



**Darwin Initiative Main/Post/D+ Project  
Half Year Report  
(Due 31<sup>st</sup> October 2018)**

<b>Project reference</b>	24-002
<b>Project title</b>	Cattle, water and wildlife: enhancing socio-ecological resilience in Laikipia
<b>Country(ies)/territory(ies)</b>	Kenya
<b>Lead organisation</b>	Fauna and Flora International
<b>Partner(s)</b>	OI Pejeta Conservancy Laikipia Wildlife Forum
<b>Project leader</b>	Rob Small
<b>Report date and number</b>	HYR2
<b>Project website/blog/social</b>	www.fauna-flora.org

**1. Outline progress over the last 6 months (April – Sept) against the agreed baseline timetable for the project (if your project has started less than 6 months ago, please report on the period since start up to end September).**

***Bold and italic:*** Activities to be undertaken in year 2

***Bold and italic\*:*** Activities scheduled for year 1 but carried over to year 2 as specified in the year 1 annual report, or which partners identified the need and agreed to extend beyond year 1.

**Output 1: 8000ha of restored rangeland under active sustainable management that meets the grazing needs of community livestock and wildlife**

***Activity 1.4: Implementation of ecological restoration measures - restoration of riverine habitat through tree nursery development and planting on Mutara and Suguroi Rivers upstream of MCA:***

Management of Y1 tree nurseries continued with recorded germination rate of above 60%. Tree potting done for 3000 seedlings for transplanting during the rainy season in October 2018 and April 2019. Demarcation of protected riverine areas conducted in partnership with Water Resource Authority.

***Activity 1.6: Publication of ecological & bio monitoring training manual\*:*** The manual was published and shared with partners in Y2Q1.

***Activity 1.8: Implementation of an ecological & bio monitoring system linked to existing monitoring across the landscape:*** Quarterly pasture assessments for Mutara conservation area are being undertaken alongside daily monitoring of wildlife corridors. A full annual ecological report detailing the analysis of the assessments data is scheduled for Y2 Q4.

***Activity 1.9: Publication of annual MCA ecological report\*:*** The report was published and shared with partners in Y2 Q1.

***Activity 1.11: Publication of Mutara Conservation Area Management Plan\*:*** Whilst the MCA management plan developed in Y1 Q4 allows for the on-going management of the MCA, the full publication of the management plan has been rescheduled to Y2 Q4 (in line with A1.12). This is to allow for a more comprehensive planning process that utilises recently published KWS management plan guidance. Accordingly, project partners will be able to take into full account the Wildlife Act (2013), County-level devolution and identified community and stakeholder needs.

**Output 2. Improved water availability for domestic use, livestock and wildlife in MCA and 75% of households in 6 focal community areas that is managed by representative local institutions.**

***Activity 2.5: Stakeholder dialogue and consultation meetings with WRUA members (with both women and men including leaders to promote positive attitudes towards women's participation in project activities):*** Four stakeholder dialogue and consultation meetings have been conducted by project partners and stakeholders in Y2 Q1-2.

***Activity 2.9: Review and update existing sub-catchment management plans for Mutara and Suguroi rivers:***

Mutara SCMP review initiated incorporating learning from relevant Y1 activities (A2.6-2.8). The finalization of the draft is scheduled for Y2 Q3 to allow integration of ongoing or planned activities by other stakeholders. Due to seasonality of the river, the Suguroi WRUA was dormant prior to the inception of the project; current focus is to strengthen its capacity prior to reviewing and updating the existing SCMP.

**Activity 2.10: Publish revised sub-catchment management plans for Mutara & Suguroi rivers:** Publication of Mutara SCMP scheduled for Y2Q3 following stakeholder review (A2.9).

**2.11 Rehabilitate existing water infrastructure within and upstream of MCA:** Assessment and plans for Tangi Nyeusi borehole repairs completed and repairs are to be undertaken in Y2 Q3. Assessment completed and plans in place for rehabilitation of water infrastructure within MCA by end of Y2 Q4.

