

KATENE CLEAN COOKSTOVES MALI

Improving livelihoods and fighting
desertification in Mali

Frequent droughts and fuel use from increasingly scarce firewood are growing problems in Mali, resulting in deforestation and desertification. This emissions reduction project distributes affordable, modern and fuel-efficient cooking stoves that improve livelihoods, decrease smoke-related health issues and protect the climate.

The Context

Over half of Mali is covered by the Sahara Desert, and its sparse forests are threatened by further desertification, bushfires and land clearing for farming and firewood. With 80-90 percent of Mali's energy derived from wood and charcoal burning, curbing deforestation from energy needs is vital for addressing the growing nation's crippling poverty.

The Project

The Katene Clean Cookstoves project expands entrepreneurial company Katene Kadji's operations beyond Mali's capital of Bamako, distributing fuel-efficient charcoal cookstoves across major towns and market centres. The stoves require less fuel for the same amount of cooking time, and greatly reduce the amount of smoke emissions inside homes.

The Benefits

Katene Clean Cookstoves reduces Mali's wood and charcoal consumption, offering families financial relief from rising fuel costs. The project frees women and children from time-consuming cooking processes and improves public health by minimising exposure to pollutants from traditional open-air indoor cooking. The operational expansion of Katene Kadji nationally also promotes local employment. The project has directly employed 10 new artisans as well as indirectly creating over 412 jobs for new external artisans, dealers and retailers and distributors. The project has coordinated guided tours to raise awareness of climate change, pollution and other environmental issues and, so far, also planted over 2,400 m² of trees in nearby communities.

The fuel-efficient charcoal cookstoves are sold in five sizes to suit the needs of all household sizes



Gold Standard



\$25 saved

per year on average for a household using medium sized stove, freeing up more income



2,372,499 people

have a healthier kitchen environment



208,114 stoves

have been distributed up until end of year 2015, providing energy efficient cooking technology across Mali



400+ jobs

created in cookstove creation and distribution, boosting local economies in Mali



69,165 tCO₂e

mitigated on average annually through reduced fuel requirements and avoided

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: Improved Household Charcoal Stoves in Mali | **Registry link:** https://mer.markit.com/br-reg/public/project.jsp?project_id=103000000002502 | **VCS ID:** 2502