

Isle of Man Government International Development Committee Project Report

DO! Developing Orphans
Isle of Man registered charity 1145

Broadway Primary School, Padibe, Lamwo District, northern Uganda, Uganda Construction of a block of 3 classrooms



Completion Project Report SG 006.14

28th April 2015 by Patricia Wiles Secretary Trustee DO!

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DO! Developing Orphans IoM 1145 **Broadway Primary School, Padibe, Lamwo District, Uganda** **Construction of a block of 3 classrooms**

International Development Committee Completion Project Report **SG 006.14**

International Development Committee Grant **£28,167.00** in total
Initial instalment donation of **£25,350.30**, 90%

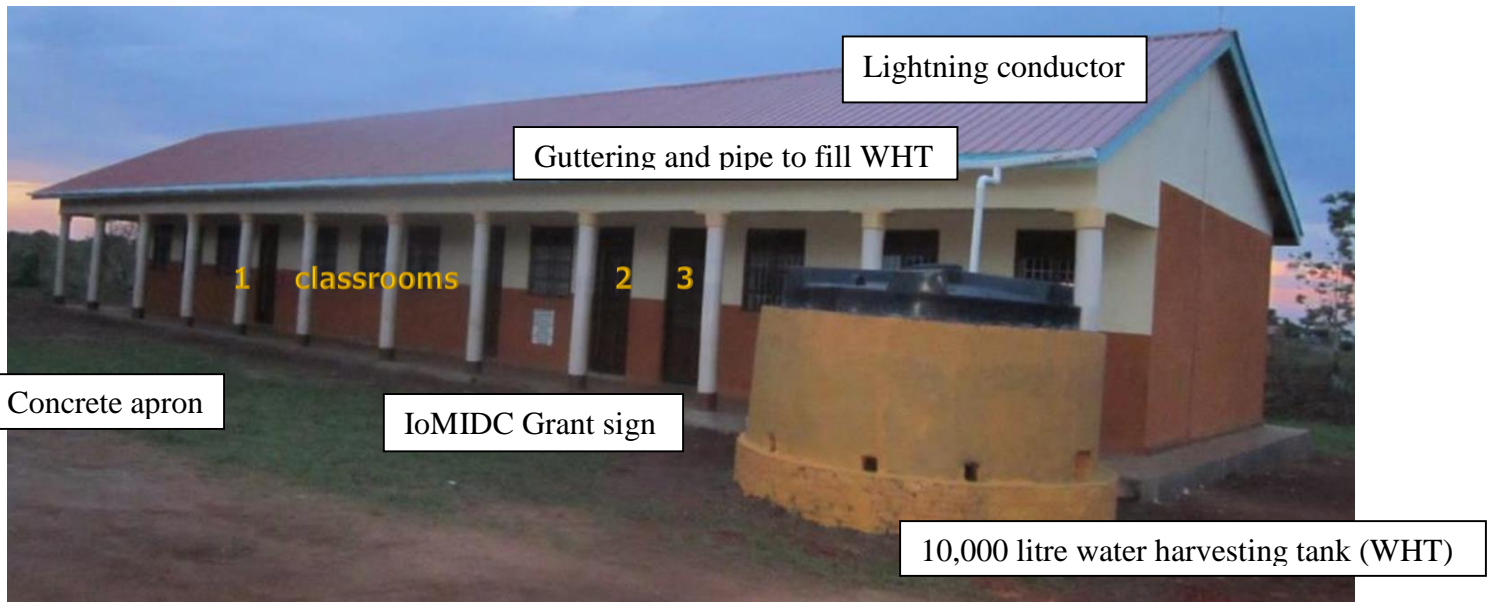
1. Aims and objectives

DO! Developing Orphans aim is to deliver primary education to the children of Padibe, Uganda helped by this IoMIDC grant to build a classroom block of 3 rooms.
All 5 objectives of the project were met.

A well- constructed block of three classrooms has been built at the Broadway Primary School, Padibe, Uganda. This means all Primary classes P1-7 now have their own designated classroom.

A lightning conductor has been attached to the block to ensure the building and its occupants are safe should lightning strike, minimising the risk of fire. Lightning is a significant problem in the hot dry season as well as in the wet season.

A smooth concrete apron goes around the building to enable disabled children to access the classroom block and the individual classrooms easily.



Guttering has been attached to one side of the classroom block roof, draining to a 10,000 litre water harvesting tank to enable capture of the wet season rain. These water harvesting facilities will ensure the classrooms have hand washing facilities for the children's hand hygiene and health.