**Activity 2.13: Quarterly web and media updates on water management activities to broader Laikipia audience through MKEWP:** Three updates have been published in Y2 Q1-2:  
<http://laikipia.org/wp-content/uploads/2018/10/MUTARA-STUDY-REPORT.pdf>;  
<http://laikipia.org/lessons-farmers-field-day-laikipia-meru-counties/>;  
<https://www.youtube.com/watch?v=QSVcj6nVqsk&t=268s>

**Activity 2.14: Bi-annual upstream-downstream water user meeting for Mutara and Suguroi rivers:** The Mutara 'cluster', incorporating target water users on Mutara and Suguroi, as well as Pesi River, was formally established through its first biannual meeting on 17<sup>th</sup> August 2018. The next 'cluster' meeting is scheduled to take place in Y2 Q4.

**Output 3: A community cattle to market system, that supports pastoralist livelihoods and reduces stocking densities in 4 focal community areas, is in place on MCA.**

**Activity 3.5: Stakeholder dialogue and consultation meetings with focal pastoralist communities (with both women and men including leaders to promote positive attitudes towards women's participation in project activities):** Engagement with communities on establishing the community livestock scheme at MCA is ongoing with 3 meetings held in Y2 Q1-2. Progress under this activity is closely linked with the management planning process to ensure inclusivity and collaboration among the key stakeholders involved in the MCA.

**Activity 3.7: Deliver awareness scheme for holistic management (wildlife-livestock integration and optimal stocking densities):** An exposure visit to Masai Mara Community Conservancies was undertaken by 2 project representatives from 27<sup>th</sup> to 31<sup>st</sup> May 2018 to borrow lessons and experiences in establishing conservancies where communities are benefiting from controlled grazing and wildlife protection. Drawing on this and work undertaken in A3.6 the awareness scheme will be conducted with participating community members from Y2 Q3 onwards.

**Activity 3.9: Establish representative community grazing committees drawn from focal pastoralist communities:** Formation of committees scheduled for Y2 Q3-Q4.

**Activity 3.10: Agree assured purchase prices of cattle between OPC and community grazing committees:** A fair market purchase price is to be agreed on by end Y2 Q4, once the community grazing committees have been fully established (A3.9).

**Activity 3.11: Purchase of focal community cattle by OPC - fattening of cattle on OPC land:** Discussions with project communities regarding the cattle purchasing by OPC have been conducted in parallel with planned Y3 A3.14 for enabling community cattle grazing on MCA and subsequent purchasing. Activity 3.11 is scheduled for Y2Q4.

**Output 4: Women and men in 2 target communities adopt a community-based fodder production system that supports the diversification of small-scale farmer livelihoods in at least 200 households.**

**Activity 4.7: Develop extension and training services for conservation agriculture (including on-farm water management) in appropriate format(s) to ensure accessibility for all target users (men, women, elderly & youth):** A simple manual for farmers in line with the current agricultural policy has been developed and currently being used by the water and extension officer to train farmers.

**Activity 4.8: Publish training manual for conservation agriculture (including on-farm water management) in appropriate format(s) to ensure accessibility for all target users (men, women, elderly & youth):** Finalisation of draft manual and publication scheduled for Y2 Q3.

**Activity 4.9: Conduct conservation agriculture (including on-farm water management) trainings with participating smallholder households, ensuring that 50% are female participants:** Conservation agriculture trainings initiated at village level in collaboration with the Ministry of Agriculture and Elegance dairy trainers - 11 village level farmers trainings with a total 545 farmers trained (289 women and 256 men).

**Activity 4.10: Facilitate market linkages between local fodder producers and local consumers (including MCA community cattle):** Four community meetings organized in collaboration with local service providers where a total of 174 hay farmers (64 men and 110 Women) attended.

