

The Butterfly Tree
nurturing those in need



ANNUAL REPORT 2015 - 2016



UK Charity No 1118084

THE CHAIR'S REPORT

It's hard to believe, that in January this year, it was ten years since I first stepped onto Zambian soil. Little did I know that during the next decade I would return to this beautiful, but very poor, country and be running a charity both in the UK and Zambia, besides having a following of supporters from around the globe.

What is even more amazing is that most of the volunteers who joined me in 2006 are still helping me, and that to this day we have not changed our original concept. The charity's philosophy is to ensure that all donor funds go directly into grass roots projects, and that no personal fees or administration costs are deducted. I am delighted to say that we have been able to sustain this belief over the years.

The 2015-16 financial year has been another great period for the charity and its beneficiaries. Despite raising less funds than the previous year, we completed more projects and gained a number of new donors, as well as new partnerships.

On the education front, we completed a huge development at N'gandu School, using grant aid with the help of volunteers from Jersey. Kamwi, Muchambile, Singwamba, Kauwe and River View Schools also underwent considerable expansion. The additional facilities included new classroom blocks, latrines, a school shop and a mobile science laboratory.

The core of all our work revolves around the welfare of orphans. With 1.2 million orphans in a country with a population of just over 15 million, a great deal of support is needed. We continue to attract new sponsors, but the more orphans we support, the more time is needed for administering the programme. To maximise the use of the sponsorship funds we are unable to provide regular feedback on each individual orphan. Therefore I would like to thank everyone for their understanding of the need to avoid any charges so that the funds can be used to educate and provide food for the orphans.

Every year the number of orphans completing a full basic education increases; and it is extremely rewarding to know that so many have gone on to seek further education or employment. Currently there are ten students being assisted to boarding establishments or colleges. For the ones that are awaiting opportunities we have enrolled them in volunteer programmes, most especially with the peer education for HIV prevention and malaria prevention programmes.

As always HIV is a major issue, especially in Mukuni Village and areas surrounding Kazungula. Both are border towns to Zimbabwe and Botswana respectively, as well as being close to major tourist destinations. Educating the young people about the dangers of HIV and prevention of the virus is crucial. Alcohol and drug abuse lessons, as well as early pregnancy prevention, are included in our workshops, which are proving to be highly invaluable.

The lack of safe drinking water in rural communities and schools is also a great concern. Three more bore holes were donated to Bunsanga, Siachikubi and Sinsimuku Schools. This helps to reduce diarrhoeal diseases in children, saves time on collecting water, and during the dry season it provides irrigation for school gardens. The charity has funded a feeding programme at Mukuni School for almost ten years. A further sixteen schools are given seeds and fertilizer to provide sustainable feeding programmes. Sanitation is another huge issue, especially in remote schools. Nine double latrines were constructed at N'gandu, Kasiya, Kauwe and Singwamba Schools.

Several health initiatives were funded during the past twelve months, these included a clinic at Mambova, two women's shelters and the new malaria prevention project, which is proving to be

highly successful. Over 1,000 houses were painted with the new insecticidal coating, and unlike the rest of the district these areas reported zero or very few cases of malaria. In addition, safe granules were placed in ponds and streams to prevent larva developing into mosquitoes. The Zambian Ministry of Health states that the products are highly effective in fighting the malaria vector.

Six community houses were constructed for widows looking after orphans, four of them with the help of school groups from Wales, while teams from World Challenge constructed a sustainable school shop at Kamwi Junior School. A group of eleven adults came from Jersey, through JOAC's Community Works project, and once again Mukuni Health Centre had help from Sydney University students. A team from Attraction Tickets Direct travelled to Nyawa Chiefdom where the company funded a number of school projects, as well as bore holes facilitated through our partner Just a Drop.

All of this has been achieved due to the hard work and dedication of our teams of volunteers both in the UK and Zambia. As always I am extremely grateful to my fellow trustees David, Miranda and Wendy who offer so much support and advice, and to Ann Sutton for the tireless task of administering the charity accounts, to Carolyn Howe for managing the volunteer programme and for Oscar Miyanda, who assists with the malaria prevention programme. A special thanks to Frank Maiola, our US representative and to Marilee and Grant Gibson in Canada.

Most importantly I cannot thank enough our amazing team of volunteers for The Butterfly Tree, Zambia. Having the charity registered both in the UK and Zambia has helped us to achieve so much more than having to rely on third party organisations or agencies. Their devotion and commitment is quite extraordinary, especially now that we have expanded to areas away from their roots. Mupotola Siloka (Secretary & Project Manager), Presley Mulenga (Head of Education), Martin Mushabati (Ground Operations Manager), Stain Musungaila (Malaria Prevention) and Sibeso Maseke (Environmental Officer). Finally, the help from the young volunteers is so rewarding – they are the ones that will make the changes! A special thanks to Chief Mukuni for his counsel, and the local tour operators and hoteliers who support our work.

