

Position/Job title: GCBC National Project Coordinator

Reports to: Executive Director

Place of Work: Nairobi, Cherangani and other places as required

Background

The National Project Coordinator will coordinate a research team composed of Nature Kenya, Kenyatta University (KU), Kenya Forestry Research Institute (KEFRI), Kenya Forest Service (KFS) and the National Museums of Kenya (NMK). The research aims to answer the question “How can natural resources in Cherangani Hills Forests be used in a way and at a rate that maintains and enhances the biodiversity they harbour, the resilience of key habitats or ecosystems and the benefits they provide in the light of projected climate changes?”

Deliverables expected from the work of the National Project Coordinator are related to generating evidence and understanding in key forest, biodiversity, climate and human well-being interrelated output areas as follows:

1. Ecosystem Services Assessment of the Cherangani Forest Landscape
2. Restoration Opportunity Assessment and Mapping (ROAM) of the Cherangany Forest Landscape
3. Cherangany Forest Restoration Business Case
4. Ecosystem Based Adaptation Strategy and Action Plan
5. Participatory Forest Management Plans implemented by Community Forest Associations (CFAs)
6. Printed knowledge products
7. Disseminated knowledge products

Work Package 1: Ecosystem Services Assessment of the Cherangani Forest Landscape. Completed by end of year 1. Lead Expert: Dr Paul Muoria, Kenyatta University supported by Mr Paul Gacheru, Nature Kenya, Dr Dickens Odeny, GIS specialist, National Museums of Kenya, biodiversity experts from the National Museums of Kenya, socio-economic surveys by Kenya Forestry Research Institute, and Nature Kenya design team.

Work Package 2: Restoration Opportunity Assessment and Mapping (ROAM) of the Cherangani Forest Landscape completed by end of year 1. Lead Expert: Mr Paul Gacheru supported by Mr Rudolf Makhanu and Dr Paul Matiku of Nature Kenya. Dr Dickens Odeny of the National Museums of Kenya (NMK) to provide GIS mapping expertise.

Work Package 3: Cherangani Forest Restoration Business Case. Completed by end of year 2. Lead Expert Dr Paul Matiku of Nature Kenya supported by Dr Paul Muoria of Kenyatta University and Mr Paul Gacheru of Nature Kenya. An external consultant to be engaged to provide the business analysis and modelling.

Work Package 4: Ecosystem Based Adaptation Strategy and action plan to be completed by end of year 3. Lead Expert Mr James Mutunga supported by Ms Emily Mateche, Dr Paul Matiku and Mr Paul Gacheru of Nature Kenya. Consultant to be engaged to facilitate workshops and produce draft strategy for review and consultations.

Work Package 5: Participatory Forest Management Plans implemented by Community Forest Associations to be completed by year 3. Lead Expert Dr Mbuvi Musingo of Kenya Forestry Research Institute (KEFRI) working with Mr James Mwangombe of Kenya Forest Service (KFS) and supported by KEFRI experts and Nature Kenya’s Mr Rudolf Makhanu, Mr James Mutunga and Mr Paul Gacheru.

Detailed Coordination Tasks

A. Reporting, Supervising and Planning

1. Report to the Executive Director
2. Work closely with Species and Sites Manager, Local Action Manager, Policy and Advocacy Manager, Marketing and Membership Manager, Programmes Support Manager, Finance Manager and all other conservation programme staff, interns and volunteers.
3. Work closely with partner institutions and experts: KEFRI, KU, NMK, KFS, County Governments, CBOs and others.

B. Project and Programme Management and Reporting

1. Support the Executive Director to ensure the effective and efficient implementation of the GCBC and other assigned projects
2. Assist in producing workplans, budgets and quality reports meeting donor requirements
3. Guide field staff to effectively deliver planned project targets and outputs
4. Ensure reports of workshops and meetings are written, reviewed and are of good quality
5. Follow up reports from partner institutions and experts and ensure they are of good quality
6. Follow up and ensure full accounting of disbursed funds
7. Ensure transparency, accountability, zero appetite for theft and money laundering, and ensure this is replicated throughout the action chain

Work Package 1: Ecosystem Services Assessment of the Cherangani Forest Landscape

1. Coordinate with team leaders and supporters to develop detailed terms of reference and work descriptions, workplans, budgets and monitoring frameworks
2. Coordinate with field team and organize a startup workshop with project partners to agree methodologies and provide training in protocols for the Ecosystem Service Assessment for Cherangani: by month 4
3. Organize and/or convene meetings/workshops needed to carry out consultations to assess ecosystem services (e.g. discussions about utilization of water and other natural re-sources: by month 5
4. Develop detailed work descriptions, workplans and budgets for socio-economics experts to train local enumerators and carry out socio-economic fieldwork needed to assess the socio economics of ecosystem services provided by Cherangani: by month 8
5. Coordinate with the National Museums of Kenya and agree with biodiversity experts the approach and facilitate biophysical (biodiversity and sedimentation) fieldwork needed to assess the bio ecosystem services provided by Cherangani: by month 8
6. Provide the supported needed by the ecosystem services team to carry out carbon assessments of the Cherangani forests using EX-Ante Carbon-balance Tool (EX-ACT) applied by the FAO (<https://www.fao.org/in-action/epic/ex-act-tool/suite-of-tools/ex-act/en/>). Learn and apply the tool and file the results/records
7. Coordinate the writing of ecosystem service report, review the report and coordinate editing, layout and printing
8. Develop an Ecosystem Service Communication and Dissemination Plan and implement this throughout the project period

