



# **ANNUAL REPORT**

**2018 - 19**

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**What a year! After reporting that last year was one of the best years we have ever had, this financial year has topped it. We have completed more projects, further advanced our malaria prevention programme, and provided safe clean water, sanitation and community houses for thousands of orphans and vulnerable people.**

The Butterfly Tree's malaria prevention programme continues to produce encouraging results. In January 2019 we were able to coat the remainder of dwellings in Moomba Chiefdom and have considerably reduced the number of malaria cases. In addition, we provided mosquito nets for Sikaunzwe, Kawewa, Kamwi and Mambova Schools, which not only helps to save lives, but prevents absenteeism from school. One of the highlights of the year was to be announced as runner up in the global AidEx Innovation Challenge. It was a privilege to be able to present our malaria prevention initiative at the event, which took place in Brussels in November 2018. Competition was stiff, with over 50 corporate entries, consequently we were delighted to have done so well.

As always, our orphan sponsorship programme is at the forefront of our work, with Mukuni and River View being the biggest schools we support. The schools have 1,350 and 1,500 pupils respectively, therefore the majority of sponsorship takes place at these two schools. Kamwi, N'gandu, Ndele also get support as well as few orphans at Kazungula Boarding School and some children from outreach schools in Mukuni and Sekute Chiefdoms.



Seventeen students were sponsored at university and colleges studying a variety of courses including teaching, journalism, IT, building, plumbing, electrics and tailoring. The skilled based courses give school leavers an opportunity to be self-employed or set up local enterprises. We received a wonderful donation from LeapLearning, Norway in the form of a new educational method using technology with stations, which has been installed at River View School.

Education is vitally important for children living in rural areas, not just from early learning, but also to have adequate facilities for secondary school studies. After the success of River View, which is now an approved examination centre, we have been built a science lab in Nyawa to prevent pupils having to travel 120km to sit their finals. After seeing classrooms with as many as 110 pupils at River View School a 1x2 classroom block is under construction, and also one for

Kawewa School to give them the opportunity incorporate grades 8 and 9. Latrines were added added to Bunsanga School to complete the development of a new community school.

On the health front a major advancement took place at Sikaunzwe Rural Health Centre. The project included a new clinic, maternity ward, mother's shelter and latrines. A further grant was approved for a rural health post at Bunsanga for a clinic, staff house and latrines. These rural health centres are crucial in helping to diagnose and treat malaria, HIV and TB, and for infant vaccinations, antenatal and post natal clinics. Improved sanitation was added to Mukuni mother's shelter. In addition medical supplies were donated to Mukuni, Mambova, Sikaunzwe and Nyawa rural Health Centres, as well as Livingstone General Hospital.

In the past twelve months we drilled boreholes at Muyunda, Mayoba, Zalu and Nakawa schools and one for the Mukalahani Village. We received a donation of thirty mobile water barrels for the elderly. We built seventeen community houses and distributed maize and blankets in Mukuni, Nyawa and Sekute Villages. Sadly, the rainfall

this season was so poor that water and food shortages are predicted. After returning from Zambia, at the end of March, I started creating awareness and raising funds for food security to help rural schools and communities.



We had visitors and volunteers from the UK, Canada, US, Brazil, Argentina and New Zealand. The visitors are taken to see our vital work and volunteers can get involved with classroom and house building, setting up chicken and soap-making enterprises and teaching pupils in Mukuni, Kamwi and River View Schools.

A further honour has helped to boost the charity after I was awarded The Prime Minister's Points of Life Award for my work with orphans and malaria prevention. This was totally unexpected, extremely humbling, and something that I share with my fellow Trustees and volunteers, both in the UK and Zambia. Without their commitment the charity would not be so successful. I would like to express my sincere thanks to long-term Trustees Miranda, Ann (Treasurer) and Wendy, for their tremendous contribution, though I am sorry to announce that Wendy had to step down after moving to the United States. However, I am delighted to welcome Jackie Brown, a former Head of House for a London University, who grew up in Zambia, to our Board. Special thanks also to our volunteers David, Carolyn, Valerie and Leah, who do so much behind the scenes, and to our overseas volunteers Marilee and Grant Gibson and Katie Boothby in Canada and Frank Maiola in the US. The charity continues to thrive as a result of having such dedicated people on our team.

Nothing would be achieved without The Butterfly Tree team in Zambia. Their tireless and selfless efforts are truly remarkable. Every day they administer and manage numerous projects for our water, food, health and education programmes as well as the orphan sponsorship. Frequently they hours on end to reach remote schools and communities throughout the Kazungula District.