**Output 5: Vulnerable and endangered species are under effective protection on MCA**

**Activity 5.1: Co-ordination meetings between OPC, AWF, Eland Downs and KWS to improve the quality and extent of wildlife corridors in the greater OPC landscape:** Two coordination meetings which discussed at length the development of Management plan of MCA (A1.11) whose main objective is to secure wildlife corridor in the greater OPC landscape. Those engaged include: OPC, KWS, ADC Mutara and Monarch group.

**Activity 5.3: Biodiversity conservation exposure visits by participating households to OPC:** A total of 103 (59 men and 44 women) community members participating in the project visited OPC in Y2 Q2. The focus on the visits was building knowledge on OPC's holistic conservation model and endangered species conservation. Further visits are scheduled for Q3-4.

**Activity 5.4: Monthly camera trapping of wildlife corridors to monitor wildlife movement between OPC and MCA:** Sorting corridor images for 2017(Jan-December) is complete. A comprehensive report for this period is available. Sorting for 2018 corridor images has commenced. The comprehensive report for January 2018-December will be compiled by the end of the year.

**Activity 5.5: Data from ecological monitoring (Activity 1.9) used to actively manage populations of grazing and browsing herbivores and predators species:** Quarterly pasture assessments for Mutara conservation area are ongoing. Four quarterly assessments have been completed to date; with two happening within the reporting period Y2 Q1-2. Map showing distribution and detailed report developed to inform management.

**Activity 5.7: Conduct regular wildlife ranger patrols on Mutara Conservation Area:** Daily patrols ongoing and data on wildlife sightings and livestock sighting is collated and sent through on a daily basis. Data collected and analysed is currently being used to inform management of the conservation area on infrastructural development; grazing plans; habitat management; monitoring and surveillance.

**2a. Give details of any notable problems or unexpected developments/lessons learnt that the project has encountered over the last 6 months. Explain what impact these could have on the project and whether the changes will affect the budget and timetable of project activities.**

A key lesson learned over the past six months, both by FFI and OPC staff, has been the careful process that is required to build consensus between the varied actors with interests in the Mutara Conservation Area where the integrated community livestock and wildlife scheme is planned. The project is working to carefully balance the interests of the different parties and to develop feasible options for the community cattle scheme that will both be financially sustainable and meet the commitments of the project for an equitable scheme that is co-designed by project partners and the pastoralist communities that neighbour the MCA. Further integration of planned activities to the MCA management plan is required to coordinate efforts of different actors. There has been some impact on inter-year timetabled activities for Output 3 but there is no projected effect overall on budget.

**2b. Have any of these issues been discussed with LTS International and if so, have changes been made to the original agreement?**

Discussed with LTS:	Yes/No
Formal change request submitted:	Yes /No
Received confirmation of change acceptance	Yes /No

**3a. Do you currently expect to have any significant (e.g., more than £5,000) underspend in your budget for this year?**

Yes  No  Estimated underspend: £

**3b. If yes, then you need to consider your project budget needs carefully.**

**4. Are there any other issues you wish to raise relating to the project or to Darwin's management, monitoring, or financial procedures?**

**Response to Year 1 annual report review**

The direct link to the project web page which was not provided in the year one annual report is:  
<https://www.fauna-flora.org/projects/cattle-water-wildlife-enhancing-socio-ecological-resilience-laikipia>

**If you were asked to provide a response to this year's annual report review with your next half year report, please attach your response to this document. Additionally, if you were funded under R24 and asked to provide further information by your first half year report, please attach your response as a separate document.**

**Please note: Any planned modifications to your project schedule/workplan can be discussed in this report but **should also** be raised with LTS International through a Change Request.**

Please send your **completed report by email** to Eilidh Young at [Darwin-Projects@ltsi.co.uk](mailto:Darwin-Projects@ltsi.co.uk) . The report should be between 2-3 pages maximum. **Please state your project reference number in the header of your email message e.g. Subject: 22-035 Darwin Half Year Report**