My heartfelt thanks to every single individual, each company and organisation who has supported us over the past decade. There are far too many to name individually, though I must make an exception and thank our major donors - the Jersey Overseas Aid Commission, the British and Foreign School Society, Saga Charitable Trust, Just a Drop, ENRC Marketing AG, The Besom, Attraction Tickets Direct, Black and White Accounting, the Mukuni Village Fund (Australia), and Valerie Redfern with the Inner Wheel Clubs. I would also like to thank the new organisations and companies, School in a Bag, Give a Hand (Canada) and Motive Real Estate (USA) for inviting us to partner with them. I am grateful and overwhelmed by the trust that everyone of you has put in myself and The Butterfly Tree.

Jane Kaye-Bailey
Founder





'Your work is such an inspiration. Much aloha, Selene and Eddie – Hawaii'.

ZAMBIA



ZAMBIA POPULATION STATISTICS 2015-16

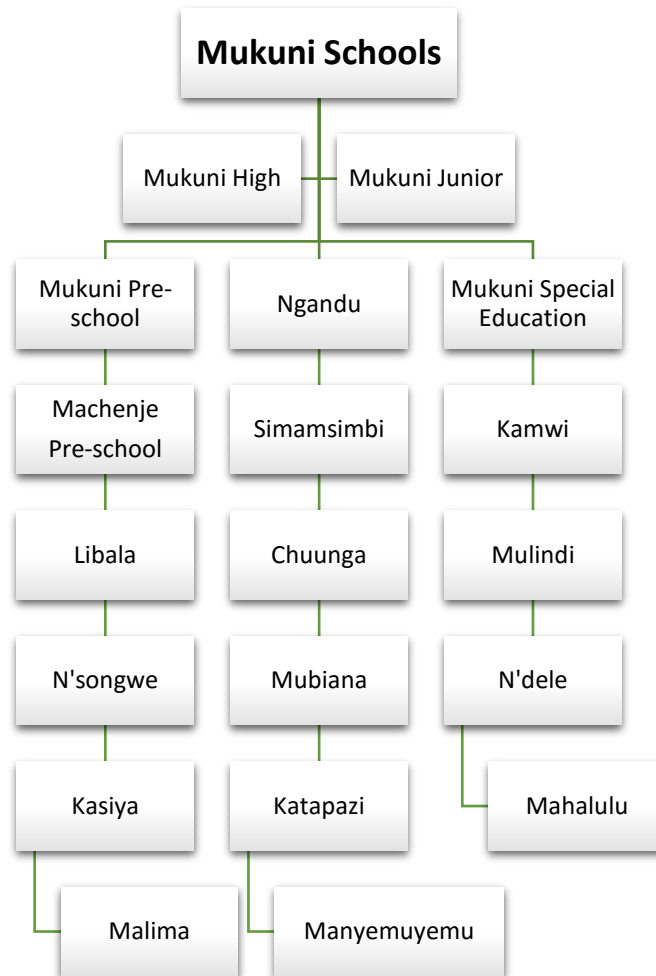
Population	15.5 million
Life Expectancy	52 years
Population living on less than a dollar a day	84%
Population having access to safe water	35%
Population having inadequate sanitation	50%
Deaths in children caused by diarrhoea	5000
Population growth rate	2.89
Number of orphans	1.2 million

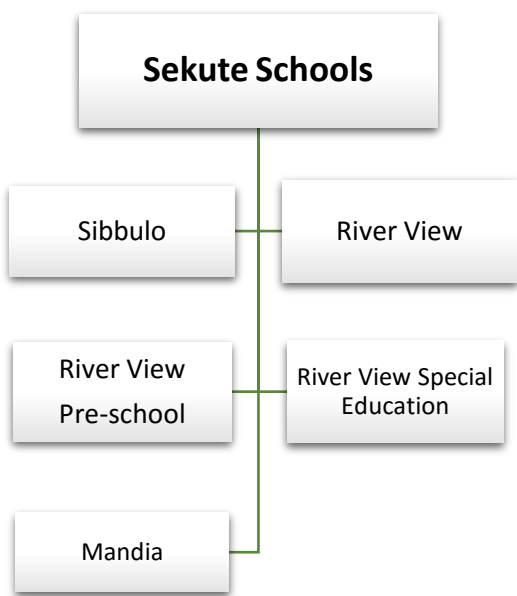
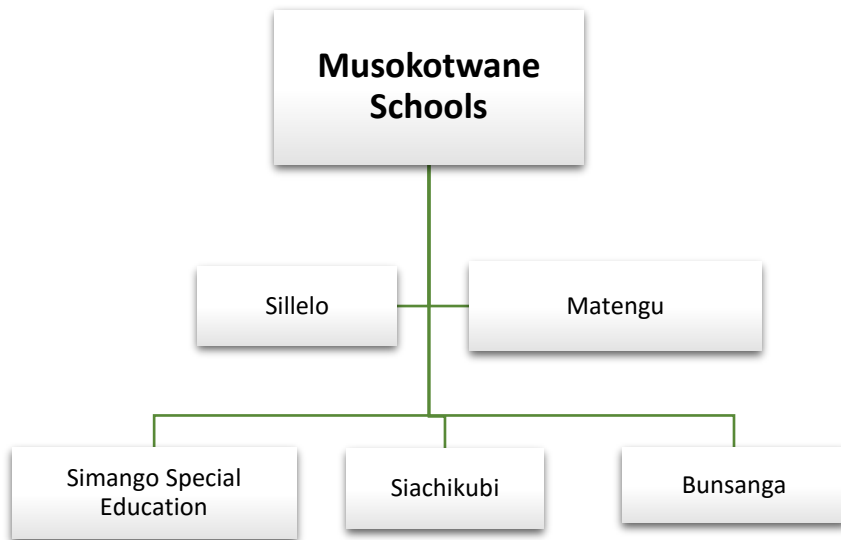
PROJECTS 2015 - 16

