



Iconic cow tusker F-DI1 with calf - Photo by Will Burrard-Lucas

Annual Report - 2018

Tsavo

Biodiversity Conservation

Contents

Introduction by our CEO	3
Chairman's Statement	4
Executive Summary	6
The Board	10
Our Employees	12
Progress and Development	14
Wildlife Conservation Program	16
Conservation Impacts	18
Accomplishments and Outcomes	24
Threats and Challenges	28
Kamungi Conservancy	30
Shirango Conservancy	34
Conservation Partnerships	36
HQ and Field Facilities	38
Support to KWS	39
Summary of Finances	40
How to Support	42
Thank-you and Appreciation	44

Introduction by our CEO

When you are busy, time flies by fast, and 2018 was one of those fast but productive years for Tsavo Trust.

With our enthusiastic team, working across many fundamental levels of conservation within the Tsavo Conservation Area – through a holistic approach, combined with our solid partnership with the Kenya Wildlife Service, I do strongly believe that Tsavo Trust and its many and varying partners has and continues to be a reliable body that brings very significant and positive conservation value to Tsavo as a whole.

With the myriad of challenges that exist in Tsavo today, Tsavo Trust provides a model that enjoys private, public and philanthropic sectors working in partnership for the benefit of both people and wildlife. This approach deserves support as no one entity can address all the issues we face in Tsavo today, but a collective approach is working.

There is no quick fix, we cannot afford to be complacent and we have to face the reality that Tsavo is a fast-changing place, with major transport infrastructure developments cutting across the landscape; increased human wildlife conflict, shrinking available space for wildlife and climate change just to mention a few.

Long term thinking and long-term commitment with forward thinking conservation programs is key, that there is no question. This philosophy is very much in the daily thoughts of Tsavo Trust and into the future.

Staff capacity building and promotion from within continues to be a key agenda for Tsavo Trust's development. Building a team that can continue this meaningful work, even if key players move on, remains essential to our long term thinking and continuity. To date every single one of our 53 permanent staff members have enjoyed some form of formal training and capacity building exposure.

Without financial support Tsavo Trust would simply not achieve anything. It might have the ideas and the enthusiastic desire to fulfil those ideas but the reality is all those plans need backing. Thankfully several new partnerships were realised in 2018 and some of these are longer term commitments which is most

encouraging. The interest generated in what we do has been immense which suggests we are on the right game path and heading in the right direction?

Tsavo has so many positives to build on – its vast size is its saviour and with this, to an extent it can take the hits of drought and poaching impacts. Human population growth and the developments that come with that is the worry.

Then of course there are the elephant “Tusk-ers”. Now what a positive they are for Tsavo and Kenya. They keep the Tsavo Trust ticking with energy. As at the end of 2018, the Big Tusker Project has records of 8 Super Tuskers, 20 emerging Tuskers and 5 iconic cow Tuskers. This might not represent many elephants, but it is they who are Ambassadors of the elephant world and it is they who represent all other Tsavo elephants. By focusing much of our efforts on them, effectively we are helping to protect the entire Tsavo elephant herd. I believe that Tsavo is one of the few places left on earth where an elephant can live out its entire life and die naturally of old age. What a positive for conservation that is.

On behalf of all of us at Tsavo Trust, I wish to thank the Kenya Wildlife Service, our main strategic partner; Tsavo Trust Board of Directors and the Tsavo Trust dedicated staff. Finally, none of what you will read in the following pages could be achieved without the support of our many generous donors and varying partners. I am genuinely very grateful to you all.

Yours sincerely,



Richard Moller

Richard Moller

Tsavo Trust Co-founder
and CEO



‘I believe that Tsavo is one of the few places left on earth where an elephant can live out its entire life and die naturally of old age. What a positive for conservation that is.’



Chairman's statement

Tsavo is one of the few remaining vast spaces for the survival of the iconic species - elephants, rhinos, lions, hirola, giraffes, wild dogs and leopards among many.



Nzioki wa Makau
Chairman of the Board

The challenges in ensuring their survival have to be tackled in innovative ways.

Tsavo Trust has continued to expand its involvement in this effort. We have had more aerial patrols in the last one year rivalling all the years of our existence.

We have initiated more community involvement to the Watha community, on the southern boundary of Tsavo East National Park, as well our close WaKamba neighbours in Kamungi Conservancy, bordering Tsavo West National Park's northern boundary near Mtito Andei.

KWS continued to participate actively in the varying meetings we have initiated, and we are grateful for the strong partnership that has evolved.

It is encouraging to realise new local and foreign donors have engaged with Tsavo Trust, and are supporting the various programmes we have in Tsavo and we look forward to reporting the successes of the initiatives over the coming year.

Going forward it is imperative that we expand the reach of our community based initiatives as it is the people who live on the edge of Tsavo East and Tsavo West National Parks that have seen little benefit in their ever challenging co-existence with wildlife on their land. With much of Tsavo unfenced Human Wildlife

Conflict continues to be one of the main concerns to both neighbouring communities as well as wildlife populations. At the same time certain marginalised communities bordering the Parks have been taken full advantage of by large scale cattle owners. We hope even as our engagement with the communities grow and deepen there will be fresh approaches to the problems they face due to the space available in this fragile ecosystem.

We trust as you read the report you will be awed by the beauty of Tsavo and the collective work being undertaken to protect and preserve this unique landscape for future generations.

Asante and come visit Tsavo, the land of the red elephants.

Hon. Justice Nzioki Wa Makau

Tsavo is one of the few remaining vast spaces for the survival of iconic species

Over 40,000 square kilometres of wildlife habitat



Aerial monitoring

A Tsavo Trust Super Cub carrying out an aerial patrol over Tsavo

Executive Summary

Tsavo Trust is a field based, Kenyan registered not-for-profit conservation organisation governed by a Kenyan Board of Directors. Tsavo Trust was established to play a meaningful role in protecting the wildlife and biodiversity of the Tsavo Conservation Area (TCA) by complimenting Kenya Wildlife Service's (KWS) activities and to provide significant support to KWS and specific communities in various conservation streams. Tsavo Trust is a reliable partner to KWS that understands the many and varying challenges that the Tsavo's face on a daily basis. We are flexible to these needs as they come making Tsavo Trust unique.

Tsavo Trust has the appetite to grow considerably in the coming years, undertaking four targeted and focused work-streams, but not limited to these:

Wildlife Conservation Program - Big Tusker Project

Continuing as a reliable and key conservation partner to the KWS through the provision of meaningful aerial and ground support to biodiversity protection with emphasis on 'Big Tuskers'. This relates to not only monitoring and data collection, but also mounting responses to any imminent threats, where KWS take the lead role.

Community Conservancy Program - Kamungi and Shirango Wildlife Conservancies

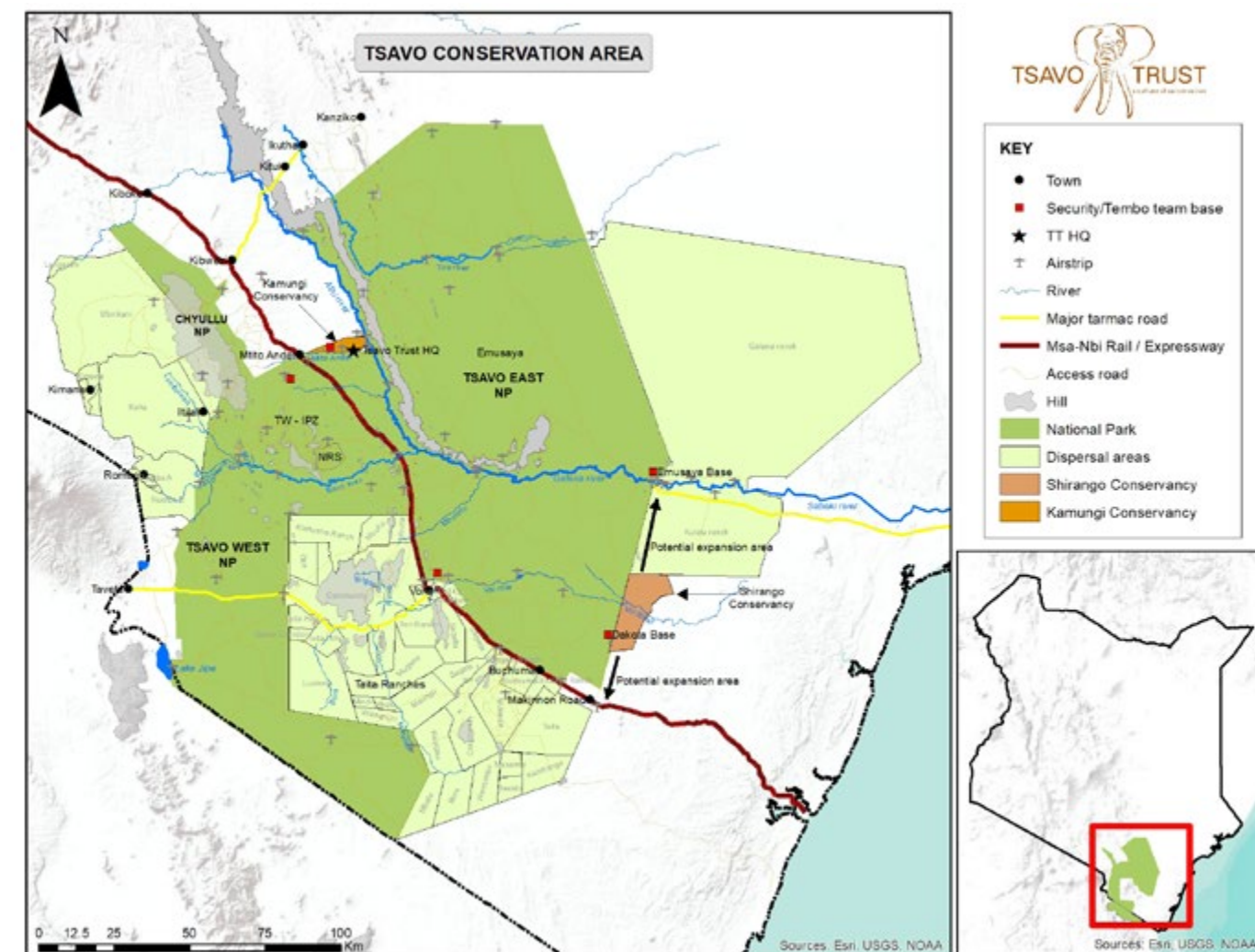
Developing and stewarding self-governing, community-led wildlife conservancies in specific key areas within the TCA, including the fostering of partnerships with other organisations already working in support of wildlife, habitats and communities in the Tsavo ecosystem. Through this we endeavour to create secure buffers bordering the formal Protected Area whilst generating economic opportunities for marginalized communities.

