



# Fondation Eagle Vehicle Restoration Report February 2022

**haller**  
releasing potential

## Vehicle Repair Providing Logistical Support for Pandemic Outreach Programme

**Donor Reference:** FF 562-47

**Date of Acceptance:** 9th December 2020

**Date Donation Received:** December 2020

**Donation Amount:** £24,000

**Project Duration:** December 2020-December 2021

**Number of Beneficiaries:** Vehicles are supporting outreach services in 42 communities in 2022. Each community has a headcount of @800. (total catchment of approx.33,600 members.

**Location:** Kisauni District, Mombasa, Kenya



**En-route to an outreach in Shimba Hills**

## Project Context.

Community needs changed through Covid, and to be able to support them in a meaningful way with the lack of food, the lack of health services and Covid awareness, the closure of schools and the lack of education, it became clear we needed to integrate our outreach delivery and provide emergency support across all the areas they needed help with. This meant a minimum of 6 senior team members and a range of supplies from food and seeds to sanitiser, masks, medicine, porridge and books and school supplies were needed on each outreach visit. The need to transport the whole range of Haller services and interventions out to the communities requires a minimum of two vehicles. All three of our vehicles SUV's had been donated, two funded by grants from yourselves, in 2009 & 2014, and the 3<sup>rd</sup> second-hand vehicle, by a local NGO that had ceased operating.

These vehicles are the work horses of our operation and their age, mileage, the local weather and tough terrain had taken its toll on them. Outreach services were frequently disrupted by the vehicles needing repair. All required a complete overhaul to guarantee the lifeline of ongoing outreach provision, particularly in the more remote areas. Repair rather than replacement, was not only the most economical choice, but was also in line with Haller's core ethos of sustainability.

## Project Report

The repairs were completed by GoodTimer Auto Services, on the Mombasa Malindi Highway. Work was phased to ensure we could continue to deliver some outreach services. As anticipated the repairs schedule was affected by Covid. Curfews impacting the availability of mechanics and of replacement supplies. However, all repairs are now complete and we are delighted with the quality of work. **Please see photographs below evidencing repair works.**

Vehicle, Age & Registration	Repair Status	Notes
Toyota Hilux KBH 860J	Completed April 2021	Eagle Donation 2009
Toyota Hilux KAU 655B	Completed Sept 2021	Eagle Donation 2014
Toyota Vigo KCF 812M	Completed mid Nov 2021	Ex Gravity Lights NGO vehicle donated 2019
Mitsubishi Pajero KCA 742D	Minor works completed Nov 2021	Grant facilitated minor works to 4 <sup>th</sup> Haller SUV

All 3 overhauled vehicles had a complete body stripping, de-rusting and respray. Electrical and braking systems were overhauled, suspension systems replaced, clutch plates changed and engine pressures tested and rebored. Cylinder gaskets and piston rings were replaced, new tyres fitted, new seats and interiors refurbished. Other ad hoc works were carried out where necessary and minor derusting work enabled on a 4<sup>th</sup> Haller SUV which Dr Haller uses for project visits. All are now back in daily use, ensuring Haller Kenya can once again deliver key services reliably.

## Project Outcomes.

The key outcome that your grant has facilitated, has been the ability for the Haller Kenya team to schedule their operations with certainty, creating a detailed workplan of community outreach visits. The new more vulnerable communities were concentrated on during the Covid crisis initially, with the older, more established CBO's currently being visited, to check progress and provide up to date farming advice and health provision.

The focus of the outreaches have evolved during the course of Kenya's 5 Covid waves, in response to the needs of the communities at the time, with each visit incorporating at least 6 key Haller staff. These include our agricultural experts, health clinic staff and the Haller librarian, travelling with her book loaning box, so community children could access reading material. These reading and activity sessions were vital, so that mothers were able to attend health education talks and receive treatment.

