Trente mille francs rwandais

Justification : Communiqué 4. for

2 se Kayanza district 9/12/2015

Date : 3/4/2015

Nom et prénom : Ahura Pascal

Signature : 

Radio Receipt

Email Invitations were sent to International and local NGOs with a presence in the area, and personal invitations were prepared for community beneficiaries and local representatives. Each form of invite was accompanied by a Non-Technical Summary in the appropriate language (Kinyarwanda).

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Stakeholder Invitation (English):

Re: Local Stakeholder Consultation – Kayonza District, Rwanda

Dear Sir/Madam,

Award-winning environmental company CO2balance, in collaboration with FAPDR- a local NGO for environmental protection and development, and Rwandans4Water, plan to develop a series of borehole projects within the Kayonza District, Rwanda. This district is largely rural, in which water scarcity is an issue, and local people typically use biomass on inefficient three-stone fires to purify their drinking, cleaning and washing water. This purification process results in the release of greenhouse gas emissions from the combustion of biomass - this can be avoided if a carbon neutral technology (such as a hand pumped borehole) supplies the clean water desired by households.

In this project CO2balance will provide safe drinking water to communities and reduce the need to boil water as a means of purification through the repair and long-term maintenance of damaged boreholes in the Kayonza District.

Borehole Repair/Rehabilitation

Many existing boreholes are owned by community groups or Community Based Organisations (CBOs) and have fallen into disrepair because maintenance programmes have been poorly managed, or proven too expensive. In this instance, CO2balance will work with technicians at Rwandans4Water to identify broken down boreholes and rehabilitate them so that they deliver clean, safe water and breakdowns are fixed rapidly. We will also ensure that the quality of the water delivered by the boreholes is fit for human consumption for the entire length of the project, which will be a minimum of seven years. The WASH sensitization programme of the local communities as well as the monitoring activities will be carried with our two local project partners, Rwandans4Water and FAPDR.

This project will be developed under the Gold Standard of the Clean Development Mechanism which will ensure that enhanced local socio-economic benefits as well as verifiable carbon dioxide (CO₂) emission reductions are achieved. We have arranged a meeting with Local Stakeholders in which we seek their opinion on the project's design and social and environmental impacts; we believe this is an essential step in implementing a project in which the local community has ownership - thereby maximising the chances of successful adoption.

We value your input into our project design and cordially invite you to attend this Stakeholder Consultation – the meeting will be conducted in English and Kinyarwanda.

DATE: Monday 9th November 2015

TIME: 10am

VENUE: Head Office of the Kayonza District, Kayonza District, Rwanda

For further information please contact:

UK Project Manager

eszter.hegyi@co2balance.com

Rwanda Projects Consultant (FAPDR)

jbnsabimana@gmail.com

+250 (0)788507777

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Stakeholder Invitation (Kinyarwanda):



Kigali kuwa 25 Ukwakira 2015

Bwana/Madamu.....

Impamvu : Inama nyunguranabitekerezo

ku Mushinga w'amazi

Mu rwego rwo kurengera ibidukikije

hakoreshwa amashyamba arondereza ibicanwa, Umuryango FAPDR (Fondation Artisans de la Paix et du Développement au Rwanda) ufatanyije na co2balance wo mu bwongereza uteganya gusana Nayikondo ku karere ka Kayanza ziboneka mu mirenge ya MUKARANGE, MWIRI, RWINKWAVU, KABARONDO, RURAMIRA na MURUNDI

Kubera icyo mpamvu, mutumiwe mu nama nyungurana-bitekerezo kuri icyo gikorwa izabera ku Biro by'Akarere ka Kayanza ku wa mbere, tariki ya 9 Ugushyamba 2015 sa tatu za mu gitondo. Abazitabira icyo nama bazasubizwa amafaranga y'urugendo batanze hakoreshejwe uburyo rusange bwo gutwara abantu.

Mugire amahoro

Prezida wa FAPDR ari nawe uhagarariye co2balance

NSABIMANA Jean Baptiste

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Non-Technical Summary English:

Project Summary

Kayonza is a largely rural district in which water scarcity is a serious issue, and local people typically use wood fuel on inefficient three-stone fires to purify their drinking, cleaning and washing water. This process results in the release of greenhouse gas emissions from the combustion of wood - this can be avoided if a technology that does not require fuel (wood or fossil) supplies the clean water needed by households.

In this project, CO2balance will provide safe drinking water to communities and reduce the need to boil water as a means of purification, through the repair and rehabilitation of damaged and dysfunctional boreholes in the Kayonza District.

Many existing boreholes are owned by community groups and have fallen into disrepair because maintenance programmes have been poorly managed, or proven too expensive. In this instance, CO2balance will work with Rwandans4Water to identify broken down boreholes and rehabilitate/repair them so that they deliver clean, safe water and breakdowns are fixed rapidly. We will also ensure that the quality of the water delivered by the boreholes is fit for human consumption for the entire length of the project, which will be a minimum of seven years.



