

Gold Standard Efficient Cook Stoves Credits from Ghana

Location: Ghana

Emissions Reduction: Annual average of over 65,000 tonnes for the 10 year crediting period

Certifications: Gold Standard

Description: This project involves the improvement of charcoal stoves to reduce fuel consumption by introducing a ceramic liner that increases combustion efficiency and retains heat. Wood and charcoal meet 75% of Ghana's cooking fuel needs resulting in deforestation and air pollution. The improved cook stoves use 40% less charcoal saving 180 kg of charcoal annually and reduce 1.5 tonnes of CO₂e emissions each year.

Environmental Benefits:

- Avoided deforestation due to less fuel consumption
- Large reductions in air pollution
- Over 270,000 stoves sold to date in Ghana providing a technology shift for the nation to reduce emissions on a widespread scale whilst also contributing to the health and socio-economic status of the population

Socio-economic Benefits:

- Stoves are produced and supplied by a local Gold Standard registered Ghanaian company and distributed by a large network of local retailers
- Project has created over 200 jobs
- Reduced fuel expenditure for families
- Decrease risk of respiratory and cardiovascular disease due to reduced air pollution

