

**OL PEJETA .Y
CONSERVANCY**



ANNUAL REPORT

2019

OUR VISION

To become an innovative and sustainable development model of national importance that conserves biodiversity (particularly endangered species) and contributes to economic growth and the improvement of the livelihoods of rural communities.

OUR MISSION

OI Pejeta Conservancy works to conserve wildlife, provide a sanctuary for great apes, and to generate income through wildlife tourism and complementary enterprise for reinvestment in conservation and communities.



BOARD OF DIRECTORS (KENYA)

Philip Coulson, Chairman
 Joanna Elliott (Fauna & Flora International)
 Dr. Annette Lanjouw (Arcus Foundation)
 Mike Watson (Lewa Wildlife Conservancy)
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 Daniel Szlapak
 Richard Vigne

BOARD OF DIRECTORS (UK)

Joanna Elliott (Fauna & Flora International)
 Dr. Annette Lanjouw (Arcus Foundation)
 Charles Graham
 Patrick Green

Lion cubs on OI Pejeta | Renee Roaming

OI Pejeta Conservancy enjoyed a reasonably buoyant year in 2019 with significant growth in the tourism sector in particular. We also managed to make good progress towards the recovery of the northern white rhino from the brink of extinction, secure the Mutara Conservancy as future habitat for rhinos, and continue to grow our black and southern white rhino populations - with nil poaching recorded during the year. On the community development front, we continued to support the economic and social development of the people that live around the Conservancy in a way that is tangible, recognised and supportive of government efforts.

However the COVID-19 pandemic that has swept across the world since the beginning of 2020 poses a major threat to the commercial revenue streams of the organisation. Given the fixed cost nature of conservation, this will likely force the company into a period of financial losses until tourism recovers, probably not before mid-2021. The challenge during this period will be to maintain the integrity of the organisation at the same time as ensuring recent gains in conservation and community development are not reversed.

Despite current challenges, the year 2019 actually saw record incomes from tourism as OI Pejeta took significant steps in its strategy to develop more value-add opportunities across this sector of the business. As a result visitors can now choose from 26 different immersive conservation activities, sales of which increase the average per-person spends at the same time as improving the overall visitor experience. Thus OI Pejeta aims to become a destination that offers deep insights into what it takes to achieve conservation, creating a competitive advantage for itself in the tourism industry and stimulating increased demand for its product in the process. Going forwards the Conservancy will welcome two new third party camp investments by Abercrombie & Kent under their "Sanctuary Camps" brand, and Entim Camps. It is expected that these camps will be commissioned in mid-2021.

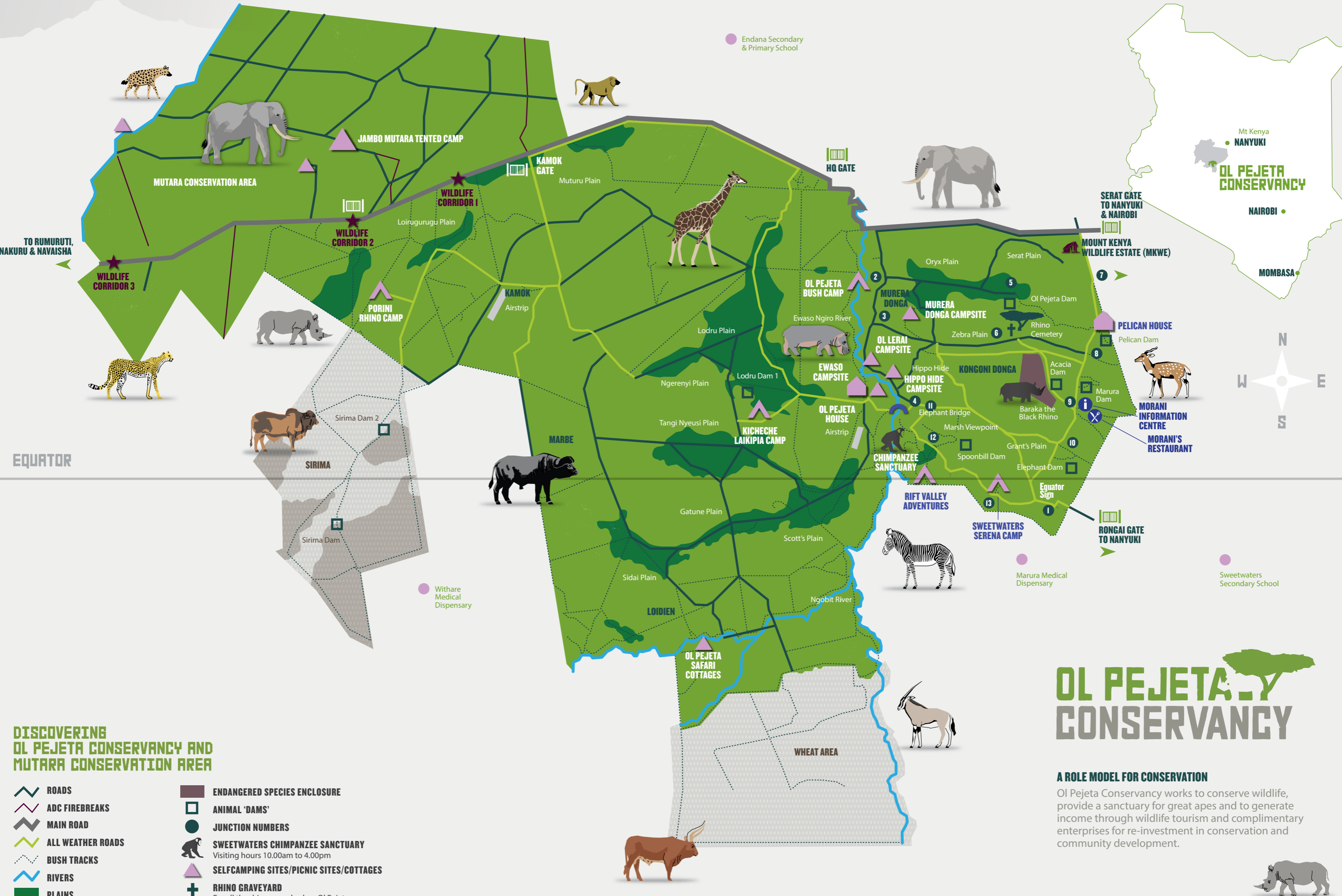
In the agriculture sector, progress to develop the Sirima section for the purposes of fodder production continued, with the aim of improving overall livestock productivity. Whilst this has yet to translate into improvements to bottom line profitability, the investments made now will serve the company well for the future, allowing it to position itself as Kenya's top producer of prime "conservation beef" going forwards.

Approximately three years ago OI Pejeta took a decision to invest in the development of a fundraising arm to supplement revenue streams in support of the landscape level conservation and community development objectives of the organisation. To that end the Fundraising and Communications department is now fully established and the organisation successfully registered as a charity in the United Kingdom aimed to enhance the ability to generate philanthropic income. Over time this will significantly enhance our ability to deliver on our key "2030" objectives across Laikipia, and potentially beyond.

In summary, despite the challenges now faced as a result of the COVID-19 pandemic, OI Pejeta Conservancy remains in a relatively strong position to continue to make forward progress on its key objectives of conservation and community development in the future. However 2020 is going to be a massive challenge.

Richard Vigne
 Managing Director
 OI Pejeta Conservancy





DISCOVERING OL PEJETA CONSERVANCY AND MUTARA CONSERVATION AREA

- ROADS
- ADC FIREBREAKS
- MAIN ROAD
- ALL WEATHER ROADS
- BUSH TRACKS
- RIVERS
- PLAINS
- MAIN CONSERVATION AREA
- WILDLIFE CORRIDORS
- ENDANGERED SPECIES ENCLOSURE
- ANIMAL 'DAMS'
- JUNCTION NUMBERS
- SWEETWATERS CHIMPANZEE SANCTUARY
Visiting hours 10.00am to 4.00pm
- SELFCAMPING SITES/PICNIC SITES/COTTAGES
- RHINO GRAVEYARD
For all the rhinos poached on Ol Pejeta
- MAJOR CAMPS AND LODGES
- MOUNT KENYA WILDLIFE ESTATE (MKWE)

OL PEJETA CONSERVANCY

A ROLE MODEL FOR CONSERVATION
 Ol Pejeta Conservancy works to conserve wildlife, provide a sanctuary for great apes and to generate income through wildlife tourism and complementary enterprises for re-investment in conservation and community development.



INNOVATIVE, TANGIBLE CONSERVATION FOR WILDLIFE AND PEOPLE

CONSERVATION

2019 HIGHLIGHTS



Renee Roaming

21 rhino calves born (17 black rhinos and four white rhinos). 8% growth rate - highest ever!



200 acres secured into habitat recovery along the Ewaso Nyiro River



Ami Vitale

19 eggs harvested from the northern white rhinos, 3 eggs developed into viable embryos



Justin Mott

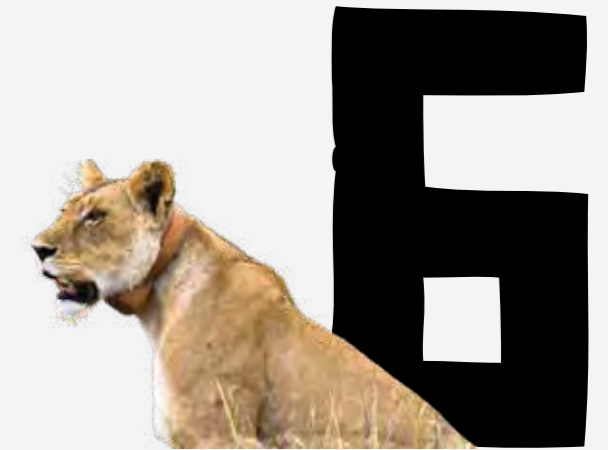
219,000 kms covered by rangers on patrol



22 rhinos ear notched for easy identification and monitoring



bloodhound puppies born, two kept and seven assigned to other conservancies



lions collared for more effective monitoring and management



rangers received extra training in drills, patrols, and wildlife monitoring



endangered Grevy's zebra born, bringing total population to 19



19 more kms of fence line have been added around Mutara, bringing the total kms of fence to 40. This is essential for mitigating human/wildlife conflict.



901 dogs in local communities were vaccinated against rabies to protect people and wildlife. This was done in partnership with Mpala Research Centre and the Government of Kenya.

COMMUNITY

2019 HIGHLIGHTS



health clinics conducted and 5,168 patients treated



students on full scholarships



computers and tablets awarded to local schools with eight specially adapted servers for access to educational content



community farmers trained in conservation agriculture

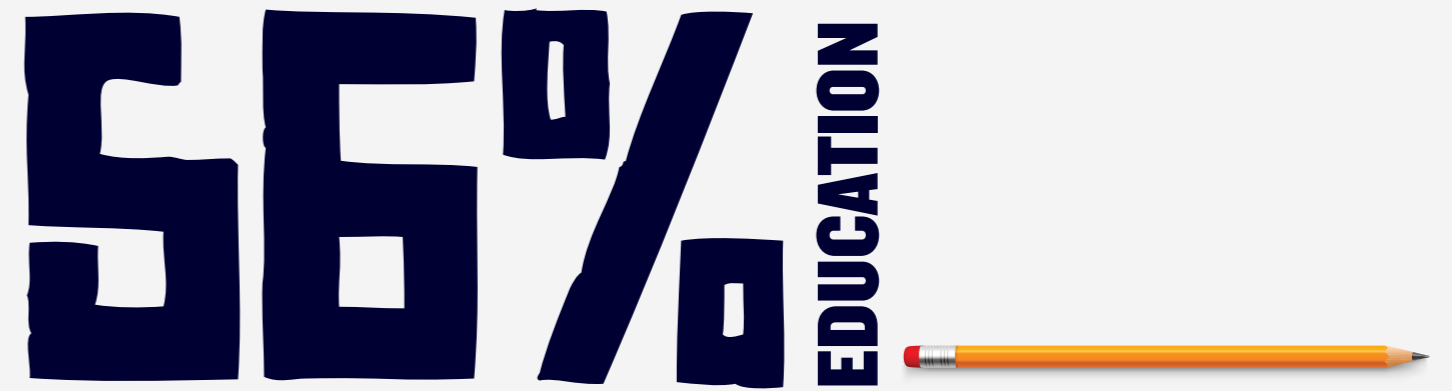


2,500 community members visited Ol Pejeta for conservation education trips.



420 community cattle received artificial insemination for improved stock, leading to more robust animals.