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2. Project activities

All stages of the Broadway School, Padibe, Uganda Classroom block building work have been photographed. Photos are attached as a pdf to the email with this report.

The funds arrived one week before the end of the school year so a ground breaking ceremony was held on Friday 28th November 2014. Pupils and parents were present, alongside Officials from the Department of Education, including the District Inspector of Schools who cut the ribbon.

The ground was cleared professionally to get the right dimensions and shape for the block of three classrooms.

All the other work stages have been built using just manual labour and very basic equipment (note the ladders in the photos), though materials were transported by lorries.

The foundations were dug manually and quickly because there was a lot of unskilled labour around wanting money for Christmas and 2015 school and college fees. Payment was by results. 5,000 Ugandan Shillings for each metre to a depth of 2 feet.

A key element to keep the building in good condition long term, was the application of an anti-termite treatment to the foundations which is guaranteed to keep the area termite free for 10 years minimum.

Material was sourced from the local community with the hard core to form the base of the concrete slab and the sand and aggregate used to make the concrete bought directly from the people digging them out of the ground. Cement and iron bars were purchased from local businesses.

A smooth concrete slab was formed, becoming the floor of the classroom block. The concrete slab and the fired brick above ground walls were reinforced with bars and mesh to make sure the building is strong.

Qualified Masons built the walls supported by labourers ferrying the sand and bricks as required. Women carried the water required to mix the mortar.

The roof was constructed by using metal sheets supported by a ring beam and nailed to the trusses. As the Broadway School have gone for a red painted roofing sheet to prolong the roof's life a special batch had to be produced in the Kampala factory to give the required number of sheets of the exact 5.4m. size to fit between the trusses.

Right at the beginning of the project the metal doors and window frames were ordered and a pre- payment made for the metal required. The windows and doors need to be made of metal to avoid being destroyed by termites. As it was the dry season and the power was available the Welders fabricated the items in good time for their installation into the building. Glass too was ordered early and installed once the window frames were in place.

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The classroom block was rendered, plastered and painted by the relevant local tradesmen. The blackboards on the three classroom walls were also painted on with special blackboard paint.

Attaching the copper lightning conductor to the roof and earthing was one of the last things done partly because we had to wait for the tip of the lightning conductor to be supplied.

Enabling wet season roof rainfall to be harvested the front of the school building was fitted with guttering attached to a plastic 10,000 litre water harvesting tank. As the school has a lot of children playing near the water tank and potentially damaging it, the tank was surrounded by a concreted wall with several outlet sources to access the water.

It was easier to keep the project on budget because it was constructed over a shorter period of time.

3. Timeframe

Receipt of the funds from IoMIDC in November 2014, was at a perfect time to enable the activities to run smoothly and faster than anticipated in the budgeted timeframe.

The building was completed week ending Friday 24th April 2015.

Originally scheduled to take 10 months, the building has been completed in 5 months.

The funds arrived one week before the end of the school 2014 year, in time for the long, dry season, two month school holiday, so the classroom block building activities benefitted from a number of factors:

- The roads were dry so the materials to be transported easily
- Power was available (often supply is affected in the wet season by power lines going down) for the door and window fabrication
- Plenty of unskilled labour was available to dig the foundations, as Students were back home for the holiday needing to earn money for their education the following year
- The project manager was Broadway School headmaster Okoya John Calvin who could devote his energies full time to the construction supervision, as the school was closed for the holidays
- Okoya John Calvin (OJC), having built the other two classroom blocks at the school, had a well thought through plan of how to get the materials to the site on-time, in the right quantities
- OJC engaged the competent masons he had previously used, who had good building skills to deliver a quality building in a timely way
- The Broadway School pupils were on holiday so there were fewer site safety issues to contend with
- This also meant that the construction workers could live on –site sleeping in an empty house near the school rather than go home to their villages every day. The workers were able to start early and finish the working day late
- With full funding in place thanks to the IoMIDC grant, funds were therefore available for each stage immediately, not dependent on additional fund raising in the Isle of Man.

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The classroom block was finished at the end of the School Term 1 2015. It will be occupied from the start of Term 2 2015 25th May by Primary Classes 2, 3, 4.