Technology

An example of the technology common in the area is shown below. This project is not limited to any particular model of hand-pump- we will repair/rehabilitate pumps according to local needs.



Afridev Hand Pump

Sustainable Development

In addition to supplying clean, safe water, and greenhouse gas savings, this project will:

- Result in less wood used by households, which will reduce pressure on local ecosystems
- Reduced time spent collecting wood to boil water
- Reduced incidence of illness (and therefore less opportunity costs for families)
- Reduced expenditure on wood fuel, leaving money free for other household expenses

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Non-Technical Summary Kinyarwanda:

UMUSHINGA WO KUGEZA AMAZI MU KARERE KA KAYONZA

Incamake y'umushinga

Kayonza ni tumwe mu turere tugize Intara y'Uburasirazuba dufite ikibazo cy'amazi, bityo abaturage bakoresha inkwi bateka amazi yo kunywa kugirango bayasukure abone gukoreshwa.

Ibyo rero bituma imyotsi ihumanya ikirere ikomoka ku bicanwa iba myinshi, kugirango bigabanyuke birasaba ko hakoresha ubundi buryo butuma amazi asukurwa bakayakoresha ameze neza.

Muri uyu mushinga co2balance izageza ku baturage amazi meza kandi adakenerwa gutekwa mbere yo gukoreshwa. Ibi bizagerwaho hasanwa Nayikondo zangiritse mu karere ka Kayonza.

Nayikondo nyinshi zangiritse kubera ko zidasanwa kandi ngo zifatwe neza kubera ko bihenze cyane.

Muri uru rwego co2balance izakorana na Rwandan4water bagaragaza aho Nayikondo zangiritse zihereye hanyuma zigasanwa kugirango abaturage babone amazi meza. Ayo mazi azaba ari meza kandi umushinga uzamara igihe kigeze ku myaka 7.

Muri icyo mirimo yo gusana hazabaho ubufatanye busesuye n'abafatanyabikorwa kandi ibyifuzo byabo bizubahirizwa.

Ibyiza by'uyu mushinga

Uretse kugeza ku baturage amazi meza no kugabanya imyotsi ijya mu kirere uyu mushinga ufiteye abaturage akamaro kanini.

- Gukoresha inkwi nke no kurengera ibidukikije
- Kugabanya igihe bakoreshaga bajya gutashya inkwi no mu guteka amazi
- Kugabanya indwara z'ubuhumekero n'izindi ziterwa no gukoresha amazi mabi.
- Kugabanya amafaranga yatangwaga ku nkwi akaba yakoresha mu bindi bikorwa by'iterambere ry'urugo.

Tracking Table:

A 'tracking list' of invitations was created for the stakeholder meeting to ensure that invitations were monitored and logged for responses.

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Code	Organisation	Name of Invitee	Means of Invitation	Date of invitation	Confirmation
DNA, local and international stakeholders					
C	Rwanda Environment Management Authority (REMA)	Dr. Rose Mukankomeje	Email	09/10/2015	No
C	Rwanda Environment Management Authority (REMA)	Mr. Jean Ntazinda	Email	09/10/2015	No
D	The Dian Fossey Gorilla Fund International	Juan Carlos Bonilla	E-mail	09/10/2015	No
D	The Dian Fossey Gorilla Fund International	Felix Ndagijimana	E-mail	09/10/2015	No
D	ACNR	Serge Nsengimana	E-mail	09/10/2015	No
D	Fossey Fund	Ildephonse MUNYARUGERO	E-mail	09/10/2015	No
D	Millennium Villages	Donald NDAHIRO	E-mail	09/10/2015	No
D	Rwandans4Water	Aloys Zounguzoungu	E-mail	09/10/2015	No
D	FAPDR	Jean Baptiste Nsabimana	E-mail	09/10/2015	No
E	GSF	Neha Rao	E-mail	09/10/2015	No
E	GSF	Hannes Thaler	Email	09/10/2015	No
E	GSF	Ayushi Jain	E-mail	09/10/2015	No
E	GSF	Subuddhi Banthia	E-mail	09/10/2015	No
F	Climate Action Network South Africa	Dorah Lebelo	E-mail	09/10/2015	No
F	WWF Eastern Africa Regional Programme Office (EARPO)	Kimunya Mugo	E-mail	09/10/2015	No
F	CARE International	Kit Vaughan	E-mail	09/10/2015	No
F	NOVA Institute	Christiaan Pauw	E-mail	09/10/2015	No
F	ONKE Training	Mmathabo Mrubata	E-mail	09/10/2015	No
F	Renewable Energy & Energy Efficiency Institute	Kudakwashe Ndhlukula	E-mail	09/10/2015	No
F	SouthSouthNorth	Stefan Raubenheimer	E-mail	09/10/2015	No
F	Zero: Regional Environment Organisation	Johannes Chigwada	E-mail	09/10/2015	No
F	World Vision Australia	Dr. Dean C Thomson	E-mail	09/10/2015	No
F	Mercy Corps	David Nicholson	E-mail	09/10/2015	No
F	HELIO International	Helene O'Connor-Lajambe	E-mail	09/10/2015	No
F	REEEP	Katrin Harvey	E-mail	09/10/2015	No
F	WWF International	Bella Roscher	E-mail	09/10/2015	No
F	Greenfleet	Wayne Wescott	E-mail	09/10/2015	No
F	Chinansi Foundation	Simplex Chithyola	E-mail	09/10/2015	No
F	Nexus, Carbon for Development	Samuel Bryan	E-mail	09/10/2015	No
F	Hivos	Harry Clemens	E-mail	09/10/2015	No
F	Green Wave (Ecoclub) UA	Anna Vilde	E-mail	09/10/2015	No
District head office					
B	Mayor of the district	-	Letter	18/10/2015	Yes
B	Land officer and JADF	-	Letter	18/10/2015	Yes

