

Non-technical summary Rwandan Improved Cookstove Project

This Project involves the distribution of domestic fuel-efficient improved cookstoves to households within the Republic of Rwanda and will focus on the following districts: Burera, Gatsibo, Kamonyi, Karongi, Ngoma, Nyagatare, and Rwamagana. The project owner Likano Project Development GmbH will work closely with the in-country partners in the preparation and implementation of the project, called the Rwandan Improved Cookstove Project, under the VERRA/Voluntary Carbon Standard (VCS) to obtain Voluntary Carbon Units (VCU).

A total of approximately 500,000 Canarumwe stoves are planned to be distributed to households which previously have had no access to improved cookstoves, replacing the traditional three-stone fire. By using the improved cookstoves, which uses less firewood and emits less smoke, fuel consumption will be reduced. This in turn reduces greenhouse gas emissions as well as indoor air pollution improving the health situation. The improved efficiency of the stove will also reduce the time required for wood collection or reduce costs of firewood for households purchasing wood.

The CANARUMWE stove is a locally manufactured household stove. The stove is hand-made of clay, using pottery clay and sand water, formed inside a bucket giving its pot-shape, to be installed in a mud surround in the Kitchen. Examples of the stove are shown in the pictures below:



The Project will positively contribute to the following 3 SDGs:

SDG 3 – Good Health and Well-being	SDG 7 – Affordable and Clean Energy	SDG 13 – Climate Action
<ul style="list-style-type: none"> • The efficient burning process of the stove reduces the indoor air pollution which leads to reduced respiratory diseases, thereby safeguarding healthy lives and well-being; • Reduction in burns and injuries as the CANARUMWE Stove is safer to cook on; • Reduced poverty, as the efficient stove reduces annual expenditure on cooking fuels; • Reduced cooking and wood collection time, which will allow more time to be spent on for income generating activities, childcare or education. 	<ul style="list-style-type: none"> • The distribution of energy efficient stoves upgrades the technology and supplies access to affordable, reliable, sustainable, and modern energy for all. 	<ul style="list-style-type: none"> • The more energy efficient cookstove reduces wood consumption which leads to reduced GHG emissions, contributing to the mitigation of climate change; • Reduced pressure on the surrounding forest with reduced deforestation and degradation of the forests and its wildlife habitat; • Reduced soil erosion and nutrient loss as trees protect the land; • Reduced risk of flooding in hilly areas as trees and plants on slopes soak up rain.