4. Replication

The big lessons from this project were

- the ability of the headmaster to focus fully on the early stages of the build rather it be a part time activity fitted around running the school
- having all funding available at the start
- timing - start and finish unaffected by wet season problems, so put more trades people in, and take less time to complete a build and benefit from favourable weather conditions

Use elsewhere

DO! Developing Orphans has bought the land next to the Broadway Primary School in the hope that at some future time a secondary and vocational school can be built. So rather than building each building in sequence maybe building a couple of the buildings needed in the more favourable weather conditions. To do this, we need to ensure we have all the funding in place so there is a continuous build rather than the stop start of the previous two classroom blocks funded by DO! for the Broadway Primary School.

5. Development education

Do! Developing Orphans was involved with the One World Centre Charity Challenge 2014-15. DO! had a stand at the student "Meet the Charities" day so all the high school student attending were able to see the work and talk about development issues with the team manning the DO! stand.

A team from King Williams College took up the challenge on behalf of DO! learning about the issues in northern Uganda facing the destitute post LRA war child headed orphan families; their need for education and DO! resolving this by building a primary school to which 39 of the orphans attend. Highlighted in this was the support of the Isle of Man International Development Committee for the Broadway Primary School classroom building project.

In relation to this DO! / IoMIDC project presentations have been made to a number of organisations and individuals including Broadway Baptist Church in September 2014, Lonan Men's Fellowship January 2015, The Guild of St. Bride, Onchan Women's Institute March 2015, and The Manx Stroke Foundation March 2015.

Future talks are planned communicating the IoMIDC Broadway Classroom project and the general work of DO! at the DO! AGM on 18th May 2015 and the Oldies Tuesday Autumn Group at St John's 30th June 2015.

DO! as in 2014, will have a stand in the One World Centre Global Village on Tynwald Day. The 2014 DO! Highlights sent to donors and sponsors at Christmas 2014 featured the ground breaking ceremony for the Broadway Primary School 3rd classroom block. It stated

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the funding was a grant from the IoMIDC. This document was sent to donors in Australia, United Kingdom and Switzerland as well as those in the Isle of Man.

Onchan Library featured DO! and the work it does for one month January-February 2105. Our work was shown using an information display stand and window display. The DO! exhibition was also communicated on the Onchan Library web-site. The work DO! undertakes was well received by all the library users.

Trustees were street collectors, through the One World Centre, for the DEC Ebola emergency appeal and hope to do so for the Nepal DEC appeal at the beginning of May 2015.

6. Beneficiaries

The initial impact of over £28,000 going into the Padibe economy has been great for the building workers, suppliers of materials and services and the wider population who benefitted from the cash injection indirectly.

The classroom block itself, is of long term benefit. Currently there are 163 pupils in classes up to Primary 4 level. From term 2 2015 three of these classes will use the new block because it is light and bright.

The school is not at capacity as it has to "grow organically" the pupils for the later class years Primary 5, 6, 7, as parents usually do not move the child to a different school at later stages.

We still expect the level of beneficiaries over the 7 years of Primary Level Education to be 400 pupils and staff including teachers, cooks and head master, and indirectly 1600 including parents and siblings. From next year, 2016, as pupils move to Primary 5 two more teaching and two assistant posts will be created. This will continue for the following two years as the school grows and has pupils in each primary year.

It is already apparent that the people and local government of Padibe and Lamwo District are gaining a well educated population to help future progress of the Padibe area.

Sent separately are two videos taken in April 2015 of two of the Akobi orphans who have been at the school for four terms and are thanking sponsors and donors generally in English. Taking into account their destitute circumstances in 2011, brought up by siblings not much older than themselves the standard of their English and the way they communicate is excellent and encouraging for future prospects.

Mentioned elsewhere in this report the District Education Officer has written positively about the school and its impact on the local population.

7. Community involvement

The wider community over the construction period built up a relationship with the teachers and the school which longer term will mean more children coming to the school because people were impressed with the standard of construction of the classroom block.

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The community, where they had goods and services needed for the construction, benefitted financially. Their income would then have secondary benefits in the community as they spent the money received through the school build.

26 qualified builders worked on site with a number of them buying oxen with the proceeds of this employment to enable them to improve their farming activities.

The students manually digging the foundations earned their school fees for the first term of 2015.

Water was brought to the construction site by women, who had been selected by the Project Supervisor on the basis of need, having children to provide for but drunks for husbands and others from the local hospital who needed to pay their hospital costs. Unskilled labourers to carry the materials where they were required, painters were also employed on –site.

