

TITLE OF THE MICRO-PROGRAMME: _GS1247 – Improved Kitchen Regimes Multi Country PoA

ANNEX AO – 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:

GS4422 VPA 45 in GS1247 Eritrean District Boreholes

25/09/2015

Version 1.2

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

The Micro-Scale Voluntary Project Activity 45 Eritrean District Boreholes Project is eligible under the Gold Standard methodology Technologies and Practices to Displace Decentralized Thermal Energy Consumption Version 1. The projects will support the provision of safe water using borehole technology to hundreds of households within the mentioned Zoba Maekel 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 shall be a reduction of carbon dioxide emissions from the combustion process.

The Zoba Maekel District is a largely rural district where 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 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 CO2balance will work with community groups in Zoba Maekel, Eritrea to identify broken down boreholes and renovate them so that they deliver clean, safe water and breakdowns are fixed rapidly. The boreholes included under the project will be entirely human operated and will be fitted with hand pump models that are commonly used in the area such as India Mark II pumps. The depth of the boreholes will be limited to 100m or less.

The number of boreholes per VPA will be limited by the amount of pure water supplied by each unit; based on ex ante calculations, the maximum number of boreholes that can be rehabilitated in one VPA to achieve 10,000 tCO₂e is approximately 10, however, the exact number will be determined once actual survey data has been collected. CO2balance will rehabilitate and deliver the maintenance programme for at least 10 boreholes to 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 seven years.

CO2balance gets 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 CO2balance 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

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2. Rehabilitate the boreholes into full working order, commencing the crediting of the project activity.
3. Deliver annual maintenance programme to ensure that the water supplied by each borehole is pure and that the borehole remains in full working order for the length of the crediting period.

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 the validation and verification.

Contribution to Sustainable Development

The Micro-Scale Voluntary Project Activity 45 Eritrean District Boreholes Project contributes to the sustainable development of the project area 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

- 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.

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, allowing more money to be spent on food, health care, education etc.

The project will deliver long-term, secure and simple contributions to sustainable development of the project area which, without carbon finance, would not exist.

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

co2balance UK Ltd is the Co-ordinating/Managing Entity which communicates with Gold Standard; the project is managed in the Host Country by Vita

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

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

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

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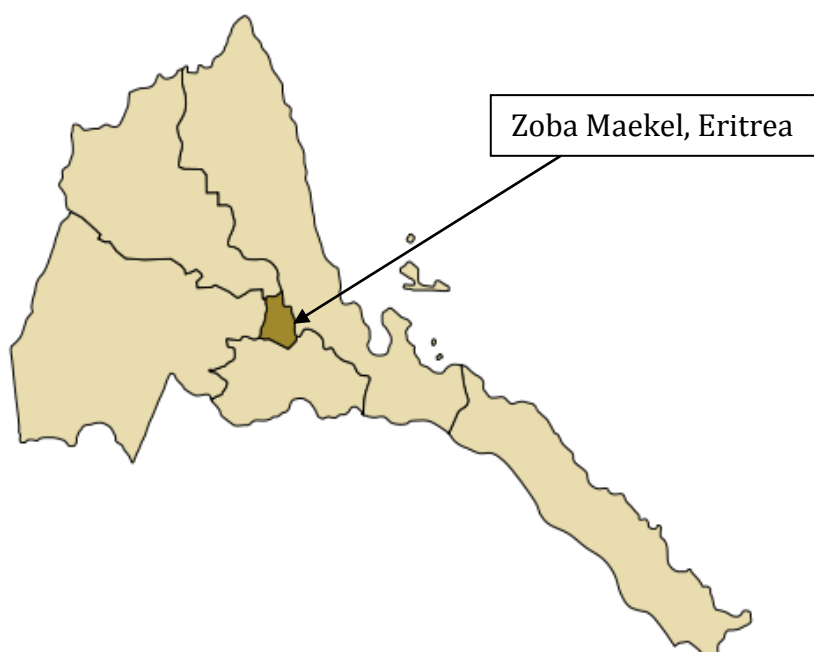
GS1247 VPA 45 Eritrean District Boreholes

A.4.1.1. Host Party:

State of Eritrea

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

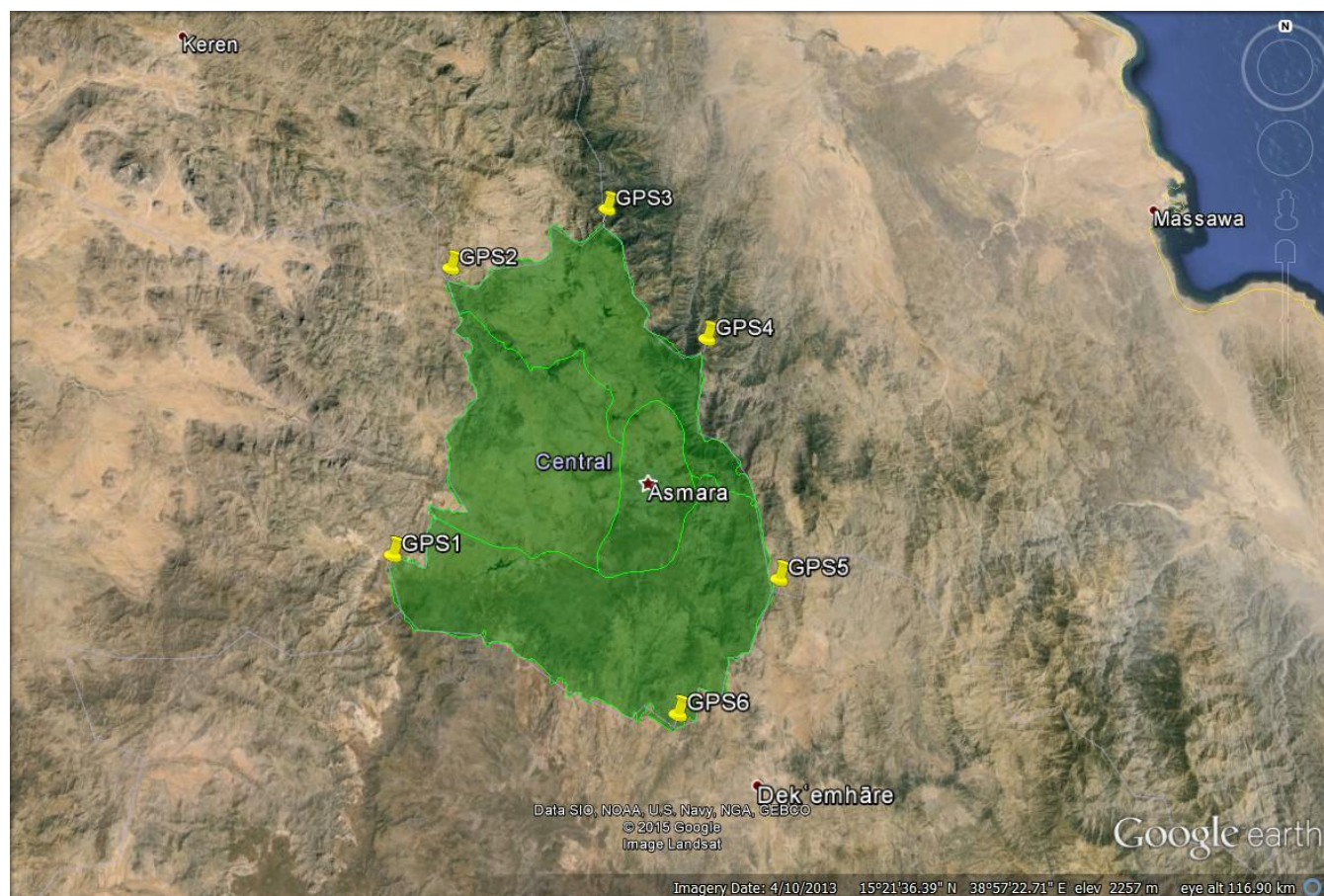
Below are details of the physical location to allow unique identification of the Micro-Scale Voluntary Project Activity 45 Eritrean District Boreholes Project. The district is marked in green on the Google Earth image. The target area and the fuel collection area are defined as being contained within project boundary, with the outer limits of the project boundary being clearly defined below, as the three green regions on this Google Earth file. As the majority of beneficiaries collect their wood fuel locally in close proximity to their homesteads, the woodfuel collection area and target area are considered the same.



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Project Area Coordinates		
	Latitude	Longitude
GPS1	15.254170°	38.691966°
GPS2	15.526661°	38.734285°
GPS3	15.458455°	38.985377°
GPS4	15.586939°	38.886742°
GPS5	15.233786°	39.051299°
GPS6	15.115250°	38.957312°

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

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

31/10/2015

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

7 Years

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

Renewable crediting period

A.4.3.1. Starting date of the crediting period:

01/11/2015

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

7 years renewable

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

Year	Annual estimation of emission reduction of tCO ₂ -e
	10,000
	10,000
	10,000
	10,000
	10,000
	10,000
	10,000
	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 public or ODA funding for this project activity, all revenue for the project will be derived from the sales of VERs. 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 B. Eligibility of micro--scale VPA and Estimation of emissions reductions**

SECTION B. Eligibility of micro--scale VPA and Estimation of emissions reductions

B.1. Title and reference of the Registered PoA to which micro--scale VPA is added; title of baseline and monitoring methodology applicable to the VPA:

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B.2. Justification of why the micro--scale VPA is eligible to be included in the Registered PoA:

B.3. Assessment and demonstration of additionality of the micro--scale VPA:

>> *(Please complete only the section applicable to the micro-scale activity below)*

B.3.1 Description of how the anthropogenic emissions of GHG by sources are reduced as per the eligibility criteria defined in the registered micro-programme *(when Additionality is demonstrated at the micro- programme level)*:

B.3.2 Description of how the anthropogenic emissions of GHG by sources are reduced below those that would have occurred in the absence of the registered micro-scale project activity *(when Additionality is demonstrated at the activity level)*:

B.4. Description of the sources and gases included in the project boundary and proof that the micro--scale VPA is located within the geographical boundary of the registered PoA.

B.5. Emission reductions:

B.5.1. Data and parameters that are available at validation:

>> *(Copy the table for each parameter)*

B.5.3. Summary of the ex-ante estimation of emission reductions:

B.6. Application of the monitoring methodology and description of the monitoring plan:

>>

B.6.1. Description of the monitoring plan:

SECTION C. Stakeholders' comments

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

There was a local stakeholder workshop for the repairing of the water boreholes in July 12, 2015 in Zoba Maekel's hall. In the meeting 140 participants were present which included:

- Sub-zoba(district) administrators
- Village administrators
- Representatives of the WASH committee
- Representative elders
- Community service providers like the technicians
- Experts from water source departments
- Members of the community
- Vita representatives



Picture 1: The meeting was attended by 140 participants

The LSC meeting was designed to cover multiple VPAs in the Zoba Maekel 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 boreholes is the same or is sufficiently similar within these VPAs.
- All VPAs covered by this stakeholder consultation must be implemented in the same geographic area, Zoba Maekel District, Eritrea.
- The start date of implementation for all the VPAs is within a time-frame of 2 or 3 years.