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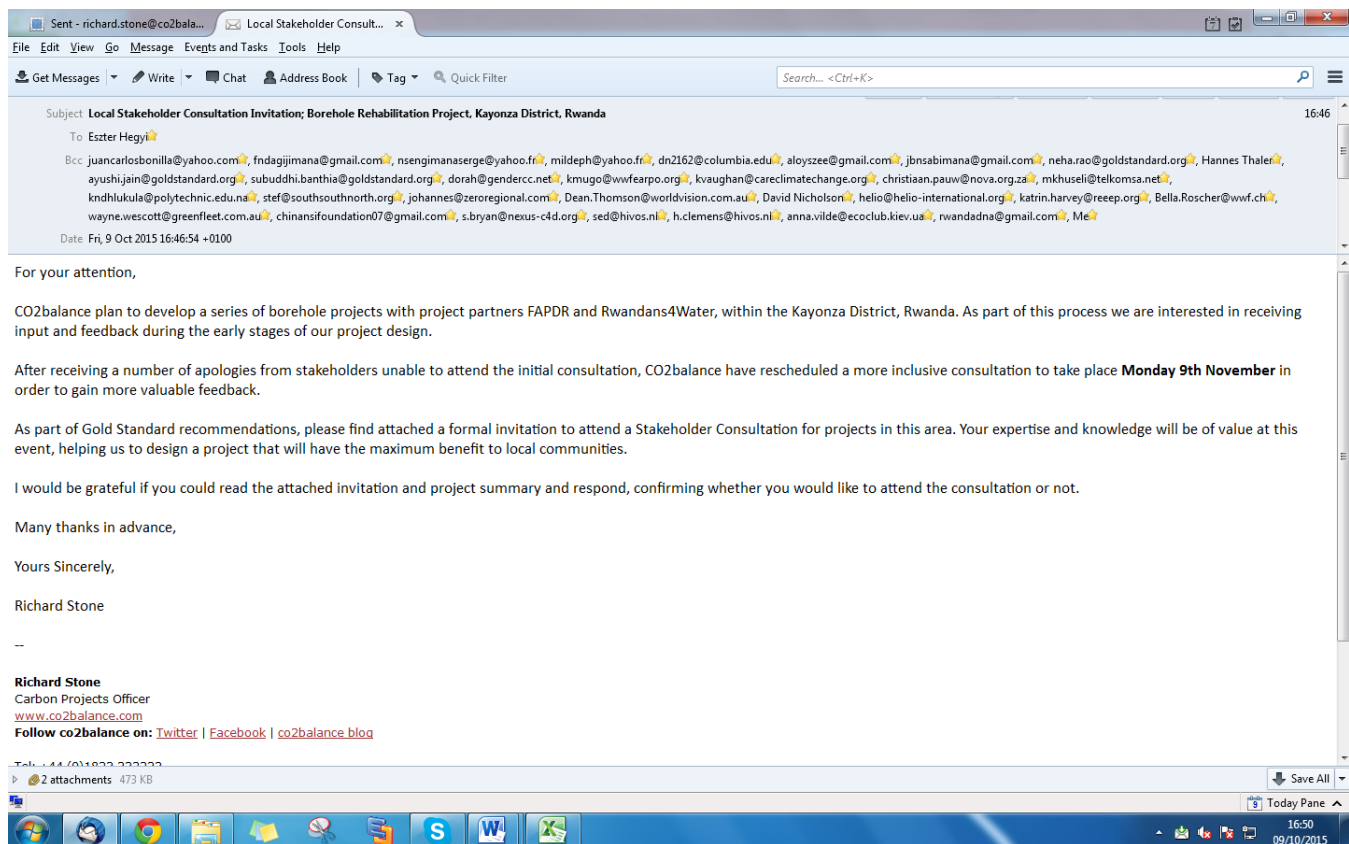
B	WASAC	-	Letter	18/10/2015	Yes
B	EATK	-	Letter	18/10/2015	Yes
Sector: MUKARANGE					
B	EX Secr for the sector	MUREKEZI J Claude	Letter	18/10/2015	Yes
B	EX Secr cell	TUYISENGE Edourd	Letter	18/10/2015	Yes
B	EX Secr cell	KABOYI Celestin	Letter	18/10/2015	Yes
B	EX Secr cell	MUSABYIMANA Rebeca	Letter	18/10/2015	Yes
B	EX Secr cell	RUDASINGWA Juvenal	Letter	18/10/2015	Yes
B	EX Secr cell	KAYITARAMIRWA Jeanne	Letter	18/10/2015	Yes
B	EX Secr cell	NGARAMBE Maxime	Letter	18/10/2015	Yes
B	EX Secr cell	SEBINEZA Kiyongo	Letter	18/10/2015	Yes
B	EX Secr cell	KARANGWA Theoneste	Letter	18/10/2015	Yes
B	EX Secr cell	UWINGABIRE Gaudence	Letter	18/10/2015	Yes
B	EX Secr cell	GASASIRA Justin	Letter	18/10/2015	Yes
Sector: RWINKWAVU					
B	EX Secr for the sector	BIZIMANA Claude	Letter	18/10/2015	Yes
B	EX Secr cell	Theoneste	Letter	18/10/2015	Yes
B	EX Secr cell	MUKAMUSABYEMUNGU Alice	Letter	18/10/2015	Yes
B	EX Secr cell	NDAHAYO Xavier	Letter	18/10/2015	Yes
B	EX Secr cell	MUKABARERA Judith	Letter	18/10/2015	Yes
B	Health agent	RANGIRA Aloys	Letter	18/10/2015	Yes
B	Health agent	MINANI Fabien	Letter	18/10/2015	Yes
B	Health agent	Niyibizi Celestin	Letter	18/10/2015	Yes
B	Health agent	MUKARUKUNDO Veneranda	Letter	18/10/2015	Yes
B	EX Secr cell Bwiza	UWINGABIRE Gaudence	Letter	18/10/2015	Yes
Sector: RURAMIRA					
B	EX Secr for the sector	NTIRANGAYA Germain	Letter	18/10/2015	Yes
B	EX Secr cell	SEMINEGA Diogene	Letter	18/10/2015	Yes
B	EX Secr cell	NGABOYISONGA Innocent	Letter	18/10/2015	Yes
B	EX Secr cell	MUJYAKERA Joseph	Letter	18/10/2015	Yes
B	EX Secr cell	BIMENYIMANA Jean Claude	Letter	18/10/2015	Yes
B	Health agent	TWIZEYEMUNGU Evariste	Letter	18/10/2015	Yes
B	Health agent	NIZEYIMANA JMV	Letter	18/10/2015	Yes
B	Health agent	UWIMANA Jacqueline	Letter	18/10/2015	Yes
B	Health agent	NTAMAZIMWE Jean Baptiste	Letter	18/10/2015	Yes
Sector: MWIRI					
B	EX Secr cell	UMURERWA Solange	Letter	18/10/2015	Yes
B	EX Secr cell	RUBERINTWARI Gilbert	Letter	18/10/2015	Yes
B	EX Secr cell	NSABIMANA Emmanuel	Letter	18/10/2015	Yes
B	Health agent	SEMANA Edouard	Letter	18/10/2015	Yes
B	Health agent	MUSABYIMANA Celestin	Letter	18/10/2015	Yes
B	Health agent	HANYURWABAKE Jean Baptiste	Letter	18/10/2015	Yes
B	Health agent	BUREGEYA Ferdinand	Letter	18/10/2015	Yes
B	EX Secr cell	MURWANASHYAKA Celestin	Letter	18/10/2015	Yes