Animal Welfare Program

Developing the Tsavo Sanctuary in partnership with KWS - a rescue centre for the care, rehabilitation and release of orphaned, injured and sick small mammals indigenous to the Tsavo Conservation Area.

Encouraging development of Conservation Partnerships in Tsavo

An established field base allowing for effective operations, program implementation and development for Tsavo Trust and our partners. Encouragement of high end tourism back to Tsavo is also an important part of this agenda.



42,000 km² Greater Tsavo Conservation Area

12,866 Elephants
Feb 2017 Tsavo elephant census

18% of Kenya's Black Rhino in Tsavo
Critically endangered species

2018

33 Super Tuskers, Emerging Tuskers, and iconic cow tuskers monitored

72 Hours of Aerial Reconnaissance flight per month over the Tsavo Conservation Area

129 Elephant tusks recovered

841 Wire snares found and removed

23 Poachers shooting blinds / camps located and destroyed

The Tsavo Trust - Kenya Wildlife Service (KWS) partnership operates under a valid Memorandum of Understanding that provides the framework that covers collaborative conservation activities between KWS and Tsavo Trust within the TCA.

During 2018 Tsavo Trust aerial reconnaissance averaged **72 hours** and **8,439 kilometers** of flight per month to total **863 hours** and **101,262 kilometers** for the year. The Aerial Unit carried out **290 hours of rhino specific flights** covering **34,118 km**.

Ground protection Tembo Teams covered **87,513 km** over **860 patrol days**. Monitoring teams covered **63,570 km** over **455 patrol days**.

Regular monitoring, from the air and ground teams of **33 different individual Tuskers** (8 bull 'Super Tuskers' 20 emerging bull 'Tuskers' and 5 iconic cow 'Tuskers') has been realized and this "aerial blanket" provides a vital tool for

KWS over the vast and largely road less Tsavo landscape.

689 email reports, various communications and monthly reports have been sent to KWS, with relevant details, GPS references, often with photographs and maps to give 'real time' information. All observations and activities are carried out with KWS personnel on board (air and ground). Observations of **63 fresh and recent elephant carcasses** (mostly natural deaths), **recovery of 129 elephant tusks**, **42 arrests** (made by KWS with back up/support from Tsavo Trust as well as direct joint KWS/Tsavo Trust Tembo teams), **recovery of 841 wire snares**, and **23 poacher's shooting blinds/camps** located and destroyed.

Following the 2017 drought, very heavy rainfall in the region in early 2018 lead to the Athi-Galana River flooding causing significant socioeconomic damage, inside and outside the Parks.

TSAVO TRUST

HOLISTIC APPROACH TO WILDLIFE CONSERVATION IN TSAVO, KENYA

Complimenting the Kenya Wildlife Service, the governing wildlife agency in Kenya, in a vital support role focussed on protecting high value species.

IT'S ALL ABOUT SAVING WILDLIFE

TSAVO TRUST HQ

53 Permanent staff
Modern Offices
Operations hub
Digital radio network
Field accommodation
Airfield

CONSERVATION PARTNERSHIPS

Field based logistics and technical support to Tsavo conservation partners both inside and outside of the Protected Areas of TCA

- Kenya Wildlife Service
 - Community Conservancies
 - Conservation Organisations
 - Local Government
- Governed through MoUs

AERIAL UNIT

2 Super Cub aircraft
3 pilots
75 hours flown per month
Anti-poaching backup
Wildlife monitoring and aerial census

WILDLIFE CONSERVATION PROGRAM

MOBILE GROUND UNITS

Wildlife Protection
Tembo 1, 3, 5 and Kamungi Scouts
Wildlife Monitoring
Tembo 2 and 4

COMMUNITY CONSERVANCY PROGRAM

Kamungi Conservancy
Training and employment
Security and anti-poaching
Clean water project
Healthcare
Education
Human Wildlife Conflict
Information sources

Shirango Conservancy
Training and Employment
Security and anti-poaching
Water Project
Information sources

ANIMAL WELFARE PROGRAM

Tsavo Sanctuary
Leopard Project



The Board



Richard Moller, George Osuri, Patricia Awori, Stuart Herd, Munira Bashir, Hon. Nzioki wa Makau, Conrad Thorpe OBE

- Hon. Justice Nzioki Wa Makau** - Co-founding Board Member and Chairman of the Board
- Stuart Herd** - Co-founding Board Member and Vice-Chairman
- Richard Moller** - Co-founding Board Member and CEO
- Munira K. Bashir** - Board Member
- Patricia Awori** - Board Member
- Conrad Thorpe OBE** - Board Member
- George Osuri** - Board Member (Institutional seat, KWS Asst. Dir. - Tsavo Conservation Area)

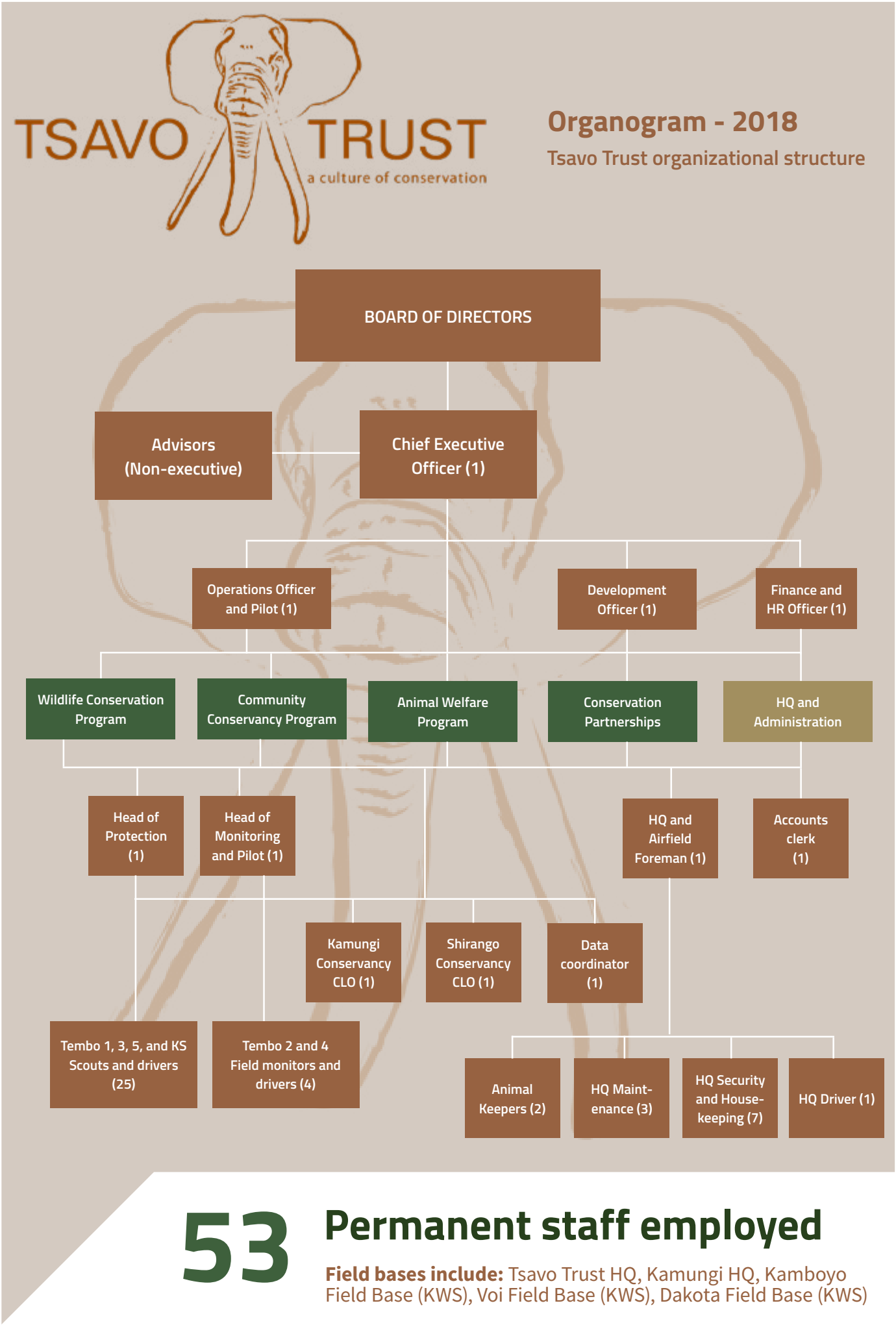
Vision

Tsavo Trust recognizes the importance of a holistic approach to biodiversity conservation. Professional wildlife conservation activities, grass-roots community engagement, valued partnerships and committed supporters combine to create a virtuous circle for the protection of Tsavo’s wilderness.

Mission

Tsavo Trust believes in conserving the vast wilderness of the Tsavo Conservation Area, that encompasses Kenya’s biggest Protected Area, is home to Kenya’s largest elephant population, several iconic ‘tuskers’, numerous high value species and one of the few truly wild places with significant wildlife left in Africa.

This national heritage is under threat and faces multiple challenges including wildlife crime, climate change and habitat loss. Tsavo Trust works on a unique strategy, in partnership with Kenya Wildlife Service and other partners on direct wildlife conservation projects as well as engaging specific local communities in the stewardship of community Wildlife Conservancies, so as to encourage participation in conservation activities that bring many varying benefits to those marginalized people that border the formal Protected Areas.