HOW THE FUNDING HELPED SUPPORT COMMUNITY DEVELOPMENT



184 energy saving stoves built



2,500 tree seedlings planted along the Ewaso Nyiro riparian zone and four communal seedbeds established

TOURISM

2019 HIGHLIGHTS

26



conservation experiences now on offer for guests

2,583



people camped in the wild

Ksh 481,083,000 (US\$ 4,810,830)
earned from tourism

Ksh 12,386,138 (US\$ 123,861)
worth of items sold through the Conservancy shops, with all profits going into conservation and community development

110,676

visitors through the gates in 2019



- 33,101 Kenyan citizens
- 10,675 Kenyan residents
- 38,724 non-residents
- 26,647 Kenyan students on conservation education trips
- 1,529 international students
- 1,133 community members



10% increase in domestic tourism

TECHNOLOGY

2019 HIGHLIGHTS



WPS (Wildlife Protection Solutions) covert cameras were set up and eventually integrated with EarthRanger



new technologies trialled through the Conservation Technology Lab, and several incorporated into the internet of things, using SigFox



9,000 photos taken on CCTV cameras out in the field



text messages sent on the dual SMS system for community engagement and support



The Conservation Technology Lab was officially launched on the 29th of May. Since then, it has worked with numerous partners on seven individual projects.



EarthRanger was also launched, an online tool that helps Ol Pejeta to collect, integrate and display historical and real time data. This was in partnership with Vulcan.

LIVESTOCK

2019 HIGHLIGHTS

1,722



calves born



breeding bulls sold



more acres of land developed for fodder production, bringing total to 2,500 acres



acres of wheat land harvested with minimum tilling for improved soil health

A further Ksh 20 million (US\$ 200,000) of hay sold



Ksh 180m (US\$ 1.8m) generated in revenue from home livestock herd and fodder production. 205 people employed in the livestock department.



2,122 head of community cattle fattened and sold, benefitting approximately one hundred households.

HUMAN CAPITAL

2019 HIGHLIGHTS

3



new accommodation blocks, each with three housing units, built for our wildlife rangers

762

people employed by OI Pejeta, with a total of 980 employed on the Conservancy



Three new 55" televisions bought for staff camps' recreation areas



Seventy people involved in the OI Pejeta Community League



One leadership and management training session conducted for middle management staff



Three OI Pejeta sports teams competed in local leagues easy identification and monitoring

CONSERVATION



CONSERVATION

2019 saw the highest ever recorded number of rhino births on Ol Pejeta. Not only is this excellent for the species, but it demonstrates the importance of securing more habitat for black rhino conservation in support of national objectives. Our contribution to regional conservation efforts has been further demonstrated by the increased traffic of wildlife through our boundary corridors, as seen by the data collected by new technology we are in the process of adopting (see page 68).

Our management oversight of expansion into Mutara for wildlife conservation has already had a very positive impact on wildlife there - with increases in numbers and species diversity seen in a recent wildlife census. We continue to collaborate with the Kenya Wildlife Service (KWS) in support of national species conservation programmes, as we seek to expand our conservation impact.

Our veterinary operations were once again boosted by the renewal

of our wildlife veterinary practice license in support of the KWS Mountain Region Conservation Area. This is in collaboration with the KWS Regional Office, and means we can be called in to assist with critical wildlife management activities such as ear notching and collaring, as well as treatments beyond the boundaries of Ol Pejeta.

It has been very rewarding to work with such a passionate and dedicated team, and it is gratifying to see some of their efforts being recognised on a global platform. Simon Irungu, a Team Commander of Ol Pejeta's Rapid Response Unit, was one of the winners of the 2019 African Ranger Awards.

The great work of James Mwenda and Joseph Thuita (Jojo) campaigning for rhinos in the UK, the US and South Africa made us all very proud. Kifaru, a film about the rangers taking care of our northern white rhinos, continues to be an important story to tell, and a great demonstration of the need for humans to change in the way we interact with planet Earth.



Samuel Mutisya
Head of Wildlife Conservation

Despite the massive challenges we now face as a result of the COVID-19 pandemic, we are determined to maintain this trajectory and sustain our conservation efforts across the Kenyan landscape - with new solutions in technology, science, relationships and innovation.



Elephants on Ol Pejeta | Rio the Photographer



Harvesting northern white rhino eggs | Ami Vitale



Rio the Photographer



INNOVATION AND REAL HOPE FOR NORTHERN WHITE RHINOS

THROUGH truly pioneering conservation work and extraordinary scientific development, there is hope on the horizon for northern white rhinos. On 22nd August 2019, a team of vets successfully harvested ten eggs from the last two northern white rhinos in the world - Fatu

and Najin. The groundbreaking work was the result of collaboration between Dvůr Králové Zoo, Ol Pejeta, the Kenya Wildlife Service, IZW Berlin and Avantea. Two of the ten eggs were successfully fertilised in the laboratory. They were artificially inseminated using ICSI (Intracytoplasmic Sperm Injection) with frozen sperm from two different northern white rhino bulls, Suni (who lived his final years on Ol Pejeta) and Saut. Then, on December 17th, the team was able to harvest nine more eggs, four from Najin and five from Fatu. Out of these, just one

(from Fatu) developed into a viable embryo that is now being stored in liquid nitrogen along with the two embryos from the first procedure. These will be transferred into a surrogate southern white rhino mother in the near future, a first for assisted reproduction in rhinos.

This could mean the renaissance of a species, and lays the foundation for the revival of other critically endangered animals. It is a remarkable chance to undo some of the terrible things man has inflicted on nature.

SWEETWATERS CHIMPANZEE SANCTUARY

THERE were a few ups and downs for the sanctuary in 2019: arrivals, departures, lessons learned and new commitments made. As ever, we are dedicated to providing our chimpanzees with the best possible care, offering them the chance to find happiness after rescue.

To ensure the chimpanzees at Sweetwaters are healthy and content, we carry out health checks every two to three years, and constantly explore new ways to enrich their environment. Sweetwaters staff also undergo regular training in chimpanzee care.

During 2019, funding from the Arcus Foundation enabled us to renovate the old chimpanzee house, upgrade the water supply systems, improve the way we store

hay to ensure the chimpanzees get fresh bedding every night, and to enrich their outdoor and indoor enclosures. Improving the mental health of the chimpanzees in our care is just as important as maintaining their physical health, considering the traumatic experiences many of them have been through.



Outdoors, we've built climbing structures and other equipment to encourage play, while indoors we've provided hammocks for the chimpanzees to nest in.

Last year saw the worst disease outbreak in the recent history of

the Sweetwaters Chimpanzee Sanctuary. Respiratory infections were first noticed in two chimpanzees in February, and within seven days the outbreak had spread to approximately 98% of the chimpanzee population. Sadly, two young females died as a result.

An infectious disease management protocol, and support from the KWS, the International Livestock Research Institute (ILRI), the Kenya Medical Research Institute (KEMRI - Kisumu), the Institute of Primate Research (IPR), and Pathcare Laboratories helped stop the outbreak from claiming more lives, and all of the other infected chimpanzees recovered fully in good time.

The support of various donors has enabled us to enrich facilities, fencing and rehabilitation of the old chimp house and install basic lab equipment in the Sanctuary for disease diagnosis and treatment decisions.



GREVY'S ZEBRA

THE Grevy's zebra, *Equus grevyi*, is listed as endangered by the IUCN, and is found only in central and northern Kenya and southern and north-eastern Ethiopia. Since the 1970s, populations have declined by about 80% due to habitat loss, disease and hunting. There are now just 28,120 left in the wild.

In 2011, we partnered with KWS to move the 13 Grevy's zebras living in Ol Pejeta to the secure, predator-proof northern white rhino enclosure. They were joined

by eight female Grevy's zebra from Lewa Wildlife Conservancy, in the hope that this herd would grow safe from predator or human pressure, and eventually serve to repopulate the surrounding areas.

When the prolonged dry spell in 2017 led to the death of some foals and adults, the decision was made to move the zebras into the Mount Kenya Wildlife Estate (MKWE), to reduce grazing pressure in the northern white rhino enclosure.

Six Grevy's zebra foals were born in MKWE in 2019, and by the end of the year Ol Pejeta's total population stood at 19. We hope to continue to grow this population.



Lion collaring on Ol Pejeta | Renee Roaming

TRACKING BIG CATS

SIX lions and one leopard on Ol Pejeta were fitted with tracking collars in 2019. Data collected on their movements and behaviour will help inform more effective conservation strategies for our big cats, as well as to mitigate human/wildlife conflict and issues with livestock on the Conservancy.

The collaring will also generate useful data to better manage potential conflict between lion and rhino populations. There are approximately 85 lions on Ol Pejeta. Lion numbers are in decline across Kenya.

LAUNCHING THE OSTRICH PROGRAMME

NUMBERS of the Maasai ostrich, *Struthio maasaicus*, have been in steady decline on OI Pejeta, and indeed the rest of the world, over the past ten years. Our 2019 aerial census recorded just nine birds, which is a 66% decline on 2010 numbers. We think this is due to predation on young birds and eggs, while elsewhere in Kenya hunting is also a threat.

That is why in late 2019, two females and a male were captured (in partnership with KWS) and moved to the endangered species enclosure - where pressure from predation is suppressed. The hope is that this will provide the ostriches with the safe space they need to raise young, and that they will eventually help repopulate surrounding areas.



Ostrich translocation on OI Pejeta



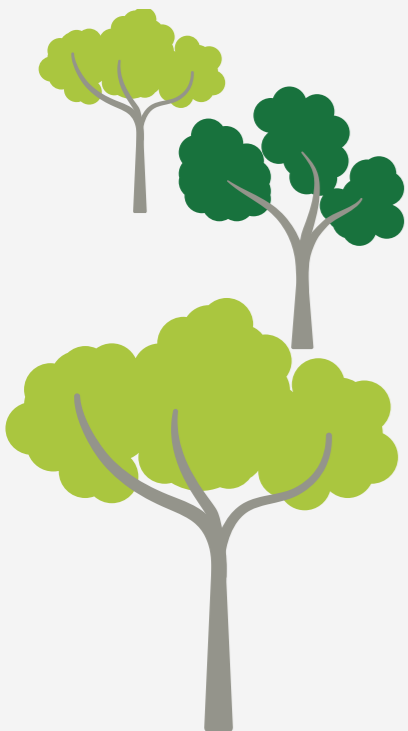
HABITAT RECOVERY - EXCLUSION ZONES

FOUR main habitat types can be found on OI Pejeta; grasslands, acacia woodlands, euclea shrub land and riverine woodland. Each face their own challenges, however, we have identified six key areas of acacia woodland that need urgent protection from destruction by elephants. One of these six areas, comprising

200 acres, was fenced with electric wire in 2019 thanks to a generous donation from the Bently Foundation.

This 'elephant exclusion zone' will not only boost biodiversity and availability of browse for wildlife, but also improve soil health and help to protect surrounding areas from erosion.

The exclusion zones also provide opportunities for carbon sequestration, engaging visitors in tree planting programmes, conservation education and peaceful campsites.



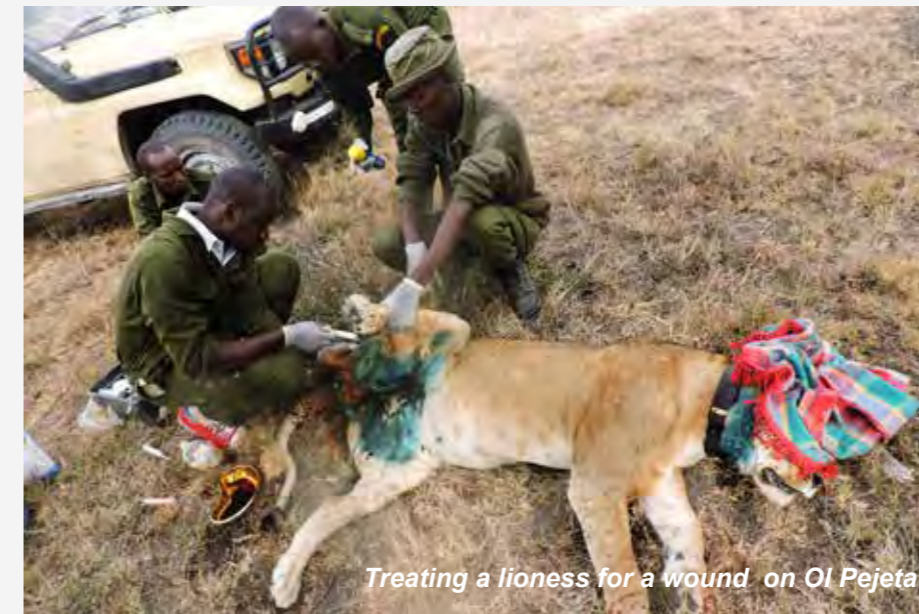
RESCUE AND RECOVERY

LAST year we launched our Veterinary Unit. We are thrilled to share that it has been hugely successful, working hard to save wildlife within OI Pejeta and the wider region, often in partnership with KWS. OI Pejeta's veterinary team attended to several callouts in 2019 to assist injured wildlife:

- Three lion cubs were rescued after their mother succumbed to injuries sustained in a buffalo attack, and are now being raised in the KWS Nairobi Animal Orphanage.
- A lioness was treated for injuries sustained in a fight with another lion.
- A serval cat was rescued from a man-made snare in community farmland and treated for minor injuries before being re-released on OI Pejeta.
- A mother elephant had to be euthanized after being found with an untreatable bullet wound in her leg. The vet team managed to rescue her young calf who is now being cared for at the Reteti Elephant Sanctuary. He will be released back into the wild when he is old enough.
- On the neighbouring Solio Ranch, the OI Pejeta team supported KWS in treating an injured black rhino.
- In neighbouring Loisaba, the vet team helped to treat and collar an injured lioness, as well as rescue and treat a Grevy's zebra that had been caught in a snare.