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Sector: MURUNDI					
B	EX Secr Sector	SEMayUNDO Innocent	Letter	18/10/2015	Yes
B	EX Secr cell	RUGAZURA Olivier	Letter	18/10/2015	Yes
B	EX Secr cell	KABERA Safina	Letter	18/10/2015	Yes
B	EX Secr cell	UWIZEYE Fred	Letter	18/10/2015	Yes
B	Health agent	KANYESHYAMBA Pierre	Letter	18/10/2015	Yes
B	Health agent	TWIZEYIMANA Ferdinand	Letter	18/10/2015	Yes
B	Health agent	NTEZIMANA Francois	Letter	18/10/2015	Yes
B	Health agent	M UREKEZI Sylvain	Letter	18/10/2015	Yes
B	EX Secr cell	NDITUYIMANA Emmanuel	Letter	18/10/2015	Yes
Sector: KABARONDO					
B	EX Secr Sector	GISA Shakira	Letter	18/10/2015	Yes
B	EX Secr cell	UMUGWANEZA Sandrine	Letter	18/10/2015	Yes
B	EX Secr cell	NKONGORO Rushimisha	Letter	18/10/2015	Yes
B	EX Secr cell	NZABANGAMBA Viateur	Letter	18/10/2015	Yes
B	EX Secr cell	RUSIGARIYE Galican	Letter	18/10/2015	Yes
B	Health agent	UWIMANA Grace	Letter	18/10/2015	Yes
B	Health agent	MUKAMANA Drocele	Letter	18/10/2015	Yes
B	Health agent	HABYARIMANA J Baptiste	Letter	18/10/2015	Yes
B	EX Secr cell	RUKUNDO J d'Amour	Letter	18/10/2015	Yes

