

THE GREATEST **AFRICAN** ELEPHANT EXPEDITION 2016

Public
Awareness

Community
Upliftment

Youth
Conservation
Education

Fundraising
Support

The ELEPHANT IGNITE expedition has identified a number of projects involved in extraordinary research, community upliftment programmes, education and anti-poaching work on the ground. Part of our fundraising campaign is aimed at supporting these organisations with their long-term funding. Enclosed is a brief overview about the projects and their respective "wish-lists". Please feel free to refer to their websites for more comprehensive information.

**10 000 KILOMETERS | 10 COUNTRIES
ONE INCREDIBLE JOURNEY**

'WOMEN FOR WILDLIFE'



ELEPHANT BENEFICIARIES

ELEPHANTS AND BEES PROJECT

The Elephants and Bees Project is an innovative study using an in-depth understanding of elephant behaviour to reduce damage from crop-raiding elephants relying on their instinctive avoidance of African honey bees.

The project explores the use of novel Beehive Fences as a natural elephant deterrent creating a social and economic boost to poverty-stricken rural communities through pollination services and the sustainable harvesting of "Elephant-Friendly Honey".

- 6 x Beehive fences - R 15,000-00 per 4 sq km's of "beehive fence". Require funds for 6 more fences for Mwambiti Village.
- 10 x Quality, rip resistant full Beesuits - R 1,400-00 each.
- 20 x Veil and hat Bee protection for the farmers to use when working with the bees - R 525-00 each.
- 2 x Honey Spinners for extracting honey – R 9,000-00 each.
- 2 x Research Canvas Tents to house Senior Researchers - R 27,000-00 each.
- 1 x Research / Project vehicle - Single cab 4 x 4 for fieldwork, maintenance, collecting of honey and transport of beehives. – R 375,000-00

www.elephantsandbees.com

ECOEXIST PROJECT

Ecoexist Trust is a Botswana registered NGO established in 2013. Their team has focused on understanding, documenting, and addressing the root causes of Human-Elephant Conflict (HEC) since 2008. Ecoexist's long-term aim is to create an enabling environment for policies and on-the-ground activities to reduce HEC and foster coexistence between elephants and people.

The Ecoexist Project focuses on five key objectives, all designed to address both the immediate conflicts between people and elephants and tackling the major underlying causes of the conflict.

- Introducing existing and developing new innovative mitigation techniques to reduce crop raiding by elephants.
- Alleviating land use conflicts and elephant corridor protection through informing and facilitating appropriate land use planning, facilitating new agricultural practice and innovation to improve food security
- Increasing benefit generation linked to elephants through tourism development and other elephant themed product enterprises.
- Improving our knowledge about elephant movements, ecology and drivers of conflict through a interdisciplinary research programme.

Branded clothes

Ecoexist has a team of 3 directors, 2 field coordinators, 13 Ecoexist community officers and 10 support staff, 3 interns and 5 PhD students, not to mention all their partners in the community and Government departments. Wearing Ecoexist branded clothing boosts the visibility of the project and supports marketing efforts.

- Shirts for team members @ R25,000-00
- T-shirts for team and partners @ R25,000-00
- Caps/hats for all @ R25,000-00

(Clothing would be sourced and branded in SA)

"Elephant Economy" Product Development and Marketing

Ecoexist is developing samples and exploring markets for a line of "Elephant Economy" products that will be sourced locally and help generate benefits for people who live with elephants. The products include curios, foods, and other elephant-themed items including:

- a) Elephant-friendly farming and veld products e.g. organic millet beer, marula jam, chilli sauce ect.
- b) Baskets and other curios with elephant designs.

- The food product units cost about R 15 on average to manufacture and label @ R 75,000-00 for 5,000 units
- Funding for small production runs, source ingredients and cover shipping @ R 100,000-00
- Marketing costs @ R 40,000-00

Education Programme

Human-elephant conflicts are driven by a variety of factors including ideas, beliefs, attitudes and perceptions. For this reason, they have developed strategies aimed at influencing the mindsets - both local and international - about elephants and the possibilities for elephants and people to coexist.

We would print the materials for this education in SA and distribute to the Ecoexist team.

