

GOLD STANDARD PROGRAMME DESIGN CONSULTATION REPORT

CONTENTS¹

A. *Programme description*

1. Name and purpose of the Programme
2. Geographic boundary of the Programme
3. Tentative start date of the Programme
4. Programme eligibility under the Gold Standard
5. Current status of the Programme

B. *Design of Stakeholder Consultation Process*

1. Description of consultation methods
2. Non-technical summary of the Programme
3. Invitation tracking table
4. Level of consultation

C. *Outcome of the consultation process*

1. Assessment of comments
2. Summary of design changes based on the stakeholder feedback provided

¹ This template can be used for micro-scale, small-scale and large-scale PoAs

Gold Standard Programme Design Consultation Report

SECTION A. PROGRAMME DESCRIPTION

A. 1. Name and purpose of the Programme

Name: African Biomass Energy Conservation Programme

The programme intends to reduce greenhouse gas emissions from non-renewable biomass fuel by dissemination of:

- (a) improved household and institutional cookstoves;
- (b) improved brick-making technologies;
- (c) improved green charcoal manufacturing; and
- (d) improved productive thermal appliances,

in Burundi, Democratic Republic of Congo, Eritrea, Ethiopia, Lesotho, Malawi, Mozambique, Rwanda, Somalia, Tanzania, Uganda, Zambia, and underdeveloped zones of Kenya.

A. 2. Geographic boundary of the Programme

Countries – as above.

A. 3. Tentative start date of the Programme

(start of construction/implementation of the first activity)

Mozambique, Zambia and Rwanda – September 27, 2012

A. 4. Programme eligibility under the Gold Standard

Gold Standard Programme Design Consultation Report

This Programme is a Micro-Scale PoA consisting of multiple VPAs.

A. 5. Current status of the Programme

- (1) Programme level LSC conducted Lusaka, Zambia, September 16, 2010 and Programme level and Zambian Activity level SCR uploaded September 27, 2012, Programme level SFR commencing September 28, 2012, and Zambian Activity level SFR commenced September 27, 2012.
- (2) Mozambique Activity level LSC conducted in Niassa Province, Mozambique September 29, 2011, SCR uploaded September 27, 2012, and SFR commencing September 28, 2012.
- (3) Programme level LSC conducted in Kigali, Rwanda July 23, 2012, Programme level and Rwandan Activity level SCR uploaded September 27, 2012; SFR commencing September 28, 2012.

Gold Standard Programme Design Consultation Report

SECTION B. DESIGN OF STAKEHOLDER CONSULTATION PROCESS

B.1. Description of the consultation methods

The Programme level LSC was conducted in Kigali, Rwanda, 23 of July 2012 (an earlier Programme level LSC was conducted in Lusaka, Zambia, September 16, 2010 for the same POA).

VPA SCM for Stoves in Rwanda was conducted in Kigali, Rwanda, 23 of July 2012.

SCM for Brickmaking was conducted in Lilongwe, Malawi, 12 of June 2012.

Activity level LSCs and SCRs conducted to date are as described in item A.5 above.

B.2. Non-technical summary of the Programme

The project intends to reduce greenhouse gas emissions from non-renewable biomass fuel by dissemination of:

- (a) improved household and institutional cook-stoves;
- (b) improved brick-making technologies;
- (c) improved green charcoal manufacturing; and
- (d) improved productive thermal appliances,

in countries listed in item A.1 above.

B.3. Invitation tracking table

| Category code | Organisation (if relevant) | Name of invitee | Method of invitation | Date of invitation | Confirmation received? Y/N |
|---------------|--|--------------------|----------------------|--------------------|----------------------------|
| C | Le Ministre de l'eau, de l'environnement, de l'aménagement du territoire et de l'urbanisme (Burundi DNA) | Evariste Sinarinzi | Email | 7/9/2012 | N |