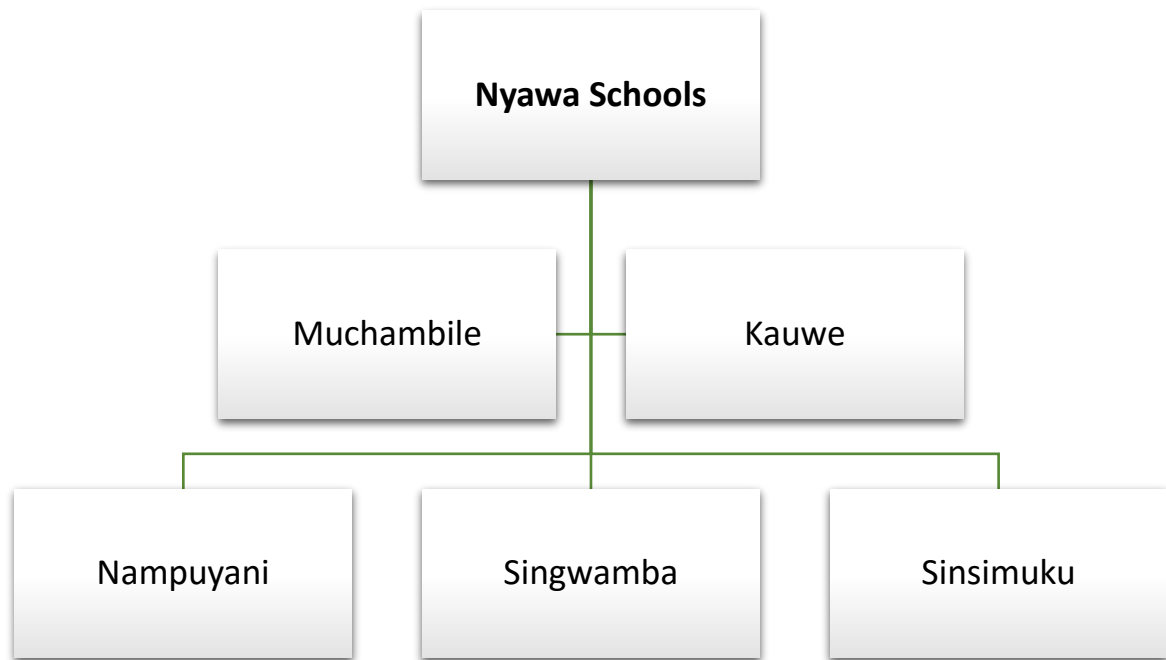
EDUCATION

- **ORPHAN SPONSORSHIP PROGRAMME** – over 500 orphans from seven schools
- **N’GANDU JUNIOR SECONDARY SCHOOL** – 1 x 3 classroom, 2 teacher’s houses, latrines, solar, text books, materials, seeds
- **MUCHIMBALE PRIMARY** – text books, seeds, feeding programme, shop supplies
- **SINGWAMBA JUNIOR** – classroom block, 2 double latrines, materials
- **KASIYA COMMUNITY** – provision of seeds, materials
- **SIMSIMUKU COMMUNITY** – bore hole, 2 classroom blocks completed, seeds
- **N’DELE PRIMARY** – 2 classroom blocks, provision of seeds, orphan support, text books
- **CHUUNGA COMMUNITY SCHOOL** – provision of seeds
- **RIVER VIEW** – expansion of pre-school, mobile science lab, books, orphan support
- **MAMYEMUYEMU** – provision of seeds
- **MUKUNI SECONDARY, JUNIOR & PRE- SCHOOLS** – materials, orphan support, daily feeding programme for over 400 orphans and vulnerable children, text books
- **MAHALULU, LIBALA & MUBIANA JUNIOR & PRIMARY** – provision of seeds
- **KAMWI BASIC SCHOOL** – school shop, solar power, text books, orphan support
- **KATAPAZI JUNIOR SECONDARY SCHOOL** – provision of seeds, orphan support
- **SIAMASIMBI JUNIOR SCHOOL** – provision of seeds, orphan support
- **SIBBULO COMMUNITY SCHOOL** – provision of seeds
- **KAUWE JUNIOR SECONDARY** – 3 double latrines, materials
- **MALIMA PRIMARY SCHOOL** – provision of seeds
- **MANDIA JUNIOR** – text books & materials
- **FURTHER EDUCATION** – students on teacher’s training, agriculture, engineering courses

SCHOOLS SUPPORTED BY THE BUTTERFLY TREE







‘The Butterfly Tree education projects have been a motivation, as now pupils attend school lessons every school day; absenteeism has drastically reduced.’ Rev. Mulenga – Head Teacher



'We are grateful for the wonderful work the organisation is doing in the District' – Mr. Sakala, Kazungula District Education Secretary



'Education is the key to alleviating poverty and its realised issues'

