

ENERGY EFFICIENT STOVE PROJECT — KENYA

co2balance works with local social groups in East Africa to replace the use of open fires for cooking with energy efficient cooking stoves.

The typical approach to cooking in Africa is through open fires, similar to traditional camp fires. They are very inefficient, fuel intensive and therefore carbon intensive. The energy efficient stoves require 50% less firewood to cook with, and therefore reduce carbon emissions by 50% compared to open fire. As a result each energy efficient stove will save over 3 tonnes of carbon dioxide every year.

Benefits of the project

This project goes beyond carbon saving, and has clear social and economic benefits to the local villages. The reduced need for firewood leads to a corresponding reduction in the amount of time spent collecting the fuel (or money purchasing firewood), as well as preventing deforestation in the area. As the stoves are built employment to the local area. It also reduces the amount of smoke produced compared to open fires, and therefore is a cleaner and more hygienic method of cooking.

Verification of the project

co2balance have several stove projects throughout Kenya and are putting each project through the internationally recognised Gold Standard. Each stove is individually tagged via GPS, in order to track the locations of all the stoves that are built. This provides reassurance to the client that the stoves have been built and used in accordance to the Project Design Description. The project is completely owned and managed by co2balance to ensure absolute control of the scheme, and project managed through their Nairobi office.

For more information please contact us via

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