

# ONE COOKSTOVE SAVES TREES, HUNDREDS SAVE FORESTS.

IN GHANA



**REDUCING  
CO<sub>2</sub> EMISSIONS**



**CREATING  
EMPLOYMENT**



**IMPROVING  
LIVELIHOODS**

Conventional cooking methods using solid fuels on open fires or rudimentary cookstoves are inefficient, unhealthy, and unsafe. Their negative impacts range from the extensive time and costs required for wood/charcoal collection to the negative impact on public health and the environment. Ghana has a 60% decrease in its primary tropical forest, among other factors due to the need of charcoal. The aim of this project is for CO2logic and its partners to support the development and distribution of efficient cookstoves in order to save millions of trees, support families, boost economic activities and improve health conditions in Ghana.

## ■ REDUCING CO<sub>2</sub> EMISSIONS AND SAVING TREES

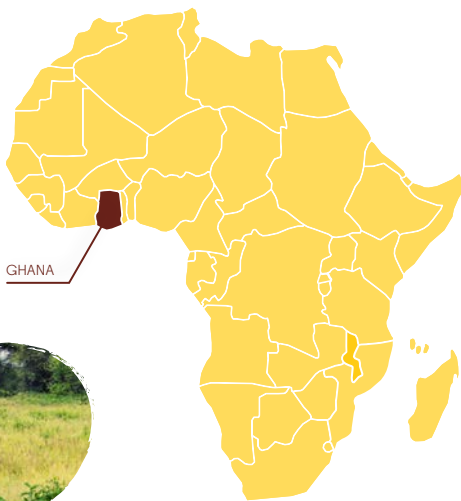
Gyapa cookstoves are efficient which means that people use less charcoal and fuel to prepare daily meals. In comparison to unefficient cooking methods, Gyapa cookstoves can reduce the use of wood and/or charcoal by 50%. This results in less harmful greenhouse gas emissions and also considerably reduces the pressure on the local forests and biodiversity.

## ■ CREATING EMPLOYMENT

The Gyapa project's supply chain supports the local industry and development. With the whole supply chain situated in Ghana, it is increasing access to the cookstoves for new customers and ensuring local business opportunities for producers and distributors.

## ■ IMPROVING LIVELIHOODS

The use of less charcoal makes these cookstoves safer and healthier. The cookstoves generate less smoke and the air circulates better which results in fewer respiratory diseases. Standard of living increases since families spend only a quarter of their budget on fuel. Women also experience a significant time gain that can be used for income-generating activities. Children, in particular young girls who are often burdened with firewood collection, now get a chance to go to school.



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# ONE COOKSTOVE SAVES TREES, HUNDREDS SAVE FORESTS.

IN GHANA

**46 000**  
COOKSTOVES  
BUILT

**3 822 000**  
SAVED TREES

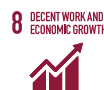
**220 000**  
TONNES OF CO<sub>2</sub>  
AVOIDED

**4 222**  
HECTARES  
PRESERVED



## CLIMATE PROJECT DEVELOPMENT

CO2logic selects only climate projects that have an impact in terms of greenhouse gas emissions but also in terms of sustainability and co-benefits for the local population. These impacts are in line with the United Nations Development Goals and respect the criteria defined by the Gold Standard, internationally recognised certification body. This CO2logic climate project proposal contributes among others to these Sustainable Development Goals :



## CARBON CREDITS ACCREDITED BY GOLD STANDARD

The Ghana Cookstoves Project is Gold Standard certified. The Gold Standard is established in 2003 by WWF and other international NGOs to ensure projects that reduce carbon emissions, feature the highest levels of environmental integrity and also contribute to sustainable development.

**Gold Standard**<sup>®</sup>



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