



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

<b>Project reference</b>	25-031
<b>Project title</b>	Partnering with Business for Restoration of Mt Kenya ecosystem services.
<b>Country(ies)/territory(ies)</b>	Kenya
<b>Lead organisation</b>	Nature Kenya
<b>Partner(s)</b>	Kenya Forest Service, Mt.Kenya Biodiversity Group-SSG, The Nature Conservancy, Ministry of Environment, National Museums of Kenya
<b>Project leader</b>	Paul Matiku
<b>Report date and number (e.g., HYR3)</b>	HY1R1-30 <sup>th</sup> October 2018
<b>Project website/blog/social media etc.</b>	<a href="http://www.naturekenya.org">www.naturekenya.org</a>

**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).**

		No of		
	Activity	Timeline	Progress	Evidence
<b>Out put 1</b>	<b>A clear, evidence-based 'business case' is applied for the sustainable management of the Mt Kenya forest.</b>			
1.1	Conduct a start-up workshop with project partners to agree methodologies and provide training in protocols for the Ecosystem Service Assessment for Mt Kenya	Y1Q1	<b>An internal start up meeting was held at Nature Kenya offices on 11th July 2018</b> bringing together 8 Nature Kenya staff were present (6M,2F). The agenda of the meeting was; 1. Introduction to the project; 2. Project Implementation plan; 3. Roles and responsibilities (Annex 1).	Annex 1: Minutes of internal start up meeting
1.2	Convene meetings/workshops and carry out consultations needed to assess ecosystem services (e.g. discussions about utilization of water and other natural resources)	Y1Q1-Q2	<b>A project inception workshop was held in Meru on 23rd &amp; 24th August 2018; attended by 56 (22F, 34M) local community participants(Annex 2).</b> According to the report, <b>two states of ecosystem services provision by the forest were agreed upon;</b> 1. Current state (status quo), 2. Future state (when forest restoration is achieved).	Annex 2: Inception workshop proceedings
1.3	Carry out socio-economic fieldwork needed to assess the socio economic ecosystem services (especially water) provided by Mt Kenya	Y1Q1 – Q2 & Y3Q2-Q3	After the inception meeting in activity 1.2 <b>stakeholders present provided inputs into the Mt.Kenya forest ecosystem services scoping report</b> (Annex 3). 4 <b>planning meetings for the socio-economic fieldwork were held</b> involving the ecosystem services	<b>Annex 3:</b> Draft ecosystem services scoping report. <b>Annex 4 &amp; 5:</b> Meeting notes

			assessment consultant, RSPB climate change expert and Nature Kenya ( <b>Annex 4 &amp; 5</b> ).The outputs from this consultation a <b>questionnaire for field socio-economic and ecosystem services assessment was developed</b> (Annex 6). <b>Fieldwork for the ecosystem services assessment is planned to take place in October 2018</b> after training of 30 field enumerators targeting 400 household respondents from 30 sampling locations around Mt.Kenya forest.	for Ecosystem Services Assessment planning  <b>Annex 6:</b> Draft questionnaire
1.4	Carry out biophysical (biodiversity and sedimentation) fieldwork needed to assess the bio ecosystem services provided by Mt Kenya	Y1Q1-Q2 & Y3Q2-Q3	<b>Protocols were developed in consultation with National Museums of Kenya</b> experts to guide biodiversity surveys (Annex 7) and water assessment (Annex 8). <b>Water services field assessment was carried out</b> (Annex 9). Biodiversity surveys will be carried out end of October 2018.	<b>Annex 7:</b> biodiversity Survey protocols <b>Annex 8:</b> Water assessment survey protocols <b>Annex 9:</b> Water services field assessment report
<b>Output 2</b>	<b>Payment for Water Services (PWS) partnerships developed, and applied by producers/suppliers (CFAs) and buyers (downstream users/businesses)</b>			
2.1	Develop community action plan to improve biodiversity and water services with roles for producers/suppliers and buyers to restore 500 Ha annually	Y1Q1-Q2	<b>15 Community Forest Associations (CFAs) are consultatively developing forest restoration action plans.</b> 7 CFAs have zero draft action plans ready for review (Annexes 10 - 16). From the 7 CFAs a total of total area of 1771ha of Mt. Kenya forest is targeted for restoration in the next 5 years.	Annexes 10 – 16: CFA Action plans
2.2	Carry out organizational capacity assessments and train 12 CFAs as water producers/suppliers to enhance their capacity (communications, marketing, public relations, governance and others) to build partnerships with buyers (downstream users) and negotiate for payment for ecosystem services	Y1Q2-Q3	<b>104 representatives from 15 CFAs (63 men, 41 women) were trained</b> on leadership, governance, institutional management and action plans development (Annex 17). From the training, <b>the 104 representatives held on-site consultations with the wider CFA membership</b> where they; 1. Consolidated CFAs views and information into the action plans, 2. identified downstream water users (Annex 18)	Annex 17: Training report, photos Annex 18: Consolidated database of potential down-stream water users
2.3	Develop project packages for 12 CFAs to submit to identified downstream water buyers	Y1Q1-Q3	Development of project packages will be carried out after finalization of the forest restoration action plan (see 2.1 above)	
2.6	Hold meetings to explore ways for Water Resources Agency (WRA) to participate in supporting CFAs to help WRA plant trees in Mt Kenya	Y1Q4 - EOP	<b>Held consultation with Kenya Water Towers Agency</b> and discussed support that can be directed to CFAs to enhance Mt. Kenya water tower rehabilitation (Annex 19).	Annex 19: Meeting notes
<b>Output 3</b>	<b>Community Forest Associations (CFAs) across Mt Kenya deliver and maintain</b>			

