

CASE STUDY

Efficient Energy Stove Project in Kenya

> Mamma Rukkiya and her family



MAMMA RUKKIYA AND HER FAMILY



Mamma Rukkiya

In her kitchen with the energy efficient stove

Mamma Rukkiya lives in a two roomed house with her husband and 3 children. She shares this house with her sister Fatuma. Mamma Rukkiya stays at home with the children while her husband works as a farmer. She makes a little money on the side by sewing and fixing clothes.

Saving time with the new stove

“I am most happy with CO2balance giving me a new stove. For me, I like very much that this stove means I have much time to do other things. You see, when I cook with the new stove, my food is cooking much faster. Much faster. So before I received the new stove me and my sister cook almost all of the day because beans take a lot of time to cook. Now the beans are cooking very fast and then the food is ready very quick. This means that my time is saved. So now I can do other things. I can sew and make more dresses and skirts for selling. And my sister can make weaving *makuti* (palm leave roof). We have both more time to do other stuff. This is why this new stove makes us so happy. So happy. We are always saying *Asante Sana* (thank you very much) to CO2balance.” says Mamma Rukkaya.

Impact the new stove has had on their daughter



“Binti is helping me with the cooking sometime. Before with the old *jiko* (stove) when Binti is helping me in the cooking she gets problems with her eyes. Binti is always telling me the smoke is making her eyes to burn. Now we are very happy with the new stove. Binti can help me with the cooking and because there is no smoke in the kitchen with the new stove, her eyes are not watering and burning. Even Binti is liking the new CO2balance stove very much.”



Mamma Rukkiya

Sewing dresses and skirts to earn some money



■ Mamma Rukkiya's son Hamisi

Impact the new stove has on to their son

“Asante Sana CO2balance. We are very grateful. Mamma is making food quickly with the new *jiko*. This makes us very happy. The stove is good because the fire and the heat is not going everywhere like with the old stove. It is going straight under the *suffuria* (pot) so the food gets hot quickly and the food cooks very quickly. This is a good thing. Today we are eating *githeri* (beans and corn) and it is tasting very good”, says Hamisi, Mamma Rukkiya’s son.

Benefits to the family

“I am happy because the *totos* (children) can run around and play around the stove and I do not have to be afraid that they will get burnt and injured or that they will get chest problems from the smoke. This stove is safe and it is good for the health of my family”, says Mamma Rukkiya.

“With positive printing you help the environment and improve the lives of the people involved.”



About CO2 balance

Established in 2003, CO2balance UK Ltd is a leading, UK based, carbon management provider offering carbon calculation, management and reduction services to leading blue chip companies including, BSKyB, Toshiba and Gaz De France. As a project developer co2balance UK Ltd creates African Gold Standard and CDM projects that focus on social, health and community benefits to the families within the project area, in addition to carbon savings.



To find out more about CO2balance, the CarbonZero stove projects and other carbon management products and services please visit www.co2balance.com

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