Gold Standard Programme Design Consultation Report

| | | | | | |
|---|--|-----------------------------------|-------|-----------|---|
| C | Le Ministre de l'eau, de l'environnement, de l'aménagement du territoire et de l'urbanisme (Burundi DNA) | Abdul Nzeyimana | Email | 7/9/2012 | N |
| C | Ministère de l'Environnement, Conservation de la Nature et Tourisme (DR Congo DNA) | M. NsialaTosi Bibanda Mpanu-Mpanu | Email | 7/9/2012 | N |
| C | Ministère de l'Environnement, Conservation de la Nature et Tourisme (DR Congo DNA) | M. José Endundo Bononge | Email | 7/9/2012 | N |
| C | Designated National Authority (Ethiopia DNA) | Dessaegn Mesfin | Email | 7/9/2012 | N |
| C | National Environment Management Authority (Kenya DNA) | Prof. Geoffrey Wahungu | Email | 7/9/2012 | N |
| C | Ministry of Natural Resources (Lesotho DNA) | Mr. Ntsatsi Mathatela | Email | 7/9/2012 | N |
| C | Ministry of Natural Resources (Lesotho DNA) | Ms. Jockey 'Malehloa | Email | 7/9/2012 | N |
| C | Environmental Affairs Department (Malawi DNA) | Dr. Y.M. Ntupanyama | Email | 7/9/2012 | N |
| C | Environmental Affairs Department (Malawi DNA) | Mrs. S. Najira | Email | 7/9/2012 | Y |
| C | Ministério para a Coordenação da Acção Ambiental (MICOA) (Mozambique DNA) | Rosa Cesaltina Benedito | Email | 7/9/2012 | N |
| C | National Environment Management Authority (Rwanda) DNA | Janvier Kabananiye | Email | 7/11/2012 | Y |

Gold Standard Programme Design Consultation Report

| | | | | | |
|---|--|------------------------|-----------|------------|---|
| C | National Environment Management Authority (Rwanda DNA) | Mr. Jean Ntazinda | Email | 7/9/2012 | |
| C | National Environment Management Authority (Rwanda DNA) | Yves Tuyishime | Email | 7/10/2012 | Y |
| C | National Environment Management Authority (Rwanda DNA) | Dr. Rose Mukankomeje | Email | 7/10/2012 | Y |
| C | Division of Environment, Vice-President's Office (Tanzania DNA) | Mr. Richard S. MUYUNGI | Email | 7/9/2012 | Y |
| C | Ministry of Water and Environment (Uganda DNA) | Chebet Maikut | Email | 7/9/2012 | N |
| C | Ministry of Water and Environment (Uganda DNA) | Paul Isabirye | Email | 7/9/2012 | N |
| C | Ministry of Tourism Environment and Natural Resources (Zambia DNA) | Mr. Kenneth Nkowane | Email | 7/9/2012 | N |
| A | ADJR Canamake Producers (Urban stoves) | Head of Production | Letter | 16/07/2012 | Y |
| D | ADRA Rwanda | Romuald Mboknankira | Email | 7/9/2012 | Y |
| D | ADRA Rwanda | | Email | 7/9/2012 | Y |
| D | CARE Rwanda | Augustine Niyonsaba | Email | 7/9/2012 | Y |
| A | co2balance | Andrew Ocama | Email | 7/13/2012 | Y |
| A | Consultant | Francine Mukaruberwa | Telephone | July 2012 | Y |
| A | COPED - Waste management | Pauline Buregeya | Email | 7/10/2012 | Y |
| A | Deterinkhunga (Urban stove producers) | Head of Production | Letter | 16/07/2012 | Y |
| A | DG works Limited | Davinah Uwella Milenge | Email | 7/13/2012 | N |

Gold Standard Programme Design Consultation Report

| | | | | | |
|---|---|--|--------|-----------|---|
| B | Energy Water and Sanitation Authority | Gasperd Nkurikiyumukiza | Email | 7/9/2012 | Y |
| B | Energy Water and Sanitation Authority | Issa Karera | Email | 7/9/2012 | Y |
| B | Energy Water and Sanitation Authority | Yussuf Uwamahoro | Email | 7/9/2012 | Y |
| B | Energy Water and Sanitation Authority | Yves Muyange | Email | 7/9/2012 | Y |
| A | Former trainer | Dusabimana Odette | Verbal | July 2012 | Y |
| A | Former trainer | Hakizamana Danny | Email | 7/9/2012 | Y |
| A | Former trainer | Jean Claude Birorimana | Email | 7/11/2012 | Y |
| A | Former trainer | Maniragaba Jean de Grace | Verbal | July 2012 | N |
| A | Former trainer | Manishimwe Flavien | Email | 7/10/2012 | Y |
| A | Former trainer | Mugege Disire | Email | 7/9/2012 | Y |
| A | Former trainer | Mujawamariya Goretti | Email | 7/9/2012 | Y |
| A | Former trainer | Mukarukundo Euginie | Email | 7/10/2012 | Y |
| A | Former trainer | Munyaka David | Verbal | July 2012 | Y |
| A | Former trainer | Musabende Ernestine | Email | 7/9/2012 | Y |
| A | Former trainer | Muteteri Leoncie | Email | 7/9/2012 | Y |
| A | Former trainer | Ngabonziza Jules | Email | 7/9/2012 | Y |
| A | Former trainer | Twihangane Daniel | Email | 7/9/2012 | Y |
| A | Gatsibo potters (rural stove producers) | Head of Production | Verbal | July 2012 | N |
| E | Gold Standard | Nahla Sabet | Email | 7/19/2012 | N |
| E | Gold Standard | Heba Rabie | Email | 7/19/2012 | N |
| D | GO-Rwanda | Safari Peter Jerome | Email | 7/9/2012 | Y |
| F | Greenpeace International | info@wdc.greenpeace.org, supporter.services.int@greenpeace.org | Email | 7/9/2012 | N |