- Educational materials @ R 10,000-00
- Education trainer (ECO) trainings R 10,000-00

Elephant Collars

Ecoexist has collared 28 elephants in the Okavango Panhandle to explore movements and habitat use. They need to collar at least a further 12 elephants which will enable them to use them as a stand alone study as well as incorporating the data into the larger dataset.

Main sponsors would be able to "name" the elephant they collar, and will receive a general quarterly update of the project. The collars would be sourced in SA.

- 12 x Collar @ R 55,000-00 each
- Collaring costs (vet, drugs, helicopter, plane) @ R 35,000-00 per elephant





Cultural Fair

Ecoexist hosts a Panhandle Cultural Fair to celebrate the people, arts and cultures of the Eastern Okavango Panhandle and uses this cultural Fair as an opportunity to showcase the talents and experiences of people who live with elephants.

The event builds shared identity and positive attitudes about elephants while encouraging new elephant-themed products, thus branding the Panhandle as an elephant-based destination.

- Transportation and food for Local Chiefs/VIPs @ R 70,000-00
- Equipment and Advertising (sound system, tables/booths, newspaper ads and flyers, etc) @ R 60,000-00
- Elephant Arts and Performance Competition and Cash Prizes (Awarded in each of 13 villages) @ R60,000-00
- Cultural Fair Coordinator and Assistant @ R45,000-00

www.ecoexistproject.org



ELEPHANTS ALIVE

Elephants Alive's research commenced in 2003 as Save the Elephants – South Africa, and draws on data collected over almost two decades. The research contributes towards the long-term survival of the African elephant, thereby maintaining the vital diversity of our world. If elephants are to survive, we need scientific knowledge and an intimate understanding of their movements and needs.

Elephants Alive deliver research solutions which acknowledge elephants as an integral part of the ecosystem they occupy. They work towards achieving a greater understanding of the complex relationships that elephants have with each other and their surroundings, including the people with whom they share their world.

Scientific Objectives

To conduct research into how habitat resources, the need for safety and the social presence of other elephants, influence observed patterns in elephant movements.

To understand the abundance, movements and conservation importance of the remaining large tusked bulls within the Great Limpopo Transfrontier Park (GLTP) and to use these flagship individuals as educational tools to address broader conservation concerns.

Relate elephant occurrence to their effects on the vegetation and infrastructure where elephants and man co-exist.

To determine the level of sensitivity between selected tree-nesting birds and the impact of elephant on trees used as nesting sites.

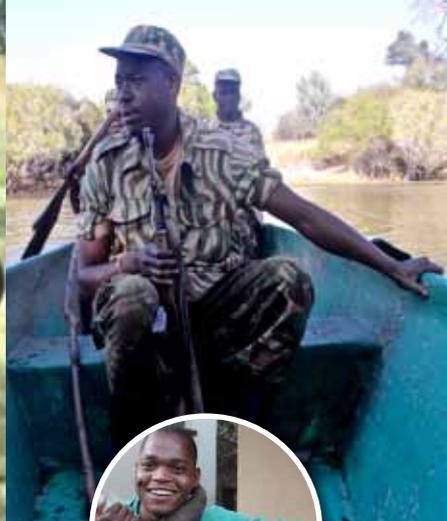
To assess the efficacy of experimental mitigation methods aimed at reducing the effects of elephants in localised areas.

To further our understanding of how elephant mortality rates differ between South Africa and other African range-use states in view of the escalating illegal trade in ivory.

- 5 x collars and collaring operational cost (R 70,000-00 each) to protect and follow potentially large tusked bulls.
- R 60,000-00 for fuel to monitor collared elephants per annum
- 1 x honey spinner (R 14,000-00) for extracting honey from our 'using bees to protect Marula trees' project
- 1 x honey suite and veil (R 2,000-00) to protect Environmental monitor when learning to harvest honey
- R 50,000-00 for Moringa nursery to grow trees for currency to pay for Black Mamba anti-poaching staff rations
- R 60,000-00 per annum contributions towards educational officer's stipend, materials and transport

www.elephantsalive.org





GAME RANGERS INTERNATIONAL

Game Rangers International is a Zambian NGO founded in 2008 with the aim to protect the wildlife and support sustainable management of natural resources in Kafue National Park. GRI takes a holistic approach to conservation and development, rooted in the belief that the key to sustainable, long term utilisation of Zambia's natural wealth is best achieved by ensuring the full participation of its citizens in managing these vital, internationally important ecosystems. GRI is working with the following areas:

Animal welfare

Focuses on rescuing, rehabilitating and releasing wildlife back into the wild. Through the Elephant Orphanage Project they currently support 13 orphaned elephants with rehabilitation for subsequent release back in the wild. The Wildlife Veterinary Project cares for wildlife that has been injured through human activities and the Zambia Primate Project rescues and releases illegally held vervet monkeys and baboons.

Research and Policy

Includes field research into areas such as wild elephant populations and elephant behaviour, as well as investigations into the illegal bushmeat trade. The Lusaka Conservation Project also takes part in policy discussions to support the improvements of legislations to protect wildlife and habitats.

Education

Through its education programme, GRI is reaching children and adults in Lusaka and Kafue National Park with conservation and environmental education. The education programme reaches more than 700 students every month, and a weekly conservation radio programme is reaching 60,000 people.

Community Outreach

Focuses on improving livelihoods in communities in and around Kafue National Park through the implementation of sustainable natural resource management techniques, mitigation of human-wildlife conflicts as well as community development programmes such as cattle dipping, women's cooperatives and a mother's shelter.

Law Enforcement

GRI works with Zambia Wildlife Authority (ZAWA) to strengthen law-enforcement and wildlife protection in Kafue National Park. Kafue Conservation Project is supporting ZAWA's Anti-Poaching Units with training, equipment and welfare. The Lusaka Conservation Project provides operational support to Lusaka-based intelligence and anti-trafficking efforts.

- 1 x Toyota Land Cruiser pick-up to be used as SAPU 3 Rapid Response Vehicle. Price: USD\$70,000
- 2 x 20' Shipping Containers to be used for additional storage for the Anti-Poaching Units. ZMW40,000.00.

- 6 x Night Vision Devices, hands free/helmet mounted, NYX 7 ID, unit price £1,849.00.
- 1 x Motorbike for Mumbwa District Community Officer, price including Yamaha 125cc, training & licensing: \$5000.
- 2 x Projectors BenQ MW523, unit price \$650, for District Community Officer
- 2 x Laptops - unit price \$500, for District Community Officer
- 6 X tents to accommodate ZPP staff in the field, as well as ZAWA scout, a volunteer, and for storage.
- Satellite collars for monitoring Release stage elephants, unit price R150,000.
- 2 x laptops - for data storage and analysis of data on Post Release Monitoring of the orphaned elephants, wild elephant research and the Behavioural Observation Study of orphaned elephants from rescue through to release, unit price R18,000.
- First Aid Training for all staff at Lilayi Elephant Nursery and Kafue Release Facility (St Johns Ambulance training), R25,000. (An increase to R35,000 will cover training for all GRI field staff)
- 10 x GPS, Garmin Etrex 30, for the Lusaka-based Anti-Trafficking work, unit price £220.
- 10 x Binoculars, Bushnell 8 x 32, for the Lusaka-based Anti-Trafficking work, unit price £130.
- 10 x Digital Cameras, Sony Cyber-shot DSC-TX30, for the Lusaka-based Anti-Trafficking work. Unit price £230.

www.gamerangersinternational.org

KASUNGU ELEPHANT FOUNDATION

The Kasungu Elephants Foundation contributes to the protection and conservation of animals and vegetation in Kasungu National Park, Malawi. Their main commitment lies within the protection of the remaining African elephants in the national park. Poaching and ivory trade are a serious threat to the survival of the elephants in Kasungu National Park. If this negative trend continues, the elephants fate will be the same as that of the rhinos and vultures, which have already become extinct in Kasungu National Park.