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Screenshot of Invites:



Meeting Preparation:

The following was put in place prior to the actual meeting:

- Printed Non-Technical Summaries: a simple description of the project that stakeholders will understand, in both English and Kinyarwanda:
- Minute taker: an individual responsible for taking detailed notes of the meeting findings.
- Participation forms: participants must sign this form to confirm their attendance.
- Evaluation forms: to be completed by all stakeholders. A simple evaluation form asks each stakeholder to write down their feelings and concerns about the meeting and the proposed VPAs in the Kayonza District, Rwanda.
- Agenda for the meeting
- Translator

Meeting Conduct:

This template shall not be altered. It shall be completed without modifying/adding headings or logo, format or font.

18

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The LSC was held at the meeting room of the KAYONZA District starting from 11.50 AM.

The meeting was held by the following sectors: MWIRI, KABARONDO, RWINKWAVU, MUKARANGE, RURAMIRA and MURUNDI, FAPDR team and RWANDANS 4WATER agents.

Agenda of the meeting

- Prayer
- Opening ceremonies
- Project update
- . Explanation of the project
- . Activities planned
 - Debates discussions, questions and answers
 - The Continuous Input
 - Closing ceremonies

1. Opening ceremonies

The starting prayer was led by Pastor Ndatimana from FAPDR.

Then the Vice Mayor in charge of the economic affairs who was the representative of the Kayonza district welcomed all the participants and especially thanked the project developers and the in-country partners for the collaboration with the local authorities to implement within the district the environment protection.

The master of ceremonies presents the invitees to the meeting particularly. The objectives of the meeting are to receive feedback about the water project from all stakeholders involved and so everybody is free to give out his idea concerning the project activities and they will be considered during the execution and the follow up of the project.

In his opening speech the vice mayor said that this project is very important because of the lack of safe water and firewood in the district and the reparation of the boreholes is of the solutions to both problems. He recalls the participants that the collaboration between the district and partners is needed in order to reach the objectives of this project

2. Explanation of the project

- *Presentation of the project*

The summary of the project was done by Jean Baptiste Nsabimana using the Non-technical summary translated into Kinyarwanda. Every participant received the copy and so it was easy to follow all explanations in relation to the project. The activities are focused on the reparation the boreholes to enable people to have access to safe water and to protect environment by reducing woodfuel consumption needed to purify water.

- *Activities planned*

Then Aloys NZUNGUZUNGU, President of RWANDANS 4WATER said that already the boreholes destroyed identified in all the district are 76 and will be repaired starting by 46 and to continue with the remaining after. The committees will be formed to work on every borehole and they will be trained for the maintenance of the boreholes repaired. To end his speech, he asked to the participants to collaborate with the team of RW4WATER because the collaboration will facilitate the task of the reparation and the maintenance of the infrastructures.

3. Debates discussions, questions and answers

Please see at section C.2.

4. The Continuous Input mechanism

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Towards the end of the meeting the participants discussed how to keep contact between the users and the project developers. They opted for two ways, the first one is to use the phone and they 'll report every problem brought up concerning the project as default of the stoves, how to start fire if there any problem etc. The second way is to put a book in the offices of different cells and to report all comments are mentioned in that book. Then the representatives of the in-country team will check the books every month to see the problems reported and to find solution with users. In this second way, a small note book 'll be kept in each village in which the users 'll write all comments and then the CPO of the cell will gather the comments to write them in the big book of the cell.

To summarize, the communication between the beneficiaries and project developers will be possible through a register book put on the office of each cell and a small note book in the village in which people will write all comments concern the project.