Our employees

In 2018, Tsavo Trust employed over 50 Kenyan permanent staff, working out of a number of bases across the Tsavo Conservation Area. One Aerial Unit, five mobile ground protection teams, two mobile ground monitoring teams, community Wildlife Conservancy staff, and HQ based staff at the field Headquarters in Kamungi Conservancy on the boundary of Tsavo West National Park.

Employees carry out many different duties, the results of which are laid out in this report. Tsavo Trust carried out a number of training courses in 2018, developing skills, enhancing performance and capacity building.



Johnson Parkusaa

Johnson Parkusaa is a Tsavo Trust Scout, deployed to a Tembo field team to carry out de-snaring and biodiversity protection activities in the Tsavo Conservation Area.

In 2018 he underwent three months training (supported by USAID) at KWS Law Enforcement Academy and was awarded the ‘Best All Round’ award for the course.

Tsavo Trust Scouts face numerous challenges on deployment, and excelling at the Community Rangers training course is an achievement Tsavo Trust is proud of.



Joseph Kyalo Kimaile

Kyalo was Tsavo Trust’s third permanent employee, and now heads Tsavo Trust’s monitoring department that also includes research related activities, and our Operations Room information gathering and analysis platforms at Tsavo Trust HQ.

In 2015 he was trained to drive a car. In 2018 he trained as a Private Pilot and over time will be carrying out more aerial reconnaissance flights over the Tsavo’s.

Kyalo also brings expertise in a number of software and systems applications, including GIS, SMART, and other conservation monitoring, reporting and analysis tools.



Elizabeth Atieno

Elizabeth is Tsavo Trust’s accountant and book-keeper and assists in a wide range of administrative tasks relating to accounts, Human Resources, and general administration.

Elizabeth is based at the relatively remote Tsavo Trust HQ, where she quietly and professionally handles many and varied administration duties. She has become an integral part of the team.

In 2018 Elizabeth took part in training in specialist non-profit accounting and book-keeping, and plays a key role in the development of Tsavo Trust’s administration.

Johnson Parkusaa Best All Round award

Johnson Parkusaa won the Best All Round award at the KWS Manyani Law Enforcement Academy - Community Rangers course in 2018



Tembo Team

Photo shows a Tembo protection team with Tsavo Trust Scouts and KWS Rangers. Tembo teams work in full collaboration with KWS on a daily basis.

Progress and Development

Tsavo Trust continued to develop significantly in 2018 with keen donor interest being shown towards the Tsavo’s. The following brief points reflect this progress:

2018

Employment at Tsavo Trust

Started 2018 with 42 permanent staff and finished with 53 permanent staff.

Aerial Unit

‘Eyes in the skies’ - Aerial reconnaissance has been maintained by Richard Moller and Nick Trent, both of whom continued to build strong bridges with KWS field personnel.

Joseph Kyalo Kimaile head of Tsavo Trust’s Monitoring department successfully completed his Private Pilot’s License and moved on to further training and experience in Tsavo Trust’s aerial unit.

Rhino Impact Investment pilot phase - Aerial reconnaissance patrols - KWS / ZSL / Tsavo Trust partnership

Sand Dam aerial surveys carried out in Tsavo East and Tsavo West NP

Ground field teams

Deployment of Tembo 5 de-snaring team to TENP Triangle and TWNP in July 2018.

Biodiversity protection units, Tembo 1, 3, 5 and Kamungi Scouts continued to carry out effective de-snaring and protection activities across the Tsavo Conservation Area.

Tembo 2 and 4 monitoring units continued to provide meaningful observations and data.

The 5 field 4 x 4 vehicles were well maintained and proved reliable across tough field terrain (all second hand but in reliable working condition).

Kamungi Conservancy

Development of Kamungi Conservancy continued successfully with numerous Community development projects.

Ngiluni Dispensary upgrade significantly improved healthcare facilities for members of Kamungi Conservancy.



Elephant Collaring

Shirango Conservancy

Collaborative partnership strengthened through further engagement, employment, numerous community meetings, and the initial phases of Shirango Water Project.

Scouts Training and Pass out

Between February and June 2018, 66 Community Scouts (15 from Tsavo Trust) that attended the 3-month Community Ranger Training Course at KWS Law Enforcement Academy . Two Tsavo Trust Scouts received awards at the Pass Out ceremony, Johnson Parkusaa (best all-round Scout) and Simon Koti (best in drill and turnout). Generous funding support from USAID / DOI enabled 15 Scouts to receive this first-class training by KWS.

Endangered Species Monitoring

Hirola - In line with the Hirola Recovery Plan, Tsavo Trust has continued to provide support to KWS through Tembo 2 and the Aerial Unit who have provided vital field monitoring data gathering, demographic data, and predator scat analysis.

Raptors - Tsavo Trust recognises the significant number of endangered raptors within the TCA and have continued to monitor and record pertinent details of raptor observations.

Grevy’s Zebra - Tsavo Trust continues to support KWS through Tembo 2 team with regula Grevy’s Zebra monitoring and data collection.

Encouragement of new and continued support partners who share our Conservation goal for Tsavo

Several long-term partners have continued to generously donate funds for Tsavo through the Tsavo Trust in 2018. It has been encouraging and a big welcome that a number of new donors have joined this effort to help protect Kenya’s largest formal protected area.

Collaborative exercise between KWS, Save The Elephants, Wildlife Works, and Tsavo Trust

A joint KWS, Save The Elephants and Tsavo Trust collaring elephant exercise was carried out from 29th January to 4th February 2018 in an effort to collar 20 elephants in Tsavo East NP and Tsavo West NP for purposes of the SGR and highway movements, Human Elephant Conflict mitigation, and elephant security.

‘Over a period of five days, a team of specialist vets, pilots, drivers, capture rangers and elephant researchers travelled more than 1,300 km across the Tsavo Conservation Area, Kenya, to collar 20 ‘at risk’ elephants. This epic

and important operation was a collaborative effort between Kenya Wildlife Service (KWS), Save The Elephants (STE), and Tsavo Trust with aerial support from Wildlife Works and funding from Disney’s Reverse the Decline Fund and other donors. The aim is to achieve a greater understanding of the movement and behaviour of Tsavo’s elephants in order to monitor and protect them better from human-elephant conflict and poachers.’ - Dr. Lydia Tiller, Research and Science Manager HEC Program - Feb 2018

Photo shows a known bull elephant having been successfully immobilized and later fitted with a satellite collar for tracking purposes. This particular elephant is well known for moving outside the TENP into insecure areas as well as potentially crop raiding. Tracking him was made very much easier and much quicker. A total of 20 elephants were collared in Tsavo between 29th January and 4th February in a joint KWS / STE / Tsavo Trust operation.



Photo below, taken on 3rd February 2018 in TENP, shows the joint KWS / STE / Tsavo Trust ground team fitting a satellite collar to one of the several elephants collared.



20 elephants collared during the joint exercise over 5 days across the Tsavo Conservation Area

‘Putting tracking collars on elephants is a complex, risky and expensive operation but the data obtained is incredibly invaluable, providing an important and useful monitoring tool.

Within just a fortnight, we have already started receiving insightful data that will help increase our knowledge about the movement patterns, behaviour and space needs of these special Tsavo elephants. This data will help us, Kenya Wildlife Service and Tsavo Trust to identify important elephant habitats and sites of increasing human-elephant conflict, which can lead us to develop new tools to help protect both elephants and farmers.’ - Dr. Lydia Tiller

- 20 elephants collared (10 bulls and 10 cows)

- 1,300 km covered by ground teams
- 1 helicopter, 2 airplanes, 5 4x4 vehicles
- 40 + field personnel

- Ongoing aerial and ground monitoring to provide observational data and photos such as group composition, ground conditions, vegetation cover etc



Wildlife Conservation Program - Activity Summary - 2018

Table below summarizes number of hours flown, kilometres covered, individual ‘Big Tuskers’ observed, ivory recovered, numbers of fresh and recent elephant carcasses, numbers of poacher’s camps/blinds/hides and platforms, number of joint Tsavo Trust/KWS arrests, number of snares recovered and number of aerial responses to armed situations for the year 2018.

Activity	Hours Flown	Kilometres Covered
Aerial Reconnaissance	863 Average 117 kph of low level flight 72 hours per month	101,262 Average of 8,439 km/month Flights carried out jointly with KWS staff
	Field Patrol Days	Kilometres covered
Ground Activities (Joint KWS / Tsavo Trust)	Protection teams: 860 days Monitoring teams: 455 days	Protection teams: 87,513 km Monitoring teams: 63,570 km
Rhino specific flights	290 (Aver 24 per month)	34,118 km (2,843 km / month)
	No. Observed	
Big ‘Tuskers’	Total: 8 Super Tuskers, 20 emergers & 5 iconic cows – total sightings aerial and ground teams = 365 bulls and 27 cows = Ave. 1 Tusker sighting every day	
‘Tuskers’ Lost	NIL Confirmed, 3 unconfirmed (2 bulls, 1 cow): 1. AR1 – missing since 15th January 2017, last seen TE southern boundary, TENP 2. MZ1 – missing since 22nd April 2017, last seen TW western boundary, TWNP 3. F_KA1 – missing since 3rd August 2017, last seen (very frail and thin) near Aruba, TENP	
	No. Recovered	
Ivory recovered	129 elephant tusks (largest 38kg / 84 lb) 23 tusks recvd. from 8 ivory dealers (21 tusks = 90kg), 1 Ele. Poachers (7 kg) - Total 9 arrests made - ivory related (KWS / Tsavo Trust) 106 tusks recvd. from aerial & ground team findings (KWS / Tsavo Trust)	
Elephant carcasses	Fresh (less than 3 weeks old)	Recent (less than 3 months old)
	17 (c of d: 5 poached, 8 natural, 4 unconfirmed)	46 (38 natural, 4 unconfirmed + 4 old)
	Total 63 carcases located	
Carcasses/hours flown	1 carcass every 13.7 hours of flight	
Poachers camps / hides	Fresh - 20	Recent - 3
Arrests	42 - by KWS / Tsavo Trust – (8 ivory dealers, 1 ivory poacher, 13 bush meat poachers, 12 illegal livestock, 8 other)	
Snares/traps recovered	841 by joint KWS / Tsavo Trust Tembo Teams (35 large, 118 medium, 688 small)	
Human Wildlife Conflict	Along north boundary TENP-Triangle – between Kamungi Cons. & Mtitu Andei: 447 reported incidents / Ave. 37.25 p/month (elephant 221, leopard 77, Hyena 37, lion 32, venomous snake 29, wild dog 6, crocodile 3, others 42)	
Other illegal activities seen	210 cattle bomas (125,260 plus cows, 51,100 shoats, 1,500 camels and donkeys, 316 people, 18 charcoal kilns - during air recces)	
Written reports to KWS	689 (daily email reports, various communications & monthly reports)	
Meetings and Interaction with KWS	- Daily field collaboration with KWS personnel by Tsavo Trust ground and aerial teams - Regular formal meetings with KWS in various locations including TCA HQ; TENP & TWNP HQ; KWS HQ Nairobi & Tsavo Trust HQ	

