

# Efficient Cooking Stoves in Ghana

Support Vulnerable Households,  
Cut Charcoal Spending, Reduce Deforestation.

199,122 tons  
of CO<sub>2</sub> avoided

442,963 people  
beneficiaries

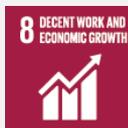
224 jobs  
created  
for distribution

#### Support

#Gender Equality  
#Local Jobs Creation  
#Health Improvement  
#Energy Efficiency

#### Fight

#Deforestation  
#Climate Change  
#Household Air Pollution  
#Poverty



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.



Carbon program operational since 2014  
Registered under the Gold Standard  
Verified two times by Carbon Check auditors  
Tracked in Markit registry ID 1385  
Located in Kumasi, Ghana  
Ashden Award Winner

## UN Sustainable Development Goals

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). **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 76,373 households as of 2nd 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).