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Compliance with the above criteria will be demonstrated for each of the VPAs covered by the group LSC. This VPA complies with the group LSC approach.

The objective of this public meeting was to clarify the modalities of project implementation, to take into account concerns and recommendations of the stakeholders and finally to discuss the potential environmental and social impacts of the project in the area.

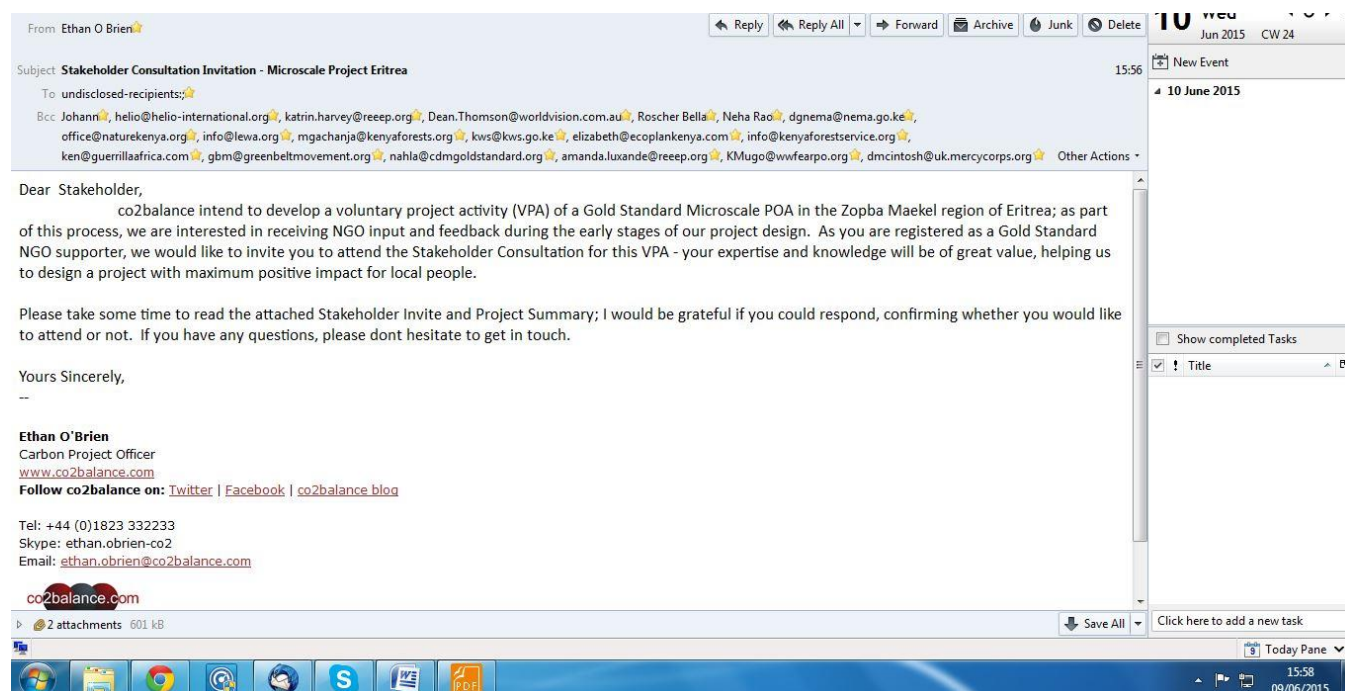


Picture 2: Stakeholders were encouraged to ask question about the projects

Current regulations in the country do not permit the use of TV/Radio/Megaphone advertisement to invite people to public meetings in Eritrea therefore participants could be invited only through the Sub-Zoba Administration. As there are complexities involved in issuing formal letters in Eritrea, the local stakeholder meeting communicated as a personal invitation through the local Administration according to Eritrean regulations. As 140 participants took part in the LSC it is evidence that the local stakeholder consultation succeeded in reaching the local stakeholders.

International NGOs with a presence in the area were also invited by email. Invitation letter to International Stakeholders:

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A 'tracking list' of invitations has been established for the stakeholder meeting to ensure that invitations are monitored and logged for responses.

Category	Organisation	Name of Invitee	Method	Date sent	Confirm
C	Ministry of Land, Water & Environment	Mogos Woldeyohannes Bairu	Email & letter	09/06/2015	No
C	Ministry of Land, Water & Environment	Mihreteab Michael	Letter	12/06/2015	Yes
C	Agriculture and Land Department	Yemane Abbay	Letter	12/06/2015	Yes
C	Water Resource Department	Bereket Musazghi	Letter	12/Jun	Yes
C	Water Resource Department	Tesfamichael Berhane	Letter	12/Jun	Yes
E	Gold Standard	Johann Franz Thaler	Email	09/06/2015	No
E	Gold Standard	Sriskandh Subramanian	Email	09/06/2015	No
F	WWF Eastern Africa Regional Programme Office (EARPO),	Kimunya Mugo	Email	09/06/2015	No
F	WWF International	Bella Roscher	Email	09/06/2015	No
F	Mercy Corps, European Headquarters	Jim Jarvie	Email	09/06/2015	No
F	REEEP	Katrin Harvey	Email	09/06/2015	No
F	HELIO International	Helene O'Connor-Lajambe	Email	09/06/2015	No
F	HELIO International	Laura Williamson	Email	09/06/2015	No
F	Action Carbone (Good Planet Foundation)	Nitin Pagare	Email	09/06/2015	No
F	Greenpeace Africa	Rianne Teule	Email	09/06/2015	No