Wildlife Conservation Program

Big Tusker Project

Goal

To enhance elephant security (with specific emphasis on Tsavo’s ‘Big Tuskers’) through regular aerial monitoring and aerial and ground back up to the KWS within the TCA.

Objectives

- To support KWS with aerial back up when called upon during ground operational armed contacts and others as necessary
- Specifically locate and maintain an ‘eye’s in the skies’ with respect to Tsavo’s iconic large ‘Tuskers’
- To routinely establish the location of concentrations of elephant herds and their movements, as well as to monitor and relay real time information to KWS regarding potential threats
- Locating and recording elephant carcass information for purposes of Monitoring of Illegal Killing of Elephants (MIKE) and to carry out ground follow up exercises in support of KWS for varying roles but mainly for elephant carcass verification and ivory collection in the Tsavo Trust field vehicles



Impacts

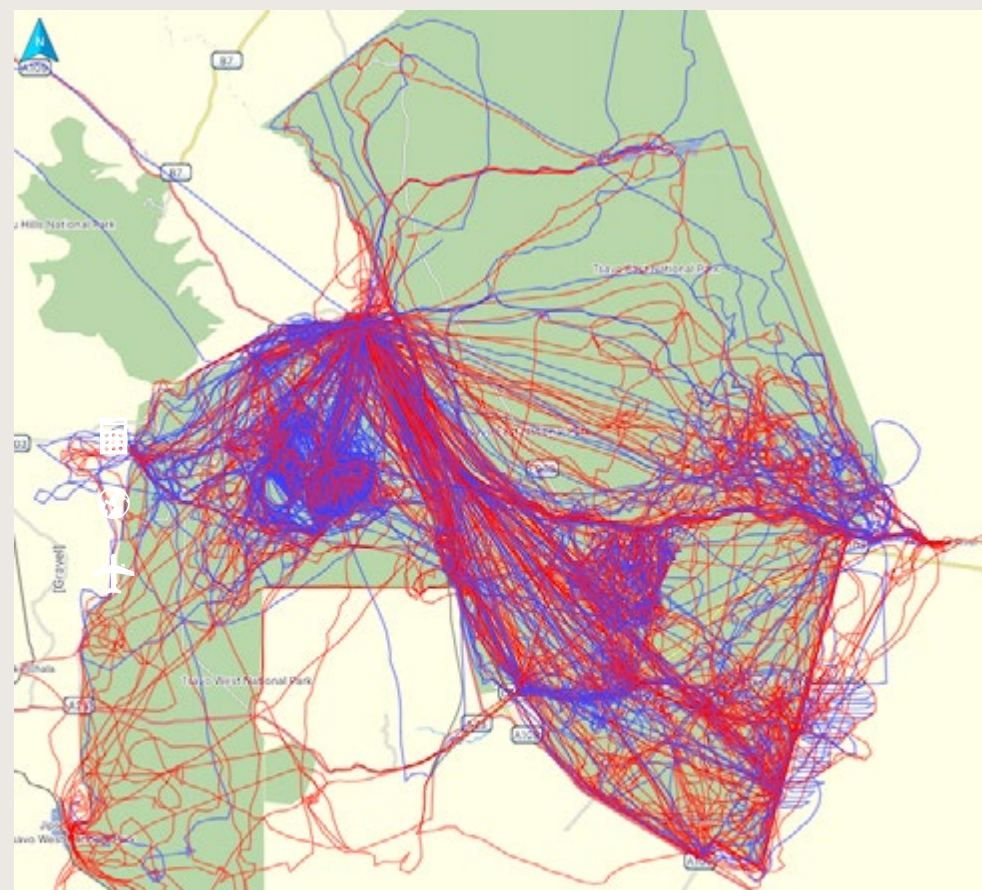
- Increase in elephant population holding Big Tusker genes
- Increased security of elephants in the Tsavo Conservation Area
- Increased research and monitoring, providing improved data on the Tuskers of Tsavo, and a better understanding of elephant movements among KWS and other organisations working to protect the elephants of Tsavo
- Increase profile of iconic ‘Big Tuskers’ among KWS and partner organisations.
- Decrease in ivory poaching and trafficking in the Tsavo Conservation Area
- Historically known ‘hot-spot’ poaching areas are no longer dangerous for elephant habitation



Conservation Impacts and Achievements

Aerial Reconnaissance

With a total of **101,262 kilometres** over **863 hours** of flight over the Tsavo Conservation Area in 2018, many areas, particularly poaching 'Hot Spot' zones and areas where the known large 'Tuskers' frequent, have been regularly covered. This ongoing aerial and ground team presence is a deterrent to poaching and other illegal activity within the TCA



Aerial patrols over Tsavo in 2018

With a total of **101,262 kilometres** over **863 hours** of flight over the Tsavo Conservation Area in 2018, many areas, particularly poaching 'Hot Spot' zones and areas where the known large 'Tuskers' frequent, have been regularly covered. This ongoing aerial and ground team presence is a deterrent to poaching and other illegal activity within the TCA.

2018 flight paths (shown in blue and red) over the Tsavo Conservation Area show the area covered during aerial reconnaissance patrols in Tsavo Trust's two Super Cub aircraft.

Flights are carried out at low level and at slow speeds, often in challenging conditions due to high temperatures, strong and unpredictable winds, and often mountainous terrain.

Flights are carried out in collaboration with KWS, as rear-seat observers. All patrol and observation records are captured by pilots and saved in SMART (Spatial Monitoring and Awareness Tool) for further analysis and reporting.



290 Rhino flights

Aerial and Ground support in Tsavo West National Park's Rhino Program was ongoing in 2018 through partnership with KWS and Zoological Society of London - pilot phase Rhino Impact Investment Project.

290 rhino specific flights (averaging 24 per month) covered 34,118 km over Tsavo West and Tsavo East.



Super Cub

In 2018 Tsavo Trust operated two Super Cub aircraft. The Super Cub is a popular for 'bush flying' and an ideal aircraft for Aerial Reconnaissance flying as it allows for low, and slow flight, giving the pilot and rear-seat observer the opportunity to record and photograph observations; cover large distances over rough, and largely road less terrain, and work in tandem with teams on the ground.

The Super Cub, piloted by an experienced bush pilot, has the capability take-off and land on rough bush airstrips, roads, and indeed open terrain in an emergency.



Super Tusker IL1
Photo shows Super Tusker coded as IL1, this elusive Tusker was sighted on average once every 18 days in 2018



Photo by Will Burrard-Lucas

Iconic cow tusker F-DI1
Photo shows iconic cow Tusker coded as F-DI1 in TENP on 22nd September 2018. She is undoubtedly Tsavo's most majestic and iconic cow elephant.



Super Tusker LU1
This massive bull elephant is a Tsavo icon that Tsavo Trust has observed 214 times over 5 years between January 2014 and December 2018.
A sighting of once every eight days on average.

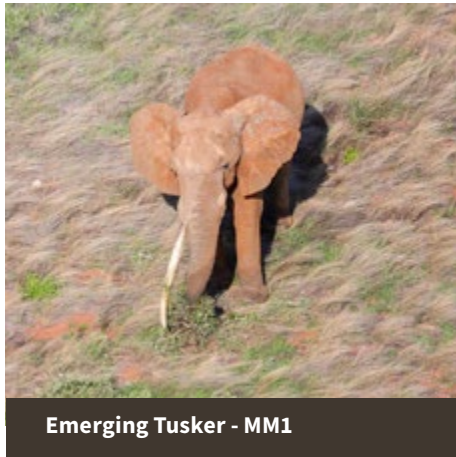


Super Tusker coded as **BA1** on 26th August 2018. BA1 had not been observed for 13 months and was last seen in July 2017, 110 kilometers from this location! A big relief he is still alive, and this magnificent elephant has been seen several times since.

