



193,463

SAVED EMISSIONS  
TONS CO2 EQ /YEAR



# Paradigm Healthy Cookstoves and Water Treatment Project

 Kenya

PROJECT-ID: 1918 FZ-ID: 2153

# Paradigm Healthy Cookstoves and Water Treatment Project

## Supply of the poorer population with efficient cooking stoves and water treatment products

The Paradigm Healthy Cookstoves and Water Treatment Project aims to improve health and incomes across Kenya by reducing the time and cost of procuring fuel for cooking in households and institutions, and by improving the supply of clean water to local communities. To achieve this goal, the project facilitates Kenyans' access to healthy, energy-efficient cookstoves and water treatment products.

To reach a broad range of Kenyans with the most appropriate technology, the project supports the sale and distribution of cookstoves to households and institutions, and the sale and distribution of a range of water treatment products

to households and institutions through carbon financing.

The Paradigm project works with a number of local partners in Kenya, including World Vision and Food for the Hungry, to reach clients with a range of models of efficient and healthy cookstoves. In addition, Paradigm is investing in local manufacturing capacity to produce more than 100,000 cookstoves per year.

[For more information please click here.](#)

## Overview of the project data:



## Paradigm Healthy Cookstoves and Water Treatment Project

The project contributes to the following sustainability goals:



### No poverty:

The project mainly benefits the poorer population, as these households usually spend most of their income on collecting firewood. The efficient technology allows families to invest more in education and well-being.



### Good health and well-being:

The improved cookstoves reduce the pollutants produced by smoke, which has a positive effect on health, especially when cooking indoors, and reduces the risk of respiratory diseases.



### Clean water and sanitation:

Paradigm's water treatment products eliminate the need to boil water and provide Kenyans with clean water for drinking and other sanitary purposes. By reducing boiling, greenhouse gas emissions are reduced.



### Affordable and clean energy:

Paradigm's locally manufactured "Jikopoa" cookstove reduces the fuel consumption of an average Kenyan family by 39%.



### Climate action:

The efficient technology of the cooking stoves used saves around 193,463 t CO<sub>2</sub>e per year.