HEALTH 2015 – 16

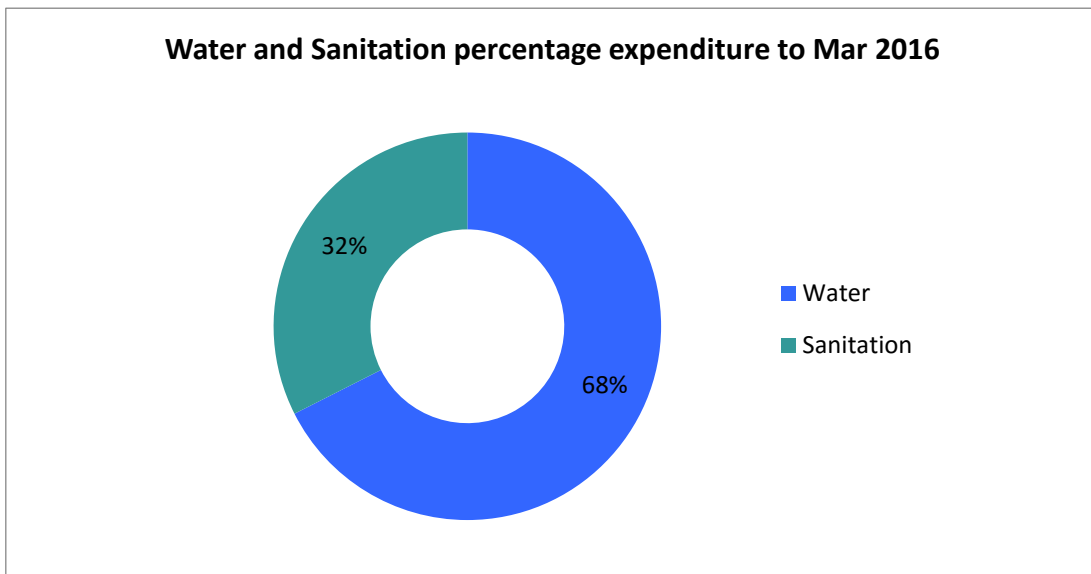
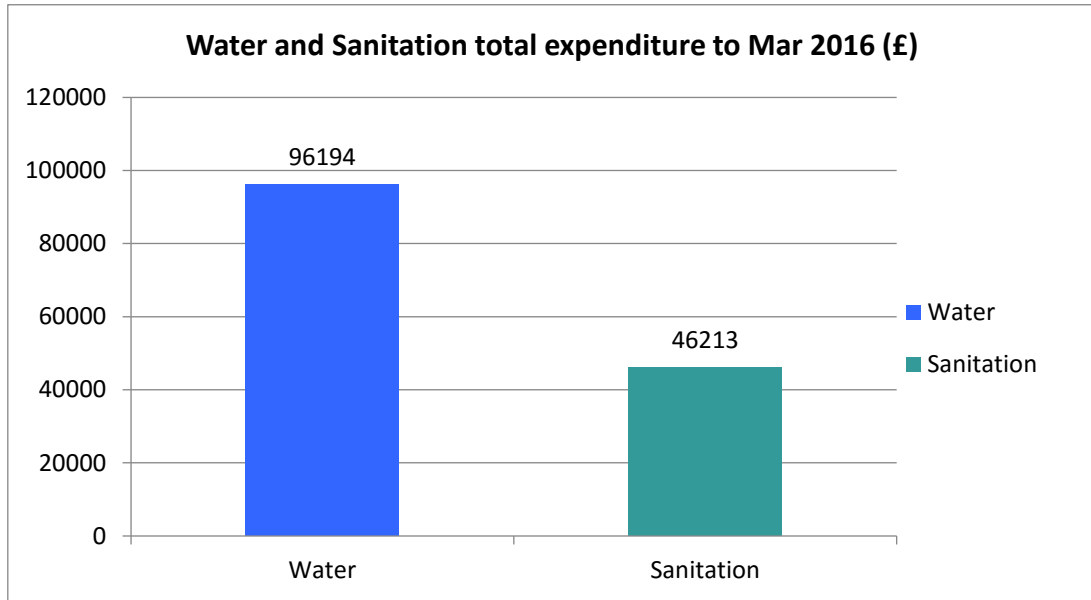
- **HEALTH CENTRES** - a new clinic with equipment replaced the old one at Mambova, restoration of Mukuni Health Centre
- **MATERNITY** – two women’s shelters at Kasiya and Singwamba
- **UNDER-FIVE’S** – assisting of orphaned and under-nourished infants and mothers who are unable to breastfeed, provision of formula and vitamin supplements
- **TREATMENT** – provided funds for a number of sick children to undergo operations, attend eye clinics and receive treatment and physiotherapy
- **WATER & SANITATION** – added three new boreholes and nine latrines
- **MALARIA** – painted over 1,000 safe, insecticidal coatings and placed granules in ponds and streams in the Mukuni Chiefdom and funded educational workshops
- **HIV and AIDS** – supporting HIV/AIDS programmes: peer-education for HIV and AIDS prevention, AIDS orphan support.
- **WORLD AIDS DAY** - an event was funded for this day at Kamwi Village
- **MEDICAL SUPPLIES** – provided vast amounts of bandages, dressing, sanitizing and medical equipment
- **KAMWI TWINS** – continuation of support for twin boys whose mother died in childbirth, the twins are now five years old
- **ORPHANED INFANTS** – sponsorship & support provided





