Frequent droughts and overuse of increasingly scarce firewood sources 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 – up to 90 percent of Mali’s energy is sourced from burning wood and charcoal. Traditional cooking methods use open-fire indoor stoves that emit toxic pollutants, harming household health.

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 in major towns and market centres. The more efficient ‘Sewa’ cookstoves require less fuel for cooking, and greatly reduce the amount of indoor smoke pollution.

The Benefits
The project reduces Mali’s wood and charcoal consumption while offering families financial relief from rising fuel costs. Women and children are freed from time-consuming cooking processes, and public health is improved through minimised exposure to pollutants from traditional open-fire cooking. The national expansion of Katene Kadji also promotes local employment – the project directly employs 10 new artisans, as well as indirectly creating hundreds of new jobs for external artisans, dealers, retailers and distributors. The project also coordinates guided tours to raise environmental and climate awareness, and has so far planted over 2,400 m² of trees.

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

66 USD household savings on average annually through use of the more efficient Sewa stoves, freeing up more income for other essentials

2,372,450+ people enjoy a cleaner kitchen environment and improved health

412+ jobs created in cookstove creation and distribution, boosting local economies in Mali

208,100+ stoves distributed, providing energy efficient cooking technology for Malian communities

69,165 tCO₂e mitigated on average annually, through reduced fuel requirements and avoided deforestation

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

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