



Friday March 3rd 2006

Evaluation of stoves

There are 2 kinds of stoves built, one is built by the NGO named TATADO, and the second one, which we have built is constructed by another NGO named MIGESADO. Our mission for today was to evaluate the stoves when it regards to efficiency, costs and what the end user has to say and recommend. We travelled to a school named Farkhwa Primary School located in the Dodoma district. When we had travelled about one hour, it was time for a flat tyre again. While the tyre was changed, we had a walk along the road as it is nice to stretch the legs from time to time as we daily are on the road for several hours.



We arrives to the school and the teachers and the Head master are welcoming us, the children is all around us as usual. This school has been choosen for evaluation as they have one stove from each NGO so we do not need to visit another school which is positive.



We look at the stoves, the TATADO stove is very high and have very big pots, they are so big that it should nearly be impossible for the cooks to lift those pots from the stove as they first need to lift the pots vertically before they can be removed from the stove.

Children watching us

NGO	Stove	Pots	Firewood	Smoke	Comments
T A T A D O	The stove is too high, the cook needs a chair or pallet to stand on, otherwise the cook will not be able to look into the pot or work with the food inside the pot.	The pots are too big and not so easy to remove from the stove. The pots are also very expensive; the cost per pot is USD300 each and is imported from India.	The stove need absolutely dry firewood otherwise it is impossible to start up the fire.	The combustion chamber has a smoke channel high up where the pot is, which means that the smoke needs to pass at the side of the pot before going out to the chimney. The result is that smoke is "leaking" at the side of the pot and gets in to the kitchen.	The cooks think that the most negative with the stove is that the firewood needs to be dry. The positive is the cooking pots size as they do only need to prepare one round of meal.
M I G E S A D O	Height of the stove is good and is very efficient. Negative is that the lid to the combustion chamber is loose and needs to be repaired. This can be made by a local fundi.	The pots are easy to handle due to its size and are easy to move to and from the stove.	Opposite to the TATADO stove, this stove does not need completely dry firewood to work properly which seems to be very positive.	No smoke in the kitchen from this smoke, works very well.	The cooks are very pleased with the stove, it is efficient and no smoke. Negative is the lid to the combustion chamber but can be repaired. Another comment is the size of the cooking pots, they need to prepare more that one round of meals due to the size of the pots. But this can be fixed by having another MIGESADO stove.



TATADO stove



MIGESADO stove



Today's meal, ugali

We are taking a look at around the school and it is very proper and has nice flowers in the compound. They are also constructing a new school building which is to replace an old one from the forties. We look at the store room as well to find out how it looks like to secure that the food is stored properly. Everything is proper and they have a good scale for weighing the ingredients when to prepare the daily meals.



Farkhwa Primary School



Checking the scale

The today's mission are fulfilled and we can return to Dodoma.



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