Human Resources

- WERU Vet (Collaring op) 10 days \$3,000.00
- WERU Vet (De-Collaring op) 10 days \$3,000.00
- CWT Dangerous Drugs Technician (Collaring op) 10 days \$2,000.00
- CWT Dangerous Drugs Technician (De-Collaring op) 10 days \$2,000.00
- KEF Elephant monitor (ground) Remke 24 months \$19,200.00
- CWT Ecologist, Co-ordinator & Administrator (office) 24 months 24,000.00
- Labour (Collaring op) 40 man - days \$1,600.00

Estimated Sub-Total R 846,000-00



Aerial Monitoring

- Gyrocopter (Elephant herding when near boundary) 50 hours (over two years) \$17,500.00
- Bathawk (General Surveillance) 100 hours (over two years) \$30,000.00
- Airfield Maintenance \$2,000.00

Estimated Sub-Total R 742,500-00

Equipment & Drugs

- Drugs (Collaring & De-collaring) 2 estimate \$3,000.00
- Collars 8 collars \$28,000.00
- Computer 1 computer \$1,500.00
- Software 1 application \$500.00
- VHF receiver (ground) 1 receiver \$1,200.00
- VHF receiver (airborne) 1 receiver \$1,400.00
- Gyrocopter (Collaring op) 12 hours \$4,200.00
- Gyrocopter (De-collaring op) 12 hours \$4,200.00
- Camera Traps 2 camera \$800.00
- Radio System (1 base station & two handhelds & 1 aviation frequency handheld) 1 integrated radio system \$3,000.00
- Vehicle (Collaring & De-collaring ops) 20 days \$2,400.00
- Fuel (Collaring & De-collaring ops) 20 days \$800.00

Estimated SubTotal R 765,000-00

Ground Monitoring

- Diesel (250 working days per year for two years) 500 days \$9,000.00
- Vehicle Maintenance 2 years \$8,000.00
- Vehicle 1 4WD \$40,000.00
- Game Scout (250 working days per year for two years) 500 days \$5,000.00

Estimated Sub-Total R 930,000-00

Construction of a Beehive Fence at Kasungu National Park

KEF want to build on the successful ideas developed in Kenya that take advantage of elephant's fears of bees, and use a line of beehives as a natural fence to keep elephants inside the park (600m). This will help to keep the elephants in a protected area, prevent conflicts with the local community and even provide this community with an additional source of income from selling the honey produced in the beehives.

The entire project -including equipment, Personnel, training, supplies and services will cost approximately R83,250-00

www.kasunguelephants.org

WILDLIFE CONNECTION

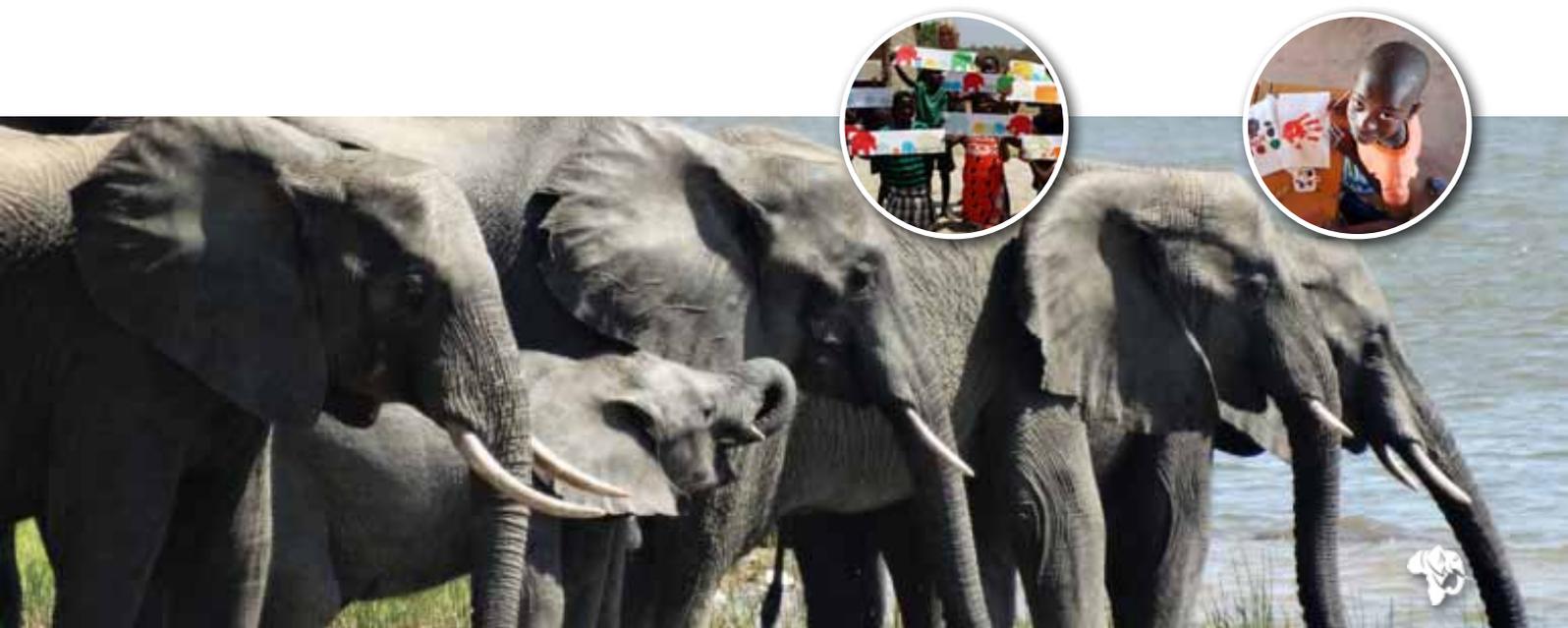
The Wildlife Connection team has been working in the village communities outside Ruaha National Park since 2008, to meaningfully engage local people in elephant conservation.