'Thanks so much for that borehole at Sinsimuka. It is indeed a miracle that those kids have a borehole now.'
Lloyd Lukama Kasela - Teacher

WATER AND SANITATION FROM 2007 - 2016



Safe drinking water is essential to humans and other lifeforms

MALARIA PREVENTION

EVALUATION REPORT - March 2016

In November 2015, a total of 740 structures in several villages in the Mukuni Chiefdom, in the Southern Province of Zambia, were coated with Vectorcide insecticidal coating. The communities selected had a high prevalence of malaria and Chuunga community had not previously received any method of malaria prevention. In addition to the coating granules were placed in areas of stagnant water to prevent larvae developing into mosquito.

Some of the coating was held back for a 'mop up', which are areas that have not been covered or for new dwellings that are being built. 97% of the found structures were coated. The programme was readily accepted by the communities as it will last for two years, and is not harmful to humans and animals as is the case with Indoor Residual Spraying (IRS).

November 2015 to February 2016 - the following results are been achieved:

- Chuunga zone – no new cases of malaria. Prior to our intervention this community had never received IRS.
- Jafuta and Syankondo - seven new cases of malaria reported. However three cases were visitors from Kalomo, where there is reportedly a malaria prevalence. Three cases were from uncoated structures, only one case in Jafuta had been coated, but it is believed that it occurred because the structure has a considerable gap between the mud and the roof. A new dwelling is being built and will receive the Vectorcide coating.
- The Gundu community in the Mukuni Chiefdom, which was not coated, has reported thirteen new cases of malaria to date.
- Mukuni Health Centre, which has a catchment of 10,926, also received the coating. The medical staff has reported that there is a lack of mosquitos in the facility.

CHALLENGES

The weather – during the current rainy season some of the villages become inaccessible, which makes evaluation and 'mop ups' difficult.

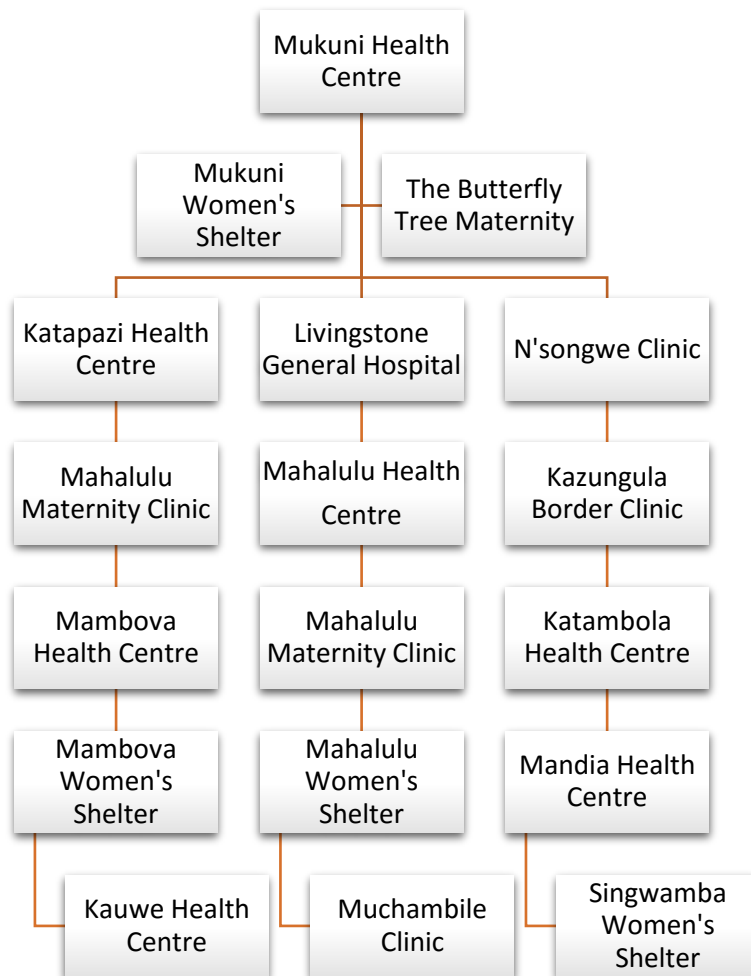
CONCLUSION

These findings are showing a significant reduction in new cases of malaria. The malaria season peaks in June, after which we will present a final evaluation. It is hoped that once these reports are assessed by the Zambian Ministry of Health they will consider using Vectorcide coating as a replacement for IRS.

In addition The Butterfly Tree has bought a substantial amount of mosquito nets; these have been distributed in the Mukuni Chiefdom as well as funding malaria prevention education workshops.



CLINICS SUPPORTED BY THE BUTTERFLY TREE



Rural clinics supported by community health workers are vital for early testing of malaria, safe delivery of babies, and HIV prevention and support. Women's shelters provide safe accommodation a week prior to the onset of labour for women who live long distances from clinics.

VOLUNTEERS

This year saw a constant flow of volunteers from schools, universities and individuals helping in the schools and clinic.

