

# SUSTAINABLE SCHOOL COOKING PROGRAM



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## Clean energy for learning

DEPLOYING MODERN BIOMASS SOLUTIONS FOR CLEAN SCHOOL COOKING IN SUB-SAHARAN AFRICA.



### CHALLENGES OF TRADITIONAL COOKING IN SUB-SAHARAN AFRICAN SCHOOLS

School meal programs are essential to combating malnutrition, delivering regular, nutritious meals to millions of children.

Unfortunately, the majority of schools and institutions continue to depend on rudimentary cooking stoves fuelled by charcoal or firewood causing severe health and environmental impacts and wasting large amounts of resources.



## OUR SOLUTIONS

The Sustainable School Cooking Program delivers clean biomass cooking solutions to schools across Sub-Saharan Africa. Our **modern biomass solutions** enable the preparation of **nutritious meals in a healthy, sustainable, efficient, cost-effective, and practical manner.**

## OUR END-TO-END SERVICES

Initial Performance



Testing Existing Stoves

Biomass



Fuel Sourcing & Production

Cookstoves



Technology Selection

Installation



System Installation

Operation



Operator Training

Maintenance



Technician Training

Final Performance



Testing & Evaluation

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## OUR ACHIEVEMENTS

With the installation of modern biomass systems, the following results are being achieved so far in Rwanda, Uganda and Zambia:



- ✦ **Smokeless cooking:**  
Cleaner air inside and outside the kitchen
- ✦ **Fuel saving:**  
Drastic reduction of fuel consumption
- ✦ **Cost reduction:**  
Fuel costs and staff costs reduction
- ✦ **Time savings:**  
Reduced time spent on fuel and meal preparation
- ✦ **Precise heat control:**  
Better results with every meal and no burned food wasted
- ✦ **Reduced temperature:**  
Lower radiation offering cooler kitchen environment
- ✦ **Sustainable energy:**  
Use of biomass fuel sustainably produced from abundant local biomass residues



## SUPPORT OUR ACTIONS

The operations of the Program are financed through a mix of donations, development aid funding, and contributions from the school operators themselves.

**Want to support the programme? Please contact us!**



**WORLD  
BIOENERGY  
ASSOCIATION**

## EXECUTIVE TEAM & CONTACTS



**Christian Rakos PhD**  
WBA President

Working in the bioenergy sector since 1987



**Gilles Gauthier**  
Sustainable School Cooking Program Director

Working in the bioenergy sector since 2009