The team comprises of Mupotola Siloka (Secretary & Project Manager), Presley Mulenga (Head of Education), Martin Mushabati (Ground Operations Manager), Stain Musungaila (Malaria Prevention), Sibeso Maseke (Environmental Officer) and most recently Natasha Mufeya, a former sponsored orphan and Mafian Sitali. Sincere thanks to Chief Mukuni and the local tour operators and hoteliers who promote our work.

No charity can continue to prosper without the support of its donors and fundraisers. We have acquired a considerable number of global followers who generously donate funds and award grants for our projects. A huge thanks to our major donors the Guernsey Overseas Aid Commission, the British and Foreign School Society, the Hilary and Neil Murphy Charitable Foundation, ATD Foundation, Motive Real Estate Texas, Mukuni Village Fund (Australia), Dawson Group, Nationwide Rotary and Inner Wheel Clubs, Larry and Gaylen Robbins, and Nick Bousliman, and Grenfell James for freely verifying the charity.

I am also extremely grateful to all the individuals, corporates, schools, clubs and churches and organisation that support our cause. Almost 100% of money raised has gone into our grass root projects, enabling us to build more new schools and clinics, provide clean water, feeding programmes, HIV and malaria prevention for thousands of orphaned and vulnerable children to give them hope for a better future.

Jane Kaye-Bailey - Founder



*'In recognition of your exceptional service helping orphans and vulnerable children in rural Zambia you are presented with the UK's Points of Light Award' - from Rt Hon Theresa May, presented by Nadhim Zahawi*



*"Very good work done in a difficult part of the world, targeting the right issues and without taking money for 'admin expenses' out of fundraising monies. Jane and her team have done brilliant work' - Simon from Woking*



## ZAMBIA POPULATION STATISTICS 2018 - 19

<b>Population</b>	<b>16.7 million</b>
<b>Life Expectancy</b>	<b>62 years</b>
<b>Population living on less than a dollar a day</b>	<b>84%</b>
<b>Population having access to safe water</b>	<b>34%</b>
<b>Population having inadequate sanitation</b>	<b>50%</b>
<b>Child deaths per annum caused by diarrhea</b>	<b>1000</b>
<b>Number of people living with HIV</b>	<b>1.1 million</b>
<b>Number of orphans</b>	<b>1.2 million</b>

## PROJECTS 2018 - 19

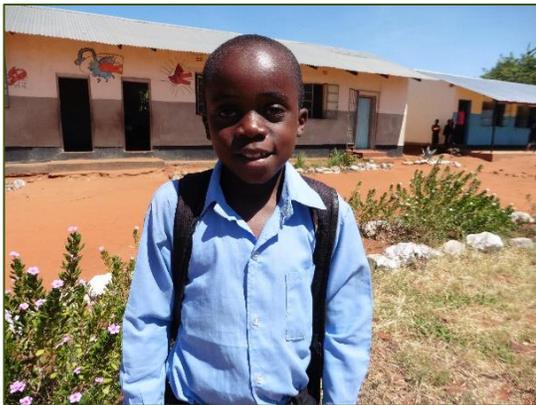
### EDUCATION – SUPPORTING THE UN DEVELOPMENT GOAL 4

- **ORPHAN SPONSORSHIP PROGRAMME** – over 500 orphans from seven schools
  - **FURTHER EDUCATION** – seventeen students sponsored in teaching, journalism, IT and skills
  - **MUKUNI SCHOOLS** – orphan sponsorship, feeding programme for boarders, uniforms
  - **N’GANDU JUNIOR SECONDARY SCHOOL** – orphan sponsorship and seeds
  - **KAMWI PRIMARY SCHOOL** – orphan sponsorship, textbooks
  - **NYAWA SECONDARY SCHOOL** – science laboratory
  - **MUCHAMBILA** – educational material and seeds
  - **CHUUNGA** – blankets, seeds
  - **CHABA** – educational materials
  - **BUNSANGA** – latrines and blankets
  - **RIVER VIEW** – 1x2 classroom block, orphan sponsorship, textbooks, uniforms
  - **SINGWAMBA** – 1x2 classroom block, desks, sports equipment
  - **KAUWE** – Classroom block completion and desks
  - **MATENGU** –seeds
  - **SILELO** –seeds
  - **N’DELE PRIMARY** –seeds
  - **KASIYA COMMUNITY** – provision of seeds
  - **MANYEMUYEMU** – provision of seeds
  - **MUBIANA** –seeds
  - **MAMBOVA** – mosquito nets
  - **NAKAWA PRE-SCHOOL** – borehole and latrines
  - **KAWEWA** – 1x2 classroom block and latrines
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## Mukuni Chiefdom Schools