Work Package 2: Restoration Opportunity Assessment and Mapping (ROAM) of the Cherangani Forest Landscape by end of year 1

1. Coordinate all actions leading to a complete ROAM report
2. Review previous reports and document existing data and data gaps: by month 3 of year 1.
3. Carry out literature review as required by the ROAM process
4. Facilitate stakeholder consultations needed to collect the information and agreement for a complete ROAM report.
5. Provide support in the analysis of costs and benefits of landscape restoration interventions
6. Coordinate efforts and participate in the development of enterprise budgets estimate for the profitability for restoration enterprises by documenting the timing, quantity, and prices of management practices and inputs involved in the restoration enterprise as well as the up-front costs of implementation such as site preparation and seedling production and planting.
7. Coordinate the valuation of the ecosystem service flows using benefit transfer methods following previous ROAM studies. The benefit transfer method is used to estimate economic values for ecosystem services by transferring benefit estimates from published studies from other locations and contexts. In this case, the Tana Roam numbers will be used as a benchmark
8. Coordinate the development of a Monte-Carlo simulation to quantify the risks and variability in outcomes associated with each restoration activity. This will account for the variability in market prices for crops and fuelwood.
9. Coordinate the analysis of existing finance options and instruments that may be used in order to support restoration activities. Reach out to BBC research and consulting.

10. Learn and apply IPCC Tier 1 analysis to estimate the potential carbon benefits from each restoration intervention in the project area
11. Organize workshop and participate in the analysis of Rapid Restoration Diagnostic workshop results and development of actionable recommendations and strategies
12. Organize workshops for review and stakeholder validation of ROAM
13. Review ROAM report, coordinate with editors and designers and get the report printed.

Work Package 3: Cherangani Forest Restoration Business Case by end of year 2

1. Carry out a review of the downstream water uses of the Cherangani
2. Review the Ecosystem Service report and use values to summarize justification for why Cherangani should be conserved
3. Define the benefits and costs of continued degradation indicating clearly what will be lost by the beneficiaries
4. Study schemes operating downstream and document their dependencies on Cherangani. These will include provisioning (water, hydro power, food, biodiversity), regulating (climate, flood), cultural, or supporting ecosystem services
5. Organise stakeholder workshops to validate the business case (one each county in the Cherangany catchment to win wider community, business and government ownership)
6. Coordinate with editors and designers and get the business case printed.

Work Package 4: Ecosystem-based Adaptation (EbA) Strategy and Action Plan by end of year 3

1. Coordinate community meetings needed to assess ecosystem-based adaptation strategies. This will target Community profiling of Cherangani Community Forest Associations (CFAs), farmer groups and others to be targeted for socio economic assessments and evaluation of livelihoods strategies.
2. Support/coordinate targeted socio-economic assessments on livelihoods strategies and how they have been impacted by climate change and traditional adaptive measures. These will include agri-based value chains and farming techniques as well as household dependencies on forest goods and services
3. Write workshop reports and proceedings as needed to inform the ecosystem-based adaptation strategy
4. Develop ToRs for consultant(s) to support EbA work as needed and or agreed
5. Organize workshops to validate the Ecosystem-based Adaptation Strategy draft
6. Coordinate with editors, designers and printers and get the EbA report printed
7. Disseminate the EbA report widely

Work Package 5: Participatory Forest Management Plans implemented by Community Forest Associations to be completed by year 3

1. Develop a work programme for the National Museums of Kenya and coordinate biodiversity assessments
2. Coordinate with KEFRI to carry out forest resource mapping and assessments of the Charangani forests targeting forest management zones where CFAs have been allocated areas to manage.
3. Coordinate with GIS experts to map areas targeted for PFMP
4. Organize workshops for KEFRI/KFS to lead a participatory manner assessment of the drivers of degradation taking into account forests, biodiversity, landscapes, soils and others
5. Support and facilitate community meetings for KEFRI who will carry out studies on the human population adjacent to the forest through socio-economic surveys for CFAs households and their profiles
6. Support KEFRI/KFS by organizing workshops to develop participatory forest management plans (vision, objectives, zoning, forest resource mapping; management programmes (human resource development, security and protection, biodiversity, tourism and others); implementation and monitoring and evaluation and stakeholders and their roles and responsibilities.
7. Review the management plans, link with editors and designers and print the plans

C. Communication

1. Develop and implement a projects communication plan
2. Ensure efficient/effective communication of the project outcomes
3. Disseminate the GCBC knowledge products
4. Document the actions of the project and disseminate lessons through Nature Kenya publications, the media and other channels

D. General

1. Strive for personal and professional development by updating your knowledge and skills, and taking part in appropriate conservation-related activities outside the workplace
2. Maintain a safe, clean, organised and efficient personal work space and common areas
3. Any other reasonable duties as specified by the Executive Director