Gold Standard Programme Design Consultation Report

| | | | | | |
|---|--|-------------------------------|---------|------------|---|
| F | HELIO International | helio@helio-international.org | Email | 7/9/2012 | N |
| A | IFDC | Fabian Kayitare | Email | 7/11/2012 | Y |
| A | IFDC | Director | Email | 7/9/2012 | N |
| A | Independent Consultant | Bora Wilhelmine | Email | 7/13/2012 | Y |
| A | Information sharing | Mugyama Lando | Verbal | July 2012 | Y |
| A | Kamonyi potters (rural stove producers) | Deterinkhunga | Letter | 16/07/2012 | Y |
| A | Kibagabaga potters (rural stove producers) | Head of Production | Verbal | July 2012 | N |
| B | Kigali Institute Of Technology | Eng. Francis Zimulinda | E mail | 7/11/2012 | Y |
| A | Manna Energy (DelAgua) | Director | Email | 7/9/2012 | Y |
| A | Manumental | Director | Email | 7/9/2002 | Y |
| F | Mercy Corps | jjarvie@hq.mercycorps.org | Email | 7/9/2012 | N |
| D | Millenium Villages Project | Uwingabiye Chantal | E mail | 7/11/2012 | Y |
| B | Ministry of Agriculture | Didace Rushigajiki | Email | 7/16/2012 | Y |
| B | Ministry of Agriculture | Dr .Theogene Rutagwenda | Email | 7/9/2012 | Y |
| B | Ministry of Environment and Natural Resources (MINERENA) | Theogene Habakubaho | Email | 7/9/2012 | Y |
| B | Ministry of Health (MINISANTE) | DR Fidel Ngabo | Email | 7/9/2012 | Y |
| B | Ministry of Health (MINISANTE) | Dr. Felix Sainzoga | Email | 7/16/2012 | Y |
| B | Ministry of Local Government | The Permanent Secretary | Letter | 17/07/2012 | Y |
| B | Ministry of Local Government | Mayors | Letters | 7/17/2012 | N |
| B | Ministry of Local Government (MINALOC) | Mr. Jackson Mugishaer | Email | 7/11/2012 | Y |

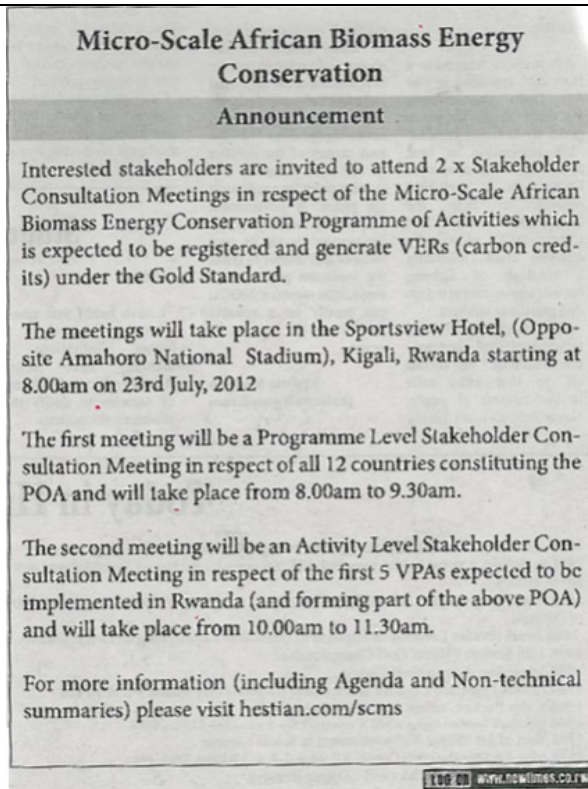
Gold Standard Programme Design Consultation Report