- Mukuni Junior & Secondary
- Kamwi
- Siamasimbi
- Mulundi
- N'dele
- Malima
- N'gandu Junior Secondary
- Katapazi
- N'songwe
- Kasiya
- Manyenuyemu
- Mubiana
- Mukuni Special Education
- Machenje
- Libala
- Chuunga
- Mahalulu
- Chaba



N'GANDU, MUKUNI AND KAMWI SCHOOLS



## Musokotwane Chieftdom Schools

- Silelo
- Matengu
- Siachikubi
- Simango Special Education
- Makunka
- Musokotwane



SILELO, MATENGU AND MAKUNKA SCHOOLS



## Sekute Chiefdom Schools

- River View
- River View Special Education
- Nakawa Pre-school
- Mandia
- Mambova
- Sikaunzwe
- Kawewa
- Sibbulo
- Namapandi
- Kazungula Boarding
- Lupani



NYAWA PRE-SCHOOL, KAWEWA, KAZUNGULA BOARDING AND RIVER VIEW SCHOOL



## Nyawa Chiefdom Schools

- Kauwe
- Mayala
- Nampuyani
- Muyunda
- Nyawa
- Muchambila
- Nguba
- Mayoba
- Singwamba
- Sinsimuku
- Bunsanga
- Zalu



NEW SCIENCE LABORATORY – NYAWA SECONDARY SCHOOL



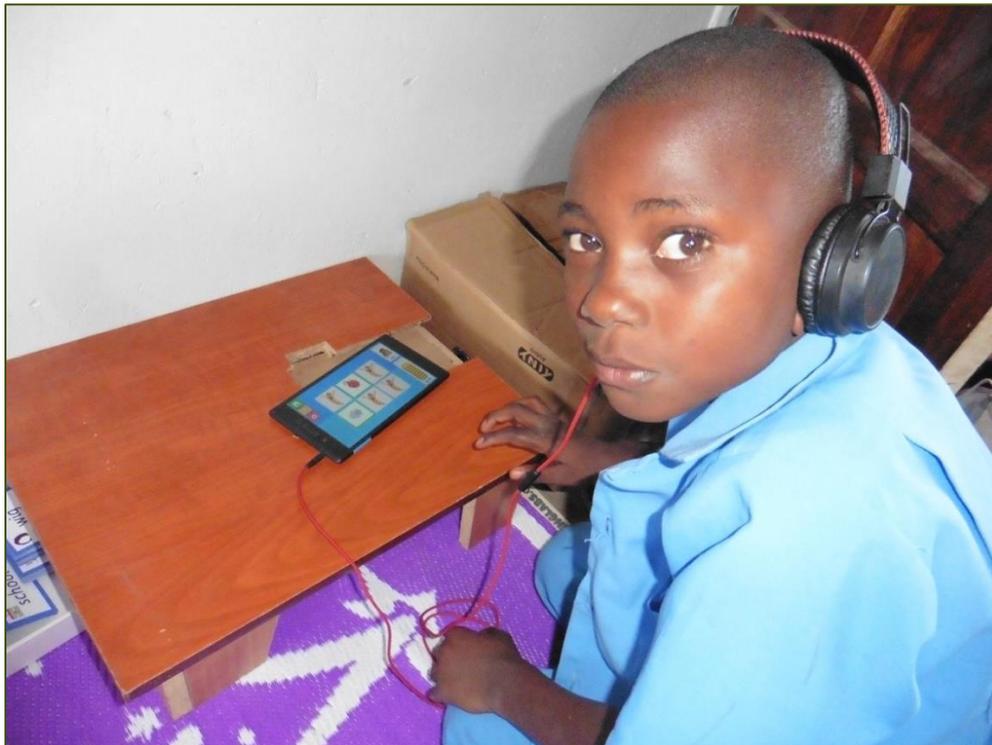


MUYUNDA AND BUNSANSA COMMUNIYT SCHOOLS – NYAWA CHIEFDOM





LEAPLEARNING FROM NORWAY - ADVANCED EDUCATION METHODS FOR RIVER VIEW SCHOOL





THE THREE GIRLS THAT INSPIRED THE FOUNDING OF THE CHARITY TO ONE BECOMING HEAD GIRL AT MUKUNI





KAMWI AND N'GANDU SCHOOLS SUPPORTED BY THE CHARITY



## HEALTH

- **MALARIA PREVENTION** - distribution of 2,000 mosquito nets, insecticide coating granules, prevention workshops
- **WORLD MALARIA DAY** – workshops for malaria prevention education and testing - Kamwi Village
- **MEDICAL SUPPLIES** - donations to Mukuni, Muchambila, Mambova, Sikaunzwe and Livingstone General
- **HIV PREVENTION** – funded peer educational workshops in schools using trained peer educators
- **WORLD AIDS DAY** – an event at Mukuni Village was funded to mark this day
- **MEDICAL TREATMENT** – funded treatment and transport for infants, children and the elderly
- **FEEDING PROGRAMMES** – provided funds for schools and boarding houses
- **MUKUNI HEALTH CENTRE** – improved sanitation
- **SIKAUNWE HEALTH CENTRE** – entire new clinic to be funded
- **NYAWA HEALTH CENTRE** – malaria prevention support



