

# GYAPA STOVES PROJECT, GHANA



**OVER 4 MILLION TONNES  
OF CO2 AVOIDED TO DATE**

**ALMOST 1.5 MILLION  
STOVES SOLD, MAKING  
GYAPA A HOUSEHOLD NAME**

**CREATED MEANINGFUL  
JOBS IN MANUFACTURING  
AND DISTRIBUTION**

## **CREATING JOBS, TRANSFORMING LIVES**

Nearly 3 billion people in the developing world cook food and heat their homes with traditional cookstoves or open fires. The World Bank estimates that 4 million premature deaths occur every year as a result. In Ghana more than 80% of the population use solid fuels for cooking.

This project introduces the Gyapa to families in Ghana. An efficient cookstove, the Gyapa cooks food more quickly, requires 46% less fuel and is less smoky, meaning it not only cuts carbon emissions, but reduces exposure to toxic fumes. Cutting fuel requirements saves families as much as \$100 dollars annually, at the same time protecting Ghana's dwindling forests.

A key outcome from this project is job creation. The stoves are made locally; the liners by a small group of accredited local ceramicists who have received specialist training and the metal claddings by a further group of accredited manufacturers. The project provides training and quality control services and distributes the stoves through a wide network of retailers.



# DELIVERING THE GLOBAL GOALS (SDGS)

Verified under Gold Standard for the Global Goals:

1 NO POVERTY



Collectively, families using Gyapa stoves have saved more than \$165 million on fuel bills.

3 GOOD HEALTH AND WELL-BEING



Reduces exposure to hazardous air pollutants while cooking.

8 DECENT WORK AND ECONOMIC GROWTH



Stoves are manufactured locally by over 180 skilled ceramicists and metalworkers and distributed by a network of over 600 retailers.

13 CLIMATE ACTION



The project has reduced over 4 million tonnes of CO2 to date.

Additional SDGs supported:

4 QUALITY EDUCATION



Reduces time spent cooking leaving more time for study.

5 GENDER EQUALITY



Cuts unpaid cooking time – a source of gender inequality.

7 AFFORDABLE AND CLEAN ENERGY



Clean cooking is an essential part of ensuring sustainable energy provision for billions of people.

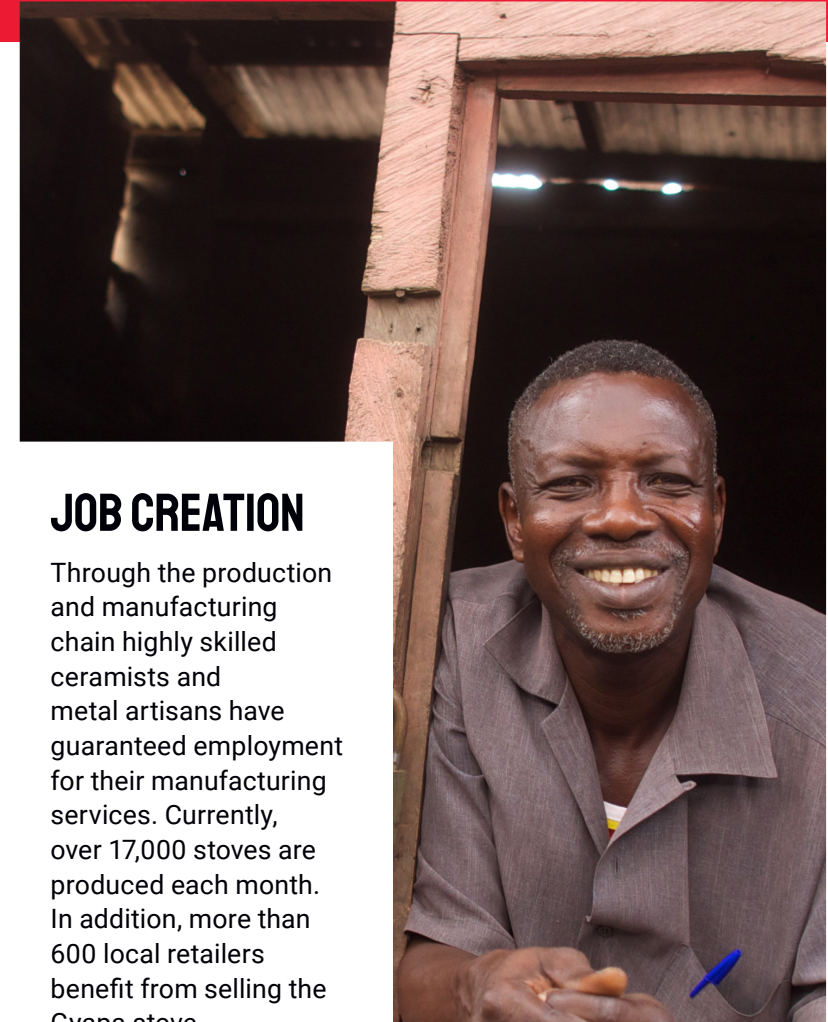
15 LIFE ON LAND



Decreases demand for wood, protecting precious forests.

**“I CAN SELL 900 LINERS A MONTH WHICH GIVES ME ENOUGH MONEY TO SEND MY SON TO SCHOOL.”**

**MR EBRAHIM ‘LUCKY’ DOWDA, STOCKIST**



## JOB CREATION

Through the production and manufacturing chain highly skilled ceramists and metal artisans have guaranteed employment for their manufacturing services. Currently, over 17,000 stoves are produced each month. In addition, more than 600 local retailers benefit from selling the Gyapa stove.

## WHAT THE CARBON FINANCE DELIVERS

Prior to the launch of this project, there was no mass market for improved stoves. This was due to the low income of most of the population and their customary use of low-cost stoves. The carbon revenues are used to ensure longevity of the project and the needs of our partners vary over time. In the past funds have been used to finance aspirational marketing using TV, radio, billboards, community demonstrations and sales campaigns. Currently these are being used to ensure quality control, which in turn drives word-of-mouth sales. Funds are being used to improve manufacturing techniques to increase production levels, and more recently in Kumasi, where redevelopment of the central market area meant manufacturers were to be evicted from their factory sites, funds were used to build a new state-of-the-art manufacturing facility.

### GET IN TOUCH:

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