

Eagle Foundation

Project Interim Report

October 2022

Supporting Community Health & Livelihoods during Severe Drought Conditions

Donor Reference: FF 0631

Date of Acceptance: 4th April 2022

Donation Amount: £26,350

Project Duration: April 2022 - April 2023

Number of Beneficiaries: a minimum of 6,300 in first year, comprising; -
4,800 - well deepening, 6 communities x 800 people.

1,500+ at mobile health outreach

Plus, those reached by the new health and family planning content on the Haller Farmers app.

Location: Nguuni, Kisauni District, Mombasa, Kenya. S 03° 59' 35.7" E39° 41' 45.4"

Project Background

The eastern Horn of Africa has experienced acute food insecurity and severe water shortages over the past 4 seasons, with Kenya being one of the most severely affected countries. Both the World Food Programme and the Kenyan Government issued appeals earlier in the year, calling for front loaded relief to avert another humanitarian crisis, building on past lessons. Dr Haller's personal records have highlighted this as the lowest rainfall reported in the region in 93 years.

For the first time, the length of the drought has really impacted Haller Kenya's ability to provide water security for the communities they support. Rain-fed dams remained empty, many wells ran dry or become saline and the soil was almost bare, with little grass to feed livestock.

These conditions cause an array of health issues, as weakened immune systems lead to a cycle of disease, with the further burden of community women losing their right to choose their desired family size, as their unemployed partners returned to their communities during the pandemic, and pregnancy rates increased.

Imparting family planning knowledge has become ever more important as Africa's youth becomes the most striking aspect of its demography. Almost 60% of its' population is under 25, with this 'youthquake' potentially having immense consequences for the social, economic and political reality in Africa and the rest of the world.



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USAID's FEWS.NET (famine early warning systems network) states that "Kenya's current drought is already historic in its length and severity, and forecast models are now signalling an elevated likelihood that the October to December 2022 short rains season will also be below average, setting the stage for an unprecedented five-season drought. This will increase the severity and scale of food assistance needs into 2023, with a significant and sustained scale up of humanitarian assistance is needed to save lives and livelihoods."

In the Mombasa region, the usual March long rains were delayed by 4 weeks, with lower precipitation and poor distribution across the area, with the district experiencing <50% of its usual precipitation levels. The June to August season in the Coastal strip again witnessed well below average rainfall.

Water Security Improvements

A survey was carried out in early April, by Haller Kenya staff, to determine the status of the 6 community wells identified for deepening. The wells selected were funded by Fondation Eagle between 2013 – 2017, and were still experiencing high usage by community households. The well depth, condition, water levels, water quality and pump functionality were all recorded and a schedule of works formulated.

The project is underway with one community well deepened and fully restored, and two further community wells are in process. We have encountered some difficulties with the speed of the work scheduled, because the long rains were very sporadic – and being unable to predict rainfall patterns has hampered progress since it makes excavation hazardous. This is because the water table temporarily rises following the rains, which then flows into the wells which makes further excavation too risky. However we expect good progress in the months ahead. Subject to weather conditions, well deepening will continue through to January - February 2023. See schedule of works at end of report.



Critically, in the interim, extensions to the length of well pump pipes have been put in place at 2 communities, where the water table was too low for access. Water pump, well platform and thatched roof repairs are being concentrated upon until weather conditions allow further digging. These repair sessions have been combined with farming refresher training and the provision of assorted vegetable seeds to ensure communities are supported to grow food in these challenging times.

Health & Family Planning Support: Health Outreach

To date this year, 18 Haller health outreach clinics have been carried out, at a variety of Haller supported communities. A clinician, nurse, lab technician and librarian attend from Nguuni's Health & Education Centre. The clinics take place fortnightly and cover a wide area, with communities chosen based on need and date of last visit. Communities visited so far this year have ranged from those formed between 2013 to 2021.



562 adult patients and 147 children have been tended in the first 5 months of the funding period for ailments ranging from hypertension, Upper RTI's, anaemia, gastroenteritis, diabetes, malaria and UTI's. The oldest patient was 93 years of age, with the youngest being relative new-borns where ante natal care is provided. Skin disease has been prevalent in the children in many communities, due to poor hygiene, and malnutrition is still being checked for, with RUTF (ready to use therapeutic food) dispensed if necessary. The porridge programme continues at community schools, and during outreach sessions, to supplement children's diets, whilst the current drought still ongoing.

Health workshops on topics such as hygiene, nutrition and U5 immunisation have been held. Family planning has been dispensed to 88 women to date during these clinics, and family planning is more widely reinforced by sex education workshops. The depo injection, contraceptive pill and condoms are most commonly dispensed during outreach, with referral to Nguuni Clinic for the hormonal implant.

Haller Kenya's librarian attends all the outreach clinics with her mobile library box, to provide children with learning activities and reading, while their mothers visit the clinic. These sessions prove very popular and simple tyre gardening is now being demonstrated to the children also, to encourage an early interest in farming.