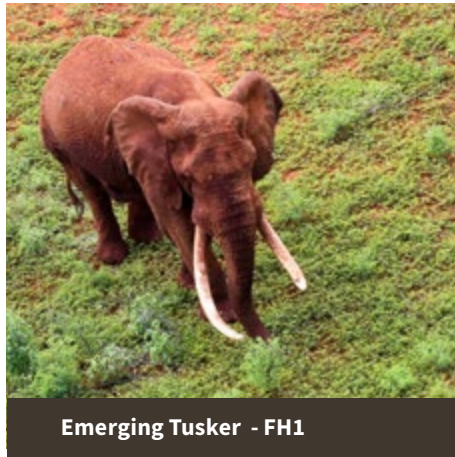
Newly identified iconic cows and emerging Tuskers in 2018



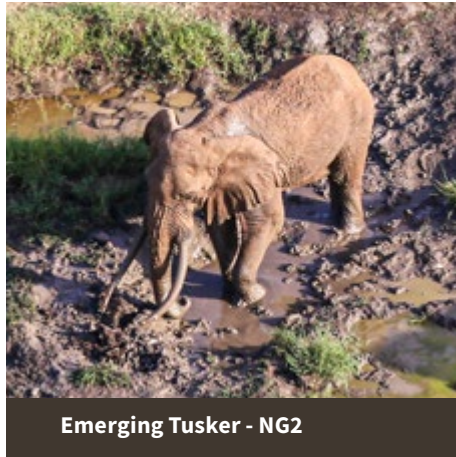
Iconic Cow - F-SG1



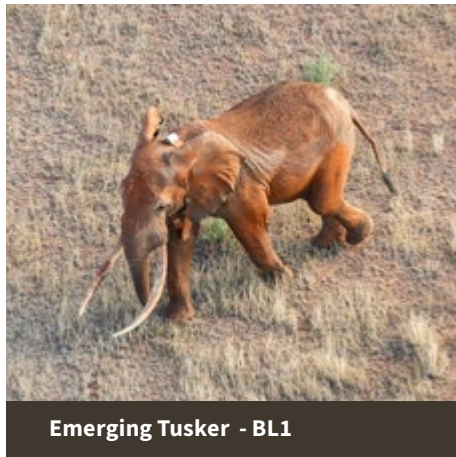
Emerging Tusker - MM1



Emerging Tusker - FH1



Emerging Tusker - NG2



Emerging Tusker - BL1



Iconic cow F-AR1

Accomplishments and Outcomes

During the 12 months of 2018 Tsavo Trust carried out a total of 101,262 kilometres over 863 hours of flight over the Tsavo Conservation Area focussing particularly on poaching ‘Hot Spot’ zones, areas where the known large ‘Tuskers’ frequent and Rhino intensive protection zones. This ongoing aerial and ground team presence is a deterrent to poaching and other illegal activity within the TCA.

Tusker monitoring

Aerial and ground monitoring of Tsavo’s elephant population with specific emphasis on iconic ‘Tuskers’

‘Tuskers’ observed during 12 months between January 2018 and December 2018:

Tsavo Trust maintains records of observations and identification photos of all known ‘Tuskers’ within the Tsavo Conservation Area. In 2018 Tsavo Trust recorded **411 ‘tusker’ observations** (282 of bull and emerging bull tuskers, and 28 of iconic cow tuskers), an average of over 1 sighting every day of the year.

A total of 31 were observed at least once (7 Super Tusker bulls, 20 Emerging Bulls and 4 Iconic cows).

Two Emerging Tusker bulls are presumed deceased having not been seen for some time, these are AR1 and MZ1. Iconic cow F_KA1 was also presumed deceased.



Super Tusker WS1 with a younger bull

Tusker coded as WS1 is a magnificent elephant, well known by Tsavo Trust for over 5 years. Maturing from an emerging Tusker into a Super Tusker over the years Tsavo Trust have been monitoring him.

He has been recorded in the KWS / Tsavo Trust Tusker data base 213 times, which equates to once every 8.5 days.

Rhino monitoring

Aerial monitoring of rhino in collaboration with KWS and ZSL

Tsavo Trust collaborate with KWS and Zoological Society of London (ZSL), where KWS take the lead role in specific rhino conservation activities in Tsavo West National Park.

Technical, logistical, aerial support as well as human resource capacity building are just some of the varying activities that take place in this joint program under the **Rhino Impact Investment Project** - pilot stage, to which Tsavo Trust is a field partner.

A significant activity carried out by Tsavo Trust in collaboration with KWS and ZSL, is the provision of regular aerial reconnaissance over rhino areas in Tsavo East and Tsavo West National Parks.

Tsavo Trust’s Tembo 3 and 4 mobile teams continued support to KWS within Tsavo West NP - Intensive Protection Zone (IPZ).

Tsavo Trust’s specific rhino related flights totalled **290 hours**, covering **34,118 kilometres**.



Black rhino with new born calf in Tsavo West National Park

These flights are all carried out at the request of KWS and in full partnership with KWS where the rear seat observer is always an officer of KWS.



2018 Flooding of Athi / Galana River

The Galana River, TENP, in full flood on 25th April 2018. This is the highest flood waters experienced along the Athi / Galana River in recent history with several tourist camps washed away totally.

Combined aerial and ground operations



Biodiversity protection

Protection Units in support of KWS in the Tsavo Conservation Area

Tembo 1, Tembo 3, Tembo 5 and Kamungi Scouts operate in collaboration with KWS within the Tsavo Conservation Area

Tsavo Trust ground protection teams carried out a total of **860 patrol days** in 2018, covering **87,513 km** over the Tsavo Conservation Area.

Tembo 5 was deployed in July 2018 to increase the capacity of these ground teams in Tsavo West.

15 of Tsavo Trust's Scouts attended a three month ranger training course at KWS Law Enforcement Academy in Manyani.

Tembo protection teams work in a challenging environment, and carry out varied and difficult tasks.

In 2018 these teams, in collaboration with KWS found and removed **841 snares and traps** (35 large, 118 medium, 688 small), **23 poachers camps/hides**, assisted in **42 arrests**, and in the recovery of elephant tusks, bush meat, illegally extracted hardwood and various other protection activities.

Photo to the right shows Tembo 1 at the scene of a freshly poached elephant.



Photo shows some of the 66 Community Scouts (15 from Tsavo Trust) that attended the 3-month Community Ranger Training Course at KWS Law Enforcement Academy - Manyani between February and June 2018

Endangered species monitoring

Monitoring Units in support of KWS in the Tsavo Conservation Area

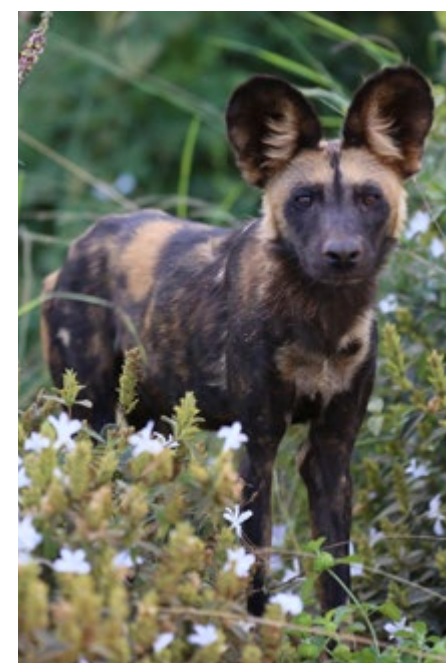
Tembo 2 and Tembo 4 units operate in support of KWS Research and Monitoring Departments within the Tsavo Conservation Area, mainly in Tsavo East National Park and Tsavo West National Park, but also in dispersal areas.

The main emphasis for these units is to monitor the large 'Tuskers' as often as possible in-situ on the ground and frequently in tandem with aerial activities, whereby ground deployments can be guided. In so doing a layer of 'eyes and ears' at ground level is achieved to compliment the "eyes in the skies" under the aerial unit.

The combined ground and air activities under the 'Big Tusker Project' has enhanced monitoring results and in turn provides another layer of security for the big Tuskers. This ground and aerial presence touches on many other monitoring activities with increasing emphasis on endangered species and the larger

carnivores across the landscape (Hirola, Grevy's Zebra, Giraffe, Lion, Leopard, Wild Dog and Cheetah). Other monitoring includes road and rail kill surveys from the Nairobi - Mombasa infrastructure, but also camera trap surveys and fixed point photography. Tsavo Trust is well placed and is enthusiastic to develop further partnerships with other organisations to expand their reach into Tsavo.

In 2018, Tembo 2 and 4 Teams working in partnership with the KWS Research Department carried out **455 field days** and covered **63,570 kilometres**.



Hirola monitoring

Regular monitoring, data collection, and analysis of the Tsavo Hirola population

Tsavo Trust in collaboration with KWS and other partners, and in line with the KWS National Hirola Recovery Plan continued to carry out regular Hirola monitoring to provide data on population demographics. The Hirola in Tsavo are seasonally breeding well, but signs are that few calves are reaching adulthood and so the population stagnates at between 60 to 70 individuals.

Monitoring includes collection and analysis of carnivore scat found in ranges in and around known Hirola territories. A preliminary predator scat analysis has been carried out by KWS / Tsavo Trust and still ongoing to give some indications as there seems to be a possible predation issue that is hindering Hirola population growth.



Tsavo's Threats and Challenges

A number of threats were faced in Tsavo in 2018 including; Illegal Wildlife Trade and poaching; Unsustainable resource extraction; Illegal and unregulated livestock grazing; Human Wildlife Conflict and retaliatory killings; Mega infrastructure development and conversion of wildlife habitat to agriculture and settlements; Pollution and Climate Change impacts

Ivory Poaching



Tsavo Trust's observations regarding poaching for ivory in 2018 saw a continued decline in this illegal activity. The numbers of confirmed poached elephants (5) that Tsavo Trust observed represented only 7.9% of the total carcasses (63) found. This represents a slight downward trend compared to 2017. There were a number of elephant carcasses where cause of death was unconfirmed. It is possible that these were in fact poached. It must be stressed that poaching for ivory remains a major threat.

Bush meat poaching



With increased pressure of human encroachment along many of the boundaries of the Tsavo Parks, the continued threat of bush meat poaching remains, both at subsistence level and in several cases commercial.

Wire snares are widely used for all wildlife from squirrels to elephants. The highly effective lamping / horn means of poaching by night is also widely used and on the increase.

Charcoaling and Hardwood Extraction



Like so many Protected Areas (PA) across Africa today, the increase in human populations that surround these PAs creates an ever increasing threat to the habitat, as many continue to rely on natural resource extraction.

In the Tsavo's illegal charcoaling and hardwood extraction is without a doubt a continued worry in certain locations, mainly close to the Park boundaries.