Then the representative of FAPDR and Rwandans4water will check up the books and to help people to find solution. In order to accelerate the information people will use the following phone number: 0789786375 / 0784077967 / 0726144289

The following links will be also used for any inquiry or comment on the project

- ① rwanda@co2balance.com Project manager UK
- ② jbnsabimana@gmail.com Representative of co2balance Rwanda

5. Closing ceremonies

Towards the end of the meeting Jean Baptiste NSABIMANA ends the meeting by thanks to the participants wishing to everybody good route to their respective villages.

The meeting is closed 2:30 PM by the prayer lead by Pastor Patrice and then the participants receive the travels fees and food after went at home.

Other Consultation Methods:

The local NGO partners, FAPDR and Rwandans4Water, as well as the local authority made sure that they passed the outcome of the meeting to local community members who were unable to attend the meeting. A high volume of community leaders did attend the meeting, too and were therefore able to pass the message on to their respective communities, women's groups and youth groups.

All international stakeholders are also invited to the stakeholder feedback round.

C.2. Summary of the comments received:

Participants List

Date and time: Monday 9th November 2015

Head Office of the Kayonza District, Kayonza District, Rwanda

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Kayanza LSC

09 November 2015

Participants list

N°	NAMES	POSITION	GENDER	SECTOR / CELL	CONTACT	SIGNATURE
1	BIZIMANA Claude	EISector	M	Rwinkwavu	078423755	[Signature]
2	NTIRINDIYA Genes	ASCC	M	Rwinkwavu	078423752	[Signature]
3	MURUNDIYA Emmanuel	Coord. Pw. 11	M	MURURANGE	0788867551	[Signature]
4	MURUNDIYA Genes	EIS cell	F	MURURANGE	0788872917	[Signature]
5	MURUNDIYA Genes	EIS cell	M	MWILI	0789006962	[Signature]
6	MURUNDIYA Genes	Sup/ASC	F	Kabwendo	0788653905	[Signature]
7	KONIGER Roshirindhu	EIS cell	M	Kabwendo	0789006999	[Signature]
8	MURUNDIYA Genes	ASCC	M	Kabwendo	0789006999	[Signature]
9	Buregeya Ferdinand	Sup/ASC	M	MURURANGE	0788923120	[Signature]
10	RUDASHEKHA Genes	Cell Coord	M	MURURANGE	0782523331	[Signature]
11	RUSIKARIRI Genes	SEAD cell	M	Kabwendo/Kabwendo	0789006999	[Signature]
12	MURUNDIYA Genes	ASCC	M	MURURANGE	0788923125	[Signature]
13	Buregeya Genes	ASCC	M	MURURANGE	0789006999	[Signature]
14	RANGIRA Genes	ASCC	M	Rwinkwavu	0782944474	[Signature]
15	NGARAMBE Genes	ASCC	M	MURURANGE	0788923125	[Signature]
16	MURUNDIYA Genes	Sup/ASC	M	Rwinkwavu	0788472069	[Signature]
17	SEKATUNGO Innocent	Coord. Pw. 11	M	MURURANGE	0788444115	[Signature]
18	Valentine MURUNDIYA	Coord. Pw. 11	F	MURURANGE	0788631839	[Signature]
19	NGARAMBE Genes	Cell Coord	M	MURURANGE	0788923125	[Signature]
20	MURUNDIYA Genes	EIS cell	F	MWILI	0788923128	[Signature]
21	RUBAZIRA Genes	EIS cell	M	MURURANGE	0789006995	[Signature]
22	SEBINERA Genes	EIS cell	M	MURURANGE	0789119659	[Signature]
23	SEMINEGA Genes	EIS cell	M	Rwinkwavu	0789119677	[Signature]
24	NGARAMBE Genes	EIS cell	M	Rwinkwavu	0789119651	[Signature]
25	MURUNDIYA Genes	EIS cell	F	Rwinkwavu	0789119653	[Signature]
26	MURUNDIYA Genes	EIS cell	F	MURURANGE	0785376631	[Signature]
27	RUBAZIRA Genes	EIS cell	M	MURURANGE	0788923125	[Signature]
28	MURUNDIYA Genes	EIS cell	M	Rwinkwavu	0789006999	[Signature]
29	CELESTIN Genes	Sup/ASC	M	Rwinkwavu	0788923125	[Signature]
30	MURUNDIYA Genes	Sup/ASC	M	Kabwendo	0788923125	[Signature]
31	RUBAZIRA Genes	Cell Coord	M	MURURANGE	0789006999	[Signature]
32	GASASIRA Justin	Coord. ASC	M	MURURANGE	0782923391	[Signature]

