

Project Overview:

Energy-efficient Cooking Stoves

Situation in rural Tansania and project development

Kagera is home to nearly two million people, most of whom live from small farming activities or fishing. 90 percent of households in the region depend on firewood or charcoal as their main sources of energy for cooking. Cooking on traditional open fireplaces leads to strong smoke emissions that are harmful to health and require large amounts of wood, leading to increased deforestation. In addition, the purchase of firewood or charcoal is usually expensive for the families.

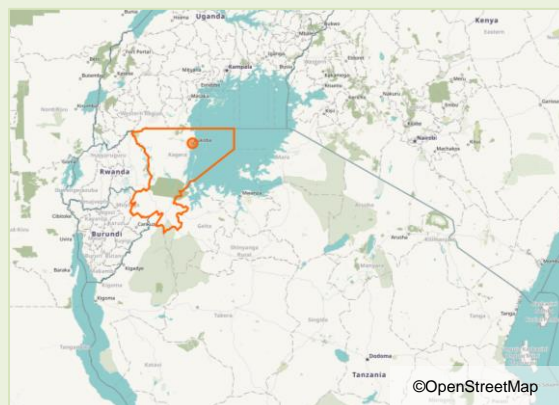
The project partner KCU started its initiative for providing energy efficient stoves after a similar project in neighbouring Malawi was a great success. Experts from Malawi are now offering training in both the manufacturing and effective use of the stoves. The project aims to produce 550 energy-efficient stoves and sell them to households at low prices. Households that use the stoves will be trained by the KCU and are offered continuing consultation throughout the product's lifecycle.

Benefits of the energy-efficient cooking stoves

The stoves built from clay are more than 20 percent more efficient and energy-saving than conventional open stoves. The improved stoves have an expected lifespan of four years and can easily be replaced after that. The advantage of the energy-efficient stoves can be seen in the improvement of women's health, as they are now exposed to less smoke. In addition, the saved resources enable families to afford other important necessities and have more time for themselves and their families. Through training, community members gain skills that can be used even after the project has ended. Thus the project contributes not only to climate protection but also to social welfare.

Name:	Energy-efficient Cooking Stoves
Category:	Energy-efficiency
Location:	Muleba, Bukoba und Missenyi in Kagera Region
Partner:	Kagera Cooperative Union/KCU
Standard:	Micro project according to the criteria of the Gold Standard
Savings:	3.410 t CO ₂
Duration:	Since 2019
Status:	Pilot phase; Financed by Klima-Kollekte's micro project fund

Contribution of the project to the 17 Sustainable Development Goals of the UN:



Link to the project video:

<https://www.youtube.com/watch?v=GQwQkI9IJD0>