Unregulated Livestock Grazing



Livestock levels in the Parks were on the whole well controlled for much of the year, however there is significant encroachment in certain locations; west and south boundary of Tsavo West NP, section along SGR Voi to Buchuma thought to be grazing into Tsavo East NP by night and east boundary of Tsavo East NP.

Human Wildlife Conflict (HWC)



Human Wildlife Conflict and retaliatory killing of wildlife continued to be a significant threat in 2018. HWC records from Kamungi Conservancy listed 447 HWC incidents.

Reports from Shirango Conservancy were also concerning, and a formal HWC reporting system is being developed for this Conservancy.

Pollution and Climate Change Impacts



Pollution of river systems, in particular the Athi River, which merges with the Tsavo River to form the Galana River, remains a significant threat. Further water analysis and studies are needed to assess the impact of water pollution on the Tsavo eco-system.

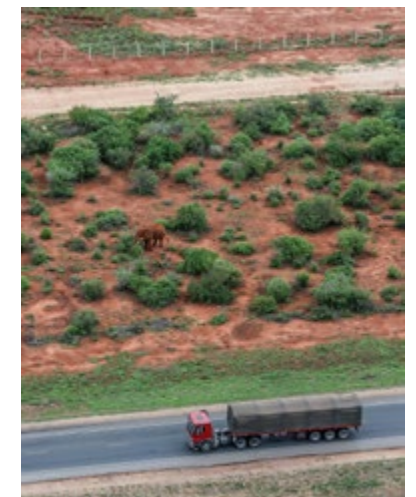
The April rains in 2018 caused record breaking flooding of the Athi/Galana River system. Huge amounts of litter were washed down and deposited as the floods subsided.

Mega Infrastructure Development and Conversion of wildlife habitat to agriculture and settlements



The Standard Gauge Railway that bisects Tsavo East and Tsavo West National Parks has affected elephant movements between the Parks and into specific historical dispersal areas (such as the Taita Ranches). Much emphasis has been placed on monitoring these impacts by specific Tsavo stakeholders. Indicators such as increased human elephant conflict (especially on the ranches) clearly portrays a negative impact. We do however believe that over time the elephants will come to know where underpasses exist, and if these access routes remain open and free of human presence, that the elephants will use them more. Unfortunately in 2018, the majority of access routes were not free of human presence.

Tsavo Trust remained actively engaged in stakeholder meetings with regards to further major infrastructure developments, namely the Mombasa to Nairobi super highway that is still under planning stages. There is no doubt that this will throw up very significant challenges to the Tsavo ecosystem, and we continue to play a role as a stakeholder in discussions regarding mitigation measures, as much as is possible.



Kamungi Conservancy

Partnership between Tsavo Trust and Kamungi Conservancy (bordering northern boundary of TWNP – Triangle) continues to thrive in many ways through employment, Kamungi Water Project, Community Liaison Officer (CLO) and much more.

Employment: Between Tsavo Trust and its partners 38 permanent staff and 23 casual staff were employed generating over \$ 10,000 (Ksh. 1,000,000) of income into Kamungi every month.

HWC – Elephant Bee Fences – 7 x 1-acre bee fences, totalling 105 bee hives had relatively low occupancy through the year. Due to the poor rains in this area, the bees have not made the honey we had anticipated, and so selective harvesting will wait until early 2019.

Kamungi Forestry Project – Seedlings have been re planted and ongoing.

Snake anti-venom – Supply for venomous snakes – Tsavo Trust partners with the **James Ashe Anti-venom Trust (JAAT)/ Bio-Ken Snake Farm**, Watamu who are the top-quality anti-venom suppliers. (Tsavo Trust currently holds 6 vials for emergency use).

In 2018 a young 7-year-old girl having recently been bitten by a red spitting cobra and arrived at Voi Hospital in a critical condition. With liaison between the Senior Nurse at Voi District Hospital, James Ashe Anti-venom Trust and Tsavo Trust, vials of top-grade anti-venom were rapidly delivered to the Hospital and within 24 hours this little girl was out of danger and will recover fully.

There were at least another 5 critical venomous snake-bite cases that Tsavo Trust / JAAT rapidly acted on with provision of quality anti-venom in the Tsavo area.

Wildlife Census Transects: Set transects have been put in place to cover the core Kamungi Conservancy area and give base line data on wildlife trends. This takes place 2 times per month.

Community Meetings: Numerous community meetings each month, usually initiated by the Community Liaison Officer, and the Kamungi Conservancy Board.

Education: Tsavo Trust continues to cover salaries of 2 kindergarten teachers at Ngiluni and Kamunyu Primary Schools. It has done this since January 2013. Fundraising plans for bettering education facilities and furthering education opportunities are in process. Various Kamungi school excursions were facilitated by Tsavo Trust during the year to include attending sporting events and exam sittings within the county.



Beehive Fence Project

Setting up a Beehive Fence in Kamungi Conservancy in partnership with Save The Elephants, October 2018.

Beehive Fences are used to mitigate Human Elephant Conflict, provide honey products, and contribute to the pollination of crops.

Seven homesteads in Kamungi now have a Beehive Fence around 1 acre of their farmland.

Photo by Naiya Raja
Save The Elephants

Ngiluni Dispensary Upgrade

Funds were donated by Leopardess Foundation to upgrade the old dispensary to include: new roof (replacing the old asbestos roof), new verandah, roofing frames replaced as necessary, re-painting inside and out, fitting of ceiling boards, new guttering all round, putting in place an electric fence around the 3 acre plot, plumbing, solar electrics, water tanks and water pipe delivery.

Photo below shows the completed Ngiluni Dispensary upgrade project. The total upgrade took place over the 4 months in 2018. The Kamungi Conservancy community members

and local Ministry of Health are very grateful. The community are fully aware that the funds raised for this project have come “on the back of wildlife” - in particular, elephants.



Dispensary building as upgrade works began



Solar powered electric fence around Dispensary

Community Wildlife Conservancy

Makueni County

Kamungi Conservancy is located on the northern boundary of the ‘Tsavo Triangle’ bordering Tsavo West National Park.

WaKamba community

The people of Kamungi Conservancy are mostly from the WaKamba tribe.



Human Wildlife Conflict

Tsavo Trust’s Community Liaison Officers (CLOs), and HQ operations and admin. staff keep close records of all HWC related incidents between Mtito Andei town to the west and Kamungi Conservancy to the east – a 25-kilometer section bordering Tsavo East NP. **447 incidents** were reported in 2018 and the Kamungi Scouts and Tembo 3 team played an active role in HWC mitigation, especially at night during the rainy season, when the Kamungi Scouts and their vehicle were regularly called by farmers to chase elephants out of their crops. Various equipment has been purchased by Tsavo Trust to scare elephants from crops including high powered torches, air horns (which work very well) and whistles.

Tsavo Trust facilitated treatment of livestock that was injured where we could.

Tsavo Trust supplied an emergency stock of high quality snake anti-venom to the Voi District Hospital to cater for extreme cases in the Tsavo area. Snakebite has recently been highlighted as one major HWC issue countrywide. Providing antivenom and the correct treatment for the many cases that appear, especially in children, is a project that we are engaged in.

Table showing Human Wildlife Conflict (HWC) occurrences in **Kamungi Conservancy** on the northern boundary of Tsavo East National Park, Triangle Area, Tsavo Conservation Area in **2018**.

Animal Species	Livestock Killed	Livestock Injured	Human Attacks	Total no of Incidents
Crocodile	1 dog 2 goats	Nil	Nil	3
Leopard	52 goats 10 sheep 15 dogs	Nil	Nil	77
Lion	7 cows 19 goats 1 sheep 2 donkeys	3 cows	Nil	32
Hyena	29 goats 2 sheep 5 chickens	1 dog	Nil	37
Venomous Snake	24 chickens 2 dogs	1 cow	2 persons bitten (survived)	29
Wild Dog	6 goats	Nil	Nil	6
	Crop Raiding	Fence Breaking and water tank / pipe breakages	Human and Live- stock Attacks	Total No. Incidents
Elephant	135	47	38 (people chased) 1 sheep killed	221
Buffalo	Nil	Nil	1 (person chased)	1
Hippo	Nil	Nil	Nil	Nil
Monkey	3	Nil	Nil	3
Mongoose	10 chickens	Nil	Nil	10
Porcupine	Nil	Nil	Nil	Nil
Zebra	19	Nil	Nil	19
Gazelle	8	Nil	Nil	8
Hare	1	Nil	Nil	1
TOTAL INCIDENTS				447
AVE. INCIDENTS / MONTH				37.25

NOTE: These are only the incidents that have been recorded by the Tsavo Trust/Kamungi Community Liaison Officer and it is likely some are missed.



Kamungi Conservancy

Photo shows Kamungi Conservancy on the northern boundary of the 'Tsavo Triangle' bordering Tsavo West National Park. The buildings in the foreground are Tsavo Trust HQ, inside Kamungi Conservancy, on the edge of Tsavo West. Small farms and homesteads can be seen beyond. The Athi River, and the Yatta Plateau are in the distance.

Shirango Conservancy

Shirango community engagement gathered momentum in 2018. This partnership between Tsavo Trust and the Watha communities of Shirango is now fast evolving (although discussions have been ongoing for over 4 years).

Through the CLO, employed by Tsavo Trust, this once alienated community is now starting to embrace the Wildlife Conservancy concept and plans are underway to roll out further activities here including a water project, and employment (see below). 2018 saw a number of very positive developments, including an exposure tour of elected committee members to Northern Rangelands Trust (NRT) in northern Kenya in September.

Employment - through Tsavo Trust, already there are 8 members of this community employed. This equates to over \$ 1,200 (Ksh. 120,000) of income generation every month to this community as a result.

Training - 6 members of this community were part of the 3 months Community Scout Training at KWS Law Enforcement Academy (LEA) at Manyani. Following this training, all these men have been active in wildlife related law enforcement in the Dakota / Shirango buffer to Tsavo East National Park.

Shirango Community meetings - Numerous meetings and discussions were held in 2018 in Shirango. It was clearly highlighted that Tsavo Trust involvement with this community was based around

benefits to community members “on the back of wildlife protection”. This has been embraced. Only time will tell now, as this locality has been a “hot spot” poaching location for many years.