Lion cub rescue on OI Pejeta



Treating a lioness for a wound on OI Pejeta



Ear notching on OI Pejeta

A FILM BY DAVID HAMBRIDGE

KIFARU

LOOK EXTINCTION IN THE EYES



KIFARUTHEFILM.COM

OI PEJETA HITS THE INTERNATIONAL BIG SCREEN

THREE multi award-winning and award-nominated films featuring the northern white rhinos on OI Pejeta hit international screens last year.

'Kifaru' is a documentary following the lives of two young northern white rhino caregivers, James Mwenda and Joseph (Jojo) Wachira. Spanning over the course of their first four years on the job, Kifaru allows viewers to intimately experience the joys and

pitfalls of wildlife conservation firsthand through the eyes of these Kenyan rhino caretakers. Kifaru was directed by David Hambridge, and has won 24 awards at film festivals around the world.

'The Last Animals' also features the plight of the northern white rhinos, and made the official selection at numerous film festivals. Directed by Kate Brooks, the film looks at the extraordinary people who go to incredible lengths to save the planet's last animals.

The documentary follows the conservationists, scientists and activists battling poachers and criminal networks to protect elephants and rhinos and takes an intense look at the global response to this slaughter and the measures to genetically rescue the northern white rhinos who are on the edge of extinction.

'The Last Male on Earth' features Sudan. Floor van Der Meulen's debut film explores the final years of Sudan's life, and the furore that surrounded them. He was visited by thousands of tourists, starred in a massive Tinder campaign and numerous articles on various different platforms and was attended to by scientists from all over the world, desperate to find a solution to bring his species back from the brink. 'The Last Male on Earth' is a story told with sensitivity and elegance, holding up a mirror to humankind's catastrophically destructive nature.

Last but not least, OI Pejeta and the northern white rhinos feature in 'Seven Worlds, One Planet,' a documentary seven-part series from the BBC Natural History Unit narrated and presented by naturalist Sir David Attenborough.



James Mwenda raising awareness in the UK

FLYING THE FLAG FOR THE NORTHERN WHITES

NORTHERN white rhino caregivers James Mwenda and Joseph Wachira (Jojo) were with Sudan when he died. They felt the loss more than most on OI Pejeta, having spent seven years by his side. In 2019, they embarked on a tour to the UK and USA to share with the world the love and fear they feel being caretakers of Sudan and the northern white rhinos. They wanted to share what this loss meant

for them, giving talks at schools, speaking to wider audiences and raising awareness about the plight of all rhino species. James and Jojo visited 20 schools and five wildlife sanctuaries in the UK, together with a team from OI Pejeta's tourism team, as well as appearing on BBC's Morning Breakfast Show. Their trips encouraged over 30 volunteer applications to OI Pejeta, hundreds of visit enquiries and many animal adoptions.



James and Najin | Rlo the Photographer

JAMES MWENDA ON HIS TRIPS ABROAD



James Mwenda
Rhino Caretaker

everyday. Since then, I have been given the opportunity to travel to four countries to raise awareness. In 2019, I was graced to travel to two countries, the United Kingdom and the United States.

Before Sudan passed, we had documented his life for four and half years, through a film called 'Kifaru'. It documented his life as the face of extinction and the ambassador for change that he was. Being one of the featured characters and the narrator of the film, my colleague Joseph Wachira and I flew to the States for its premiere and the festival circuits across America. It received an overwhelming number of accolades, winning 13 awards of the 14 festivals we attended, bringing together big audiences to hear its messages.

We also visited four schools in America where we gave conservation talks. The film was a good trigger and the most frequently asked question from the audiences was "what can we do?" It was a very good opportunity to tell people how they can help the fate of the northern white rhino and other rhinos too.

In the UK, we managed to give talks to 20 schools, five wildlife sanctuaries and a BBC Morning Breakfast Show, highlighting on the overall need to protect

and conserve our environment. A highlight was a London screening of Kifaru, with more big audiences and lively talks from the OI Pejeta and Helping Rhinos teams.

The final result was the massive awareness we created, from all the visits we were able to inspire people by telling them the sad story of the northern white rhinos.

We asked them to think critically about our planet's wellbeing and to subsequently be invested in being the change needed. We encouraged them not to be despondent about it, but instead to see the opportunity of supporting the cause of conservation.

We also brought OI Pejeta's name to the hearts and minds of many, by explaining to them our conservation mission and the need to continue protecting our biodiversity as a leading East African conservancy. We received a lot of support, with many feeling the need to join hands with us and support through donations and volunteering. So far, 36 volunteers have reached out, hundreds more are willing to visit and others to assist with adoption.

Thank you to all of you.

AFTER the passing of Sudan in 2018, the world woke up to the realization that extinction was a reality for the northern white rhino, and the many other species that we are wiping off the planet. His death raised a wave of awareness and his legacy bestowed on our lips a responsibility to tell it to the world, by virtue of having been his caretakers and watching the near demise of these animals unfold



James at Woburn Safari Park, UK



With the rhino team at Woburn Safari Park



Teaching schoolchildren about conservation in the UK



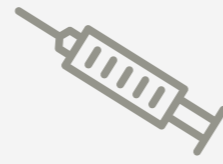
With Helping Rhinos CEO, Simon Jones

RABIES CAMPAIGN

RABIES, a disease that is transmitted between all mammals – wild, domestic, and human alike – kills over 2,000 people in Kenya each year. Over 98% of cases are caused by the bite or scratch of a domestic dog. Once contracted by a human, the disease is always fatal.

The World Health Organization (WHO) recommends widespread vaccination of domestic dogs as the most effective way to prevent rabies in humans in the long-term. Vaccinating against rabies in domestic dog populations simultaneously protects the domestic animals, the humans they interact with, and the wildlife in surrounding areas. In 2019, Ol Pejeta's mobile veterinary team supported the Laikipia Rabies

Vaccination Campaign, an initiative of Mpala Research Centre, backed by the government, in a joint quest to eliminate the disease across the county. 913 dogs and cats were vaccinated.



Rabies Vaccination Campaign | Dylan Habil

K-9 UNIT

LAST year Ol Pejeta welcomed an additional dog to the K-9 unit. 'Drum' is a lively and enthusiastic springer spaniel and will assist in weapons and ammunition detection based on intelligence gathered by our security teams

Bloodhounds Oscar and Malaika qualified as tracker dogs in 2019, and joined Scarf, Otis and Stacy in the tracking team. Their role goes beyond tracking poachers as our K-9 teams often assist in cases of cattle theft and robberies in the community. Thanks to donors who have supported our K-9 unit

through adoptions, we were able to procure accessories to support canine training such as 'bite sleeves', collars, leading ropes, leashes and harnesses.

The bloodhound Scarf gave birth to nine puppies last year; five went on to work in conservation security in other wildlife conservancies, having been trained by the Ol Pejeta K-9 staff, two went to private homes, and two have stayed with us at Ol Pejeta to join the tracking team when they are old enough.



Bloodhound puppy | Justin Mott



Rangers on Ol Pejeta | Justin Mott

RANGER TEAMS

THE track record – zero rhino poaching incidents since October 2017 – speaks volumes of the dedication and professionalism of our ranger teams and those who support and manage them behind the scenes.

Commander team training, refresher training for all rangers, and first aid training helped keep our security and monitoring teams on top of their game in 2019.

Over 40 rangers received refresher training in drills, discipline, effective teamwork, roles and responsibilities, bush survival

skills, wildlife monitoring skills, patrol methods, radio handling and communication in 2019.

Much-needed equipment was donated to the ranger teams by various donors last year. Thermal imaging cameras, torches, and technical clothing have helped improve patrol effectiveness and ranger comfort.

Both the training and the new equipment has enhanced protection efforts and helped boost morale in the teams.

The Ol Pejeta ranger teams also responded to over 60 incidents in neighbouring communities in 2019, strengthening vital relationships and linking improved security to wildlife conservation.

The mitigation of human/wildlife conflict is one of our most important roles here on Ol Pejeta. For families already living in marginalised areas, far below the poverty line, a marauding elephant can be the difference between survival and starvation. If wildlife are to have a place in Kenya's future, it is essential that we create havens of habitat, while ensuring that the people who live alongside them can benefit from their presence.

Our rangers make it possible to seek solutions, dealing efficiently and thoroughly with any threats to the peaceful coexistence of our neighbours and wild animals.

MUTARA EXPANSION

IN 2015, 20,000 acres of the government-owned Mutara Ranch on OI Pejeta's northwestern border was designated as a joint wildlife, livestock and tourism initiative, now known as the Mutara Conservancy.

OI Pejeta manages the day-to-day operations of the Conservancy, in one of the first public-private partnerships of its kind in Kenya. Mutara will provide much needed

additional black rhino habitat now that security fencing has been completed. We await permission from the KWS and the owners of Mutara, the Agricultural Development Cooperation, to introduce a founder population of black rhinos to the area.

Since the OI Pejeta/Mutara partnership started, wildlife counts on the Conservancy have shown an increase in the number and spread of many key species. There is now a resident pride of lions in Mutara for the first time since OI Pejeta took over its management.

The pride, which moved across in 2019, is made up of five adults (three females and two males), nine young adults and four cubs (at time of print). Unfortunately, the collar that was on one of the females has become disengaged so we no longer have real-time data on their exact movements. Nevertheless, our rangers are keeping an eye on them and we are confident that they will thrive in this new conservation space.

The provision of water across Mutara has been instrumental in encouraging the spread of wildlife. Over seven kilometres of pipeline were rehabilitated in 2019, taking water to critical areas across Mutara for wildlife.



Elephants on Mutara | Rio the Photographer



Warthogs | Alisha Jani

COMMUNITY DEVELOPMENT



Schoolchildren celebrate a new water tank at their school | Rio the Photographer

COMMUNITY DEVELOPMENT

THE global conservation fraternity acknowledges that the participation of local communities is crucial to the success of conservation initiatives. In many different ways, communities living close to, or within, conservation areas determine the fate of the ecosystem. Key to sustainability, reducing biodiversity loss and curbing poaching, is raising awareness about the importance of the environment to national development and the role communities play in its future.

OI Pejeta is a role model for conservation – working to conserve wildlife, and in particular protecting and growing the number of black rhinos that are now more than ever faced with the threat of extinction. With the only two northern white rhinos in the world found on OI Pejeta, the reality of extinction is real and tangible for many who visit. The main cause of this loss points to human activity, and any recovery efforts must therefore seek to address these human activities with all the complexities that accompany them. As conservation efforts strive to achieve sustainable outcomes in the long-term, community engagement demands commitment. It doesn't have quick fixes but demands depth, patience and persistence to generate impact.

Community involvement requires a balance to be struck between development and conservation, livelihoods and sustainability, ensuring that none are compromised in the pursuit of the other. For conservation to succeed in the same environment as improved livelihoods, it must function in a way that makes sense and is beneficial to people. This in turn requires the development of trusted relationships that take many years to nurture and create.

Since 2004, OI Pejeta has been running a robust community development programme, working with focal neighbouring communities to enhance livelihoods for resilient futures. The Community Representatives Council (CRC), which is formed by representatives elected democratically to represent each of the 18 community areas surrounding OI Pejeta, functions as a structure for governance and a platform for open discussion. The CRC enhances collaboration between communities and OI Pejeta by identifying priority areas for action, and working jointly to resolve problems. In this way, OI Pejeta's community development programmes are guided by the needs of the community.



Moses Muthoki
Head of Operations and
Community Development

Our main goals going forward are ensuring that projects are practical and can continue to attract funding even after initial start-up. That they remain sensitive and adaptable to community needs, and that community members have the capacity to develop resilience, and achieve meaningful livelihoods.



