



Welcome to our biweekly newsletter, keeping you up-to-date on the progress of construction on Kathy's Centre in Uganda.

We are constructing a health centre and kindergarten space for the community of Mayuge, Uganda.

EfOD NW: An Update from Uganda Week 9&10

A SUMMARY OF THE LATEST SITE ACTIVITIES AT KATHY'S CENTRE

27/10/16

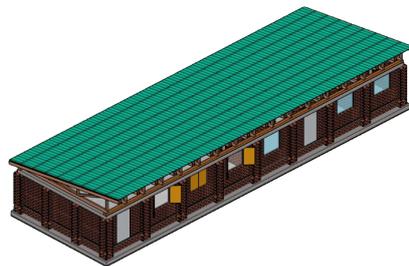
Kathy's Centre: An Introduction

We are a charity who deliver projects to improve the health, hygiene, education and self-sufficiency of poverty afflicted communities. These projects are designed and constructed by young professionals from the engineering industry. As the North West branch, we are currently working on Kathy's Centre in partnership with Act4Africa, who are based in Altrincham and carry out operations in Mayuge District, Eastern Uganda. Kathy's Centre will be operated by Act4Africa and design and built by EfOD NW volunteers. It will provide a base for Act4Africa's staff at the heart of the affected area allowing them to gain key connections with local authorities and tailor their operations to better suit their needs. It will also provide an education centre with Kindergarten classes for the most vulnerable during the day and a youth centre at night to provide social activities for youths.

A major objective of the project is to empower and educate the local community in modern construction technology. To achieve this, we have teamed up with Haileybury Youth Trust (HYT) in Uganda, to build better futures for the people. Our collaboration will ensure a quality building is constructed whilst simultaneously educating the local community.

Design: Overview

We have designed a one storey building, using a reinforced concrete frame with interlocking brick wall in fills. The foundations are reinforced concrete and a ground bearing floor slab. The roof is made from several timber trusses.



Site Progress: Week 9&10

The fifth pair of volunteers to visit Uganda were Zak Zones (AECOM) and Giles Colwill (Woodgroup). Zak is Chairman of EFOD North West and has been instrumental in driving the project forward over the last year. Zak and Giles flew out to Uganda on the 26th September 2016 with the aim of progressing with the superstructure.

Their first task was to level the ground slab that had been poured the previous week. This involved training the HYT employees to use a dumpy level to measure the level of the first course. This provided an accurate base for the first few brick courses to be laid. In parallel to this, the area for the Ecosan toilet was cleared, marked out and the foundations were excavated.

The team then worked with the site foreman to design and build a jig for cutting the rebar for column cages, which made the tasks easier and improved the quality. The bottom half of the columns were then poured using concrete mixed on site. Scaffolding was then assembled in preparation for laying the higher courses of the wall. Personal protective equipment was provided for all the site operatives working above head height.

To view a 360° photo taken during Week 8 following the construction of the concrete slab, use the following link: <https://goo.gl/maps/k2GYAjoE3Yq>



Using the ISSB Press



Continuing the Superstructure



Our team with the site workers

Zak and Giles were really pleased with the progress they made over the two week period, which marked a significant milestone of being 50% through the construction programme. To celebrate this a party was held at Betty's Guest House for all those involved with the site work.