

Annex D – FINAL Progress Report

1. Identification: SSFA/2020/3578

Partners Name: Space for Giants

Budget line: BAC USD 49,062

POW 2019-2020 Sub-programme:

Expected Accomplishment(s):

1. 90% reduction in crop-raiding incidents in West-Laikipia;
2. 50% improvement in food security for smallholder farmers;
3. 10-20 (estimated) elephants driven to the correct side of the fence;
4. Collar data (based on hourly fixes) of collared elephants;
5. Improved understanding of elephant behaviour in relation to fences.

Output(s):

1. Construction of 6.2km of short electric fence;
2. 1 x Comprehensive Elephant Drive (using helicopter);
3. Deployment of 3 elephant collars on known crop-raiding elephants;
4. Deployment of critical monitoring kit and equipment;
5. Real-time fence monitoring system through SMARTConnect;
6. Conduct 3 elephant drama performances;

Title of the approved PRC project: Reducing Human Elephant Conflict in Northern Kenya

SSFA starting date: 01/11/2020

Reporting period: from 01/04/2021 to 30/06/2021

2. Summary of Status:

With support from the African Elephant Fund Space for Giants was able to successfully deliver all project deliverables and achieve the outcome that we envisioned by the end of June 2021. The work has transformed food security and conflict in Laikipia and has resulted in improved coexistence in a time when Covid has put severe pressure on local communities. Our data (no. of crop raids) indicates that crop raiding has reduced significantly - by over 70% since the completion of the Mathira fence (informal focus group discussions with local chiefs and key stakeholders indicate a 60 - 80% reduction based on perception). In total we were able to relocate 72 elephants to the correct side of the fence (of which at least 20 individuals were known crop raiding bulls) and our 3 elephant collars (along with camera trap data) have provided invaluable data on how elephants continue to try to find weaknesses in fence alignments. We realise that many benefits of this project will only be felt further down the line (e.g. changing attitudes and perceptions of elephants, land values, tree growth regeneration etc.) however in the immediate term this project has helped relieve unsustainable levels of conflict and we are confident that this is an excellent foundation to continue building on.

3. Activity delivery status

Activity	Description of work undertaken during reporting period	Deliverables	Delivery date	Status of Activity (complete/ on-going/ delayed)	Comments - brief description of implementing challenges, strategy/actions which have been adopted to address these challenges and planned actions to mitigate any identified risks
1.1 Recruit fence contractor	Space for Giants recruited a reliable fence contractor that we have used previously for fencing work in the landscape	1 x signed Contract	November 2020	Complete	N/A
1.2 Conduct construction	Space for Giants constructed the 6.2km fence in a 2 month period.	6.2km constructed	January 2021	Complete	N/A
1.3 Handover fence	Space for Giants handed over the fence to the Laikipia County Government. Due to covid-19 - no ceremony was conducted.	1 x meeting held	Visit was paid to County Government Offices February 2021	Complete	N/A
2.1 Conduct a recce to locate elephants by plane	Space for Giants conducted a recce by plane to locate the target elephants a day before the elephant drive exercise.	1 x elephant recce conducted using a fixed wing aircraft	15/03/2021	Complete	N/A
2.2 Host inter-stakeholder meeting to discuss delivery of drive	Space for Giants hosted a meeting at the KWS Nanyuki/Laikipia HQ on Monday 8th March. The operation was discussed and a plan agreed (see protocol).	1 x Meeting	08/03/2021	Complete	N/A
2.3 Carry out sensitization process to inform people of upcoming elephant drive	Space for Giants mobile elephant scouts conducted informal sensitization with local chiefs and leaders to prepare them for the exercise. The KWS informed the local authorities (e.g. Deputy County Commissioner, Deputy Police Commander etc.)	1 x Sensitization Exercise	Week of 8th March 2021	Complete	N/A
2.4 Conduct elephant drive	Space for Giants conducted the elephant drive with the support of 2 helicopters and ground teams. The exercise took the full day and resulted in 49 elephants being moved across the fence line.	1 x elephant drive	16/03/2021	Complete	There exercise required more helicopter time than initially budgeted for. Space for Giants used private donor funding to pay for the additional expense.
3.1 Purchase monitoring equipment	Space for Giants purchased all the necessary equipment required under this project.	3 x phones, 1 x motorbike	Phones bought in Q1, Motorbike in Q2 of the	Complete	N/A

			project		
3.2 Train fencers and supervisors on data collection	Space for Giants trained 2 Laikipia County Government recruited fencers on fence maintenance, data monitoring and reporting. A supervisor was also trained from a neighbouring property to oversee the work.	2 x fencers & 1 x supervisor trained	Delivered in January 2021	Complete	N/A
3.3 Deploy camera traps and elephant collars	Space for Giants was able, in partnership with the KWS, to deploy 3 elephant collars on known crop-raiding individuals.	3 x elephant collars deployed	19/02/2021	Complete	N/A
	Space for Giants was able to deploy 10 camera traps in March 2021 to monitor elephant - fence interactions.	10 x camera traps deployed along fence line	March 2021	Complete	N/A
3.4 Conduct monthly reports & review meetings	Space for Giants has conducted monthly fence supervision meetings to ensure fences are performing well. Monthly reports have been produced.	6 x monthly reports	Monthly	Complete	N/A
4.1 Conduct drama performances	Space for Giants was able to deliver the 3 drama performances	3 x drama performances conducted	May & June 2021	Complete	Due to Covid space for giants has taken a cautious approach to bringing people together. As such the element was delayed into Q2 and with reduced number of participants.

4. List of attached documents

Space for Giants has attached, included or linked the following supporting materials:

1. Electric fence construction images
2. Elephant helicopter drive images
3. Elephant collaring images
4. Image showing motorbike purchased
5. Elephant drama images
6. Link to article published in the Independent Newspaper:
<https://www.independent.co.uk/voices/campaigns/elephant-campaign/elephants-relocated-in-kenya-to-prevent-conflict-with-humans-b-1829147.html>
7. Link to video showing the elephant helicopter drive:
<https://www.youtube.com/watch?v=mb2dAKesQIs>
8. Elephant Collaring Report (attachment)
9. Monthly Fence Report Sample (attachment)
10. Elephant Drive Protocol (attachment)

Activity 1: Fence Construction at Mathira



Activity 2: Elephant Recce & Drive (See supplementary Report to KWS)



Activity 3: Elephant collar deployment & motorbike for supervisor & camera trap images



Activity 4: Drama Performances



A handwritten signature in cursive script, appearing to read "M. Schutgens".

Signature:

Date: 01/07/2021

Name and title of signing officer: Maurice Schutgens, Conservation Programme Manager