IT integration in OI Pejeta community schools

MAKING DIGITAL LEARNING ACCESSIBLE

AS part of OI Pejeta's commitment to improving education delivery and access in neighbouring communities, we partnered with the Rotary Club and Aftretch Aid Society to provide Information and Communication Technology (ICT) solutions to eight schools in 2019. Two hundred computers and tablets were donated, along with eight Africa Ruggedized Education Solution (ARES) servers – which enable students to access a huge amount of educational materials offline. Eight projectors were also donated to accompany the ARES boxes and enable content to be shared with groups. Around 2,500 students have benefited from this technology in their schools, while

their teachers (160 in 2019) have also received training on how to get the most out of ICT in the classrooms.

To date, 300 teachers have been trained in digital education in OI Pejeta's neighbouring communities, in partnership with the Teacher Training Commission. One of them has gone on to become a trainer himself. Twenty computers were also donated to the Nanyuki Vocational College, in partnership with Envirosoft, to support adult learning in the community.



Lucy Wacera graduated from St. Augustine last year, scoring a B grade. "My family are really proud of me," Lucy says "I have really enjoyed my high school, and I am so thankful for the opportunity." Lucy has applied to read Business Commerce at university in September 2020.



PROVIDING SCHOLARSHIPS TO BRIGHT MINDS

SEVENTY ONE students from local communities were on full scholarships in 2019. One student who knows just how transformative scholarships can be is Lucy Wacera.

Lucy was born and brought up in Riachu village, on Ol Pejeta's southwestern border. She is the youngest of six children, and says that growing up on her parent's small farm income was tough. While she was able to go to the local community primary school (which is free in

Kenya), she didn't expect to be able to continue her education beyond that. High school fees were beyond her family's means, and as the youngest of six children (and for that matter, a girl), she was last in line. Despite an uncertain future, Lucy worked hard at her Kenya Certificate of Primary Education exams, and scored some of the highest marks in her class.

Her positive attitude and hardworking spirit won her a four-year Ol Pejeta-funded scholarship in 2015. "I was just so happy, I couldn't believe that I could actually attend high school, and that I was a step closer to being able to attend university," Lucy recalls.

She joined St. Augustine Secondary School in 2016 – determined to make the most of every opportunity it offered her. An apt mathematician and avid nature lover, Lucy joined the Maths Club and the Wildlife Club. She also took part in several mentorship programmes offered by Ol Pejeta, which she says helped equip her with practical life skills to take her beyond high school.

HEALTHCARE

OL PEJETA'S healthcare programme runs in partnership with the Laikipia County Medical Services Department, and aims to improve the quality and accessibility of healthcare in the areas around the Conservancy.

66 outreach health clinics treated 5,168 patients throughout the year, many of whom struggle to travel to their nearest permanent health centre – either because of transport challenges or financial constraints.

As well as preventative care and general treatment, outreach clinics carried out cancer screenings, jigger treatments and eradication initiatives (with support from community health workers and the team from JW Seagon), family planning services and education, HIV testing and counselling and six nutrition awareness sessions.

The latter complemented the Government of Kenya's supplementary feeding programme for those suffering from malnutrition, and involved community health volunteers mapping out the areas around Ol Pejeta most affected by

poor nutrition.

Reasons for malnutrition vary, from poor child spacing in families that cannot afford to feed their children (either because no family planning methods are used, or because of complex cultural associations with having children), to poor nutrition awareness and poverty.

Ol Pejeta spent Ksh 1,019,615 (US\$ 10,196) on community healthcare initiatives in 2019.



Community health mobile clinics | Rio the Photographer

THE GUARDIAN PROJECT

THE Guardian Project was founded by Rita and Jeffrey Rayman, who partnered with OI Pejeta to help rural communities get better yields from their crops. In 2019, they trained over 125 community farmers in how to create organic composted fertiliser – a free and easy way to use waste products from the farm to improve soil health and crop production.

The farmers involved in the programme received 32 bags of special variety seed potatoes, chosen after soil assessment and market research indicated potatoes to be a profitable, resilient crop for the local conditions. They planted their seeds on soil which had been improved with organic compost, and harvested a total of 195 bags of potatoes after just three and a half months. The farmers then paid forward the equivalent of 32 bags of seed back into the project, thus ensuring that even more farmers could benefit from the programme.

“We have been planting the same type of seed for the last four years and we barely managed to break even. However the new seeds grow faster and the potatoes are enough to make us a good profit.” - Mr. Maina, a farmer from Matanya and a father of three.



Community farmers get better yields | Rio the Photographer

“My farm income has increased four-fold and my costs have reduced by half as I have learnt how to make organic fertiliser. Growing high yielding potatoes with good keeping qualities has reduced losses. Most importantly, the Guardian Project has enhanced community cohesion through knowledge sharing, working together and paying forward.” - Mr. Kamande from the Chuma community.

TIGITHI WATER AND SANITATION PROJECT

river or public tanks and boreholes, all of which required people – predominantly women – to travel many miles each day.

In 2019, Tigithi community members applied to OI Pejeta’s Community Development Department for support for a water and sanitation project.

With funding made available from the Ambassador’s Special Self-

Help Fund from the US Embassy, US\$ 7,000 was donated to install water pipelines from a County Government funded water tank to Tigithi homesteads, benefitting 1,400 people.

The project was opened by the US Ambassador to Kenya Kyle McCarter in October, in the first engagement between the US Embassy and OI Pejeta to date.

PEOPLE living in Tigithi village have long struggled with access to water – relying on the nearest



US Ambassador Kyle McCarter opens the Tigithi Water Project | Rio the Photographer

LIVESTOCK GENETICS

climate shocks), OI Pejeta provided artificial insemination services to 420 community cattle in 2019.

Fifty-five pastoralists were also offered training on the treatment and prevention of three common diseases in sheep and goats, and two common wet season diseases in cattle.

TO help improve the genetic stock of cattle in local communities (and therefore support farmers to increase their resilience to





Rangers on Mutara | Rio the Photographer

LIVESTOCK ON MUTARA

See page 28 for background information on Mutara Ranch.

LIVESTOCK and tourism operations on Mutara are supporting conservancy operating costs and community development projects on Mutara, taking lessons learned from the same initiatives on OI Pejeta.

Mutara’s community engagement focused on supporting local farmers in 2019, with 272 cattle-owners offered training on improved livestock husbandry and management practices in ten training sessions throughout the year.

Seventy five farmers also received training on livestock disease prevention, control and treatment, while 76 received training on feed supplementation for improved milk production and drought resilience.

Twelve trainees from this workshop were offered 25kg of supplementary feed each to trial on their milking herd – ten out of 12 cows responded well to additional feed supplementation, with an increased milk yield of between two and five litres. This case study has encouraged other farmers to invest in supplementary cattle feed.



Portrait of a schoolgirl | Ian Aitken

TOURISM



TOURISM

2019 was indeed a great year for our tourism business. This was particularly true for our domestic visitor numbers, as we beat our 2018 numbers by 4.28%. Prior to the COVID-19 pandemic we had been on track to achieve the target of 130,000 visitors through our gates by the end of 2020. This growth was massively supported by our new and bespoke online booking and ticketing system, which has reduced online booking time by a huge margin, and means users within and outside the Conservancy can book and receive booking confirmation in real-time. It has also enabled us to go fully cashless at our gates.

Our Ol Pejeta Escapes brand also showed a significant growth, and during 2019 we processed in excess of 100 bookings to our third party camps, and offered up some amazing itineraries under this portfolio. Of course, growth in visitor numbers goes hand in hand with improved infrastructure. The Kamok airstrip saw its busiest year yet, experiencing regular scheduled and charter flights from Wilson Airport in Nairobi. Guests can also now fly from Kamok to other safari destinations, including the Masai Mara and northern Kenya.

A new tourism office also played a key role in delivering our mandate last year. With an amazing open plan office, there were no barriers to communication and task sharing between teams.

The Ol Pejeta experience is not just about getting in a car and seeing wildlife through the window. It's about getting your hands dirty, immersing yourself in the wilderness and getting a proper understanding of what it means to run a conservancy. We now offer 26 immersive conservation experiences to enable our guests to get involved in all aspects of conservation, raising valuable additional revenue for our wildlife and community development programmes at the same time.

Our increasing popularity is to be celebrated of course, but we are now faced with the challenge of keeping our tourism operations sustainable. Overcrowding would not only have a negative impact on how people experience Ol Pejeta, but could have damaging effects on our ecosystem too. By diversifying our activities and accommodation options, we hope to spread out visitor numbers more evenly between high and low seasons in future, allowing us to better manage the quality of what we offer.



Enid Nkatha
Head of Tourism Unit

HANDS ON CONSERVATION

OL PEJETA now offers 26 immersive conservation experiences – from cycling safaris to lion tracking, bush walks to community visits. More than 12,400 people got hands-on with conservation in 2019, contributing to our wildlife protection efforts and community outreach.

LION TRACKING
RIDE THE WILD
MEET THE NORTHERN WHITE RHINOS
JUNIOR RANGER

RIDE WITH RHINOS
RANCHING WITH LIONS
GUIDED BUSH/BIRD WALK
DOG TRACKING
FLY CAMP
THE WILD
RAVINE RIVER BIRD WALK
BUSINESS IN THE WILD
MEET OUR NEIGHBOURS

BEHIND THE SCENES WITH THE CHIMPANZEES
SUNDOWNERS IN THE WILD
SCOTT'S HIDE
NIGHT GAME DRIVE
CONSERVATION IN ACTION

CYCLE THE WILD
GUIDED GAME DRIVE

AN ORNITHOLOGICAL DEEP DIVE

FOUR of our guides were lucky enough to spend time with one of East Africa's top birders in November, on an ornithology course for professional safari guides. Washington Wachira has led hundreds of birding expeditions across Kenya, Tanzania, Uganda and Rwanda, co-authored several books and spoken at TED events. During the three-day training, the guides learned about bird identification, behaviour, migration patterns and favoured habitats.



Rangers on an ornithological course

URBAN RANCH

THIS year saw the launch of 'Urban Ranch' – the label created for our retail line of community-made crafts. As well as offering marketing and product design support to community

artisans, we have opened a workshop for them to use as they develop traditional skills into commercial revenue streams. Urban Ranch products are available for sale at Morani's Information Centre, Rongai Gate, Sweetwaters Chimpanzee Sanctuary and in the nearby town of Nanyuki.



Urban Ranch products in OI Pejeta shops

OI PEJETA RANCH HOUSE RETURNS HOME

AFTER 14 years with Serena Hotels (since 2005), OI Pejeta House is returning to OI Pejeta Conservancy. Thanks to a very generous donation from the Khalili family through Fauna & Flora International, the house – rich with history, character and stories of OI Pejeta through the ages – will be upgraded and included in the Conservancy accommodation portfolio alongside Pelican House and The Stables.



OI Pejeta House



OI Pejeta House

VISITOR REVIEWS

WE are lucky to be visited by thousands of people each year, and we love hearing from them about their stay on Ol Pejeta, what they enjoyed and what they saw while they were with us. As we reflect on the year gone by, we are delighted to share some of these comments and experiences

with you. We are committed to providing the best possible journey for our guests, with exciting activities, gorgeous places to stay, knowledgeable guides and helpful customer service. Should you have any suggestions, please do send them to info@olpejetaconservancy.org.



Rio the Photographer

"Remarkable views of the countryside and animals...Every person we met was sincerely kind and welcoming." **SHELLY**



"Riding with Rhinos: This is the best experience by far! I love Kenya and I love Ol Pejeta." **ANDRIES**



"Dog Tracking at Ol Pejeta Conservancy: An incredible experience - probably a highlight of our trip to Kenya. The guys who do this work are so interesting and go through incredibly tough training with a professional attitude to protect wildlife and do community outreach to help the conservancy feel like part of the community. I won't say too much except to say book in advance and don't miss this." **BEN**



"Wow I don't even know where to start. This was our second visit to Kenya... We were THRILLED to visit and to get to meet Fatu and Najin up close and personal as we participated in the week-long volunteer program. Susan was our volunteer coordinator and she was SO FRIENDLY and so professional and SO HELPFUL with EVERY SINGLE DETAIL of our trip. We stayed at Pelican House and I SO SO HIGHLY recommend it - it was beautiful and the housekeeping staff and the chef were unparalleled. We saw so much wildlife from our balcony as we overlooked the dam.