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F	Renewable Energy & Energy Efficiency Institute	Kudakwashe Ndhlukula	Email	09/06/2015	No
F	SouthSouthNorth	Stefan Raubenheimer	Email	09/06/2015	No
F	Zero: Regional Environment Organisation	Johannes Chigwada	Email	09/06/2015	No
F	Gold Standard	Johann Franz Thaler	Email	09/06/2015	No
F	World Vision Australia	Dr. Dean C Thomson	Email	09/06/2015	No
B	Subzoba Serejeka	Tesfu Fissehatsion	Letter	12/Jun	Yes
B	Subzoba Galanefhi	Mehari Yohanness	Letter	12/Jun	Yes
B	Subzoba Berik	Keleta Weldessilassie	Letter	12/Jun	Yes
B	Subzoba Galanefhi-PFDJ	Eyob Gherezghiher	Letter	12/Jun	Yes
D	Himbirti National Union for Eritrean Women	Tseghereda Fissehaie	Letter	12/Jun	Yes
D	Serejeka National Union for Eritrean Women	Azeb Bokretsion	Letter	12/Jun	Yes

A non-technical summary was sent to international NGOs and is included below. Due to Eritrean regulations, prohibiting the distribution of leaflets, it was not possible to supply local stakeholders with the summary however at all times co2balance and Vita ensured that local stakeholders were fully informed of details of the project and the LSC.

Project Summary: Safe Water In Zoba Maekel, Eritrea

Zoba Maekel in central Eritrea is a semi-rural district in which local people must use wood fuel 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 clean water desired by households.

Many existing boreholes have fallen into disrepair because maintenance programmes have been poorly managed, or proven too expensive. In this project co2balance and Vita, an Irish Charity that works in Eritrea, will renovate broken boreholes so that they deliver clean, safe water. The project 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 seven years.

The project gets 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 potential emissions reductions over to Vita in return for them supplying the work and materials to renovate and maintain 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.

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Technology

The vast majority of pumps to be fixed are India Type II pump as shown below



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
- Increase Community familiarity with planned preventative maintenance of boreholes

C.2. Summary of the comments received:

The meeting started at 9:00 am and closed at 1:30 pm. The agenda of the meeting was to:

- Provide a brief introduction about the project
- Explanation of the project
 - Maintenance programme
 - Monitoring programme/grievance feedback
 - Community/environment benefits
- Get stakeholders feedback- their concerns and opinions

Minutes for the meeting were recorded and are included below:

There was a local stakeholder workshop for the repairing of the water boreholes on July 12, 2015 in Zoba Maekel's hall.

Mr. Yemane Abbai, the Director General of Agriculture and Land in Zoba Maekel opened the meeting by saying that the hand pumps are playing an important role for supplying drinking water particularly in rural areas. He

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added that even though the provision of potable water has been secured in most administrative areas from water sources using hand pumps, some villages and administrative areas don't have reliable supply of water as the hand pumps are broken. He further stated that one of the great challenges that they facing is the continuous out function of the hand pumps.

Moreover, he expressed that a support is going to be made by Vita with a view to ensuring sustainable repairing of broken hand pumps for the communities of the central region. He also said that Vita is a pertinent partner to enhance and promote the rehabilitation of boreholes.

He also stated that active communal participation has to be witnessed in the undertakings, and need to supervise on the careful use of the boreholes.

Following this Mr. Iyassu, Vita Liaison Officer, briefed them on the objective of the project which is to repair the broken hand pumps and ensure that each village gets access to water with the fund received from Gold Standard. He further stated that such support attests to the commitment towards raising the readiness to improve the livelihood of the community.

He also briefed them that Vita in collaboration with technical experts of Zoba Maekel has identified the broken hand pumps of the different villages. He then informed them that the main Agenda for the meeting was to get their feedback or opinions on the advantages and taking responsibility of the broken hand pumps.

The feedback of the participants was as follows:

- All the participants pointed out that it is great and well-timed project to repair the hand pumps.
- The experts explained in detail that some of the problems for breaking the hand pumps are the mismanagement of the community and not having a guard to look after the boreholes.
- The head of the operations and maintenance department of the water source department said that water is life and cannot live without it. Thus, he reminded the villagers to carefully use it and especially advice their children on how to use it with care. He also added that they need to fix a programme and hire a guard who is responsible for the hand pump. He further mentioned that the Indian Mark II are proven to be the best hand pumps in the country, which they have the capacity to suck water from 60 MTS depth.
- The head of finance and administration of the water supply within the water source dept. said that as there is scarcity of water and the community should use it carefully. In addition, he suggested that there is a need to contribute money for repairing of the bore holes whenever they are broken so that the community will continuously get water from the pumps. He further said that it is only through this mechanism that they can ensure the sustainability of the hand pumps. So he urged to all the village administrators and WASH committee to work together to properly look after the hand pumps.
- One of the technical people said that it will be good if the hand pumps are maintained regularly and he stated that the community has to be aware on the careful use of the boreholes.
- Representatives of the WASH committee said that even though they try to repair the pumps the challenge they phase is getting the spare parts.
- Representative of the women's association said that it is hard for the women and the children to fetch unclean water that needs boiling. She stressed on the importance of water and expressed her happiness of the project.
- The water expert said that if there could be a plan to organize a training course for the members of communal water committees with a view to promoting effectiveness of water management.

At last Mr. Yemane Abbay said that all the administrative offices, committees and members of the communities have to support and provide supervision on careful management of the hand pumps.

In addition Mr. Iyassu thanked the participants for their constructive opinions and assured them that effort will be done to include their concerns in the project.