During July and August this year over fifty volunteers from The Jersey Overseas Aid Community Works Project, World Challenge, Outlook Expedition and Muze Trust will work at Mukuni, N'gandu and Kamwi Schools.

- Enactus Sheffield students - water & soap making projects
- Mutsa Trust - music workshops
- Crowdy's Hill School - solar power installation
- Chris Johnson & Keira McGill - community house construction
- World Challenge Groups - Kamwi School community shop construction
- Outlook Expedition Groups - Mukuni School community houses
- JOAC Community Works Project – N'gandu School development
- Erinna Foley-Fisher - teaching
- Lotti Gregory - teaching & drama
- Sydney University students - Mukuni Health Centre



'We all have fantastic memories and it's definitely my favourite World Challenge trip so far'
Kim Baiden, Tring School

VISITORS

- Attraction Tickets Direct Group, UK
- Saga Travel Group, UK
- Just a Drop Water Engineers, UK
- Doug Saunders – Sydney University
- Grace Kew, UK



Visitors can see first-hand the vital work we are doing in Zambia



Travel philanthropy gives travellers and tourists a chance to give something back to poor communities in the areas they visit. This can be a life-changing experience often resulting in further donations.

FUNDRAISERS

There were many people using various initiative to raise vital funds for The Butterfly Tree

- ENRC Marketing AG (Switzerland) employees – orphan support
- Grant & Marilee Gibson (Canada) - malaria prevention
- Crowdy's Hill School – solar project
- Wolverton School - orphan sponsorship
- St Andrew's University - education
- Alison Adams – special education classroom
- Margaret Bax & Casey Short (US) - goat's milk project
- Ursula Rheimer Jones - healthcare
- Mukuni Village Fund (Australia) - sponsoring 40 orphans
- Norton Lindsey & Bearley Parish Churches - education
- District 6 and other District Inner Wheel Clubs – malaria prevention
- Abbotts Leigh & Leigh Woods Churches – bore hole
- Ken & Steph Sherlock – water &
- Richard Reid – education and malaria prevention
- Tring School – school shop and educational materials
- Longbridge & Gyfun Emlyn Schools – community houses
- Erinna Foley-Fisher – bore hole & text books
- Kiera McGill – solar system
- Christina Powell & Jessica Brazier – medical & education



CHALLENGES

- HIV and AIDS
- Malaria increase and drug-resistance
- Lack of safe, drinking water
- Accessibility to remote villages
- Costly transportation hire
- The ever-increasing cost of fuel, materials and food
- Under-nourished children and hunger
- Lack of schools and healthcare facilities
- Insufficient medical and educational supplies
- Poor crop yield due to lack of rain in the Southern Province
- Need for further special education units
- Sourcing new funds and grants
- Competing against big charities for international grants



WAY FORWARD

Zambia is facing its worst economic crisis in more than 10 years, mainly due to the universal fall in copper prices. The country has been suffering from drought due to the lack of annual rainfall, which has caused crop failures, subsequently resulting in food shortages. It has been classed as the world's third hungriest country. Severe power shortages have added a further burden to the current situation.

Despite all the challenges we are making a lasting change in a number of rural schools, health centres and communities. One of the most difficult tasks is to create sustainability, something we have been constantly striving to do since 2006. The fact that the charity continues to be run entirely by volunteers in Zambia is one of the best forms of sustainability.

We believe that education is the key to overcoming poverty and its related issues. Consequently the way forward is to build and expand more rural schools, to support orphans in education and create sustainable feeding programmes to provide a daily nutritional meal.

For communities needing to alleviate hunger they must turn to crops that are less rain dependent than maize, the staple food for Zambians. The growing of millet and sorghum must be encouraged.

According to UNICEF 4.8 million people in Zambia lack access to safe drinking water and 6.6 million people do not have sanitation facilities. Better access to safe drinking water is the only way to reduce diarrhoeal diseases, sourcing funding for more bore holes is paramount. Constructing bore holes and latrines in rural schools can considerably improve the health of young children.

Empowering young people is proving to be a major player in moving forward. Many of the young people we have supported are successfully conducting workshops in HIV prevention, as well as assisting with our malaria prevention and water projects.

With the dramatic increase of malaria cases this year it is imperative to provide protection, especially for pregnant women and infants. The Vectorcide products we are using are safe, and proving to be highly effective. They are harmless to humans, animals and the environment.

The formulation and delivery method of these products overcomes the resistance found in other insecticides. Larvicide, when placed in any form of water, prevents mosquito larvae from reaching adulthood. This product has the potential to eradicate malaria.

Despite the economic downturn Zambia is one of the safest and most stable countries in Africa. NGOs and charities must work with the government to help to improve the water, health and education facilities, most especially for vulnerable communities in the rural areas.



FUTURE OBJECTIVES

As always our work revolves around the welfare of orphans and vulnerable children. We will continue to fund education for those who cannot afford to go to school, and source new areas where there are no schools or clinics.

For this forthcoming year further development is planned for Mukuni, where a boarding shelter is to be funded and built by a group of students from Arnewood School. N'gandu will have six additional classroom blocks funded by JOAC Community Works Project. Sinsimuku School will gain two new classrooms, latrines and a teacher's house. A further education unit will be added to Kauwe School at the end of the year.