They achieve this by:

1. Creating experiential and monetary benefits to people of living with elephants.
2. Reducing elephant crop-raiding behavior.
3. Offering both formal and informal educational opportunities for people of all ages to learn about the elephant poaching crisis and the importance of protecting elephants locally.

Our multi-pronged approach is designed to reach virtually every person in these communities, and to create a sense of ownership and personal investment in elephant conservation that will be the foundation for sustainable co-existence between elephants and local people for years to come.

- 1 x Photo printer/ink/photo paper to print photos for villagers, following park trip. Total cost R 5,250-00 (Rauha NP)
- 5 x Digital cameras for villagers to use during park trips (USD 100 each)
- 5 x Binoculars for villagers to use during park trips R 1,500-00 each (Rauha NP)
- 1 x Motorcycle - which is essential for helping their staff move from village to village far more efficiently (and cheaper) than would be possible with a car. R 15,000-00 (Rauha NP)
- 2 x Sturdy canvas tents for staff accommodation at camp (USD 500 each)
- 5 x Camera traps to monitor elephant movements outside Ruaha. R 7,500-00 each (Rauha NP)





THE SOUTH LUANGWA CANINE UNIT

The South Luangwa Canine Unit, as part of the South Luangwa Conservation Society (SLCS), was implemented in October 2014 in partnership with the Zambia Wildlife Authority (ZAWA).

The purpose of the Canine Unit is to provide additional wildlife contraband, illegal firearm and ammunition detection capabilities to SLCS, local police and ZAWA law enforcement teams. Dogs have proven themselves irreplaceable across conservation and law enforcement disciplines numerous countries. The South Luangwa Canine Unit dogs are typically deployed for roadblock, village and camp searches where information suggests illegal wildlife products or firearms have been hidden. Currently the dogs are trained on the scents of gunpowder (all types of firearm parts and ammunition), ivory, bush meat, leopard skins pangolin and elephant meat.

Since the middle of November 2014, dogs have been deployed on operations including national park gate-checks, snap roadblocks, multiple day roadblocks, monitoring fishing camps, and night operations based on intelligence gathering.

During all night operations multiple suspects were apprehended and illegal firearms confiscated which would have gone undetected if not for the dogs. Elephant products are extremely easy for the dogs to detect and they have had great successes in this area.

Over the next year, the aim is to train the dogs to detect a wider matrix of other wildlife species including leopard, lion and other cat species parts.

Funding is required to assist with the care of the dogs and also facilitation of programs and will be used for

- Veterinary support for the dogs per annum. R15,000-00
- Recruitment and training of an additional handler for a new dog. R54,000-00
- Patrols for the dog team. R27,000-00

www.slcszambia.org



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