Generally, as plans have been charted out to repair the broken hand pumps participants were very pleased with the project believing that it would impact all social services within this respective zoba positively.

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After the stakeholders meeting, on July 17 we contacted the three district administrators and the Department of Agriculture and Land. We informed each district to select four representative participants of the meeting to fill an evaluation paper. Then we collected the papers on 24th of July. The evaluation papers are compiled as additional individual opinions and comments from stakeholders which as listed below.

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List of Participants of the Local Stakeholder Consultation

Date and time: July 12, 2015

Location: Zoba Maekel, Hall

Category Code.	Name of participant	Gender	Job/Position in the community	Organisation (if relevant)/Region	Contact details
B	Yemane Abbay	Male	Director General	Agriculture and Land Dept.	Asmara, 07133121
B	Russom Teklemariam	Male	Head of Operation and Maintenance	Ministry of Land, Water and Environment	Asmara, 07204243
B	Bereket Musasghi	Male	Head of Finance and Administration	Water Source Dept.	Asmara, 07152347
A	Zekarias Habte	Male	Chairman Water Supply	Serejeka	Ghermi, 07184448
A	Petros Ande	Male	Administrator of Subzoba	Serejeka	Ghermi 07242676
A	Amlesom Yemane	Male	Technician	Serejeka	Ghermi 07287863
A	Tesfamariam Mebrahtu	Male	Administrator	Galaneffi	Himbirti 07117230
A	Biemenet Kifleyesus	Male	Motor Technician	Berik	Adishemaghile 07170750
A	Manna Mebrahtu	Female	Representative of WASH Committee	Galaneffi	Mesghad 07127274
A	Andemichael Weldu	Male	Chairman of Water Supply	Galaneffi	Adihakafe 07226090
A	Abdelkerim Abduzemet	Male	Technician	Galaneffi	Adihakafe 07332791
A	Michael Zekarias	Male	Committee of Water Supply	Galaneffi	Adineger 07219878
A	Abrha Zere	Male	Village Administrator	Galaneffi	Lagen
A	Tesfalem Uqubai	Male	Administrator of Adihamushte	Galaneffi	Adihamushte 07296230
A	Tsehay Beyen	Male	Admin of the Environment	Serejeka	Shimanugus Lailai 07475717
A	Mussie Russom	Male	Elder's Representative	Serejeka	Shimanugus Lailai 07148186
A	Askalu Embaye	Female	Chairman of Water Supply	Serejeka	Shimanugus Lailai 07180374

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A	Amanuel Tesfazghi	Male	WASH Committee	Serejeka	Dekipetros 07318192
A	Niamin Tesfazghi	Female	Administrator of Adi Jin	Serejeka	Adijin 07440769
A	Habtab Semere	Male	Chairman of Water Supply	Serejeka	Tsehaflam
D	Tsegghereda Fissehay	Female	Representative of N.U.E.W	N.U.E.W in Serejeka	Adijin 07264274
A	Misghana Issak	Female	Controller of Water Supply	Serejeka	Tsehaflam
A	Tekleberhane Tsegay	Male	Technician	Serejeka	Tsehaflam
A	Teklehaimanot Tsefamariam	Male	Administrator of Konduba	Serejeka	Konduba 07271243
A	Kiflezghi Kifleamariam	Male	Head of Economic development	Berik	Tsadakristian 07173124
A	Mehari Yohanness	Male	Administrator	Galaneffi	Adiguadad 07302933
A	Tesfit Tekle	Male	Administrator of Adirada	Galaneffi	Adirada 07421348
A	Hewan Issak	Female	WASH Committee	Galaneffi	Adilamza
A	Alem Selekiyan	Female	Cashier	Galaneffi	Adilamza
A	Yemane Ghebremariam	Male	Subzoba Consultant	Galaneffi	Himbirti
A	Tesfai Tesfazghi	Male	Chairman of Water Supply	Galaneffi	Himbirti
A	Andemariam Tekle	Male	WASH Committee	Galaneffi	Himbirti 07190711
A	Fitsum Fissehay	Male	Chairman of Water Supply	Serejeka	Kuwatsion 07305470
A	Ghirmay Kibrom	Male	Technician	Serejeka	Kuwatsion 07224043
A	Semere Tekle	Male	Administrator	Serejeka	Kuwatsion 07143997
A	Tesfagharghish Kidane	Male	Chairman of Water Supply	Beleza	Beleza 07113982
A	Eyob Gherezghiher	Male	P.F.D.J	Galaneffi	Azena
A	Melake Hailab	Male	Administrator of Guritat	Serejeka	Guritat 07486165
A	Nebiat Ghezae	Female	Committee of Water and Development	Serejeka	Shemangus tahtai0748606 6
A	Fitsum Mussie	Male	Head of Economic Development	Serejeka	Shemangus tahtai0737895 0
A	Abrham Kahsu	Male	Administer of Defer	Serejeka	Defer