| | | | | | |
|---|---|--------------------------|--------|-----------|---|
| A | Muhanga potters (rural stove producers) | Kamonyi Potters | Verbal | July 2012 | N |
| A | National Women's Council | Christine Tuyisenge | Email | 7/11/2012 | Y |
| A | Practical Action Consulting | Hiwote Teshome | E mail | 7/10/2012 | Y |
| B | Rwanda Development Board | Sabastian Dusabeyezu | Email | 7/10/2012 | Y |
| B | Rwanda Development Board | Simeon Harerimana | Email | 7/9/2012 | Y |
| A | SNV | Director | Email | 7/9/2012 | N |
| D | SUN AFRICA | Kamaliza Nancy | Email | 7/13/2012 | Y |
| A | Tekutangije Ltd. (Nyabisindu Potters) | Isidore Nzeymana | E mail | 7/11/2012 | Y |
| B | Tumba College of Technology | Gatabazi Pascal | Email | 7/9/2012 | N |
| D | VI Life | Humura Lise | Email | 7/9/2012 | Y |
| D | VI Life | John Baptist | Letter | 7/16/2012 | Y |
| D | VI Life Project Manager | Finn Norgren | Letter | 7/16/2012 | Y |
| D | Winrock International | Jean Claude Nkurikiyinka | Email | 7/9/2012 | Y |
| D | World Vision | Director | Verbal | July 2012 | Y |

B.4. Level of consultation

A Programme level stakeholder consultation meeting was conducted in Kigali, Rwanda, on Monday July 23, 2012 to discuss the African Biomass Energy Conservation Programme. A total of 84 stakeholders were invited to attend. A public invitation to attend the stakeholder meeting was also published in the national newspaper "Rwanda New Times" prior to the stakeholder meeting.

Gold Standard Programme Design Consultation Report



Of the invited participants, 33 were local stakeholders including stove producers, promoters and production trainers; 16 represented various government bodies such as Ministries and academic bodies; 19 were from Designated National Authorities; 11 were of local and international non-governmental organisations; 2 were regional Gold Standard experts; and 3 were Gold Standard supporters.

A total of thirty-five (35) invitees were able to attend the stakeholder meeting. Ten of the participants represented government agencies, 8 represented local and international nongovernmental organisations, there was one representative from the Designated National Authority (Rwanda Environmental Management Authority), and the remainder were various local stakeholders including potters, stove producers and former production trainers.

In addition, the DNA's of [11 of the 12] countries listed in item A.1 were separately invited to provide design-level comments on the Programme – this invitation will be followed up during the SFR.

Gold Standard Programme Design Consultation Report

SECTION C. OUTCOME OF THE CONSULTATION PROCESS

C.1. Assessment of comments

| S.No | Comment | Organization | Response to comment |
|------|--|--------------------------|--|
| 1 | Stated that current statistics indicate that 85% of energy needs in Rwanda are met by biomass energy (57% from firewood, 23% from charcoal, 5% from peat and tree waste) not 95% as presented. | EWSA | Hellen Owala (Billem) welcomed the comment and acknowledged that the official figure of 85% would be used in future. |
| 2 | Called for a translator so that the meeting could be conducted in both English and Kinyarwanda due to the obvious language barrier. | EWSA | Paulin Buregeya (COPED) summarised Billem Innovations' presentation on the PoA in Kinyarwanda and continued to be the translator of the day. [CME notes that this was a Programme-level SCM involving 12 countries] |
| 3 | Questioned the meaning of the term "productive thermal appliances". | | Hellen Owala (Billem) explained that these refer to technologies used for commercial application e.g. improved chicken brooders. |
| 4 | Noted the absence of a representative of the Rwandese Designated National Authority on carbon projects (REMA), given that the proposed PoA aims to generate carbon credits. | EWSA | Hellen Owala (Billem) – Assured that a REMA representative was actually present at the meeting. |
| 5 | Questioned the difference between the technologies to be disseminated under the PoA and the Canamake in Rwanda. | Duteraminkunga Kimironko | Hellen Owala (Billem) noted that Hestian's aim is not to introduce new cooking technologies, but to use carbon finance to disseminate the technologies which Rwanda has already invested in developing as long as they are acceptable. |
| 6 | Inquired about the difference between Hestian and Practical Action Consulting, and | Jean Claude Birorimana | Hellen Owala (Billem) indicated that her role would be similar, though more emphasis would be placed on the users such that |

