

THE JOY OF BIOGAS.

Having lived off the grid for 10 years without its unseen issues and vast learning curve, the next mission was to stop the K.shs: 15,000 a month LPG gas bill, which continues to escalate and the endless cost in fuel when trying to find the gas. Lordie!

I have lived not allowing any of us to cut trees for a decade and used minimal charcoal. We use briquettes for warmth, when needed, three months of the year.

Bring on biogas, knowing we have an endless supply of cow phoo! Cost all that methane going into the air and making a bigger hole in the ozone layer. I must do my part to stop that. Luckily we have a good inventor in Kenya who has been working on producing a cheap affordable biogas digester. In comes Dominic Wanhia.



*INSTALLED
09/04/11 WHOW!
TO PROVIDE
COOKING GAS FOR
TWO GAS RING
STOVES AND A GAS
WATER HEATER
FOR KITCHEN
WASHING WATER.*

A canvas bag (movable) placed in the sun. With a cow pooh feeding funnel. The gas comes off in the pipe in the centre of the bag. Sacks of soil/stone placed on the bag to help with the pressure. Due to the gas demand, boiling water, cooking food for seven people and preparing the food for six dogs.

We put 80 litres of cow pooh mixed with water in every three days. So filling it twice a week. It cost \$1,000 and we had paid for it in five months. Not denying we had to buy one cylinder a month for the first few months as we were learning how to use the biogas. It is different.

WONDER FERTILISER.





Its a win win situation, the watery fertiliser that comes out the other end is just magical. No methane, so no harm to the air we breath but we mix it with water and give it straight to the plants. Helping to grow the sustainable food forest we so need here in Kenya and the food crops.

LIQUID
FERTALISER

TREES
IMPROVING
WITH THE LIQUID
FERTALISER



Enjoying the ride.

So we have invested in another and given them a greenhouse to get more heat to create more gas. Wanting to power a posho mill, generator, stove, solar dryer, shower hot water heater. Possibilities are endless and a win win with double the fertiliser. All good stuff and we are getting ECO GREEN!

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