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33	NTAMAZIMWE J. Baptiste	Superviseur des ASC	M	Rumonge/Kayanza	078292559	
34	UWIMANA Jacques Léon	Superviseur des ASC	F	Rumonge/Kayanza	0783613469	
35	Muganyizi Vito Yemenda	Superviseur	F	Mukuranga/Kayanza	0782940181	
36	MUSABYIMANA Celestin	Superviseur	M	Mukuranga/Kayanza	0782923147	
37	HATYURURIRAKA F. S. B.	Superviseur	M	Mukuranga/Kayanza	0782922108	
38	NIZEYIMANA J. M. V.	Superviseur	M	Rumonge/Kayanza	078292555	
39	SEMANA Edouard	Superviseur ASC	M	Mukuranga/Kayanza	0782922163	
40	MURUNDI Yvonne N. B. Ali	ELS of Mukuranga	F	Nkondwa/Kayanza	078347389	
41	MUSABIMANA Yvonne	ELS of Mukuranga	M	Rumonge	0782926662	
42	Patrice de Rumonge	ELS of Mukuranga	M	Rumonge	0782922108	
43	MURUNDI Yvonne	ELS of Kayanza	F	Rumonge/Kayanza	0782922108	
44	BIGIRUMANA Claude	ELS of Mukuranga	M	Rumonge	0782922108	
45	KARANGA Yvonne	Superviseur	M	Rumonge/Kayanza	0782922108	
46	RUKWABO J. J. J.	Superviseur	M	Koko/Cyabamba	0782922108	
47	MUKAMANA Dorelle	Coordonnatrice ASC	F	Koko/Cyabamba	0782922108	
48	MURUNDI Yvonne	Superviseur	M	Rumonge/Kayanza	0782922108	
49	MURUNDI Yvonne	Coordonnatrice ASC	M	Mukuranga/Kayanza	0782922108	
50	MURUNDI Yvonne	Coordonnatrice ASC	M	Mukuranga/Kayanza	0782922108	
51	MURUNDI Yvonne	Superviseur	F	Mukuranga	0782922108	
52	MURUNDI Yvonne	Murundi ELS	M	Murundi	0782922108	
53	GISA Shukila	Kabamba	F	Switzerland	0782922108	
54	MURUNDI Yvonne	ELS of Mukuranga	F	Kabamba	0782922108	
55	KABERA Sana	ELS of Mukuranga	F	MURUNDI	0782922108	
56	LUYISANGE Edouard	ELS of Mukuranga	M	Mukuranga	0782922108	
57	MURUNDI Yvonne	ELS of Mukuranga	M	Mukuranga	0782922108	
58	Sikubwaho Benoit	Vice Mayor CO	M	Switzerland	0782922108	
59	Aloys ZWAZWAZA	REL	M	—	0782922108	
60	NIWENSHU Emmanuel	Head of Office	M	WASA-C	0782922108	
61	KARANGA Yvonne	Superviseur	M	Mukuranga	0782922108	
62	MURUNDI Yvonne	R.P.C.	F	FAPR/Rebel	0782922108	
63	KARANGA Yvonne	FAPR	M	—	0782922108	
64						
65						

The meeting was well attended with good representation from each Sector in the Kayanza District.

Overall, the meeting was very successful, with stakeholders actively engaging with the project and participating in discussions and the question and answer session. The stakeholders said that they found the meeting useful and informative, and the majority of feedback concerning the project was positive.

A large percentage of positive comments concerned the improvement in access to safe water, which is a big issue in the area.

Most of the stakeholders giving feedback stated that the project was much needed and improving safe water access is appreciated. Of the negative comments received, the respondents wanted to also have new boreholes installed in addition to the renovation of dysfunctional ones.

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C.3. Report on how due account was taken of any comments received and on measures taken to address concerns raised:

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
- What kind of boreholes will be repaired because in the district there are the most old and the new ones all damaged?	Yes	- The project developers aim to repair those boreholes which serve the highest number of people which do not have access to clean water. The age of the broken borehole is not a factor in the selection process.
- Is it possible to create the new boreholes because within some cells where we do not find any source of safe water?	Yes	- The project concerns only the reparation but in the future the project developers will review together with stakeholder what is possible in areas where no other means exists to obtain safe drinking water.
- co2balance would be able to use solar power pumps for boreholes because the hand pumps are destroyed in a short time?	Yes	- In Rwanda the project developers aim to repair boreholes already existing and currently do not plan to use the solar pumps. In-country partner Rwandans4Water will hold sensitization training to borehole users on the correct hand pump use to make sure that the boreholes are functional and

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		provide safe water without interruption
- In case some boreholes give salty water after rehabilitation what shall we do?	Yes	- Before to permit people to use water from a borehole, water is checked in the laboratory and if the results confirm a problem with the salinity of the water, the project developers will make the necessary steps.

There were no major environmental or other concerns raised during the stakeholder consultation process, therefore the project design will not be changed as it is not necessary to incorporate any additional measure to limit or avoid negative environmental/social impacts.

The stakeholders were very receptive and expressed the need for assistance with safe water in the District.