NEW CLINIC, MATERNITY WARD AND MOTHER'S SHELTER - SIKAUZWE



RURAL HEALTH CENTRES ARE A LIFE-LINE FOR PEOPLE LIVING IN REMOTE AREAS

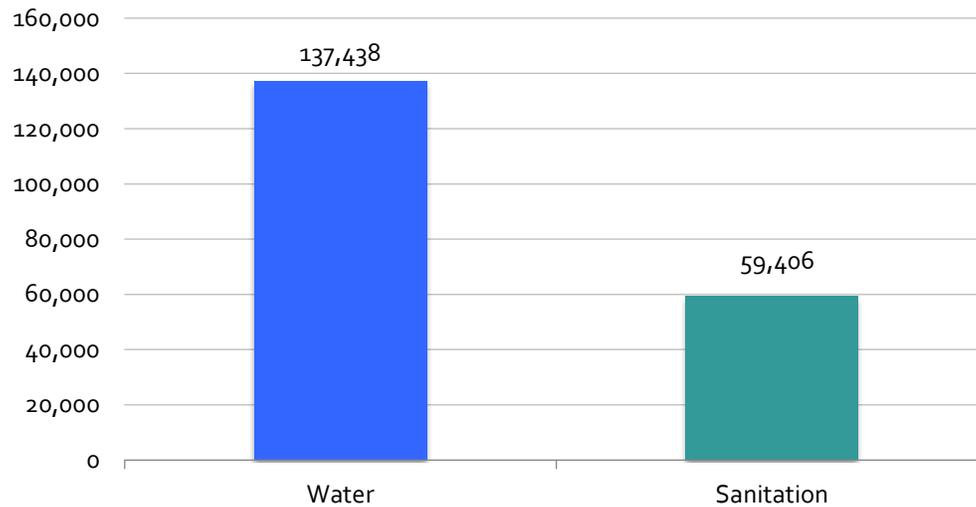


IMPROVED HEALTHCARE FOR INFANTS AND UNDER-FIVES



## WATER AND SANITATION FROM 2007 – 2019

### Total spent to date (£)



The following statistics for Zambia are produced by UNICEF:

- **4.8 million people (36 percent) are without access to clean water**
- **6.6 million people (50 percent) are without access to sanitation facilities**
- **More than 25 percent of basic schools do not have access to safe water supply and sanitation**

In the past twelve months we installed boreholes for the following schools: Muyunda, Zalu, Mayoba schools, Nakawa pre-school and Mukalahani Village. 30 mobile water barrels were donated to elderly people. Latrines were added to Sikaunzwe Health Centre, Nakawa Pre-school and Mukuni Women's Shelter.



**BOREHOLE AND LATRINES FOR BUNSANGA PRE-SCHOOL**



BOREHOLE DRILLING – MUKALAHANI VILLAGE AND ZALU SCHOOL



## MALARIA PREVENTION

Moomba Chiefdom, a remote area in the Southern Province, is 300 km from Livingstone. Moomba Rural Health Centre is 125 km from the main road, tracks are mainly sandy, others are clay, which makes the area inaccessible during the rainy season. In 2016, 46% of the population contracted malaria, the highest number in the Kazungula District. In 2017, a request for assistance was made to The Butterfly Tree by the Zambian Ministry of Health.

After providing protection last year for twelve out of fourteen zones, this year we applied the safe insecticidal coating in the remaining dwellings, and new homes that had since been built. Larvicide was placed in pools and streams to prevent the larvae developing into mosquitos. Mosquito nets were also donated to provide universal coverage with the aim of reducing the number of malaria cases.

The results have been significant:

- 2017 - malaria cases 1,531
- 2018 - malaria cases 525
- 2019 - malaria cases 56

In January 2018 we targeted a new area in Nyawa Chiefdom, a vast region with over 400 villages, some are extremely remote. Two villages and the surrounding area received mosquito nets, insecticidal coating and larvicide. There was 100% acceptance from the communities, who much prefer this method to indoor residual spraying, which gives off toxic fumes.

The results have been substantial:

- 2018 – zero cases of malaria
- 2019 – zero cases of malaria

Our 'mosquito nets for schools' is also proving to be successful. After identifying that school age children were getting malaria as they had no protection, the first school we helped was River View. 1,400 mosquito nets were given to pupils and teachers in October 2017. The school has reported no absenteeism from malaria for the past eighteen months. Further donations have helped Sikaunzwe, Kawewa, Mambova and Kamwi Schools.