	<b>commitments in PWS agreements partnerships for continued forest restoration.</b>			
3.1	Train CFAs in tree planting, forest protection and monitoring	Y1Q1-Q3	This is planned for the next reporting period	
3.2	Convene the Mt Kenya CFAs forum to coordinate and communicate efforts and agree resource mobilization approaches for Mt Kenya restoration	Y1Q1-Q3	This is planned for the next reporting period	
3.3	Train 12 FACs (CFAs/SSG) and establish tree nurseries to restore 500 Ha as a 'restoration demonstration' by end of year 2.	Y1Q1-Q3	This is planned for the next reporting period	
3.4	Support the CFAs to develop financing agreements with businesses for short and long-term financing approaches	Y1Q1-Q3	<b>Draft financing agreement were developed</b> (Annex 20). This is aimed to be a guide for consideration between CFAs and business buyers	Annex 20: Draft Financing agreement
3.5	Collect biodiversity baseline data for selected species at start and annually and compare to baseline	Y1Q1 & Y3Q2	<b>Protocol to guide biodiversity baseline survey has been developed</b> (see Annex 7). Surveys will be carried out different forest habitats; 1. Indigenous forest, 2. Plantation forest, 3. Forest restoration areas, 4. Degraded forest areas.	Field survey protocol
3.6	Produce annual status and trends report and disseminate to decision makers	Y1Q1 & Y2Q1 & Y3Q1	<b>Annual Key Biodiversity Areas(KBA) status and trends report was finalized</b> and ready for publishing and sharing with decision makers (Annex 21)	Annex 21: KBAs status and trends report
<b>Out put 4</b>	<b>Poor forest adjacent people living around Mt Kenya are empowered to derive additional benefits from nature-based livelihood activities that support forest restoration</b>			
4.1	Conduct baseline and end of project household surveys to assess amongst other things diet, income, fuel use to help monitor progress and inform HH selection for Beekeeping training and energy saving support.	Y1Q1 & Y3Q2	<b>Questionnaire to be used for household survey is modified from Tana Delta Darwin project 24-013</b> (See Annex 7). 30 sampling locations have been identified targeting 400 household respondents. <b>30 (13Women, 17Men) enumerators have been recruited and</b> will be trained from 15th October 2018 on data collection protocol.	Questionnaires, <b>Annex 22:</b> list of enumerators
4.2	Deliver training/mentoring in beekeeping to selected households, develop business plan and add value to honey for marketing	Y1Q1-Q2	<b>An assessment tool (Annex 23) adopted from Tana Delta Darwin project Tana24-013 to assess</b> the capacity of community members using CFAs as the focal group on beekeeping has been deployed. We aim to find out community capacity on beekeeping including business management skills.	Annex 23: Draft questions
4.3	Research and document barriers to uptake of energy saving clean cook stoves	Y1Q1-Q2	Assessments on use and uptake of household energy saving cook stoves by local communities around Mt.Kenya has been incorporated in the household survey questionnaire	
4.4	Identify individuals to be provided with energy saving technology and Implement training in energy saving technologies	Y1Q1-Q2	Following the socio-economic survey (see activity 4.1), results will show use of energy saving technology and provide guidance on areas strategic target for implementation	

			this output.	
4.5	Identify individuals to be provided with training in wildlife guiding and mountaineering	Y1Q1 &Y2Q1 &Y3Q1	Planned in the next reporting period	
4.6	Deliver training/mentoring in wildlife guiding and mountaineering.	Y1Q1-Q2	Planned in the next reporting period	
<b>Out put 5</b>	<b>Lessons learned from the project are disseminated to all relevant stakeholders by a PWS mainstreamed Nature Kenya</b>			
5.1	Mainstream PWS approach into Nature Kenya marketing for beyond project PWS partnership development	Y1Q1 - EOP	<b>Participated and presented a conference poster</b> during the 2018 Foresters' Scientific Conference, themed-Enhance Sustainable Forest Management in Kenya. We presented a poster (Annex 24) sharing lessons from Nature Kenya forest restoration initiative.	Annex 24: Conference poster
5.2	Produce and distribute tailored business case awareness materials to stakeholders	Y1Q1 - EOP	<b>Developed a 2019 calendar</b> with key information on importance of Mt.Kenya (Annex 25). We aim to produce 2000 copies for distribution to target audiences	Annex 25: Calendar
5.3	Awareness events including important world days (e.g. WED/WWD) organized to share lessons and experiences	Y1Q1 - EOP	<b>Nature Kenya was represented in 4 events</b> (1. Hosted on a local radio station Wega FM to talk about Mt.Kenya forest restoration ( <b>Annex 26</b> ), 2. Water stewardship for sustainable hydropower, 3. Supporting strategic planning for enhancing climate change resilience and adaptation in Kenya key water towers ecosystems, 4. Development of Kenya water towers monitoring framework to share lessons raise awareness on Mt.Kenya forest restoration initiative).	Annex 26: Recording of radio program, Meeting notes, minutes, workshop reports

**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.**

No major challenge. Normal start up delay experienced mainly on field staff recruitment where two staff; Project officer and Community liaison officer started in August and October 2018 respectively.

**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:                      No                                      Yes/No

Formal change request submitted: No                                      Yes/No

Received confirmation of change acceptance : No                      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.** Please remember that any funds agreed for this financial year are only available to the project in this financial year.

If you anticipate a significant under spend because of justifiable changes within the project, please submit a re-budget Change Request as soon as possible. There is no guarantee that Defra will agree a re-budget so please ensure you have enough time to make appropriate changes if necessary.

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

None

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/work plan 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**