

African Revival Zambia: Kansumo and Mabuyu Schools Final Report for Latrine projects



Kansumo Pupils



Mabuyu Classroom Block built by AR

The Schools:

Kansumo Community School lies about 30km from Kalomo town in the South-Eastern part of Kalomo District. The school serves a number of villages and currently there are over 202 pupils enrolled. The main sources of income for the 200 families in the area are subsistence farming, e.g. growing maize, rearing goats, cattle, sheep and chicken.

The school was founded in 2007 by the community. By now there are 3 teachers who provide education from preschool up to grade 7. They have a basic classroom block with a thatched roof and 20 desks, and are working on a second block.



Kansumo community meeting, May 2018

Mabuyu Basic School lies about 24km northwest from Kalomo town. The school has currently over 530 pupils enrolled. African Revival first engaged with this school in 2013 when we constructed a classroom block. The main source of income for the 160 families in the area is subsistence farming.

The Project:

With the donation from The Walker Foundation, African Revival started to upgrade infrastructure of the two schools as part of our wider Girls & Sanitation Programme. Together with the community we prioritised latrines because the existing latrines were insufficient and in poor condition. The schools were at risk of closure by the Government – the Government standard is a latrine pupil ratio of 1:20. Mabuyu's ratio was 1:67.



Mabuyu latrines, May 2018

Poor sanitation facilities at rural schools disproportionately affect young girls, who often choose to stay at home during menstruation, or drop out of school all together. Our girls' latrine design incorporates a private washroom/changing room for girls, ensuring they feel more comfortable to attend school during menstruation. We also provide handwashing facilities to contribute to fighting the spread of diseases - reducing staff and student absenteeism.

The Walker Foundation donation has enabled African Revival Zambia to construct at each school a block of 4 VIP (Ventilated Pit) latrines for girls with a washroom attached, a block of 4 VIP latrines for boys with urinal attached and a block of 2 latrines for the staff. We have also provided 3 permanent handwashing stands and a workshop on maintenance for the school management.

Project Progress:

Kansumo: in May our Construction Coordinator Dave Sangweni held a meeting with the Parents and Teachers Association (PTA) at Kansumo School. He explained what was expected from the community – providing upfront material such as stones, bricks and sand and the digging of the foundations. We believe the community contribution with material and labour creates vital community ownership.

During the month of June the Kansumo community worked to complete the required upfront material. This included 30,000 burned bricks, 4 truckloads of river sand, 2 loads of small stones and 6 loads of larger stones for the soak-away. Instead of a truck the community uses ox-carts.



Meeting with the PTA at Kansumo, May 2018

In July Dave marked the place where the latrines would be built with the Buildings Officer from the Zambian Government. The Kansumo community started with digging the pits. This is hard work; the pits for the girls' block are for example 8 by 3m and goes 3 meter deep!



Bricks for latrines at Kansumo, June 2018

The community members worked really hard but even with extra strong picks they struggled to get deep enough because of the rocky soil. We paid some young strong men to complete the works to avoid more delay. By the end of September the digging at Kansumo was completed.

Digging at Kansumo, July 2018



Start of construction at Kansumo, September 2018



By the end of November the structures at Kansumo were up ready for the roof. In mid-December the structures were completed.

Inspection by the Buildings Officer of the Ministry of Education at Kansumo, November 2018



preparing and transporting 30,000 burned bricks, 4 truckloads of river sand, 2 loads of small stones and 6 loads of larger stones, and digging the three pits of 3m deep. The contractor started in November. They are one of our more experienced contractors and delivered fast and good work. The structures were ready by mid-December.



Mabuyu progress, November 2018

Mabuyu: Our Construction Coordinator Dave Sangweni contacted Mabuyu Community School in September to assess whether we could construct latrines at the school before the year-end (rains start in November so most of the building has to be completed). Although a tight timeframe, he concluded we should be able to make as the community had most of the upfront material ready and were very keen to get this project started.

Inspection of upfront material at Mabuyu School, September 2018



Similar to Kansumo the community made a great effort before we could start construction: manually

Mabuyu: boys' & staff latrines blocks, mid-December



Final product - Permanent hand washing facilities, with boys' latrine block in the background, Mabuyu



Project Impact:

The 732 pupils that regularly attend Kansumo and Mabuyu Community Schools, along with their teachers, families and the local community, are the direct beneficiaries of this project – increasing year on year as more children pass through the school. There are now 10 more latrines at each of the schools, plus urinals, washrooms and permanent

handwashing facilities. Providing good sanitation facilities will help these schools secure good teaching staff. The attraction, and retention of well-trained staff is very important in rural schools - research conducted by Stanford University found 'high value-added' teachers can generate significant additional earnings for students during their lives. Over time improved education in the district will have numerous positive impacts. Improved education has a causal and direct impact on many social markers such as: sanitation, health and mortality, nutrition, and civic participation - all aiding rural development, and eventually lifting children and families out of poverty.



Final product – Boys' block, Kansumo & Mabuyu Completion Certificate



In 2019 we will be back at both schools with our Girls & Sanitation programme; teaching the boys, girls and parents about sanitation. Girls aged 12 and older will be instructed on menstrual health by our Health Technician, Miyoba. She will provide these girls with washable pads so that they don't need to miss another day of school during menstruation.

Finance: This project was implemented at a total cost of £13,399.85. Please find full Budget vs Actual attached. The project cost was achieved because transport costs were shared between the two projects, and a favourable exchange rate resulted in a £1,743 exchange rate gain.



Mabuyu Pupil Below and staff block above



For more information about this project and further projects that require funding, please contact inge.akerboom@africanrevival.org in Zambia or elaine.miller@africanrevival.org in the UK office.

**A KANSUMO COMMUNITY
SCHOOL PROJECT
IMPLEMENTED
BY AFRICAN REVIVAL
FUNDED BY THE
WALKER FOUNDATION**

DATE INSTALLED DECEMBER 2018



Plaque & girls block at Kansumo



*A huge **thank you** from Kansumo and Mabuyu pupils, teachers and parents.*