In March this year we visited Ngwezi Rural Health Centre in Sekute Chiefdom and met with their Environmental Health Technician. He reported that there has been a noticeable reduction in cases of malaria after we donated a supply of larvicide. Before the start of the next season dwellings in this area will be painted and schools will be given mosquito nets. We will continue to monitor and evaluate our programmes with the invaluable help from experienced health professionals.

The World Health Organisation declared that malaria is on the increase, which proves how imperative it is to provide universal protection in areas where there is a high prevalence of malaria.

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PROVIDING MALARIA PREVENTION IN RURAL SCHOOLS AND CLINICS IS VITAL



## HEALTH CENTRES SUPPORTED BY THE BUTTERFLY TREE

- Mukuni Maternity & Women’s Shelter
- Katapazi Health Centre
- Livingstone General
- Muchambila Health Post
- Mambova Health Centre & Women’s shelter
- Kauwe Health Centre
- Kazungula Border Health Centre
- Singwamba Health Centre
- Mandia Health Centre
- Nyawa Health Centre
- Sikaunzwe Health Centre
- N’Songwe Health Centre
- Mahalulu Health Centre
- Katambola Health Centre
- Musokotwane Health Centre
- Moomba Health Centre
- Kazungula



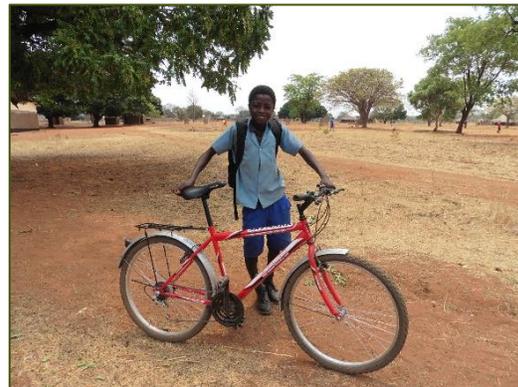
ADVANCED DEVELOPMENT FOR SIKAUNZWE RURAL HEALTH CENTRE



## ORPHAN SPONSORSHIP & COLLEGE STUDENTS



SPONSORED PUPILS FROM RIVER VIEW, KAMWI AND N'GANDU SCHOOLS





FROM SPONSORED STUDENTS AND VOLUNTEER PEER EDUCATORS TO EARNING AN INCOME



## VOLUNTEERS

Every year we attract volunteers from across the globe, most recently from the UK, USA, Canada and Argentina. We only take volunteers who are serious about helping schools, clinics or communities. They must produce a DBS or equivalent, sign our volunteer code of conduct and read our child protection and safeguarding policy.

Recent volunteers:

- Leslie Archer & Jackie Brown – teaching
- Ariane & Lisiane Hartmann – Occupational Therapists
- John Staab and Jessica Bandrup – community houses and women’s workshops
- Lucy Murphy & Niamph Bruen – teaching & construction
- Catalina Felices – teaching
- Ashni Giamo – healthcare



## VISITORS & TRAVEL PHILANTHROPY

- ATD Foundation - UK
- Robin Gemmell & friends - New Zealand
- Katie Boothby – Soap2Hope, Canada
- Motive Real Estate – USA
- Rosemary Good – Royal Leamington Spa Rotary Club, UK

Being situated close to the mighty Victoria Falls, Zambia attracts visitors from all over the world. We are very fortunate to be based close to one of Africa's spectacular sites. Through our website we promote travel philanthropy and invite tourists to take time out to visit one or more of our projects. For many this is a life-changing experience and very often yields generous support.

In addition, we welcome donors, business incentive and corporate social responsibility groups. Our local team accompanies the visitors who can be shown our work in Mukuni, Sekute and Nyawa Chiefdoms



## FUNDRAISERS

We are very grateful to the many people using various initiatives who raised vital funds for The Butterfly Tree.

- Mukuni Village Fund (Australia) - sponsoring 50 orphans
- Lesley Archer – education and malaria prevention
- Grant & Marilee Gibson (Canada) - malaria prevention, health and education
- Ken & Steph Sherlock – malaria prevention and education
- Alex Ottewell – malaria prevention, orphan sponsorship and boreholes
- Stratford-upon-Avon Rotary Club – malaria prevention
- Stratford-upon-Avon Reformed Church – latrines, blankets and maize for the elderly
- Inner Wheel Clubs of England, Wales & Northern Ireland – malaria prevention & education
- Wolverton School - orphan sponsorship
- St. Paul's School, Wigan – education
- Fountaindale School, Nottinghamshire – education and orphan sponsorship
- Margaret Bax & Casey Short (US) – community projects
- Norton Lindsey, Bearley and Snitterfield Parish Churches – education
- Cross Country Trains - education





## CHALLENGES

When running an international NGO there are always many challenges. As always malaria and HIV are two of the most difficult problems to deal with. Sadly, this year the people have a further burden. A prolonged drought is causing food and water shortages in the Southern and Western Provinces of Zambia. Rivers and streams are dry, and crops have perished due to lack of rain.