As volunteers, we got to go to the corridor to monitor animals leaving/ entering the conservancy. We had the amazing opportunity to feed Fatu and Najin, the last two remaining white rhinos on earth. We had the opportunity to meet and feed Baraka. We LOVED our day at Sweetwaters taking care of the chimps. We got to prepare their food, assist in their feedings, and clean their enclosures. We loved our bush walk, and we LOVED playing with and training the bloodhound puppies. We had so much fun lion tracking and came upon a pride with one male and four females. They were so stunningly beautiful up close. Our trip to Ol Pejeta was our favorite vacation ever and we travel a lot. Please go and participate in the fun activities. What an AMAZINGLY BEAUTIFUL PLACE!!!!!" **ANONYMOUS**

Justin Mott



Rio the Photographer

"My son is 17 and he is considering wildlife conservation as a professional choice for further studies after finishing school. He just spent 2 weeks at the volunteering program at Ol Pejeta. It has been an amazing experience for him, the connection with nature, the wildlife and the people at the conservancy have been incredibly nurturing for him, and the entire experience has built on his self-confidence... The organisation and communication with the conservancy team was very efficient and worked smoothly. Thank you to the team at Ol Pejeta." **HEBA**



Victor Kasii

"Game-driving through the conservancy, you might be forgiven for thinking rhinos are common, instead of as endangered as they are, there are so many. Even before you venture into the wilderness area, you will have witnessed many memorable moments, whether its a lone lioness sunning herself, or a pair hunting down a warthog, a rhino and baby grazing peacefully on the plains, or a herd of elephant walking right past your car because they are curious.

At Morani's restaurant, a red-headed weaver or a superb starling might pay your table a visit, looking like it is from a colouring book. Love it? I liked it so much I bought a house here!" **CLARE**



"After an exhilarating drive around the Conservancy, Morani's Restaurant is a little oasis of relaxation with its lovely garden and fabulous food. The fruit juices are freshly prepared and very tasty. Just sitting in the garden eating, drinking and watching the birds was idyllic, I didn't want to go!" **YVETTE**



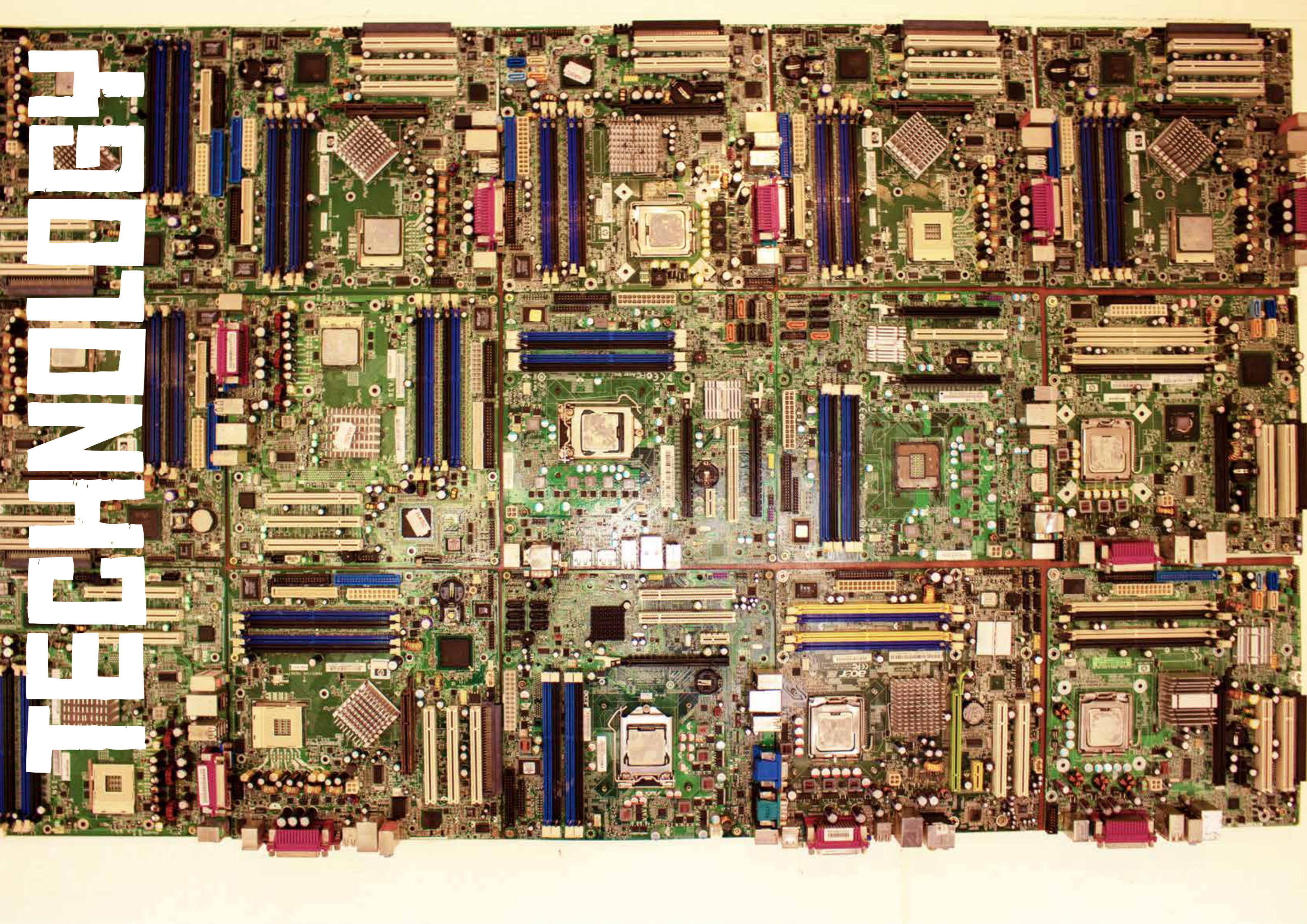
Ian Aitken

"The photography workshops are run by Ian Aitken and he was absolutely brilliant. Willing to give as much guidance you could possibly need. Ian knows Ol Pejeta well and the drives were superb. Early morning and night drives, lion tracking, walking with cattle herders, visiting chimpanzees; visiting communities/schools, dog handlers, anti poaching work etc etc - amazing to see all the work that goes on every day at Ol Pejeta - to help protect their animals, such as the beautiful black and white rhino; elephants; cheetah etc. etc.

Lots of memories of a wonderful time and I am more than happy with the many photographic images I took every day. A wonderful experience I will never forget. I look forward to a return visit ASAP. Highly recommend The Stables and all the staff at Ol Pejeta and Ian Aitken for his subject knowledge and photography skills." **ANONYMOUS**

For more information on our photography workshops, check out www.olpejetaconservancy.org/get-involved/photo-workshops

TECHNOLOGY



TECHNOLOGY

HERE at OI Pejeta, we are now in a really exciting space with the use of cutting edge technology for conservation and community development. We have launched our own Conservation Technology Lab, which aims to become a world-leading collaborative hub for testing and developing technologies and best practices that accelerate learning, and embrace accessible and scalable solutions for wildlife conservation and human well-being.

We rolled out EarthRanger, an online tool that helps us to collect, integrate and display historical and real time data for management and monitoring, and launched a new booking and ticketing system. By collating all the functionality of our previous (multiple) systems into one, this bespoke system greatly improves the efficiency and quality of our tourism service delivery.

We are also looking forward to harnessing the use of thermal imaging camera technology to curb poaching.



William Njoroge
Head of Technology



Solar power on OI Pejeta



Setting up conservation technologies on OI Pejeta

Tapping into the latest advancements in data science, Internet of Things, and Big Data Analytics, the OI Pejeta Conservation Tech Lab will also support real-time monitoring of key animal species throughout the Conservancy and the wider landscape, helping to both protect endangered species from poachers and improve overall wildlife management.



THE QL PEJETA TECH LAB

A collaborative hub for technology-based solutions to conservation challenges

IN partnership with Fauna & Flora International (FFI), Liquid Telecom and Arm, and supported with initial funds from The Royal Foundation, OI Pejeta opened a Conservation Tech Lab in May to research, test support and develop new technology-based solutions to conservation challenges around the world.

We see the lab being a world-leading collaborative hub for the testing, support and development of technologies that provide scalable conservation solutions. It has three overarching aims:

- To deliver technological solutions and services that support local biodiversity conservation and community well-being, and serve as a model for global conservation.
- To provide a field laboratory for the development and testing of conservation-relevant technological solutions.
- To enable collaboration, learning and knowledge exchange in order to stimulate innovation and scale impact.

The Conservation Tech Lab is already helping to advance remote sensing in the Conservancy using the Internet of Things, monitor cattle movements using Sigfox, a Low Power Wide Area Network technology provided by Liquid Telecom.

This technology will soon be adapted to rhino tracking on OI Pejeta, which will make a significant difference to their security and data collection. Sigfox technology allows for longer battery life than older radio collars or GSM solutions, thus enabling much smaller devices that are less intrusive to animals.

TWO-WAY SMS SYSTEM

For better communication with the community

In February last year we launched a two-way SMS system. It allows community members to contact OI Pejeta and keep them informed of issues or requests. For instance, they can text the wildlife team if there is wildlife on their property that poses a threat to people or property. In emergency situations, the Rapid Response Vehicle can be dispatched to help.

Four hundred and fifty messages were sent to the system in 2019. One hundred and forty one "cases" were created from these (others were largely relating to job or bursary requests), and 131 were successfully addressed and resolved by the OI Pejeta team. The SMS system is proving to be a really powerful tool in helping to reduce wildlife-related injuries or fatalities in neighbouring areas, prevent crop destruction, and protect wildlife.



The system also allows us to send bulk text messages should farmers need to be notified of wildlife in the area, or if we are conducting health clinics and campaigns.



Monitoring wildlife in the Conservation Technology Labs with EarthRanger

EARTH RANGER MAKES MONITORING EASIER

EARTH RANGER is a reporting dashboard software that collates

GPS data from wildlife collars, vehicle trackers, scout radios, and motion-sensor cameras across the Conservancy. This data is displayed on a single, interactive map, alongside spatial data, allowing for real-time decision making, more effective ranger patrol planning, and improved fence monitoring.

Having monitoring systems on different platforms presents work flow, communications and monitoring

challenges, particularly when wildlife and security are so interconnected, and EarthRanger helps solve this problem. The technology was developed by Vulcan, the company founded by tech pioneer and philanthropist Paul G. Allen, and implemented by WPS (Wildlife Protection Solutions). WPS also ran training sessions on the technology with OI Pejeta's Security, Ecological Monitoring Unit and Control teams.

KIFARU RISING

How thermal imaging could help achieve an ambitious conservation target

THE Kifaru Rising Project aims to eliminate rhino poaching in Kenya by 2021, and OI Pejeta is proud to be one of 10 conservancies, parks and reserves involved in this ambitious initiative.

A collaboration between NGOs, WWF, the Kenya Wildlife Service and FLIR Systems, it will use thermal imaging technology to help improve ranger safety in parks with high numbers of rhinos, and give ranger teams a competitive advantage over poachers.

Kenya has the third-highest number of black rhinos in Africa, with OI Pejeta home to more than 130 of the country's entire population. Rhino horn is immensely valuable and poaching syndicates are using increasingly sophisticated technology to carry out their crimes - most often working under the cover of darkness. Traditionally, rangers in OI Pejeta and elsewhere have relied on torchlight to patrol at night, which can be easily evaded by poachers lying in thick grass or shrub.

To try and meet this challenge, FLIR thermal cameras were trialed in Lake Nakuru National Park and the Mara Triangle Conservancy in 2016, as part of the Wildlife Crime Technology Project.

Following their extraordinary success, the Kifaru Rising project was launched in eight other parks and conservancies, including OI Pejeta.



Kifaru Rising Tower

Many thanks to FLIR, Cisco and WWF who, with generous donations, equipment and grants, have allowed us to be a part of Kifaru Rising, an incredible development in conservation





Elephants caught on infrared CCTV cameras

INFRARED CCTV CAMERAS REVEAL NIGHTTIME MOVEMENTS

WE deployed two infrared CCTV cameras in wildlife corridors to better understand how wildlife move from OI Pejeta to Mutara. The solar-powered, motion-

triggered cameras also act as a poaching deterrent. They transmit data using the mobile telephone network to a cloud platform, which runs an artificial intelligence model on the image and identifies animals, vehicles and humans.

The cameras also help prevent human/wildlife conflict. The image above shows a herd of elephants crossing the river out of OI Pejeta into community farms. Security teams were alerted when the elephants were picked up on camera, and were able to take proactive steps to prevent any crop damage.



LIVESTOCK & AGRICULTURE



LIVESTOCK & AGRICULTURE

PEOPLE often ask us, 'why does OI Pejeta have cattle?' The answer, simply, is so that we can have wildlife. Revenue from the Livestock Department contributes nearly a quarter of OI Pejeta's income, helping to fund the high costs of securing our rhino populations, salaries for nearly 700 people and a myriad of community empowerment programmes.