Water projects are a top priority and our target is to install at least four new ones for schools this year. Due to the hunger caused by crop failures we aim to provide more schools with seeds and fertilizers to create sustainable feeding programmes.

With the positive results of our malaria prevention initiative we will be working closely with the Ministry of Health, the National Malaria Control Centre and Environmental Officers. Our intention is to create awareness and source funds so that the products can be delivered to areas where there is a high prevalence of malaria. On other health matters a women's shelter is scheduled for Musokotwane.

We need to keep the orphans occupied after they complete school, therefore we will continue to train them as volunteers, most especially as peer educators to perform HIV prevention workshops in schools. Working alongside The Butterfly Tree team and medical officers in Mukuni Village they will help with our local projects, this experience will place them in a better position when seeking employment or further education.

Collaboration is essential, we are looking forward to working closely with our new partners. 'School in a Bag', who are funding bags and stationery for us to distribute in remote schools. We are currently sourcing a Zambian supplier to make the bags locally. 'Give a Hand', a Canadian NGO, is supporting our education projects. 'Motive Real Estate' from Texas, USA has offered to donate funds to build a community dwelling for every house they sell through their company.

We look forward to welcoming international volunteers this summer, who will provide funds and support to the schools and clinic at Mukuni and N'gandu.

The Butterfly Tree team in the UK will continue to obtain grants and donations as well as creating awareness of the need to support our vital water, health and education projects. We will maintain our concept and not deduct any administrative or personal fees. The volunteers will continue to work from home so that we do not have to rent office space, and we will keep expenses to a bare minimum to enable your donations to go directly towards these grass root projects.





'They only need the essentials in life - WATER FOOD HEALTH EDUCATION'

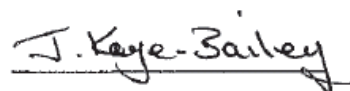
The Butterfly Tree
Charity Accounts from 1st April 2015 to 31st March 2016