Experts say the drought is a result of climate change. Zambia's staple food is maize, which is heavily dependent on rain. The rainfall was so poor that rivers, that would normally be overflowing in March, were dry. The next rains are not expected until the end of the year.

- Drought
- Lack of clean, drinking water
- Under-nourished children and hunger
- HIV and AIDS
- Malaria increase and drug-resistance
- Accessibility to remote villages
- Increasing costs for transportation hire, fuel, materials and food
- Lack of rural schools and healthcare facilities
- Shortage of medical and educational supplies
- Sourcing new funds and grants - competing against big charities for international grants



PERISHED CROPS AND RIVERBEDS WERE COMMONPLACE IN MARCH

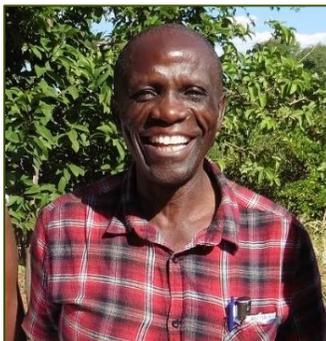
## THE BUTTERFLY TREE - ZAMBIA



PRESLEY, MARTIN AND MUPOTOLA



NATASHA AND MAFIAN



STAIN, JAFER, DENNIS, EDWIN AND PETER

## SUSTAINABILITY & WAY FORWARD

Many people ask me how we manage to run a successful charity and NGO using volunteers only. The answer is that this model has worked for us, for over thirteen years, due to the sheer dedication and commitment of some exceptional people both in the UK and Zambia. Having volunteers on the ground replaces agencies and helps to prevent dependency. Most importantly it allows us to use maximum donor funds for our grass root projects. Besides our original team we have enrolled six young Zambian volunteers, all have been sponsored by The Butterfly Tree, and three of them are orphans. This produces sustainability.

Providing safe clean drinking water offers sustainability to communities and schools. Not only does it reduce the risk of disease caused by drinking polluted water, but schools can have gardens to create feeding programmes. Adding more boreholes is crucial, especially in times of drought.

Additional rural health posts are needed to prevent unnecessary deaths. Some people must travel over twenty miles to seek medical attention. If facilities are available diseases such as malaria can be treated before complications occur. Such a facility encourages women to give birth in a safe environment.

‘Education, education, education’ – the way to overcome poverty. Development and expansion of rural schools in outreach areas from early learning through to secondary school is imperative.

In April the pilot launch for the new malaria vaccine will commence in Malawi, offering protection for 360,000 children, up to two years of age. However, in clinical trials the vaccine was found to prevent only 4 in 10 malaria cases. Therefore, mosquito nets are still the most essential prevention method, and together with our malaria prevention intervention, universal coverage can be provided.

Many of the orphans we sponsored from 2006 have now completed school and some have graduated from college. Last year four trained peer educators, two of which are orphans, also trained to become builders. Now they are working alongside experienced builders constructing schools and clinics, while earning an income. Their aim is to give back to their communities. What better way to move forward and create sustainability?

*‘You have changed my life and, also the entire group’ – Jafter Mushabati.*



## FUTURE AIMS

Our aim, as always, is continue working in remote areas that get no, or very little support. Construction has commenced for a new health post at Bunsanga and classroom blocks for Kawewa and River View Schools. Mukuni Secondary School is to have a new boarding shelter and funds are being sourced for boarding shelters at River View, and a new primary school in Kazungula to accommodate at least 300 children who were found not attending school. The entire new school at Muyunda will be completed.

We aim to sponsor more students in further education, most especially for skilled-based courses. It gives orphans and vulnerable youths the opportunity to be self-employed and to establish income-generating enterprises, which can also help to empower young women.

Our peer educators will pursue their workshops in schools, teaching pupils about HIV prevention, teenage pregnancies, and alcohol and drug abuse. We will encourage more youths to get involved with football and netball, the aim is to promote HIV awareness and prevention.