Space is a scarce commodity, and wildlife are being pushed to the edge. The human populations of Kenya are growing, as a result of which demand for food continues to increase. We therefore believe large landowners must use their land productively.

On OI Pejeta we aim to do this at the same time as maintaining conservation space and maximising biodiversity. OI Pejeta, along with other ranchers in Laikipia, has pioneered methods that allow the production of livestock alongside wildlife. Not only does this provide revenue, but when managed carefully the livestock grazing patterns simulate ancient natural processes that ensure healthy rangelands. In 2019, we were able to increase our breeding herd, develop more land for fodder production, harvest a fantastic crop of hay, employ over 200 people and fatten over 2,000 head of community cattle for market. We are hoping for an even more productive 2020.



*Richard Van Aardt
Head of Livestock & Agriculture*



Integrated ranching on OI Pejeta | George Leakey



Integrated ranching on OI Pejeta | George Leakey

INTEGRATING LIVESTOCK AND CONSERVATION

OL PEJETA'S livestock business continues to provide valuable revenue to OI Pejeta, acting as a critical pillar to the conservancy's sustainability plan. The Ksh 180 million (US\$ 1.8 million) generated from livestock production this year, helped support Conservancy operating costs and community development projects.

Our individual herd size doubled in 2019, from an average size of 150 head to 300 head. We now have a total of 7,500 head of cattle in 30 herds as opposed to 60, and promote non selective grazing to work with nature, not against it. We know that grazing cattle in larger herds encourages more competitive grazing behaviour, making the cattle less selective with what they eat, meaning that both palatable and less palatable plant species are foraged.

Higher herd sizes help increase biodiversity and enhances ecosystem functions such as the mineral and water cycles. A high stocking density also leads to better fertilisation from manure, and helps break up hard pan soil due to high hoof-fall.

SIRIMA PROJECT

TEN million shillings (US\$ 100,000) was spent on Phase One of the Sirima project in 2019. The Sirima Project is a one million

dollar investment in OI Pejeta's agricultural sector, focused on sustainably developing 7,500 acres of land outside the core Conservancy area for livestock production and additional wildlife habitat. Five thousand acres has been set aside for growing hay, silage, and fodder crops and 2,500 acres will be fenced off as an endangered species enclosure. A new slaughterhouse and

livestock headquarters will be built here too.

We have also been experimenting with fodder crops (grasses and legumes, both perennial and annual), to increase soil health and biodiversity as well as land productivity. A dry start to the year increased demand for our hay, but we strove to keep our prices fair for farmers.



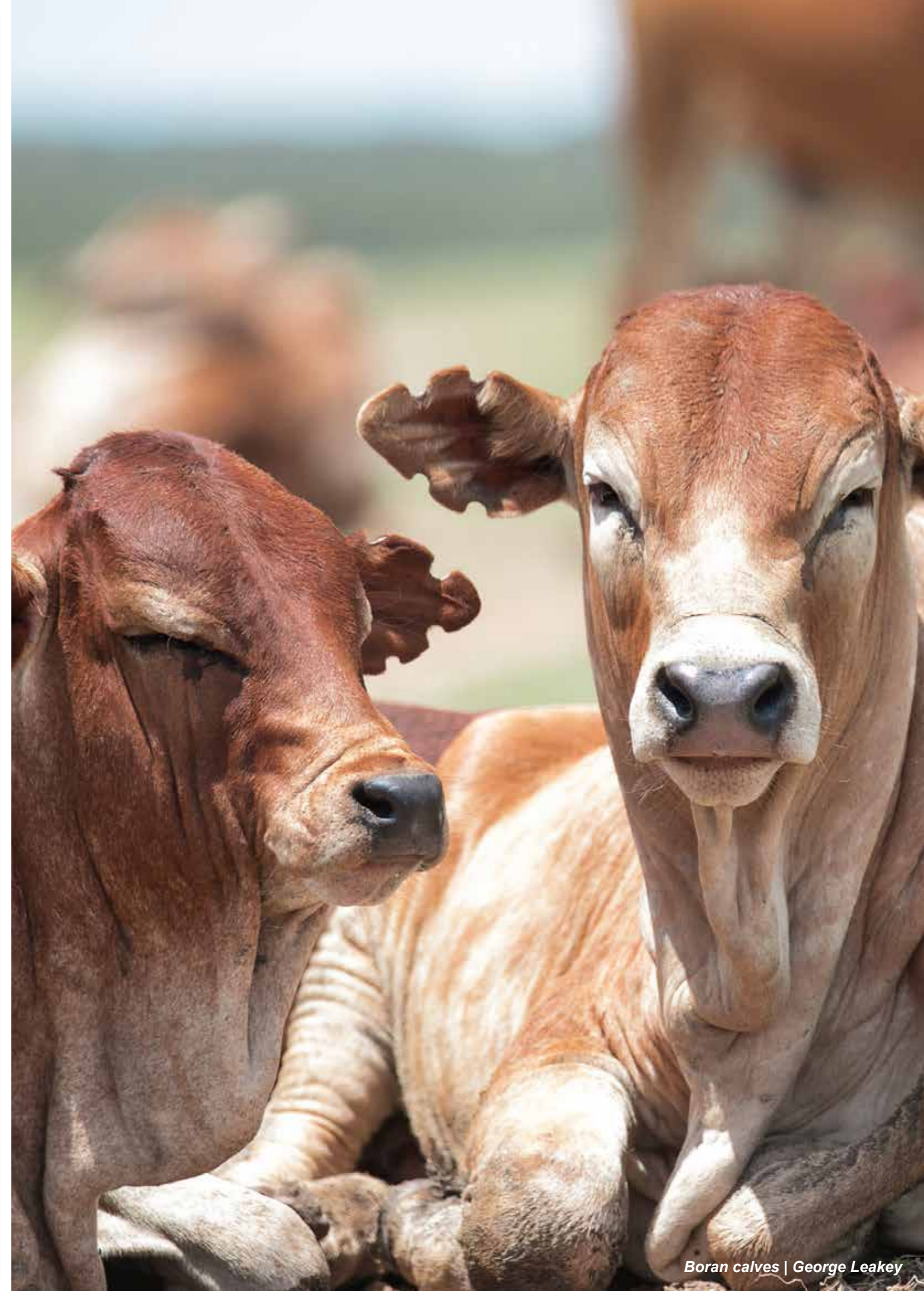
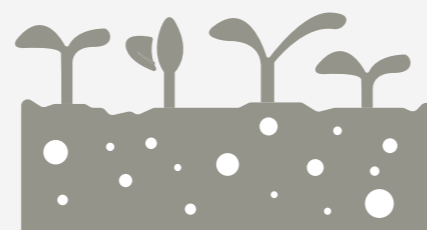
Cattle and sorghum in Sirima, OI Pejeta

TAKING CARE OF OUR SOIL

FOR the last 16 years, OI Pejeta have partnered with Lengetia Limited to 'no till farm' 4,500 acres of land for mixed arable crops in the southern part of the Conservancy. In 2019, we entered into a new partnership

with Lengetia, which sets out new revenue sharing arrangements and stipulations for rigorous soil testing.

We want to ensure that soil quality improves, rather than degrades, each year, and as part of that we will be setting aside 80 acres for trialling regenerative agriculture practices, using cover cropping, livestock integration and more diverse cash crops to reduce our reliance on herbicides, fertilisers and pesticides.



Boran calves | George Leakey

HUMAN CAPITAL



HUMAN CAPITAL

WE strive to create an inspiring environment to work in OI Pejeta. We take each day as a learning opportunity as we all strive to achieve the common company goals. We give our employees a chance to grow within the organisation through practices and policies which they are expected to adhere to, to ensure a collaborative and cohesive approach. OI Pejeta's workforce celebrates its cultural diversity, and we think of this as one of our biggest strengths.

Our Human Capital Department is committed to ensuring that every employee understands their

right and obligations. We conduct regular field visits - 'meet the staff tours' - to ensure that employees understand and are aligned to company objectives and their effort and work is recognised. The forums offer an opportunity to receive feedback from staff on issues across all facets of their lives. With over 700 employees in our operations, it is possible to lose touch with those especially tucked in far flung corners.

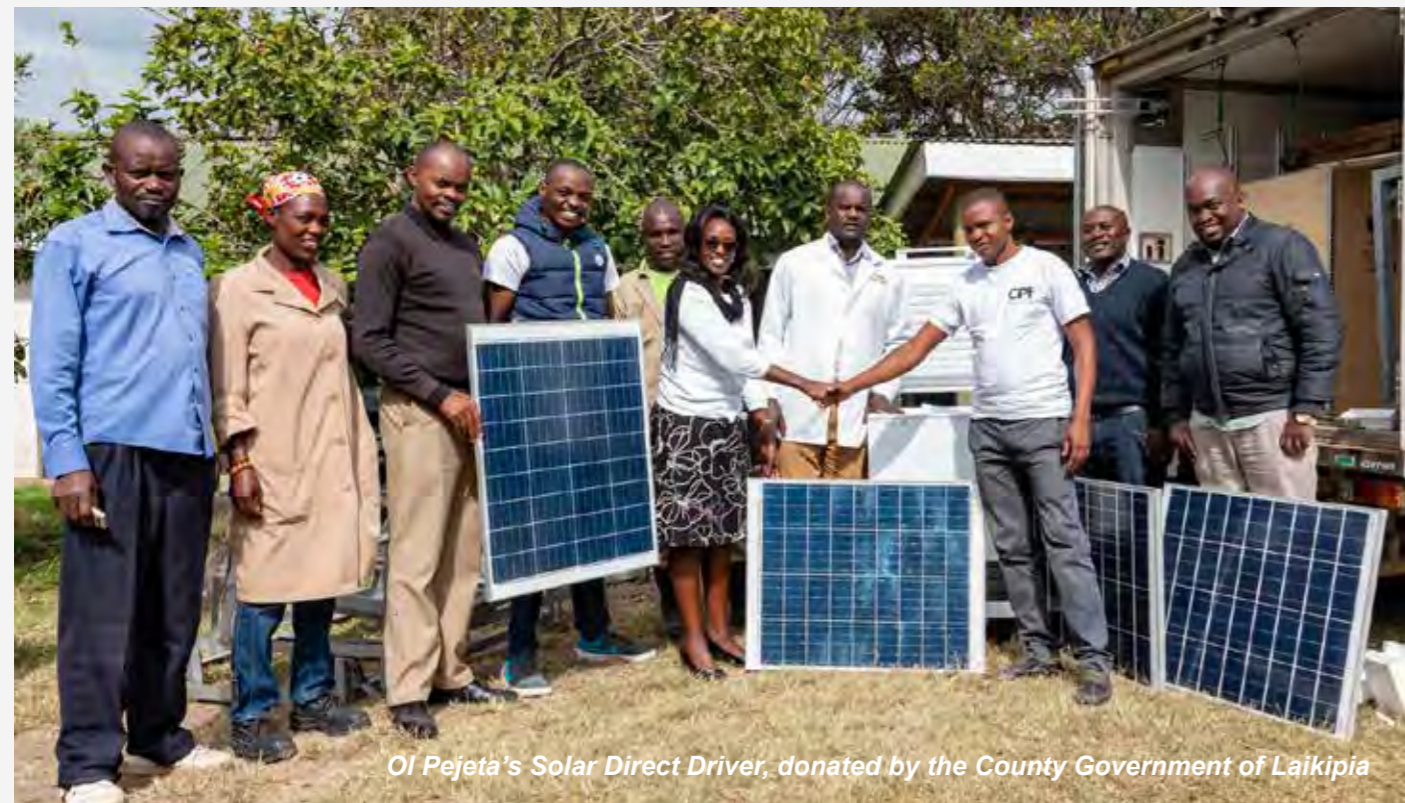
The department ensures communication flows across and ideas, concerns and expectations are shared amongst all. The ability



Schola Waihenya
Head of Human Capital

to remain constantly in touch with all employees has proven to enhance a sense of well-being, ensures challenges are addressed and in turn increases productivity.

We appreciate all our staff for making OI Pejeta successful in its conservation work!



OI Pejeta's Solar Direct Driver, donated by the County Government of Laikipia

INVESTING IN OUR TEAMS

WE know that enabling our teams to do their best work is about more than just workplace conditions, it is about making sure we're in good mental and physical health, that our human connections are nurtured, and that we make sure we enjoy enough down time. That is why this year, OI Pejeta have:

- Installed energy saving jikos in all staff camps - ensuring that everyone can cook and eat together if they choose to and that we reduce our environmental impact in the process.
- We improved the fencing around the Northern White Rhino Staff Camp for greater privacy and protection and installed solar power.
- We also installed three 55-inch TVs in the three main camps' recreation areas.