Conservancy mapping - Outer perimeter was GPS mapped by CLO and Watha community elders on 15th November 2018. The total area is 270 km².

Wet season Aerial Census - In December 2018 Tsavo Trust carried out an aerial biodiversity census count over Shirango using 1km transects with some shocking results: 35 live cattle bomas, 4,660 mixed livestock (mainly cows), 470 fresh charcoal bags, 102 live charcoal kilns, only 1 small farm (slash & burn type), 31 differing wildlife observations (Lesser Kudu 16, zebra 8, buffalo 4, baboons 2 troops, dikdik 2, Eland 4, giraffe 9, warthog 2) and 7 recent/old elephant carcasses. The majority of notable way points were charcoal kilns (these charcoalers are mainly people from outside of this community). However, the considerable wildlife also counted confirms the rich biodiversity in the area. This count will provide important data for comparison as the Conservancy develops.

Community Wildlife Conservancy

Kilifi County
Shirango Conservancy is located on the south-eastern boundary of Tsavo East National Park.

Watha community

The people of Shirango Conservancy are mostly from the Watha tribe.



The Chairman of Shirango Conservancy



Exposure Tour to Northern Rangelands Trust (NRT) and Lewa Wildlife Conservancy (LWC) - this tour of 11 elected committee members (8 men and 3 women) to NRT and LWC in northern Kenya took place in late September 2018. Various Conservancies and Community projects were shown to them and it is hoped that the knowledge and ideas that this team were exposed to can be replicated over time in the Shirango area as a benefit to both communities and the potential for wildlife growth and expansion into Shirango. The habitat is intact, and the community aspiration is also there and this represents a major positive to build on over time.

Shirango Water Project

Following various meetings, initial phases of a water project (bore hole and solar pump) took place. Hydrogeological surveys took place, and EIA and NEMA approvals followed, albeit after some delays, which is quite normal in such remote situations, where government offices are many miles away, transport and logistics are challenging and community capacity is wanting.

The next stage of development is drilling the borehole and water holding facilities.

This project is being implemented to assist local people who have historically lived off elephants, bush meat and other natural resources from the TENP, but now have an understanding that this water has come to them “from the elephants” and as a result it is hoped that with engagement with the Watha people here, elephant poaching and bush meat will significantly reduce.

Exposure Tour to NRT and Lewa

Photo to the left shows the 11 elected community members who form Shirango Community Board. Below the members at Reteti Elephant Orphanage, Sarara.



Meeting with members of Shirango Conservancy in September 2018 to discuss plans for Scouts training, employment, Shirango Water Project and other Conservancy related topics.



Development of Conservation Partnerships

Encouraging the development of conservation partnerships in the Tsavo's and assisting with field project implementation.

In 2018 Tsavo Trust partnered with a number of like-minded conservation organisations, whereby Tsavo Trust provided field-based expertise to implement and support projects alongside KWS.

Tsavo Trust recognise the importance of partnerships in maximising delivery of conservation actions and strives to work collaboratively to achieve shared objectives with partner organisations, such as US Fish and Wildlife Service, USAID Kenya, Zoological Society of London, The Oak Foundation, Save The Elephants, Cheyenne Mountain Zoo, and IFAW among others in supporting KWS and of growing wildlife populations in and around the Tsavo Conservation Area.

With Tsavo Trust's established field base, we are well placed to partner with other organisations carrying out effective operations and program implementation. In addition to these conservation efforts, Tsavo Trust also actively advises and encourages high end tourism operators back to the Tsavos in an effort to generate further income to KWS, and promote Tsavo as a unique wilderness destination.

Tsavo Trust Headquarters

Tsavo Trust HQ is a field based headquarters situated within Kamungi Conservancy on the border of Tsavo West National Park.

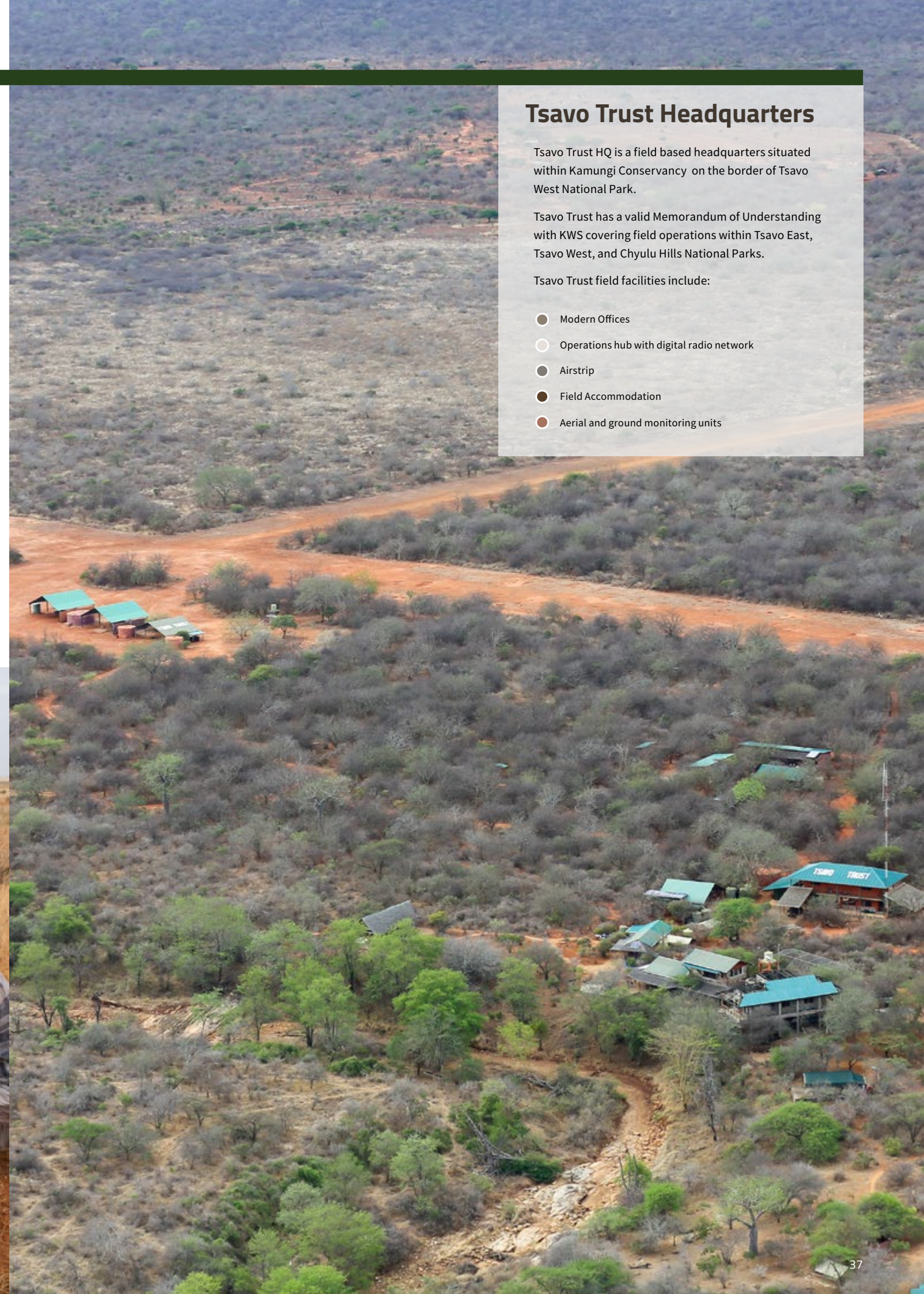
Tsavo Trust has a valid Memorandum of Understanding with KWS covering field operations within Tsavo East, Tsavo West, and Chyulu Hills National Parks.

Tsavo Trust field facilities include:

- Modern Offices
- Operations hub with digital radio network
- Airstrip
- Field Accommodation
- Aerial and ground monitoring units



Collaborative team work in the elephant collaring exercise in 2018, led by KWS



Tsavo Trust HQ and Field Facilities

Infrastructure and facilities development at Tsavo Trust in 2018 included the installation of a Digital Communications System, construction of additional accommodation

Infrastructure Development

Digital Communications System

A digital radio network was installed at the Tsavo Trust HQ operations room, with base sets in vehicles and handheld sets with various field unit personnel.

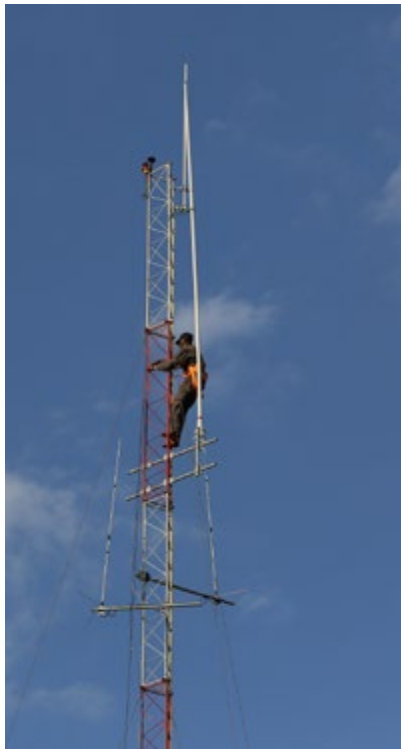
Following an implementation and training plan to ensure our staff are well acquainted with the equipment the system is being put to good use in our ongoing daily field operations. Thanks and appreciation to USAID for supporting Tsavo Trust with this development.

Tsavo Trust HQ Accommodation

Two new management houses were completed in 2018 thanks to generous funding from Cheyenne Mountain Zoo.



Aerial photo showing the new houses at Tsavo Trust HQ in 2018. Each house has 2 bedrooms, en-suite, kitchen, solar power and water heating and completed to a high standard



Photos above show the installation of digital communications equipment and the Tsavo Trust operations room

Support to KWS

Tsavo Trust's close and valued collaborative partnership with KWS continued in 2018.