Helping to prevent new cases of malaria in areas of high prevalence is one of our main priorities. More schools will receive donations of mosquito nets. Working with the Ministry of Health we are targeting Musokotwane Chiefdom, in September dwellings in Ngwezi zone will be painted with safe insecticidal coating

As always, we will work closely with our team in Zambia and continue to engage our donors so that they can be part of the project they have funded. We have a proven record of transparency and appreciate the huge trust donors put in us. New sponsors and grants will be sought and, as always, we will not deduct any administration or personal fees, remaining true to our original concept.

Our Child Protection and Safeguarding Policy is reviewed annually by the Trustees and Leah, one of our volunteers, who is certified in child protection, is currently taking an advanced course in this extremely important subject.



## ACCOUNTS

Charity Accounts from 1<sup>st</sup> April 2018 to 31<sup>st</sup> March 2019

INCOME	GBP
Donations, Sponsorship & Fundraising	228,931
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EXPENDITURE	
Orphan Sponsorship	28,881
Further Education Sponsorship	6,745
Expenses	1,733
Building Projects	138,543
Utility & Fuel	255
Water & Sanitation	22,790
Sustainable Development	4,167
Sports/Other Projects	261
Malaria Prevention	11,786
School Equipment	4,959
Food & Healthcare	2,574
Promotional Activities	0
Transportation & Logistics	5,688
Miscellaneous	1,553
Bank Charges	713
Admin fees	0
	<hr/>
	230,648
Net of receipts/ (payments)	(1,716)
Reserves brought forward at 1st April 2017	21,826
	<hr/>
RESERVES REMAINING at 31st March 2018	<u>20,110</u>

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

Signed:



Date: 19/06/19

H Watson: 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.