We continued to ensure all staff have access to healthcare, including HIV/AIDS testing and counselling.

All middle managers took part in leadership training in 2019, to enable them to deliver strong, effective and compassionate leadership. We also delivered health and safety training for all staff members and there are now 26 First Aid qualified team members on OI Pejeta.



Three new accommodation blocks built for wildlife rangers in the field



Three new TVs for staff recreation rooms



PLASTIC FREE OL PEJETA

WE have committed to go plastic-free on an organisational level. All staff will be given water bottles and water purification systems from Lifestraw are being rolled out in the office and in all staff camps. This is in line with Kenya government's rule that all national parks and protected areas must go plastic free.

The Conservancy will now also have a number of clean drinking water distribution points where visitors can fill their bottles, and signs at the gate will ask all guests not to bring any single-use plastic bottles in the Conservancy. All of our tourism partners have been informed of this development and are working with OI Pejeta to be a leader in environmental conservation and awareness.

A BIT OF HEALTHY COMPETITION

THE newly launched Serena Cup is a sporting event on OI Pejeta featuring football, volleyball and 'Tug of Peace'. It took place in December 2019, and included teams from Serena

Sweetwaters Tented Camp, Serena Mountain Lodge (Naro Moru) and OI Pejeta Conservancy. Once again, the team of 25 OI Pejeta staff showed off their sporting strengths – winning all three knockout tournaments and having a lot of fun in the process.

The OI Pejeta football team, made up of staff from the Human Capital, Tourism, Wildlife, Logistics, Livestock and Armed Security departments took part in the annual Laikipia Amani Tournament in November 2019. 70 people took part in the OI Pejeta

Community Sports League, which features football and volleyball and will be concluded when public gatherings are safe again. The winning football and volleyball teams will receive Ksh 50,000 and Ksh 30,000 respectively.



Staff football competitions on OI Pejeta



Portrait of wildlife ranger Peter Esegon Justin Mott



Senior Workshop Supervisor, Kenneth Kimande

A CONVERSATION WITH KENNETH KIMANDE, ONE OF OL PEJETA'S LONGEST SERVING EMPLOYEES

What's the best advice you've ever been given?

When I became a mechanic, my parents-in-law asked me if I was sure if it was the career I wanted. They told me to think about it properly, and then to commit myself fully. I found this very helpful.

Favourite thing about working on Ol Pejeta?

I came to Ol Pejeta when I was very young, and it has always offered a very good work environment. I have almost always been surrounded by a good team of people, with helpful management and good communications.

How do you think you could improve your team?

I think we need to do more training. When people come straight from school, even if studying mechanics, there is so much they don't know. I spend a lot of my time in training, but I think it's one of the most important parts of my job.

Have you ever had to deal with any unusual events?

Many years ago, a car – I remember it was KAT 199 – was attacked by a rhino. The horn went straight through the driver's door. Luckily, no one was hurt, and we were able to fix the car pretty well.

What's your favourite car?

A Land Cruiser of course! I understand them very well.

When did you start working at Ol Pejeta?

On the 4th January 1992 – I've been here for 28 years, working in the Logistics Department.

What is your position?

I started as a Senior Mechanic, and I'm now Senior Workshop Supervisor.

What do you love about your job?

Fixing things has always been a hobby. I find cars very interesting, although I don't actually like driving them very much. But how they work, that I like.

What do you do in your spare time?

On top of my job, I am also a preacher. I try to spread a message of respect and tolerance. We need to be kinder to one another.

Do you have any advice for young mechanics?

I would say, make sure you are comfortable with what you are doing. You need to know how you are going to start, and how you are going to finish, before you begin. If you are not comfortable with the process, you should find out before you are halfway through.

ACCOUNTABILITY



FINANCE

2019 was a busy year for the Finance Department at Ol Pejeta. Overall, the Conservancy received more funds in comparison to previous financial years on the back of higher trading incomes derived from tourism and agricultural activities; and donor and partner funding for projects and operational support.

As an organisation, we feel it is our responsibility to be as productive as possible, and we are constantly seeking new ways to raise money for reinvestment into conservation and community development. From fundraising to agribusiness, Ol Pejeta makes the most of its assets and strives to benefit people, wildlife and ecosystems. As at year end, 35 donor funded projects in conservation, health, education and agriculture were ongoing and remained open with implementation on schedule.

Ol Pejeta continues to strive to inculcate accountability best practice and delivery toward donor

and partner expectations. Every cent must be accounted for, which is achieved through continued assessment and upgrades to our financial management and reporting systems in a robust financial control environment. This enables strategic decisions to be made in real time, improving efficiency, output and transparency in all spheres of the organisation's activity.

Our department comprises a team of passionate and professional individuals who thrive in the challenges of accounting in a complex and diverse environment, with a strong commitment to conservation and improvement of livelihoods around us. This calls for a deep understanding of the conservancy as well as the rules and regulations of Kenya's economic framework. Stakeholder engagement and regular interactions keep us abreast of developing legal and statutory requirements which in turn enables us to achieve high compliance.



Joseph Kariuki
Chief Financial Officer

The first half of 2020 has presented challenges in the trading environment and project funding emanating from the COVID 19 situation with income from tourism, agriculture and donations drastically reduced. This is likely to have a significant negative impact on our operations and ability to fulfill open commitments as we make the necessary adjustments to cope with the situation. We remain hopeful that the situation will improve sooner rather than later and enable us to continue with all our planned activities.

Thank you for your continued support.

OUR FINANCIALS

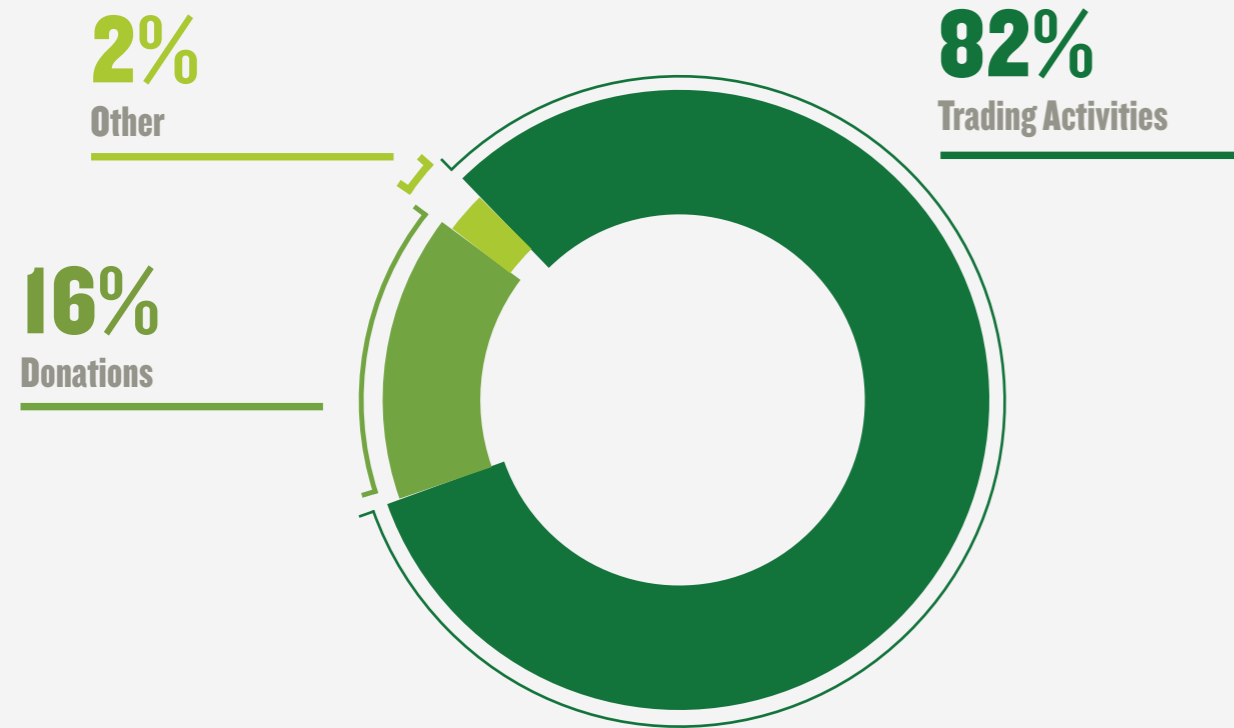
	2019	2018
REVENUE	KSH ('000)	KSH ('000)
Trading Activities	710,757	635,414
Donations	135,559	87,970
Other Income	19,528	24,521
TOTAL:	865,844	747,905
EXPENDITURE		
Programmes	690,846	599,991
Fundraising	29,974	16,172
Administration and support	187,571	174,601
TOTAL:	908,391	790,764
Net change in assets	(42,547)	(42,859)
In kind donations*	16,807	19,810

This financial extract is based on the audited financial statements by RSM Eastern Africa LLC, Certified Public Accountants, Nairobi.

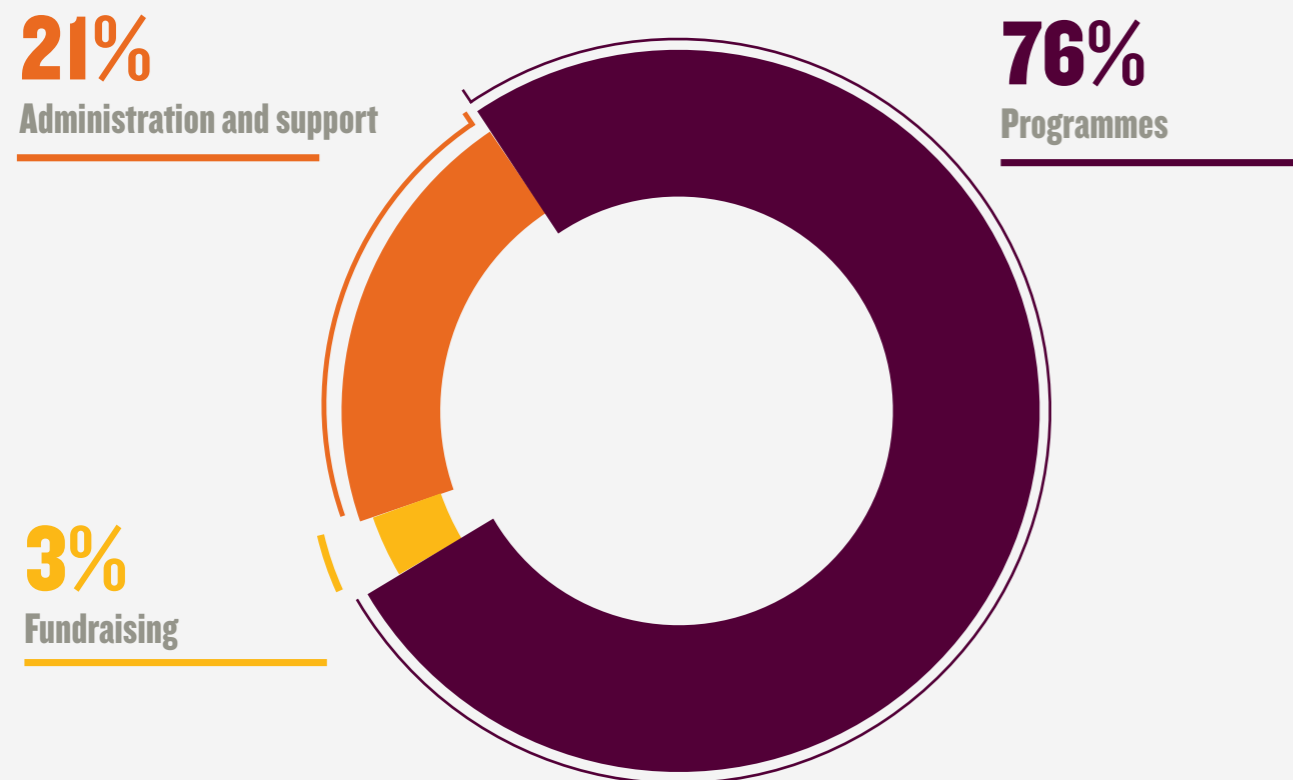
*The audited financial statements do not include in-kind donations, therefore a fair value estimation has been made separately.



