



NSIMBI EDUCATION CENTRE

STATUS UPDATE

SEPTEMBER 2022

PREAMBLE



BIOGAS PLANT

- The biogas plant is in operation.
- The bio digester is fed by the bio gas toilets supplemented by waste from the chicken project.
- Gas is produced and used in the school kitchen for meal preparation.



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The chicken droppings are collected and fed into the bio digester.



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Manually feeding the bio digester with the chicken droppings.



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The gas is then transmitted to the Kitchen.







BIOGAS PLANT - ADVANTAGES

- ▶ Quicker and timely meal preparation for the staff and students.
- ▶ Cleaner form of energy giving us a safer kitchen environment
- ▶ Reduced cost of meal preparation. Previously, we used 4 truck loads of firewood but that has been reduced to just one in a school term of about 03 months.

This has in turn reduced the deforestation rate and associated environmental and financial implications.

- ▶ The bio-sludge is used as fertilizer in the school gardens.
- ▶ Increased number of toilet stands available.

BIOGAS PLANT

- ▶ The biogas project has had a tremendous impact on energy efficiency, and reduced cost of meal preparation.
- ▶ Thankfully, we have not experienced any major challenges. We did however, have to employ an Attendant to ensure the bio – toilets are used properly and to maintain a high level of cleanliness.

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DORMITORY BUILDING



DORMITORY BUILDING

- ▶ Half of the new dormitory building has been completed and is currently habitable.
- ▶ Doors and windows have been fitted. First layer of undercoat(pre-paint coat) was put. The students now use this section.
- ▶ Ten bathroom cubicles were constructed for use by the students residing in this dormitory.



- The opening up of this dormitory has eased the congestion in the boys' dormitory and created more room for an extra classroom which was urgently needed due to the growing school population.





The ten bathroom cubicles for the students residing in the new dormitory section



DORMITORY BUILDING

- ▶ The second part of the dormitory is still under construction.
- ▶ In August, we received a sum of \$1000USD from Mr. Carsten Bruun which was a gift on his 70th birthday. The money was used to purchase 10 window and 3 door frames which were fitted on the second half of the dormitory.



DORMITORY BUILDING



CORONA CONSTRAINTS - STUDENTS

- Increased cost of production has resulted in high prices of food and other utilities required at the school. Formerly students were provided with stationery but this is no longer possible.
- Increased cost of running the school though unable to increase fees due to circumstances the parents are facing.
- Increased number of school drop-outs due to;
 - Inability of parents/guardians to pay school dues resulting from growing levels of unemployment.
 - Some pupils felt too old (grown up), psychologically unprepared, to return to school after the lockdown.

CORONA CONSTRAINTS - STAFF

- Many teachers got involved in petty trading, to make ends meet and it has become difficult having them prioritize the school.
- A number of them were lost to export labour as they embarked on journeys seeking employment in Arab Countries where they could earn during school closure.

EVERYDAY LIFE AT THE SCHOOL



GREETINGS FROM THE NSIMBI FAMILY

END OF PART 1