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					07519664
A	Haderai Tewelde	Male	Economic Developer	Serejeka	Defer 07264960
A	Efrem Fissehaye	Male	Committee of Water Supply	Serejeka	Afdeyu 07284810
A	Michael Debessay	Male	Administrator of Gheshinashim	Serejeka	Gheshinashim 07247395
A	Kibrom Hailom	Male	Administrator of Afdeyu	Serejeka	Afdeyu 07361073
A	Teweldeberhan Teklemariam	Male	Representative of WASH Committee	Serejeka	Afdeyu 07332446
A	Kibrom Melake	Male	Committee of Development	Serejeka	Mekerka 07402103
A	Efrem Ghile	Male	Administrator of Mekerka	Serejeka	Mekerka 07353816
A	Keshi Abrham Semere	Male	Technician	Serejeka	Adianguda 07131148
A	Melake Ghebremedhin	Male	Chairman of Water Supply	Serejeka	Adianguda 07496343
A	Ghebreab Afwerki	Male	Village Manager	Berik	Tsadachristian 07117496
A	Berhane Kifle	Male	Finance Manager	Serejeka	Serejeka 07270011
A	Semere Tekletsion	Male	Village Manager	Galane fhi	Adihakefa 07353852
A	Tsehay Weldesellassie	Male	Village Manager	Berik	Adimerawi 07359966
A	Berhane Teklom	Male	Village Manager	Berik	Wekidiba 07157949
A	Meles Weldesellasse	Male	Representative of WASH Committee	Berik	Adimussa
A	Kibrab Uqubay	Male	Village Manager	Berik	Adimussa 07234261
A	Tsegay Tikue	Male	Chairman of Water Supply	Berik	Adimussa
A	Beyn Tesfay	Male	Village Manager	Galane fhi	Adilamza 07308486
A	Daniel Uqubamichael	Male	Chairman of Development	Galane fhi	Adilamza 07151757
A	Abrhatsion Fissehaye	Female	Village Administrator	Galane fhi	Adilamza 07304546
A	Freweini Berhane	Female	Village Administrator	Galane fhi	Merhano 07211852
A	Freweini Amare	Female	Village Administrator	Galane fhi	Adik'

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					07524945
A	Misghina Anday	Male	Village Administrator	Serejeka	Weki 07179894
A	Mebrahtu Ghebremichael	Male	Village Manager	Serejeka	Haylom 07204463
A	Selemawit Ghebrehiwet	Female	Village Manager	Serejeka	Tearish
A	Berhane Ghebreyonas	Male	Chairman	Berik	Adikuntsi 07252074
A	Teweldemedhin Zerezghi	Male	Village Administrator	Berik	Adikuntsi 07318169
A	Mebrhatu Teklia	Male	Village Administrator	Galaneffi	Saladaero 07208614
A	Tesfaldet Gherezghiher	Male	Village Administrator	Berik	Medreze
A	Keleta Weldessilassie	Male	Administrator	Berik	Ametsi 07286064
A	Mehari Gheremariam	Male	Representative of the elders	Galaneffi	Aditembolo 07142652
A	Habtemariam Tesfamariam	Male	Technician	Galaneffi	Aditembolo 07179408
A	Berhane Tella	Male	Chairman of Water Supply	Galaneffi	Adik'0820231 2
A	Tesfa Haile	Male	Administrator	Serejeka	Zaghir 07167786
A	Abrham Tekie	Male	WASH Committee	Serejeka	Zaghir 07314304
A	Tekleberhan Weldeab	Male	Technician	Serejeka	Zaghir 07185431
A	Idris Mohammed Adem	Male	P.F.D.J	Galaneffi	Adimealum
A	Mahmud Omer Salih	Male	Administrator	Galaneffi	Tredishitema mo
A	Ghirmay Sibhatab	Male	Chairman of the WASH Committee	Serejeka	Kondoba 07519865
A	Yemane Eyob	Male	Village Administrator	Galaneffi	Kitmewlie 07231370
A	Abdelkadir Hamid	Male	Chairman of the WASH Committee	Serejeka	Hayelo 07412715
A	Mohammed Berhe	Male	Village Manager	Serejeka	Guritat 07391528
B	Haj Siraj	Male	Representative of the MoA	Ministry of Agriculture in Serejeka	Guritat 07456869

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A	Temesghen Yohanness	Male	Technician	Serejeka	Adijin 07267063
A	Haile Andemichael	Male	Controller of Water Supply	Serejeka	Weki
A	Amine Mihtsintu	Male	Representative of the WASH Committee	Serejeka	Weki 07186911
A	Tesfamichael Yohanness	Male	Administrator	Berik	Tsadaemba 07286312
A	Zeremariam Solomun	Male	Administrator	Serejeka	Shemangustah tay 07201067
A	Mohammed Adem	Male	Committee of Water Supply	Serejeka	Teerek 07328092
A	Keshi Mussie Tsefalem	Male	Administrator	Serejeka	Dekiseb 07222920
A	Ghidey Tsegay	Male	Village Manager	Serejeka	Unanalay 07392663
A	Adem Hassen	Male	Village Administrator	Galaneffi	Arberebuy 07200201
A	Keshi Habtom Tsefamichael	Male	Village Administrator	Serejeka	Embaderho 07277294
A	Yacob Yosief	Male	Village Manager	Serejeka	Embaderho 07249588
A	Mussie Eyob	Male	Administrator	Serejeka	Taerish 07205406
A	Habtu Tsefamariam	Male	Technician	Galaneffi	Atsena
A	Wudase Werede	Male	Committee of Water Supply	Serejeka	Adideferay 07532896
A	Ezra Werede	Male	Chairman	Serejeka	Azen 07481998
A	Berhane Rezene	Male	Village Manager	Serejeka	Mesefento 07397561
A	Melake Tsefatsion	Male	Representative of the WASH Committee	Serejeka	Adikolom
A	Tsefalem Menghisteb	Male	Administrator	Berik	Adishemagile 07226206
A	Mihreteab Ghebremedhin	Male	Committee of Water Supply	Berik	Adishemagile 07305918
A	Belay Berhane	Male	Village Manager	Berik	Tsezega 07113291
A	Uqubagherghish Fissehatsion	Male	Chairman of the Committee	Berik	Tsezega 07362254
A	Tesfu Fissehatsion	Male	Administrator	Serejeka	Serejeka 07185083

