



Technologies for you

Driving the Climate Journey to Net Zero Ambitions



Bukona showcased their products during the second annual technologies Expo that brought together over 60 different exhibitors. The event lasted for three days under the theme;

“Showcasing Appropriate Technologies to Spur Socio-Economic Development”.

Bukona’s green energy technologies is promoted with the desire to check the deforestation in search for cooking energy; the package includes; a Bio stove, fuel and Pressure

It was organized by the Ministry of Water and Environment through the Appropriate Technology Centre (ATC) for Water Sanitation and Environment.

Special thanks to our partners; Makerere University, UNICEF Uganda, Water for People, Crest Tank Uganda Ltd and NaCORI.

It’s a Challenge: Change Paradigm and save the earth!

What a great source of smart cooking for better health!

Established in 2013, Bukona manufactures and promotes stoves that operate on ethanol made from cassava, maize and sorghum. In an effort, the company works to contribute towards achievement of Sustainable Development Goals (SDGs) i.e., SDG 13 (Climate action), SDG 7 (affordable and clean energy) and SDG 3 (Good health and well-being). Their project base is Northern Uganda where they working in close collaboration with the Archdiocese of Gulu. Bukona has so far empowered about 8000 farmers in the region

who now earn a source of income as they work to reduce carbon footprint in the country. In addition, the company employs over 200 people from Nwoya, Gulu and neighboring districts.

Bukona products are sold both in Kenya and local markets in Uganda. They maintain that, every stove sold is attributed to stopping about an acre of deforestation. There stoves are said to be 50% cheaper than charcoal and 70% cheaper than gas stoves. Besides, no smoke or smell is produced during use.

The charcoal predicament in northern Uganda



In 2020, northern Uganda lost 4020 ha of primary forest with Gulu accounting for 32% and Adjumani 23%. Despite several attempts to ban charcoal burning in the region, the practice is on the rise as communities are paid money by charcoal dealers in exchange for indigenous trees species. Lamwo district Speaker indicated that these communities are paid UGX 500,000/- for about 15 acres of trees¹.

Owing to the thriving charcoal business, villages in northern Uganda have suffered from indiscriminate tree cutting. Tree dealers have an established network of collaborators within the local communities making it hard to eliminate business².



¹ Kaguta V (2022). <https://www.newvision.co.ug/category/news/failed-implementation-of-the-reforestation-po-132700>

² Wokorach S (2023). <https://numec.org/twelve-villages-lose-woodland-to-illicit-charcoal-business-in-gulu/>

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