- Initially, the key focus was food security and Covid 19 awareness. Dispersal of seeds and agricultural supplies and Covid 19 awareness were concentrated on and resultant health issues dealt with, with family planning and HIV prevention services, vaccinations and a general primary health service.
- More recently, with the severe drought conditions in the region, the development and testing of dryland agriculture techniques, provision of tree saplings, production of "drought resistant seed stock" and livestock, and intensive farmer training in the field, has helped support communities during the prolonged dry period and ongoing Covid 19 pandemic. Use of the Haller Farmers app is being demonstrated and encouraged, to use as a farming manual, and as a messaging facility to contact our experts for advice, as well as to reinforce in-situ training.
- May to Dec 2021 we have an emphasis on nutrition, as mild to moderate malnutrition in community children was being witnessed for the first time in recent years. The WHO paediatric protocol suggests a two week ration of therapeutic food if children fell below key measurements. However Haller believes earlier intervention is key, to break the malnutrition cycle and reduce vulnerability to disease, so a preventative porridge programme has been re-established where required. This is administered by mothers / farmers in community settings.
- Recently, a new remote community in the Shimba Hills has been visited regularly to assist with their farming and health issues. The aim is to reduce their dependency upon food aid and enable them to farm to improve livelihoods and be guided in human-wildlife conflict management, given their close proximity to the Shimba Hills National Reserve. This is a new region for Haller's work and there has been high attendance at the outreaches, with campaigns held to address their specific health and farming issues, including an anti-jigger clinic and blooded host before laying eggs - they generally attack feet or hands).

The “Project Outcomes” table below gives an indication of the work that we are now able to perform with a reliable fleet of SUV’s, giving us the ability to plan ahead with confidence to deliver the following

Health	Education	Farmer Training
<ul style="list-style-type: none"> <li>• Basic primary health care services</li> <li>• Health education workshops inc. Covid</li> <li>• Family planning (FP) clinic - sensitisation and issuance of FP methods</li> </ul>	<ul style="list-style-type: none"> <li>• Library session</li> <li>• Porridge programme</li> <li>• Childrens Kitchen Garden set-up</li> </ul>	<ul style="list-style-type: none"> <li>• Haller Farmers App; awareness</li> <li>• Distribution of information, education &amp; communication materials</li> <li>• Monitoring community 500m<sup>2</sup> veg.plots</li> <li>• Farming supervision advice</li> <li>• Issuing drought resistant seeds</li> </ul>

### **Case Study: The Shimba Hills Outreach**

The Shimba Hills region, 25km south of Mombasa and 33km inland, is one of the largest forest reserves in coastal East Africa, rich in both flora and fauna with a vast plant diversity and dominated by woodland, rainforest and grassland. The area is home to the highest population of African elephants in Kenya as well as other wildlife, some unique to the region, which cause significant damage to local vegetation.

Haller’s aim is to help in this new region by educating and supporting the ultra-poor, local population in Majimboni, enabling them to live harmoniously alongside the wildlife in the area, using farming techniques that will successfully enable them to grow their own food, and achieve self-sufficiency. The region is comprised of 5 CBO’s of approx. 250 members with a total catchment of up to 800. Three community outreach visits have taken place since September, which would not have been possible without the use of the newly refurbished SUV’s. See photographs below of health outreach, activity time with local children, porridge programme and land clearance and planting progress.





Due to the pandemic and associated supply chain issues, vehicle repairs took longer than anticipated. The total repair process lasted 11 months - from January to November 2021. **The true benefit of having 3 fully functioning vehicles will only be reaped from 2022 onwards.** Each outreach requires a minimum of 2, and ideally 3 vehicles, to transport 6 key staff plus all the outreach equipment to remote off-road locations and each outreach takes a full day.

**Beneficiaries:** 54 communities have been supported through the Haller Journey, representing a minimum of 55,000 people. At least 12 communities are now large and very well-established and are able to thrive without Haller's support. The remaining 42 communities have a minimum of 800 people which means a catchment population of 33,600. Haller's Covid 19 emergency support programme, between, connected with 34 of these and benefitted a minimum of 35,300 people over Covid period, with a combination of outreach visits, farmer training, covid talks, seed dispersal, porridge programmes, health clinics, and the allocation of family allotments.