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A	Tsegay Zerai	Male	Village Manager	Serejeka	Adisheka 07381804
A	Zecarias Sereke	Male	Chairman	Galaneffi	Tselot 07119257
A	Yohanness Habtemariam	Male	Representative of the Community	Galaneffi	Tselot 07238489
A	Andom Tekeste	Male	Representative of the WASH Committee	Serejeka	Ghashinashim
A	Berhane Sium	Male	Motor Repairer	Berik	Adighebru 07203650
A	Efrem Teklay	Male	Elder 's Representative	Galaneffi	Tselot 07433634
A	Kefele Debas	Male	Village Administrator	Galaneffi	Tsenaf 07364601
A	Azeb Bokretsion	Female	Representative of N.U.E.W	Serejeka	Gashenashim
A	Bereket Haile	Male	Village Manager	Berik	Adighebru 07138082
A	Bereket Misghina	Male	Farmer	Berik	Aditeklay
A	Misghina Kesete	Male	Technician	Berik	Aditeklay 07144639
A	Tesfom Haile	Male	Village Manager	Berik	Aditeklay 07287586
A	Sara Ghilagabir	Female	Committee of the Water Supply	Serejeka	Azen 07519657
A	Tesfay Haile	Male	Chairman	Serejeka	Adikolom 07225399
A	Amanuel Berhe	Male	WASH Committee	Galaneffi	Adikeshi 07156886
A	Meles Iyob	Male	Technician	Berik	Tseazega 07403248
A	Andemariam Ghebrat	Male	Village Administrator	Galaneffi	Zigib 07291688
A	Habte Uqubagherghish	Male	Committee of Water Supply	Galaneffi	Zigib 07136398
A	Michael Issak	Male	Supervisor	Serejeka	Beleza 07306818
A	Tebereh Yohanness	Female	Village Administrator	Serejeka	Beleza 07284387
A	Fissehaye Yohanness	Male	Village Administrator	Berik	Wekidiba 07420068
A	Ghebrekristos Debesai	Male	Head of Development Sector	Galaneffi	Adihawesha
A	Isaias Afewerki	Male	Village Administrator	Galaneffi	Adihawesha

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					07226210
A	Abeba Berhane	Female	Village Manager	Berik	Tsadachristian 07208182
A	Ghebreyesus Debasay	Male	Technician	Serejeka	Unalailai 07297298
A	Seare Haderazghi	Male	Village Manager	Serejeka	Adigundi 07217222
A	Ghebremichael Uqubay	Male	Village Administrator	Serejeka	Adikolom 07345992
A	Simon Tekle	Male	Operator	Serejeka	Adikolom 07291066
B	Tesfamichael Berhane	Male	Water Expert	Agriculture and Land Dept.	Asmara,07141 288
B	Kibra Beyene	Female	Member	Zoba Maekel Water Dept.	Asmara, 124333
B	Ruta Ghebreab	Female	Member	Zoba Maekel Water Dept.	Asmara, 124333
D	Iyassu Ghebrerufael	Male	Liaison Officer	Vita	Asmara,12210 3
D	Yohana Habte	Female	Vita Representative	Vita	Asmara,12210 3
D	Wenghelawit Asrat	Female	Vita Representative	Vita	Asmara,12210 3

20 of the participants were women in the meeting, indicating a 1:6 gender ratio. Overall, the meeting was very successful, with stakeholders actively engaging with the project and participating in discussions. The stakeholders said that they found the meeting useful and informative, and the feedback concerning the project was positive.

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

Evaluation of the Participants

	Name	Tesfamichael Berhane
1	What is your impression of the meeting?	It is perfect project.
2	What do you like about the borehole project?	People will get access to clean water.
3	What do you not like about the borehole project?	Nothing
4	Any other comments?	There has to be health awareness on the use of

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		boreholes.
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	Name	Russom Teklemariam
1	What is your impression of the meeting?	It is useful plan.
2	What do you like about the borehole project?	We will drink fresh water.
3	What do you not like about the borehole project?	Nothing. It is a great project but has to start as soon as possible.
4	Any other comments?	There are to be training on how to operate the hand pumps.

	Name	Bereket Musasghi
1	What is your impression of the meeting?	It is a timely project.
2	What do you like about the borehole project?	People will not drink polluted water anymore.
3	What do you not like about the borehole project?	Nothing.
4	Any other comments?	Rehabilitation of boreholes has to be continuous.

	Name	Ruta Ghebreab
1	What is your impression of the meeting?	It is of a great advantage.
2	What do you like about the borehole project?	Nowadays we are fetching water from a distant place which is very tiresome. So it is great news that the water pumps will be repaired.
3	What do you not like about the borehole project?	Nothing.
4	Any other comments?	Need to have scheduled time for using the boreholes.

	Name	Kibreab Uqubai
1	What is your impression of the meeting?	It is a great idea.
2	What do you like about the borehole project?	We won't need to collect firewood to boil our water.
3	What do you not like about the borehole project?	Nothing.
4	Any other comments?	It is very interesting project.

	Name	Tesfamichael Yohanness
1	What is your impression of the meeting?	It is excellent.
2	What do you like about the borehole project?	We will be saved from walking long distance

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		to fetch water.
3	What do you not like about the borehole project?	Nothing. It is all great.
4	Any other comments?	Need to monitor the water resources.

	Name	Meles Iyob
1	What is your impression of the meeting?	It is a useful project.
2	What do you like about the borehole project?	We will not travel far to fetch water.
3	What do you not like about the borehole project?	Nothing.
4	Any other comments?	It has to be implemented very quickly.