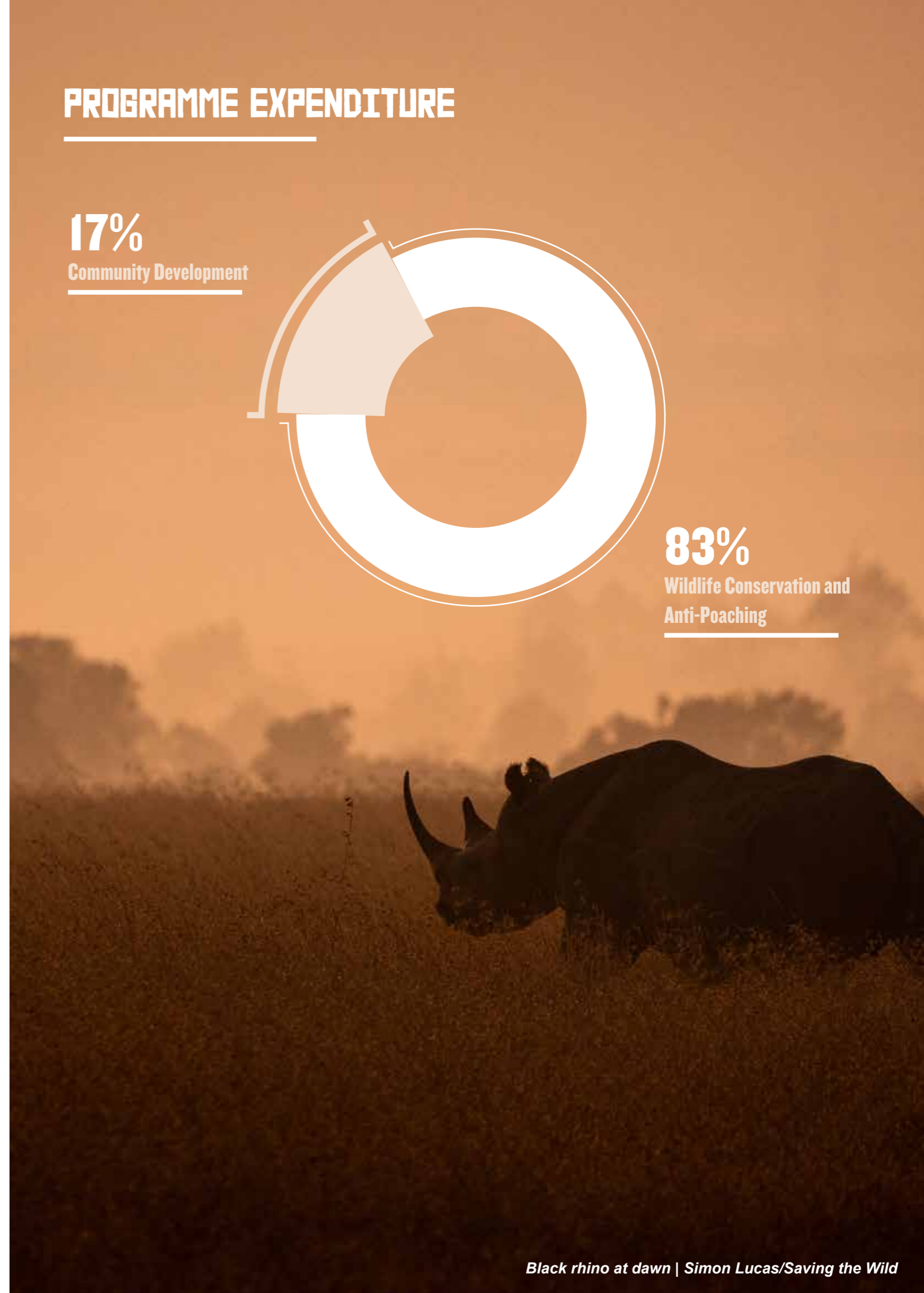
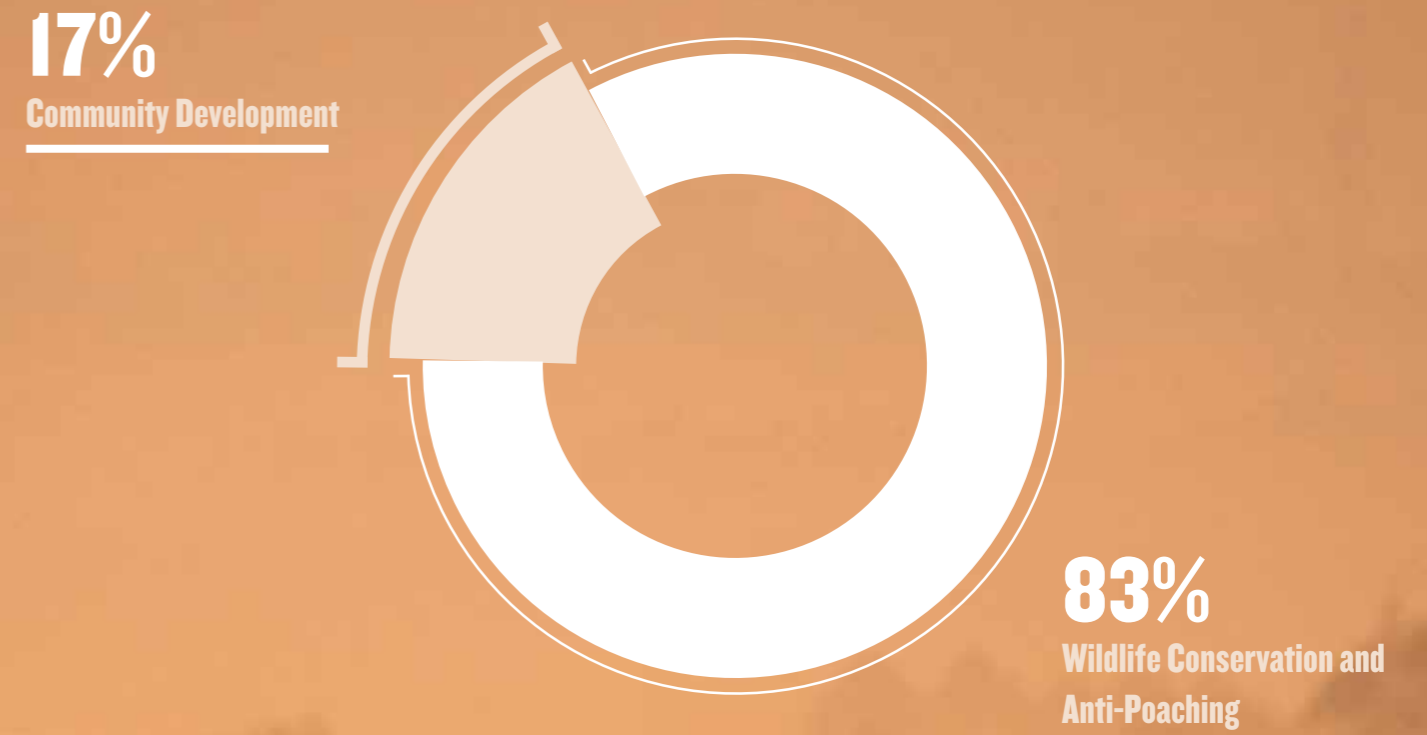
REVENUE BY SOURCE



2019 TOTAL EXPENDITURE



PROGRAMME EXPENDITURE



FUNDRAISING

ORGANIC growth in fundraising over the past five years beckoned change to enable us to continue and build on that growth trajectory. In 2019, we established the Fundraising and Communications department in order to develop a structured approach, effective processes and systems to grow our income in the various funding streams.

We established a new legal entity in the United Kingdom, OI Pejeta Conservancy UK, registered charity number 1185926. This will enable us to expand our resource mobilisation efforts and allow our supporters in the UK to donate tax efficiently. Options to donate to OI Pejeta UK will shortly be added to the website.

Total donor income in 2019 was US\$1.35 million, an increase of 53% on 2018. The income was mainly derived from voluntary funding: individuals and major donors, foundations and corporates. Institutional funding comprised of a small percentage of total donor income.

We recognise there is significant potential to develop our fundraising efforts from all these income streams in line with the growth and expansion vision and mission of the organisation.

Partnerships remained an important and integral part of our work, with shared values and joint commitment in investing in nature and the communities to ensure the two exist harmoniously.



*Hetal Ganatra
Global Head of Fundraising
& Communications*

In 2020, we will be planning for the next decade to execute landscape scale collaboration and expansion to achieve our conservation and community development goals. Resource mobilisation will play an integral role as an enabler for this.



Zebras on OI Pejeta | Renee Roaming

WAYS TO GIVE

There are many ways to support OI Pejeta Conservancy. To learn more or to donate, please email us at info@olpejetaconservancy.org or visit our website www.olpejetaconservancy.org/donate.

GIFTS AND DONATIONS

- Make a one-time gift
- Make a charitable gift of stocks, bonds, or mutual funds
- Adopt a rhino, chimpanzee and/or an anti-poaching unit dog
- Become a monthly supporter
- Name a baby rhino
- Give a child an education – child scholarships and bursaries
- Honour a loved one with a tribute gift

ESTATE/ WILL GIFTS

- Remember OI Pejeta Conservancy in your will or living trust
- Beneficiary designations: leave a portion of your life insurance or retirement plan assets to OI Pejeta Conservancy

SHOP AND GIVE

- Donate by shopping – conservation retail! Go to our website to find some amazing merchandise that looks good, feels good and does good

PROJECT PARTNERSHIPS WITH

- Trusts and Foundations
- Bilateral and Multilateral donors
- Corporate CSR and merchandising partnerships

VISIT AND FILM US

- The most enjoyable way you can help OI Pejeta is simply by visiting us!
- Document our story to help encourage more visitors and to raise awareness

VIRTUAL ULTRA MARATHON

- Be part of a global effort to raise money for rangers by signing up to our Virtual Ultra Marathon! You can run, cycle, row, ride - anything you like, from anywhere in the world.

THANKS



This list includes people and companies/organisations who have donated US\$200 or more. We would also like to thank the many individuals who, although not on this list, have, together, raised a terrific amount for conservation and community development. Every donation counts.

If you would like more information about how you can help please contact Elodie Sampere on elodie.sampere@olpejetaconservancy.org.

A SPECIAL THANKS

- | | | |
|---|---|-----------------------------------|
| AFRETECH | Concrete Roses | Nono Louise Elisabeth Harhoff |
| African Wildlife Foundation | Philip Coulson | Jaime Hasson |
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| Asilia Africa | Carla Demos | Leslie Jones |
| Association of Private Land Rhino Sanctuaries | Rijuta Dey Bera | Maria José Santos |
| Australia Zoo (Wildlife Warriors Worldwide) | Die Ofenmacher e.V. (OFM) | JW Seagon & Company |
| Awoke N' Aware | Lisa Dos Margaritas | Nan Katona |
| Andrei B. | Gareth Douglas | Sarah Kaye |
| Deidre Bainbridge | Olivier Dubos | Carin Keeter |
| Gerard Beaton | Andrew Edmonson | Chad Keffer |
| Benjamin Walls Gallery | Micheal Eicher | Kenton College Preparatory School |
| Bently Foundation | Enviroserve East Africa | Herman Klingelhofer |
| Avery Berlin | ESRI | Jenifer Koch |
| Susan Bernstein | Estate Late Da Fiene | Fan Kok Yi |
| BioRescue | Stephanie Falck | Dorothy J. Konrad |
| Anouk Boertien | Fauna & Flora International (FFI) | Belinda Kudlo |
| Thijs Bokkers | Tatiana T. Ferreira | Heather Kuikstra |
| Philip Bottrell | Ruby Fitzgerald | Gene Lange |
| Deborah Boyd Moss | Shelley Foerster | Brittany Larson |
| Caitlin Brady | Fondation Ensemble | Pieter Leemeijer |
| Ellen Brand | For Rangers | Shirley Joyce Leibel |
| Laura Brash | Friends of Arabuko Sokoke Forest | Leonie Lethbridge |
| Lisa Breen | Lisa Gansky | Audra Lill |
| Lucas Buchenel | Rhian Gastineau | Melanie Lim |
| Ernest and Diane Burgess | Sonya Ghobrial | Barry Loucks |
| Richards Burhoe | Global Federation of Animal Sanctuaries | John Lynn |
| Chris Cellini | Anita Govindjee | Martin Laing Foundation |
| Sonia Chapman | Patricia Goudvis | Jeanine Mason |
| Children Of Conservation Scholarship | Charles Graham | Tamara Matthews |
| Chui Lodge | Timothy Grant | Max Planck Institute |
| Damien Ciasullo | Martin K. Griffith | Preston Mayer |
| Giles Clark | GRIT Group | John McCarty |
| Claire and John Coleman | Michael Gross | Alison McClymont |
| | Stephen Gudz | Michael McCulloch |
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 Pan African Sanctuary
 Alliance (PASA)
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 Peter Shewan
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 Tofauti Foundation
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 Wildlife Protection Solutions
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 Patrick Wilson
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 Colin Woodhams
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Community portraits | Ian Aitken

Front cover photograph by Jaymin Patel, Kenyan wildlife photographer and co-owner of Wow Safaris. (Facebook and Instagram: @jimmy030116)

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