

EFFICIENT

COOKING STOVES

IN GHANA

PROMOTE

- Health Improvement
- Gender Equality
- Local Jobs
- Households Energy Efficiency

FIGHT

- Deforestation
- Poverty
- Charcoal Use

KEY FACTS

200,000 tonnes of CO₂ avoided to date

125,000 efficient cookstoves retailed

730,000 beneficiaries

224 jobs created

- Project operational since 2014
- Registered under the Gold Standard
- Verified by Carbon Check auditors
- Markit Registry ID Number: 1385
- Located in Kumasi, Ghana



SUPPORT VULNERABLE HOUSEHOLDS, CUT CHARCOAL SPENDING, REDUCE DEFORESTATION.

Man & Man efficient cooking stoves program and factory have been initiated in 2014 and since then have rolled out 125,000 devices to help families decrease their charcoal use.

Michael Yaw Agyei is a social entrepreneur addressing the issue of charcoal consumption and deforestation in Ghana. He founded Man and Man company with the aim of producing and distributing efficient cooking stoves to reduce the daily use of charcoal and the associated spending for vulnerable households. Charcoal for cooking is one of the main cause of deforestation in Africa.

Reducing smoke emissions from cooking decreases the burden of disease associated with household air pollution and improves well-being, especially for women and children (94.83 % of users confirmed to be exposed to less smoke). Efficient cooking stoves positively affect women and children and provide added benefits such as reduced time spent collecting fuel, increased participation in cooperative activities, increased awareness of the health risks associated with cooking. Clean cooking is essential to addressing energy poverty and ensuring sustainable energy security for billions of people (Holy Cookstoves program has benefitted 125,000 households as of third monitoring period cut-off). Over 20 permanent technical jobs have been created for the assembly of Man & Man Cook stoves, including training and capacity development (besides numerous positions in marketing and distribution).

UN SUSTAINABLE DEVELOPMENT GOALS

The project complies with several UN SGDs (numbers 1, 3, 5, 7 and 8). Improved cook stoves result in a reduction in fuel wood required (average of 39,4% energy savings), decreasing dependence on a scarce resource, saving time and reducing expenditure of fuel wood (96,55% of users confirmed to improve savings).