	Name	Mihreteab Ghebremedhin
1	What is your impression of the meeting?	It is an excellent project.
2	What do you like about the borehole project?	We will drink unpolluted water.
3	What do you not like about the borehole project?	Nothing.
4	Any other comments?	Need to hire a guard to look after the boreholes.

	Name	Manna Mebrahtu
1	What is your impression of the meeting?	Very interesting project.
2	What do you like about the borehole project?	Water is vital for our needs then repairing the borehole will help us to get clean water.
3	What do you not like about the borehole project?	Nothing.
4	Any other comments?	To work together to meet the growing water demand in the region.

	Name	Bein Tesfay
1	What is your impression of the meeting?	A project of a great benefit.
2	What do you like about the borehole project?	Reassuring the availability of clean water.
3	What do you not like about the borehole project?	Nothing. Every thing is useful.
4	Any other comments?	As the availability of the water source is less need to be careful on how to use it.

	Name	Freweini Berhane
1	What is your impression of the meeting?	It is of a great advantage to the community.
2	What do you like about the borehole project?	Our children will not spend a lot of time fetching water.
3	What do you not like about the borehole project?	Nothing.

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4	Any other comments?	We should advice our children to use the borehole effectively.
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	Name	Berhane Sium
1	What is your impression of the meeting?	It is good.
2	What do you like about the borehole project?	There will be spare parts for repairing.
3	What do you not like about the borehole project?	Nothing, but it will be good if is started now.
4	Any other comments?	Training is crucial in adequately equipping them in the profession.

	Name	Zekarias Habte
1	What is your impression of the meeting?	It is of a great significance.
2	What do you like about the borehole project?	It helps to repair the boreholes effectively.
3	What do you not like about the borehole project?	Nothing.
4	Any other comments?	It will be good if there are continuous maintenance plans.

	Name	Abrham Tekie
1	What is your impression of the meeting?	It is an essential project.
2	What do you like about the borehole project?	It saves us from using a lot of fuel to boil water.
3	What do you not like about the borehole project?	Nothing
4	Any other comments?	Drinking clean water is good for the health of our family so please renovate the boreholes asap.

	Name	Nebiat Ghezae
1	What is your impression of the meeting?	It is perfect.
2	What do you like about the borehole project?	We won't be affected of any disease due to drinking unpolluted water.
3	What do you not like about the borehole project?	Nothing.
4	Any other comments?	Community has to be responsible for managing the boreholes effectively.

	Name	Ghebreyesus Debessay
1	What is your impression of the meeting?	It is a great.
2	What do you like about the borehole project?	We won't waste a lot of time and money on

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		buying water from tankers.
3	What do you not like about the borehole project?	Nothing.
4	Any other comments?	There has to be continuous follow up on the under ground water source.

The feedbacks have been overwhelmingly positive with most stakeholders urging the start of the project and looking forward for the renovation of the boreholes. There has been no negative comment/ concern raised that should have been needed to take into consideration and no change to the design of the project was necessary.

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

	Method Chosen (include all known details e.g. location of book, phone, number, identity of mediator)	Justification
Continuous Input / Grievance Expression Process Book	A log-book has been deposited at the Branch Offices of the Ministry of Agriculture and Vita Eritrean Country Office. The address of these offices is: The Ministry of Agriculture: Anseba Region P.O. Box 118. Keren, Eritrea Vita Office: Raza Building 4th floor, Bdho Street P.O. Box - 7681 Tel: +291-1-122103 or +291-8-211187 Asmara, Eritrea Grievance expression process	There is branch office of the Ministry of Agriculture in all kebab's and sub Zoba Administration Offices (basically in every sub-district), making it easily accessible for all stakeholders.

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	book will be placed at all water points.	
Telephone access	Mr. Iyassu Ghebrerufael, Country Director, Vita, Telephone: 1122103 Gold Standard Telephone Number: +41 (0) 22 788 7080	The country director has responsibility for the way this project is implemented.
Internet/email access	This method has not been chosen for local input mechanism. However an online stakeholder Feedback Round will be created for international stakeholders. If stakeholders would like to contact Gold Standard they can do so at: info@goldstandard.org GS Regional Manager johann.thaler@goldstandard.org Or contact the project representative at: richard.stone@co2balance.com	Rural people cannot access internet due lack of infrastructure in rural Eritrea.
Nominated Independent Mediator (optional)	N/A	. N/A

C.5. Report on stakeholder consultation feedback round:

The international stakeholders will be invited via email to provide feedback on our stakeholder interface on the CO2balance dashboard; this will begin following the closing of Gold Standard listing.

In country stakeholders will be invited by the Vita borehole maintenance team to leave feedback at all water points, again, following the closing of Gold Standard listing.

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Annex 1

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

Organization:	CO2balance
Street/P.O.Box:	Cook Way
Building:	1 Discovery House
City:	Taunton
State/Region:	Somerset
Postfix/ZIP:	TA2 6BJ
Country:	UK
Telephone:	01823 332233
FAX:	
E-Mail:	Richard.Stone@co2balance.com
URL:	
Represented by:	
Title:	Carbon Project Developer
Salutation:	Mr
Last Name:	Stone
Middle Name:	
First Name:	Richard
Department:	Carbon Projects
Mobile:	
Direct FAX:	
Direct tel:	+44 (0)1823 332233
Personal E-Mail:	Richard.Stone@co2balance.com

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Annex 2 – ODA Declaration



ANNEX D - OFFICIAL DEVELOPMENT ASSISTANCE DECLARATION

Date: 11/03/2013
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 GS1388

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: Mark Simpson
Title: Director
On behalf of: co2balance
Place: Taunton, UK

