



GYAPA™ A GLOBAL COOKSTOVE LEADER OFFERING HIGH QUALITY CARBON CREDITS

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The Gyapa™ Cookstoves project provides clean, efficient cookstoves to families in Ghana. Each stove uses about half the fuel of traditional alternatives, saving families money, reducing deforestation, and cutting carbon emissions enormously. The Gyapa™ project is registered with the Gold Standard and has issued over 6 million tonnes of CO₂ equivalent verified emission reductions (VERs) since Gyapa™ launch in 2007.



GYAPA™ COOKSTOVES

The project strategy uses carbon funds to invest in the 100% local Gyapa™ supply chain to expand production, maintain quality control, and perform continuous monitoring to keep the stove accessible for low income Ghanaian consumers. The Gyapa™ project is the largest provider of cookstoves direct to consumers in Ghana, with over 18,000 stoves being produced monthly and over 2.6 million stoves sold in total so far. The stoves provide a superior cooking experience, are cheap to purchase, and maintain a consistent fuel efficiency performance throughout their lifespan. The stoves are also locally produced using reclaimed sheet metal and local clay, creating more than 700 local manufacturing and retail jobs in Ghana.

GYAPA™ CARBON CREDITS

The Gyapa™ project offers high quality, Gold Standard Verified Emission Reductions (VERs) to entities around the world committed to reducing their own carbon emissions. The Gyapa™ project (GS407) has been under the Gold Standard™ for 15 years as a large-scale project, and has completed nine successful verifications each with independent third-party audits. Gyapa™ carbon credits are not calculated from hypothetical lab test use, and instead, the project conducts regular kitchen performance tests with Gyapa™ users in their homes based on their actual cooking practices. Investments made with carbon financing go into the 100% local Ghanaian Gyapa™ supply chain with extensive monitoring to ensure conservative carbon credit accounting and expansion of consumer adoption.

KEY SUSTAINABLE DEVELOPMENT GOALS (SDGS)

- **SDG 13 - Climate Action**
Over 6 million tonnes of CO₂ equivalent abated emissions.
- **SDG 8 - Decent Work and Economic Growth**
Over 700 local jobs created.
- **SDG 3 - Good Health and Wellbeing**
Gyapa™ stove users report that the stove is clean to use, does not spread ash, produces less smoke, and cooks faster. Independent lab tests verify these consumer claims.
- **SDG 1 - No Poverty**
The Gyapa™ stove saves a household approximately \$120 in cash annually, due to reductions in fuel used. Gyapa™ stoves retail for under US\$10 and have a payback period for the consumer of about one month.

“Gyapa™ is one of the largest and longest running cookstove projects in the world, it is great to see just how much can be achieved when parties... collaborate on the highest quality projects to bring carbon finance to deliver towards the global goals.”

MARGARET KIM
CEO, GOLD STANDARD



FREQUENTLY ASKED QUESTIONS

Why is Gyapa™ needed in Ghana?

In Ghana, about 73% of households rely on solid fuels for cooking and millions still use an inefficient stove. Over 13,000 annual deaths are attributed to exposure to indoor air pollution from inefficient combustion. Electric and LPG stoves are often too expensive for most low-income households in Ghana. The Gyapa™ fuel efficient stove is offered at an affordable price and saves a household half its cooking fuel costs while providing a safer and more convenient cooking experience.

How was the Gyapa™ stove developed?

Gyapa means “good fire” in the local language and the Gyapa™ stove sets the standard for design, consumer experience, and high quality carbon credits. The stove was developed with local Ghanaian cooks and artisans using recycled materials. The heart of the Gyapa™ stove is the ceramic liner which makes the burning process more efficient, while the metal body is designed to meet the cooking preference of Ghana’s cooks.

How does a household obtain a Gyapa™ stove?

Ghanaian households can buy a Gyapa™ stove from hundreds of retail outlets throughout Ghana. The stove requires no cooking behavior change and from day one saves the household cash and provides a better cooking experience. Since households use their hard earned income to purchase a Gyapa™ they immediately use Gyapa™ to cook. Years of conducting verified usage surveys and kitchen performance tests document that when a consumer buys a Gyapa™ stove they use it regularly and obtain the benefits promised. With over 2.6 million stoves sold to low-income households the strategy works.

Does Relief International have carbon credits available?

Yes! Relief International concluded its 9th Gold Standard verification in January 2024 and has latest VER vintages available for purchase. All previous vintages from prior verifications are sold out.

“See that bag of charcoal over there? I paid 136 Ghana Cedis (about US \$11) for that bag of charcoal. When I used my old coal pot the bag would only last me 2 weeks. Now I have been using the Gyapa stove for over a month and still have charcoal left in the sack.”



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