

Project Overview:

Energy-efficient Cooking Stoves

Situation in rural Kenya

Kitui district is located in the east of Nairobi. 86% of its' population live in rural areas where the use of open fire for cooking is still a common practice. This method of cooking puts great danger to the health of the people using it: an alarmingly high number of people in the area suffer from lung diseases and especially children often burn themselves. Additionally, this practice intensifies the negative influences that climate change and over-exploitation of natural resources already have on the region. Cooking over open fire requires a lot of wood and thus promotes deforestation. This endangers the livelihood of the local family and also means a greater workload for women and children.

Caritas Kitui, the local partner organisation of Fastenaktion, wants to work against that and additionally have a share in emission reduction and climate protection. By the end of 2020, the project plans to install at least 14,000 cooking stoves in this way.

Benefits of the energy-efficient cooking stoves

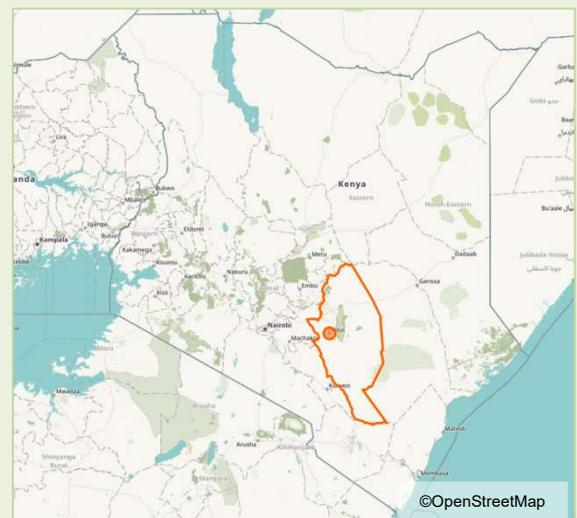
With the energy-efficient cooking stoves, the families reduce their wood consumption by half and simultaneously cuts down their carbon emissions. This protects the tree population from rising deforestation. The effort required to find firewood is reduced and women gain more time to spend with their children or to cultivate their lands. An average of USD 35 for firewood can be saved. In addition, the risk of respiratory diseases and accidents with fire is reduced.

Additional to that, the project also generates local jobs in the construction and maintenance of the new cooking stoves.

Thus the project does not only protect the climate, but also has positive effects on families and their communities.

Name:	Energy-efficient Cooking Stoves
Category:	Energy-efficiency
Location:	Kitui County in Kenya
Partners:	Caritas Kitui and Fastenaktion
Standard:	Gold Standard for the Global Goals
Savings:	60,000 t CO ₂ (in total)
Duration:	2013-2023
Status:	Certificates since 2017

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



Link to our partner organization:

<https://caritaskitui.org/energy-climate-change/>