

# Promotion of Cleaner Cooking Company

## Kuphika Kwaphweka

Giel de Pooter June. 2023

### Institutional Stoves supports the school feeding program How to minimize your fuel bill.

Recent figures show that the costs for fuelwood in some institutes has become up to 50 % of the annual food budget. A relatively small investment will bring this down to an acceptable level!!

In schools and other institutes a wide variety of 100 – 300 l cooking pots are being employed.

- Cooking on open fire consumes a lot of wood and creates an extremely unhealthy environment for the cook.
- Metal constructions are only slightly better.
- Electrically heated pots are often out of use because of maintenance problems and frequent power outages.
- Most masonry stoves consumes even more wood than open fires and need costly maintenance every semester.

### SaverPro 100 Wood (Inst. Stove)

A stove equipped with a 100 l pot has been specially designed for larger groups of people like (boarding) schools and prisons. The Envirofit 100 l Institutional Stove couples an extremely high thermal efficiency (80 % less wood compared to open fire) and 50-70 % reduction in cooking time with an absolute smokeless environment.

Fuel Reduction up to: 80%

Cooking Time Reduction  
up to: 50%

Toxic Emission Reduction  
up to: 80%

(Chimney virtually eliminates toxic emissions from the home)



 ENVIROFIT™

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Two of these stoves are already for 7 years in use by the missionaries of Africa in Balaka  
The chimneys provide a completely smokeless kitchen.



Recently an alternative fan-driven stove has been developed in India

**KEY FEATURES**

 Pellet Fueled  
Forced Draft

**SPECS**

**SAVINGS\***  
Fuel Reduction up to: 80%  
Cooking Time Reduction up to: 50%  
Toxic Emission Reduction up to: 80%

**PERFORMANCE**  
Efficiency Improvement: 5x  
Estimated Lifespan:\*\* ~5 years  
Time to Boil\*\*\*48 min  
Capacity: up to 400 people

\*Percent reductions as compared to  
INIA Tier 0.3-stone fire baseline  
\*\*Based on proper usage and  
maintenance  
\*\*\*Based on 75 liters of water

## SAVERPRO AGHANYA

PROFESSIONAL MULTI-FUEL STOVE



Made for India, the SaverPro Aghanya is a powerful stove that can quickly feed schools, institutions and communities. An integrated forced-draft blower increases combustion efficiency so fuel lasts longer while reducing smoke. The SaverPro Aghanya is a multi-fuel stove that burns woodchips, pellets and other biomass.