During these sessions, it was noted that two of the new communities were struggling. They were subsequently visited 24 times in the second half of the year to provide additional support. Their wells and dam spillways were deepened and dryland agriculture techniques were reiterated to 155 disheartened, struggling farmers and their families. Further intensive advanced farmer training was organised for 20 of their chosen ambassadors, who were transported to Haller's Farmer Training Centre, for a week long course, in order to pass on their knowledge via peer to peer training. This is in addition to scheduled project work. Our farmer training sessions at each outreach typically have between 30 -40 so attendees who act as peer trainers back in their community.

Haller's integrated outreach programme, established in the initial stages of the Covid pandemic, will continue to be our model of best practice for the present, combining both health and farming advice and a renewed focus on dryland agricultural techniques. We have been able to re-open the farmer training Centre and showcase a new *advanced farmer training area*, which is based on a traditional homestead. The vehicles are already being used for transporting community farming mentors to the training centre who in turn take the training back to the community.

**The table below highlights health treatments delivered at 12 outreaches in 2021 which we were able to schedule after the first repair in May 2021.**

Month	CBO	Project Year	Total Attendees	Age <5	Age >5	Elderly
May	Nguu Tatu	2013	97	76	21	0
May	Madzo	2020	32	20	12	0
May	Kimbunga School	2011	21	21	0	0
June	Neema School	2013	60	60	0	0
July	Mwale	2020	50	20	5	25
Aug.	Madzo	2020	141	60	31	50
Aug.	Florida Women	2012	102	44	30	28
Sept.	Sauti Ya Kina Mama	2016	115	27	62	26
Sept.	Shimba Hills*	2020	97	14	55	28
Oct.	Marimani Women	2017	70	16	42	12
Oct.	Shimba Hills*	2020	119	16	73	30
Nov.	Mitsemerini	2010	63	23	34	6
Nov.	Shimba Hills*	2020	12	4	8	0
			<b>979</b>	<b>401</b>	<b>340</b>	<b>205</b>

In addition to treatments for disease there were **350** family planning patients seen and prescribed, and over **200** attendees for health education talks on family planning, breast feeding, Covid 19, deworming, nutrition and childhood immunisation. The primary health care service deals with a range of regular ailments such as hypertension, upper respiratory tract infections, UTI's, STI's. All patients with suspected malaria and other serious illnesses are referred to the Nguuni Clinic for diagnostic tests before commencing treatment.

### Expenditure: Actual vs Budget

Vehicle Repairs Expenditure: Period of Work Jan – November 2021	£
--	---

TOYOTA HILUX KBH860J TOYOTA HILUX KAU 655B TOYOTA VIGO KCF 812M	
Body restripping, de-rusting, undersealing, repaint exterior and interior	3,600
New front iron man bull bars/ chrome bumpers	1,400
Fabricating rear trays with canopy + ripstop covers	1,200
Rear door assembly + rear door iron man footsteps	1,600
New clutch kits - pressure plates/ release bearings/ pilot bearings	800
New seats for front & rear, back benches, internal carpets, tyres & alignment	1,740
New windscreens/ windows & wipers, motors where necessary	950
Engine overhaul and relevant parts - fan belts, bushes, balljoints, inner drive shaft boots, handbrake cables, brake pads, shock absorbers, oil seals, rear propellor centre bearings	2,800
New radios and aircon units	1,650
Immobiliser and alarms	800
Labour	2,060
<b>Subtotal</b>	<b>18,600</b>
Minor works on Mitsubishi Pajero KCA 742D	1,400
Kenya overhead	1,600
<b>Total Expenditure</b>	<b>21,600</b>
Grant Amount	24,000
Underspend	(2,400)

## Conclusion

Thank you for your support of this vital project, which is essential to be able to deliver services to rural Kenyan communities. The vehicles will continue to prove their worth, safely transporting both community members and Haller Kenya staff as Covid recedes.



Before & After Vehicle Repair Photos







Vehicle Use at Recent Health Outreach