Gold Standard Programme Design Consultation Report

| | | | |
|---|--|------------------------|---|
| | the role of Hellen Owala in the former, given her prior involvement with Practical Action. | | producers would benefit from a demand for stoves – as well as mentioned the stringent monitoring process for carbon projects, explaining in summary the 12 step registration process for Programme of Activities. |
| 7 | <p>Expressed concern about potential conflict between activities of Practical Action and Hestian in the stoves sector.</p> <p>– Inquired about the process of measuring greenhouse gas emissions.</p> | Jean Claude Birorimana | <p>Hellen Owala (Billem) – Assured that this would not be a problem, and was supported by Issa Karera (EWSA) who added that Hestian's activities will not compete with, but will help to scale up EWSA's work to date. In addition, the work assigned to Practical Action Consulting was already completed.</p> <p>– Hellen explained the need to calculate the wood savings and to assess if stoves disseminated are actually being used and are reducing carbon emissions. She also encouraged Mr. Birorimana to contact her in the future if interested in the formulas and more technical aspects of measuring carbon emissions, noting that they can be applied to all appliances.</p> |
| 8 | <p>Inquired about how the baseline would be calculated given that there are also improved cooking technologies in use, and how the emission reductions for existing technologies would be verified.</p> <p>– Noted that carbon projects can bring knowledge to various project participants e.g. implementers,</p> | EWSA | <p>Hellen Owala (Billem) – Noted that in general we know that improved cookstoves are replacing the three stone fire. However, for this PoA, in each area where activities take place, Billem will verify the traditional stove(s) being replaced by improved cookstoves – noting that this could vary in different areas for household stoves. For institutional stoves, Billem will look at existing stoves (tested and untested) that are in use, such that these will become the baseline.</p> <p>– Hellen assured that Hestian would develop a strategy with implementers disseminating stoves to share the benefits based on their provision of ER contracts. Paulin</p> |

Gold Standard Programme Design Consultation Report

| | | | |
|----|--|------|--|
| | charcoal sellers and stove sellers; but inquired about financial benefits to be brought by the PoA and how Hestian intends to share the income generated by the emission reductions. | | Buregeya (COPED) explained this in Kinyarwanda and Mr. Mugiraneza emphasised the need to use and not only produce the technologies. |
| 9 | Inquired about Hestian's total budget for Programme, how this would be shared among people and Hestian, and the number of Programme beneficiaries. | EWSA | Hellen Owala (Billem) – Explained that Hestian is a private company investing its own capital in each of the 12 steps of PoA registration, and is not soliciting any funds from any donor to do the work. She added that the current target for 2012 is to reach 3,000 households, followed by 8,000 households in 2013 and in increasing number in subsequent years. Regarding the appropriation of the budget, this would be determined with individual implementers. Hellen added that Hestian would only be able to share the carbon credits after PoA registration. |
| 10 | Expressed interest in whether the Programme would be registered with the CDM. | RDB | Yves Tuyishime (REMA) – Responded to this question in Kinyarwanda for each of understanding by explaining the difference between the CDM/Kyoto and the voluntary market and Gold Standard, the latter being the one the PoA is seeking registration with. |

C.2. Summary of changes to Programme design based on the stakeholder feedback provided

No changes were made to the Programme design based on the predominantly positive feedback received from stakeholders. Stakeholder feedback is summarised below:

On the 1st question regarding the impression about the meeting the responses were as follows:

- The meeting as well as the presentation was very good and impressive (27 Participants)
- A translator would have been useful at the meeting, as well as translations of Programme documents into the local language (Kinyarwanda) (10 Participants) [CME notes that this was a Programme-level SCM involving 12 countries and that a COPED

Gold Standard Programme Design Consultation Report

representative acted as translator.]

- The meeting was informative and interesting (3 Participants)
- A well organised meeting (2 Participants)

On the 2nd question regarding what the participants liked about the Programme:

- The Programme is good for the environment and reduces carbon emissions (8 Participants)
- The Programme improves livelihoods and health, and increases employment (8 Participants)
- The Programme promotes knowledge sharing and skills development (5 Participants)
- The Programme encourages reduced biomass energy consumption (4 Participants)

On the 3rd question regarding why the participants did not like the Programme:

- Everything about the Programme was liked (23 Participants)
- The start-up costs are too high and implementation too long; stakeholders are fearful that this will cause the Programme to fail (3 Participants)
- The Programme targets are unclear and difficult to achieve (2 Participants)
- Fearful of the competition with existing stove producers (1 Participant)