Off- site Welders, glass fabricators and the Kampala roofing factory all gained valuable business. Materials such as hard core, sand, aggregate and the fired bricks were all bought from people in the community. Local businesses supplied the cement and iron bars. Drivers and vehicle owners that transported the materials benefitted.

Something not considered earlier was the knock on effect of the 26 builders needing to be fed over the 5 months so local sellers of maize and beans and the farmers that grew the food all benefitted.

8. Liaison with relevant authorities

The Broadway Primary School is in the Lamwo District of Uganda. The District Inspector of Schools for Lamwo has been encouraged to give advice by headmaster Okoya John Calvin on school building requirements and the Ugandan Primary School licencing approval process.

The District Inspector was invited to be the officiating dignitary at the project's start, cutting the ribbon at the ground breaking ceremony in November.



The classroom block funded by IoMIDC SG 006.14 was the final building needed for the school to have the complete number of classrooms in which to give a full primary education.

The Lamwo District Inspector of Schools visited the school in April 2015. He ran through a checklist of 20 items on an assessment form for registration for a Private Primary School, as required by the Ministry of Education and Sports. He was very pleased with what he saw and is keen for the Broadway Primary School to have an Inspection Team from the Ugandan Ministry of Education as soon as possible to enable it to be an officially licensed school.

Barnabas Langoya, the Lamwo District Education Officer, February 2015 wrote about the Broadway Primary School "The District is impressed on the education developments

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currently undertaken in this school as it will promote an educated and self-sustaining population in the area”

9. Sustainability

The Broadway Primary School is a fee paying private school which aims to give the very best of primary education in English, as well as the local Luo language, to enable the children educated there to have many options in life.

The school fees are set at a realistic, sustainable level that are affordable to parents who value education.

75 % of the pupils have their fees paid by their economically active parents.

25% of the pupils are orphans from the child headed orphan families of Padibe and Akobi that Do! has helped become self-sufficient. The fees of these orphans are paid by DO!.

Over the past two years DO! Trustee Patricia Wiles has been educating headmaster Okoya John Calvin in business planning, financial planning including costing, and marketing to ensure that the school is financially viable with the numbers of pupils it currently has.

DO! is in regular contact with the headmaster of the Broadway Primary School and so follow up information and photographic material can be supplied ongoing should the IoMIDC require them.

10. Monitoring and Evaluation

From a Corporate Governance point of view Pat Wiles DO! Trustee is planning to visit the school at the start of Term 3 Monday 7th September 2015 (paid for with her own personal finances). She will spend a week at the school with the staff and pupils. She hopes to meet the District Education Officer and the District Inspector of Schools for the Lamwo District to hear their views on the Broadway Primary School.

As DO! has orphans attending the school for the foreseeable future, the ongoing use of the classrooms will be monitored. Our DO! children will be among the first Broadway Primary School pupils to take the Primary Leaving Examination (PLE) taken by pupils in their final year of primary school, and so DO! will have a good indication of the performance of the school in attaining good examination results.

11. Millennium Development Goal

Universal Primary Education is the Millennium Development Goal listed in the proposal.

The Broadway School without the classroom block build IoMIDC funded would not be allowed to operate. It would be deemed not to have all the facilities required, and hence there would be one less school in the Lamwo District and so less chance for a child in Padibe to have a primary education.

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The DO! SG 006.14 grant application mentioned that in June last year (2014) the Lamwo District Inspector of Schools had closed a number of primary schools because of their lack of facilities and poor teaching.

Broadway Primary School was given a good report for the quality of both the teaching and the construction of the buildings to date.

12. Budget

The Broadway Primary School classroom block build budget was set only 2 months before the grant funding was given, the exact costs had been checked with suppliers and so it was an accurate reflection of what the final cost would be.

The fortunate timing of the small grant funds meant that the project did not drag out and incur delays due to weather which would have added to costs.

The expenditure was closely supervised by Okoya John Calvin and he aimed to buy the best quality materials in the construction to ensure the building lasts.

DO! Developing Orphans in the Isle of Man monitored expenditure to ensure it was kept on budget. Invoices for the raw materials and labour for each stage were agreed and scanned receipts were received from the suppliers.

A photographic record of each stage of the classroom block build was supplied before funds were sent out for the next stage.

By focussing on each stage, the budget for that stage was tightly controlled. (Previous learnings had found that building costs escalated when more than 1 stage build funding was sent at once as there was always money to solve problems rather than tighten negotiation).