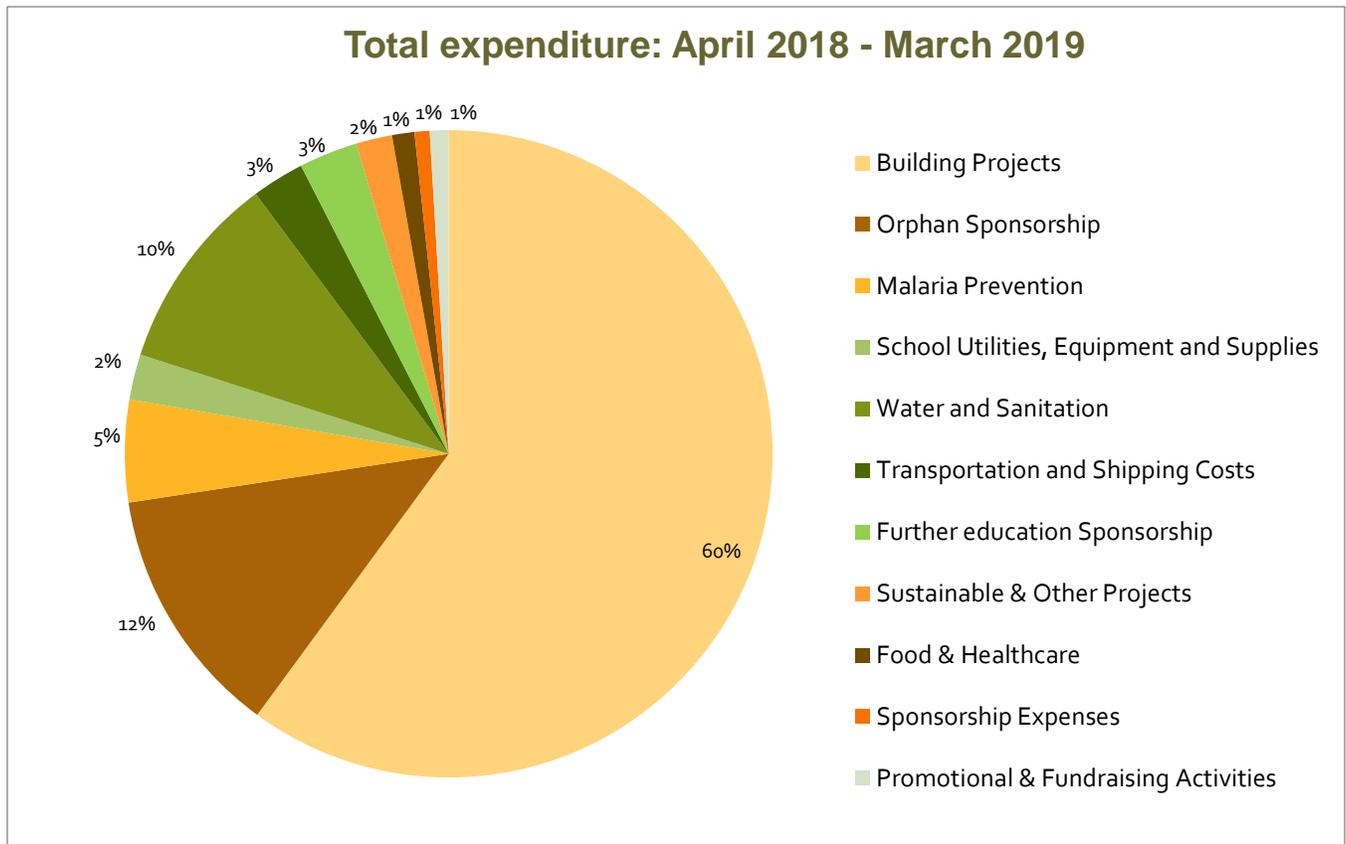
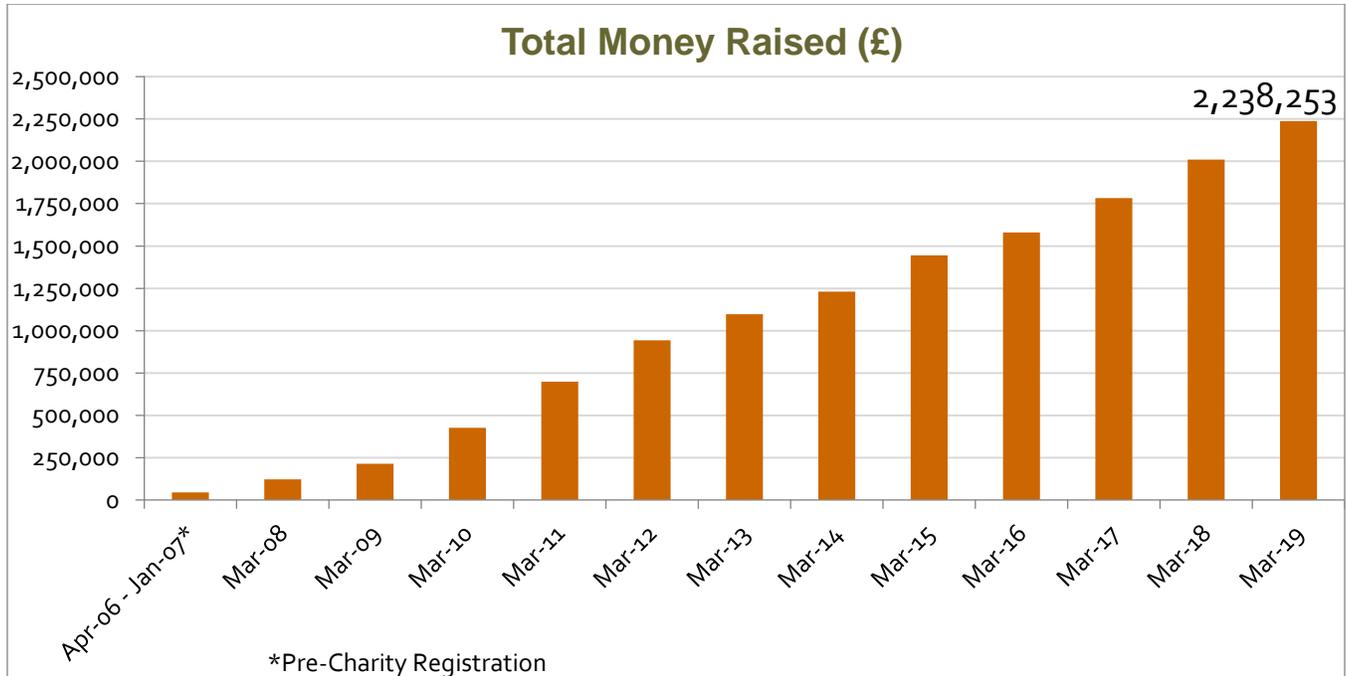
Signed:



Date: 19/06/19

J Kaye-Bailey: The Butterfly Tree

## GRAPHS





Another successful year has been completed, enabling thousands more children to gain access to advanced education and improved health facilities. More schools and communities have safe clean water and a vast number of children are protected against malaria. The support we received has been overwhelming, most especially from GOAC, The Hilary and Neil Murphy Foundation, ATD Foundation, BFSS, Nick Bousliman and Motive Real Estate. Our sincere thanks to them and every corporate, club, organization, school, church and individual from Europe, UK, Canada, US, UAE, and Australia, who believe in our cause.

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



## 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'.*



Registered charity no. 1118084

3 Gannaway Court, Norton Lindsey, Warwick CV35 8JR

Tel: 44 (0) 1926 843699 Fax: 44 (0) 1926 843879

Email: [jane@thebutterflytree.org.uk](mailto:jane@thebutterflytree.org.uk)

[www.thebutterflytree.org.uk](http://www.thebutterflytree.org.uk)