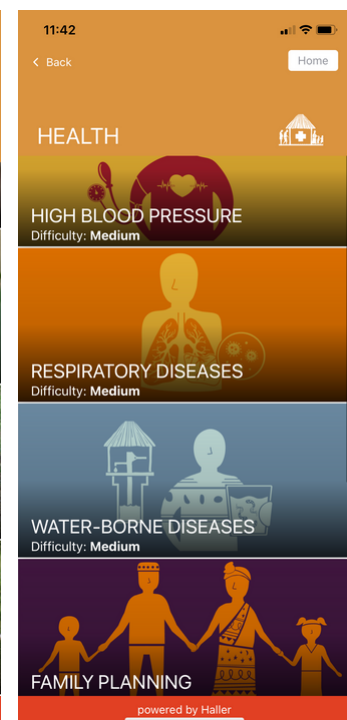
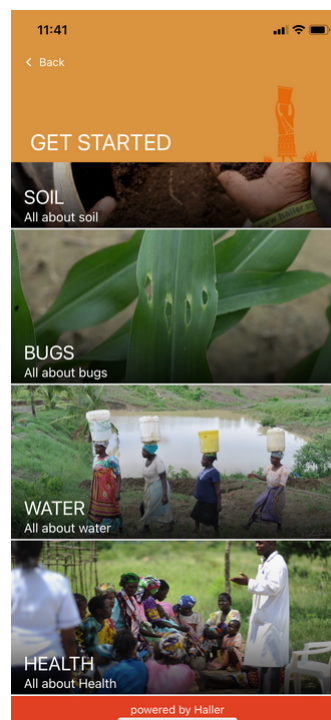
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Haller Farmers app development

Thanks to your funding, the Haller Farmers app now contains life-changing information on health and family planning. At Haller, we understand that farmers need to be 'fit and able' to farm sustainably and that a community can only thrive when it is healthy. Consequently, we have placed our new health and family planning content at the forefront of the app in the 'Get Started' section, highlighting its significance. *You can view the new content by downloading the app on [Google Play](#) or the [App Store](#).*

Eight articles have been incorporated, spanning common diseases, nutrition and family planning methods. The articles have been devised by the nurses employed at Haller Kenya's Health Centre, ensuring the information mirrors what they share with communities in their health workshops. The articles are available in both English and Swahili and displayed in a simple bullet point format so any smallholder, regardless of age or literacy levels, will understand the content.

The Haller Farmers app is highly visual, with every article supported by unique iconography and photography. Haller Kenya's Agricultural Advisor collaborated with us and our graphic design partner to creatively reinforce the new information with colourful graphics and icons, relevant to an East African audience of smallholder farmers. The photos incorporated were taken by Haller Kenya's freelance photographer during recent health & education community outreaches, with the selected photos mirroring the content and visually explaining the activity or procedure described.



The new content is now live on the app and Haller Kenya is working to spread the knowledge within the communities it supports, via the health outreach clinics, encouraging farmers to refer back to the app when required. Haller UK will continue to promote the app widely, both with partner organisations working across Africa, and publicly across our website and social media platforms to raise awareness of this unique digital tool designed specifically for African smallholder farmers.



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Expenditure to Date

IMPROVING WATER SECURITY

Deepening shafts of 6 wells by 10-12 feet:

	Budget £	Actual £
Materials, Labour, Transport 6 x £2,000	12,000	3,000
Review & Repair hand pumps	750	250
Water quality testing	300	300
Project co-ordination and management	1,200	600
Total Water Security	14,250	4,400

IMPROVING HEALTH & FAMILY PLANNING

Health Outreach

Provision of health education workshops	12,000	600
Provision of counselling & life skills teaching	600	300
Contribution to staff health costs	2,000	1,000
Fuel contributions	300	150
Project co-ordination & management	500	250
Total Health Outreach	5,600	2,800

App Development

Written content, research & development	3,000	2,750
Design support	1,500	1,600
Photography and audio content	600	570
App awareness and marketing	400	200
Training of trainers	1,000	100
Total App Development	6,500	5,220

GRAND TOTAL

26,350	12,420
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Conclusion

Thank you so much for your support of this project, critical to our work supporting Kenyan community health and livelihoods, during these severe drought conditions. We look forward to updating you further in 6 months' time with final progress.

Ally Davies
Donor Relations

ally@haller.org.uk

Haller Kenya - Schedule of works to be completed - Water Security

NO.	HP CBO	SHED REPAIR	PUMP REPAIR	WELL DEEPENED	TIME TO COMPLETION
1.	HP 138/ 2017 UFANSI	6.9.22 DONE		BY 10FT TOTAL: 27FT	1. DEEPENING AND ROOF REPAIRS COMPLETE. 2. PUMP TO BE FIXED BY 15TH OCTOBER 2022.
2.	HP 126/ 2016 TUMAINI	31.8.22 DONE	25.10.22	37FT FEB 2023	1. ROOF REPAIR IS COMPLETE 2. DEEPENING IS ON HOLD DUE TO HIGH WATER LEVEL
3.	HP43/ 2013 THREE HILLS	30.9.22 ONGOING	20.10.22	34FT MID-JAN 23	1. ROOF REPAIR COMMENCED - READY MID-OCTOBER. 2. DEEPENING TO COMMENCE MID-JAN 2023.
4.	HP 163/ 2018 JITEGEME	25.10.22		20FT MID-FEB 23	1. ROOF REPAIR TO START 18.10.22 2. DEEPENING BY MID FEB 23
5.	HP78/2015 NURU DZANIKENI	25.10.22	15.10.22	34FT END OF JAN 23	1. ROOF REPAIR TO START 25TH OCT 22 2. PUMP REPAIR 15TH OCT 22 3. DEEPENING END JAN 23
6.	HP140/ 2017 DZANIKENI	5.11.22		33FT MID-FEB 23	1. ROOF REPAIR TO START EARLY NOV 22 2. DEEPENING TO COMMENCE MID-FEB 2023