Overall, the project is perceived to be positive in terms of the three categories of sustainable development; environmental, economic and social.

C.4. Report on the Continuous input mechanism selection:

The continuous input mechanism will be carried out via a number of different channels to ensure communication between beneficiaries and co2balance is achieved in the best possible manor. The table provides a description of each feedback mechanism:

	Method Chosen (include all known details e.g. location of book, phone, number, identity of mediator)	Justification
Continuous Input / Grievance Expression Process Book	The communication between the beneficiaries and project developers will be possible through a register book put on the office of each cell and people wrote all comments concern the project. Also a small book 'I'll be kept in each village in which the users 'I'll write all comments and then the CPO of the cell will gather the comments to write them in the big book of the cell.	This was unanimously agreed by participants, as it is the most practical way and will provide easy access to the boreholes users.
Telephone access	The following phone numbers was provided by the project developers to be used by the stakeholders to give feedback and will be operating at all times during the day. The phone numbers belong to the in-country	Widely accessible Relatively cheap Can be used by people who are

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	project partners and are all local numbers. 0789786375 / 0784077967 / 0726144289	illiterate
Internet/email access	The following links will be also used for any inquiry or comment on the project rwanda@co2balance.com read by Eszter, the project manager ibnsabimana@gmail.com read by Jean Baptiste Nsabimana, the Rwanda Projects Consultant johann.thaler@goldstandard.org Read by Mr. Johann Thaler, Gold Standard Africa Regional Manager info@goldstandard.org Gold Standard general info email address	Although there is scarcity of internet access, some government offices have computers and internet access; however, there is high internet illiteracy at the village level and extremely low availability of internet services. Hence this option was less preferred.

C.5. Report on stakeholder consultation feedback round:

The project documentation will be made available as part of the Stakeholder Feedback Round (SFR) for the Kayonza Boreholes VPAs.

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Annex 1

CONTACT INFORMATION ON ENTITY/INDIVIDUAL RESPONSIBLE FOR THE MICRO--SCALE VPA

Organization:	co2balance UK Ltd
Street/P.O.Box:	Cook Way
Building:	1 Discovery House
City:	Taunton
State/Region:	Somerset
Postfix/ZIP:	TA2 6BJ
Country:	UK
Telephone:	+44(0) 1823 332233
FAX:	
E-Mail:	Eszter.hegyi@co2balance.com
URL:	
Represented by:	Ezster Hegyi
Title:	Project Manager
Salutation:	Ms
Last Name:	Hegyi
Middle Name:	
First Name:	
Department:	Carbon Projects
Mobile:	-
Direct FAX:	-
Direct tel:	+44(0) 1823 332233
Personal E-Mail:	ezster.hegyi@co2balance.com

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Annex 2

INFORMATION REGARDING PUBLIC FUNDING



OFFICIAL DEVELOPMENT ASSISTANCE DECLARATION

Date: 10/03/2014

The Gold Standard Foundation
79 Avenue Louis Casai
Geneva Cointrin, CH-1216
Switzerland

RE: Declaration of Non-Use of Official Development Assistance by Project Owner of GS1247

As Project Owner of the above-referenced project, and acting on behalf of all Project Participants, I now make the following representations:

I. The Gold Standard Documentation

I am familiar with the provisions of The Gold Standard Documentation relevant to Official Development Assistance (ODA). I understand that the above-referenced project is not eligible for Gold Standard registration if the project receives or benefits from Official Development Assistance with the condition that some, or all, of the carbon credits [CERs, ERUs, or VERs] coming out of the project are transferred to the ODA donor country. I hereby expressly declare that no financing provided in connection with the above-referenced project has come from or will come from ODA that has been or will be provided under the condition, whether express or implied, that any or all of the carbon credits issued as a result of the project's operation will be transferred directly or indirectly to the country of origin of the ODA.

II. Duty to Notify Upon Discovery

If I learn or if I am given any reason to believe at any stage of project design or implementation that ODA has been used to support the development or implementation of the project, or that an entity providing ODA to the host country may at some point in the future benefit directly or indirectly from the carbon credits generated from the project as a condition of investment, I will notify The Gold Standard immediately using the Amended ODA Declaration Form provided below.

III. Investigation

The Gold Standard reserves the right to conduct an investigation into any project it reasonably believes may be receiving ODA with the condition that some or all of the carbon credits from the project will be transferred to the ODA donor country.

IV. Sanctions

I am fully aware that the sanctions identified in The Gold Standard Terms and Conditions may be applied to me or the above-referenced project in the event that any of the information provided above is false or I fail to notify The Gold Standard of any changes to ODA in a timely manner.

I swear that all of the statements contained herein are true to the best of my knowledge.

Signed: 
Name: Suzanne Longworth
Title: Director
On behalf of: co2balance
Place: Taunton, UK