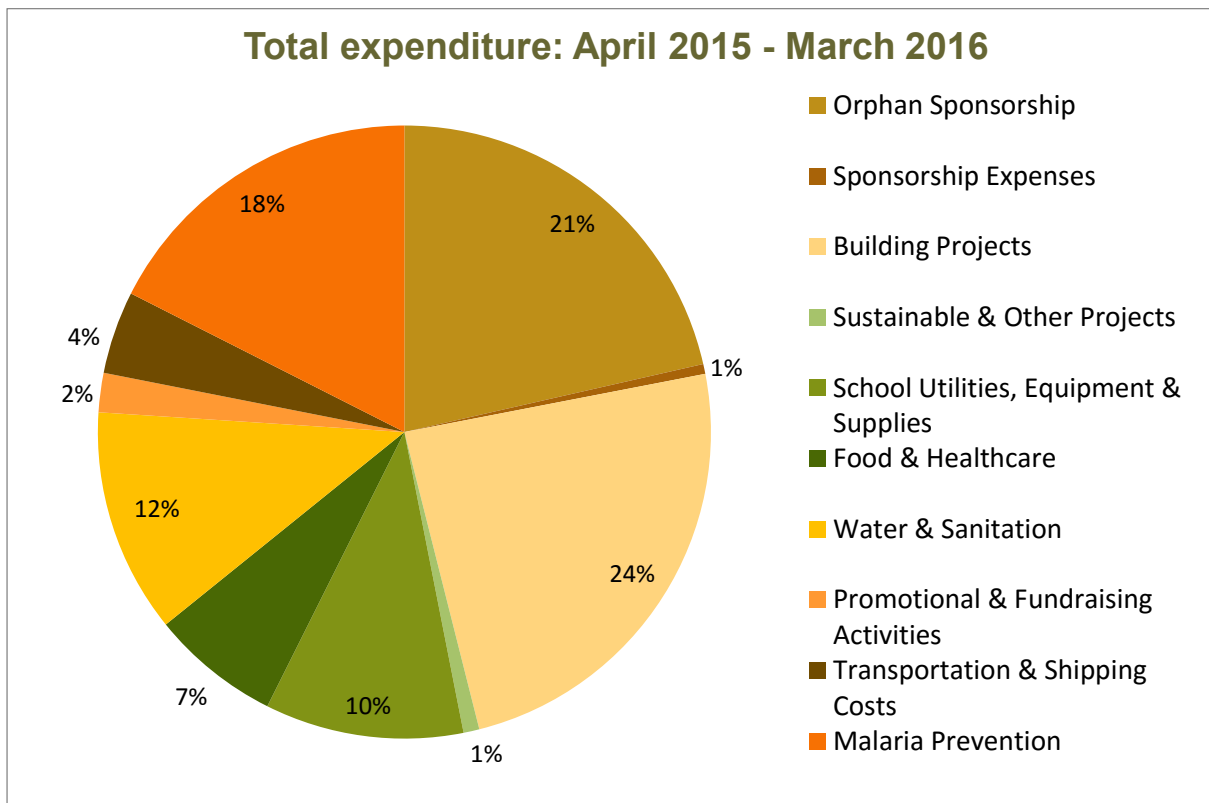
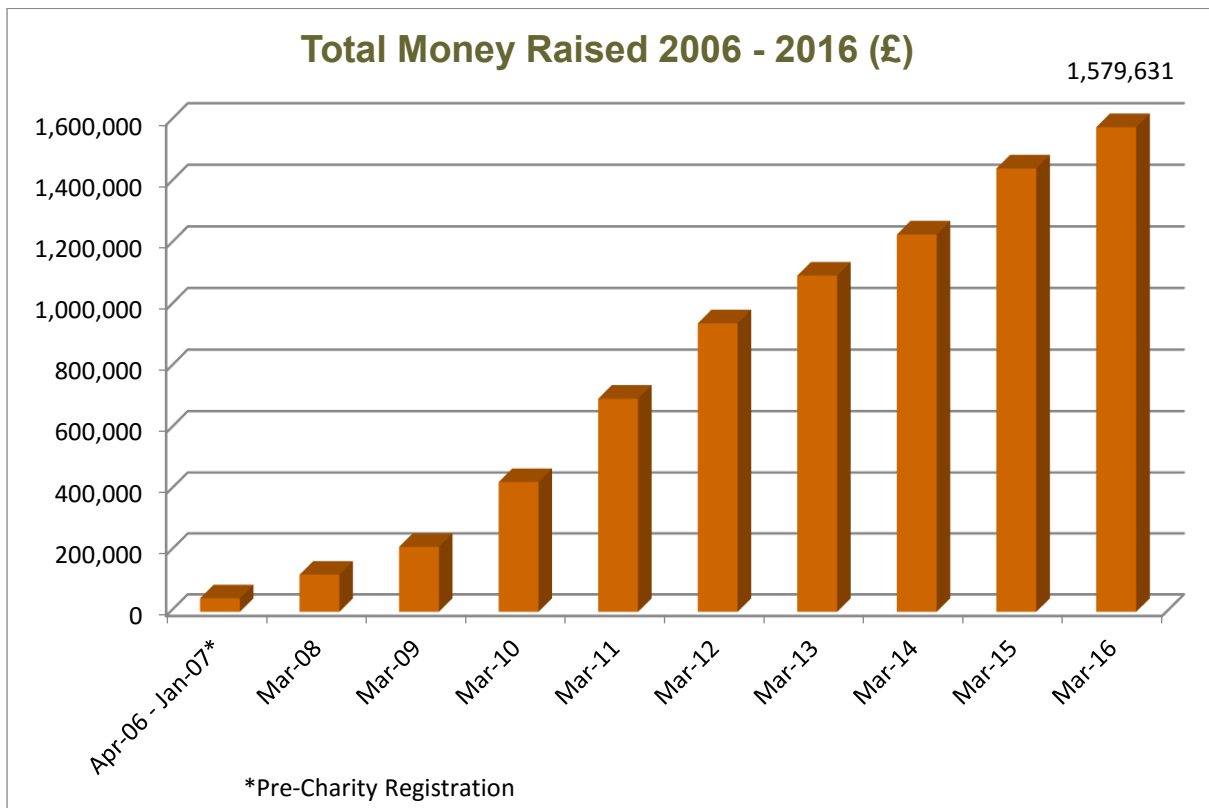
INCOME	£'s
Donations, Sponsorship & Fundraising	134,276
	<hr/> 134,276
 EXPENDITURE	
Orphan Sponsorship	26,466
Further Education Sponsorship	2,460
Sponsorship Expenses	702
Building Projects	32,533
Utility & Fuel	197
Water & Sanitation	15,964
Sustainable Development	945
Other Projects	183
Malaria Prevention	23,661
School Equipment	13,935
Food & Healthcare	9,199
Promotional Activities	885
Transportation	5,890
Miscellaneous	1,610
Bank Charges	300
Admin fees	0
	<hr/> 134,931
 Net of receipts/ (payments)	 (655)
 Reserves brought forward at 1st April 2015	 24,925
 RESERVES REMAINING at 31st March 2016	 <hr/> <hr/> 24,270

These accounts have been prepared on a 'receipt and expenditure' basis, with the information provided.

Signed:  _____ Date: 12/06/2016
D Murphy: Grenfell James Associates Ltd

As trustee of The Butterfly Tree charity I hereby approve the above accounts and confirm that all necessary information was provided in order that they be completed accurately.

Signed:  _____ Date: 12/06/2016
J Kaye-Bailey: The Butterfly Tree





Thanks to substantial donations further development has been achieved in education and healthcare, most especially with the breakthrough of a new malaria prevention intervention. An increase in volunteers from countries including England, Wales, Jersey, Ireland, the USA and Australia offered extra helping hands in schools, clinics and communities. Our vital work in these remote villages provides safe water, sanitation, schooling, and health facilities. The Butterfly Tree volunteers both in the UK and Zambia are totally dedicated to the charity, the orphans and vulnerable children.

A special thanks to Grenfell James of Stratford-upon-Avon for freely verifying the charity accounts.

Trustees: Jane Kaye-Bailey (Chairman), David Kaye, Miranda De Freston and Wendy Callaway



THE BUTTERFLY TREE ORPHAN SPONSORSHIP PROGRAMME

‘As young butterflies emerge from their pupae, they are placed in a tree, where their wings can continue to develop. Then they are released into the wild’.



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