In addition to daily operational field activity support provided by Tsavo Trust's Aerial Unit and Tembo mobile ground teams, Tsavo Trust provided further operations and infrastructure support to KWS, including

construction works at Tsavo West IPZ/ NRS HQ (in collaboration with ZSL); KWS Dakota Base upgrade, and KWS Dakota Base platoon vehicle upgrade (Tsavo East NP); KWS Ndawe outpost upgrade and Ndawe carnivore release enclosure construction (Tsavo West NP).



March 2018: Photo above shows the completed Tsavo West National Park - Ngulia Rhino Sanctuary (NRS) HQ with the Tsavo Trust supported IPZ office block and water tank on the left below the baobab tree. This has been a joint KWS / Zoological Society of London / Tsavo Trust construction.



December 2018: KWS Dakota Base upgrade, ranger accommodation and facilities - works in progress.

KWS Dakota Base Platoon vehicle upgrade

Major mechanical and bodywork overhaul of KWS Dakota Base 4x4 ranger vehicle



KWS / TWNP Ndawe outpost upgrade - February 2018:

Ndawe outpost is a vital KWS IPZ outpost and was in real need of a total upgrade. Partnering with ZSL on this project, Tsavo Trust carried out upgrades including: new tents, concrete slab for tents, wash area, kitchen, rubbish pit and cover, electric fence and solar charging system surrounding outpost.



Ndawe - Carnivore Release Enclosure



Additional support

- Aerial Support - Reconnaissance and backup
- Biodiversity Protection and Monitoring ground team support
- Specific field operations support as requested (e.g. Chyulu Hills NP operations in March 2018)
- Support to KWS vehicle running costs

Summary of Finances

Tsavo Trust relies on donations and grants to run our programs. As a registered non-profit company in Kenya we operate under strict financial controls with transparent financial operations. All donations restricted for specific operations are used 100% on intended projects.

Statement of revenue and expenses

Audited accounts presented in KES, shown in table opposite in USD, converted at a rate of \$1 = 100 KES

Audited financial statements summary for 2018 are presented here.

For the year ended 31st December 2018

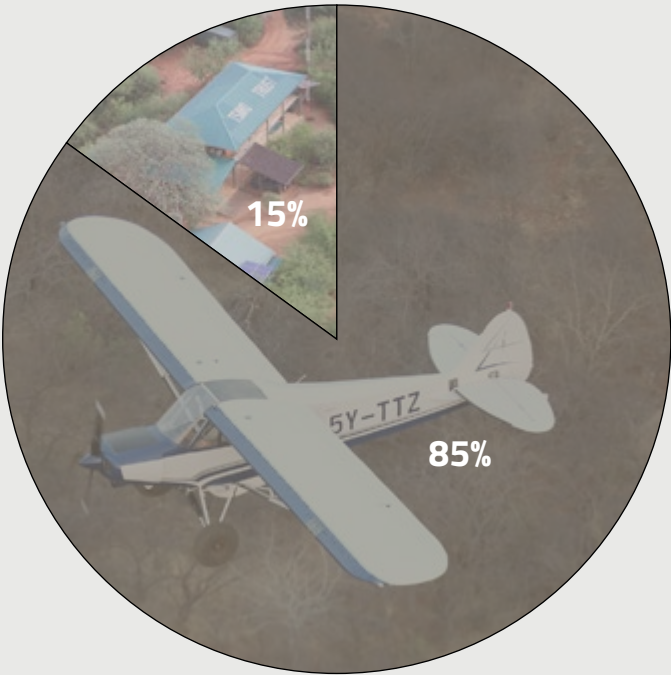
Income	2018	2017
Foreign contribution	877,246	1,404,741
Local contribution	21,078	54,151
Other Operating Income	24,265	11,827
Total Revenue	922,588	1,470,719
Expenses		
Project Expenses	1,067,818	695,940
Administration, Fundraising and Governance	190,220	231,381
Total Expenses	1,258,038	927,322
Deficit for the year	-335,450	543,398
Surplus from the previous year (2017)	543,398	
Total Surplus*	207,948	

**(includes specific 2019 Grants that were received in late 2018)*

Analysis for 2018 Expenditure

Expenses

- Administration, Fundraising and Governance - **15%**
- Programmatic Project Expenses - **85%**



How to Support

Tsavo Trust's efforts to protect the wilderness and biodiversity of Tsavo are only possible thanks to the generosity, passion and dedication of many donors, supporters and collaborative partners.

Tsavo Trust is fortunate to have a diverse network of supporters, from local communities living in the Tsavo Conservation Area, Kenyan and foreign Government agencies, international foundations, corporations, and many individuals. Tsavo Trust are extremely grateful for this varied support base, in which each and every supporter plays a key part in helping Tsavo Trust achieve its vision.

Tsavo Trust relies on the support and generosity of donors. If you would like to be a part of our cause, all support is very much appreciated. Various methods of donating are outlined on these pages.

Global Donations

Local and International direct bank transfer in USD or KES

Online donations via GivenGain:
Details and link via tsavotrust.org

Donate in the USA

501 (c)3 channel, online donations (Given Gain), or bank transfer

Link to donate via Tax efficient 501(c)3 channel in USA:

<https://donatenow.networkforgood.org/friendsoftusk>

Tsavo Trust in Kenya has partnered with our long-term supporter Tusk Trust to enable us to accept donations from the USA.

Tusk has established the Friends of Tusk fund administered by CAF America for US supporters. Donations via Friends of Tusk will be tax-deductible within the guidelines of U.S. law. For more details and to receive information on how to make a donation in support of Tsavo Trust please visit <http://us.tusk.org>

Or donate by online donation or bank transfer as detailed under Global Donations

Donate in the UK

Gift Aid available

Gift Aid Channel, online donations (Just Giving or Given Gain), bank transfer

Tsavo Trust partners with the Tusk Trust in the UK to provide a fundraising platform for Tsavo Trust programmes. Tusk Trust is a UK Registered Charity (no. 803118) with twenty years of experience initiating and funding conservation and community programmes throughout Africa.

When making a donation to Tsavo Trust via Tusk Trust, we kindly request you to clearly

state your contribution is for Tsavo Trust. This will ensure your donation is swiftly and efficiently routed to Tsavo Trust.

If you would like your donation to go towards a particular Tsavo Trust project or programme, please state this clearly too. If not, Tsavo Trust will use the funds for the projects, which are most urgently in need at the time.

Link to donate in UK:

<http://www.tusk.org/donate-online>

Donate in Kenya

Cheque, Bank Transfer, online donations via Given Gain

Cheques from Kenyan banks in Kenya Shillings or US Dollars, made out to 'Tsavo Trust', can be mailed to:

Tsavo Trust, P.O. BOX 204, Mtito Andei 90128, Kenya, East Africa.

Or donate by online donation or bank transfer as detailed under Global Donations

Other Support or Collaboration Enquiries

Please contact us to discuss how to support Tsavo Trust, or for further information on Conservation and Community Development Partnerships, field implementation and other related enquiries.

info@tsavotrust.org

Thank you and Appreciation to our Supporters and Partners

Tsavo Trust sincerely thank and appreciate the following supporters and partners:

Kenyan Government Organisations

The Government of Kenya
Kenya Wildlife Service

Makueni County Government
Kilifi County Government

Foreign Government Organisations

US Fish and Wildlife Service
USAID

Foundations

Leopardess Foundation
JM Foundation Africa
Save The Elephants
Wildlife Conservation
Network
Elephant Crisis Fund
The Oak Foundation

Cheyenne Mountain Zoo
IFAW
Zoological Society of London
Tusk Trust
Disney Conservation Fund
Wildlife Conservation Society
TUI Care Foundation

Ndovu Trust
The Askari Project
Lewa Canada
Scott Family Foundation
Saving The Survivors
International Elephant Foundation

Corporations

Satao Camps
Southern Cross Safaris
Origins Safaris
Ker and Downey Safaris
Salama Fikira
Tropical Ice
JW Seagon Insurance
The Art of BAS
Oak Furniture Land
OnSafari-Kenya
Leboo Life

Microsoft
Spidertracks
Insightly
Esri Eastern Africa
1Password
Pembroke House School
Insiders Africa
Kiwi Partners

Individuals

Nicole Honegger
Markus Jebesen
The Kratt Family
Stuart Herd
Nick Southgate
Sir Colin Southgate
James Robertson
Anita Mishra
Paolo Mapelli
Paul Block
The Davies Family

Nick Powell
Alex Graham
Dr David K.P. Li
Karen Laurence-Rowe
Skip and Joanie Mooney
Alan Binks
Sandor Carter
Howard Saunders
Sean Dundass
Mike Kirkland
James Lewin

Conservation Partners

Kenya Wildlife Service
Kamungi Conservancy
Shirango Conservancy
Zoological Society of London
Save The Elephants
Kenya Wildlife Conservancies Association
Wildlife Works
Conservation Alpha
Bio-Ken Africa Ltd
James Ashe Antivenom Trust
The Emakoko

Gery Atkins - The Lost Boys
Chris Acreman
Kathy Snowden
Royjan and Clare Taylor
Dr. Lucy King
Will Burrard-Lucas
John Carr
Paul Wilson
James Wilson
Mrs LM Studd
Peter Ainsworth

Alex Hunter
Peter Harvey
Igoa Gorostola
...and many other generous
individuals who have
donated through Just
Giving, GivenGain, and
various other donation
channels.



Sincere thanks to our main strategic partner, the **Kenya Wildlife Service**.

I am also, deeply grateful to the Tsavo Trust’s **Board of Trustees** for all their support, guidance and their free time that they have given over what has been an exciting and rewarding 2018.

Thank you,

Richard Moller



Report compiled by **Richard Moller, Nic Cahill and Joseph Kyalo Kimaile**
All photographs (unless otherwise credited) © Richard Moller / Tsavo Trust

tsavotrust.org



P.O. Box 204
90128
Mtito Andei
Kenya

Photo by Will Burrard-Lucas

