

Key Project Information - GS Ref. Nr.1023

CDM Gold Standard Small Scale Programme of Activities (PoA):
Improved Cook Stoves Programme for Rwanda

1. Brief description of the PoA's design and details

Registered on 31st August 2012, the Improved Cook Stoves Programme for Rwanda supplies households with improved cook stoves (ICS) all over Rwanda and Cameroon. As of December 2017, over 30,000 households have benefited from access to ICS in Rwanda alone. The initiators aim to upscale the PoA activities by supplying additional households with improved cook stoves. The initiators have a good experience with energy efficient cook stoves, especially in Rwanda with the Save80 system. Other cook stove types may be supplied under the programme as well.

The supplied ICS are suitable for households that currently use charcoal and/or firewood as fuel for cooking. The PoA supplies durable stoves which are constructed by the CME and its implementing partners.

The ICS are sold at a reduced price to make them affordable to the average households (or distributed free of cost in the case of refugee households). The financing gap is bridged by carbon revenues. Sales revenues are directly used to finance sales, marketing and monitoring activities.



Figure 1: Save80 cook stove system (one of the ICS distributed under the PoA)

2. Responsible Parties

atmosfair gGmbH: atmosfair is a German not-for-profit company providing voluntary offsets for greenhouse gas emissions e.g. from air travel by CDM Gold Standard projects. atmosfair is responsible for the project registration under the Gold Standard, project design, monitoring and certification, in collaboration with its partners.

SaferRwanda: an independent non-state actor and non-for-profit organization established in 2000. SaferRwanda is engaged in several peace and environmental protection projects such as solar energy, tree planting and energy saving cook stoves. SaferRwanda is responsible for the project implementation, including stoves assembly, sales, after-sales services and monitoring.

Rwanda Women's Network (RWN): is a national humanitarian NGO dedicated to the promotion and improvement of the socio-economic welfare of women in Rwanda since 1997. RWN works with over 52 grassroots associations across Rwanda. RWN is responsible for the project implementation including stoves assembly, sales, after-sales services and monitoring.

Energie Domestique SARL (ENEDOM): was created in 1996 with the aim of finding alternative substitute to firewood and charcoal leading to reduction/elimination of deforestation resulting from search of firewood and charcoal for domestic use.

UNHCR: established by the United Nations General Assembly, which is mandated to lead and co-ordinate international action to protect refugees and resolve refugee problems worldwide. UNHCR is responsible for the project implementation in refugee camps, including stoves assembly, distribution, maintenance and monitoring.

3. Tentative Timelines

Date/Time period	Activity
2010	Starting PoA designing
February 2011	Conducting local stakeholder consultation meeting in Rwanda
August 2011	Starting stoves distribution
August 2012	PoA registration and inclusion of CPA 0001
November 2013	Conduct local stakeholder consultation meeting in Cameroon
January 2014	Inclusion of CPA 0002
January 2015	Inclusion of CPA 0003
February 2015	New host party – Cameroon - included in the PoA Inclusion of CPA 0004
July 2015	Inclusion of CPA 0005 and 0006 Inclusion of CPA 0007
February – June 2018	Include additional CPAs into the PoA
March 2018 – onwards	Distribution of cook stoves under the new CPAs
15 th May 2011 – 14 th May 2039	Duration of the PoA

4. Social, economic and environmental benefits and impacts

Social benefits and impacts

Improvement of health conditions: The improved cook stoves use less wood and burn the wood more efficiently hence reduce indoor air pollution from wood and charcoal smoke and avoid its harmful risk of respiratory health consequences.

Women and Youth Empowerment: The project will engage women and youths in the administration, stoves assembly, sales/distribution, after-sales services and monitoring of the stoves usage. This will support their economic empowerment through the new jobs created and income earned.

Creation of jobs: the assembly, distribution and repairs, monitoring and management of the project will lead to creation of additional jobs in Rwanda.

Community balance: The reduced wood consumption will result in reduced pressure on community forest resources and contribute towards avoidance of the risk of inter-communal conflict over fuel resources.

Economic benefits and impacts:

Income generation: The people employed under the project will earn incomes through the various direct and indirect activities such as stoves assembly, sales and monitoring, transportation. Indirect service providers such as transporters and casual labourers will gain access income opportunities too.

Access to clean energy services: The energy efficient cook stoves such as the Save80 will reduce the fuel wood consumption/demand by 80% hence will make the cooking more affordable for households and significantly reduces the expenditures on fuel as well as the time spent on firewood collection, which can be invested in other income generating activities.

Environmental benefits and impacts:

Reduction of CO₂ Emissions: Improved cook stoves reduce the overall wood demand since they use less wood as compared to traditional 3-stone fire places and reduce thereby the greenhouse gases which are released to the atmosphere when burning wood. This will have a positive impact on the climate due to a reduction in the release of CO₂. The project is project to reduce over 42,000 tons of equivalent carbon dioxide (CO₂e) per annum and hence over 420,000 tons of CO₂e over the CPA lifetime.

Reduction of deforestation: The Improved cook stoves will reduce wood consumption to a sustainable level. The dissemination of energy efficient cook stoves contributes to the natural recovery of forests and/or reforestation to take place.