

Curriculum Vitae: Caroline Kimani

Nationality: Kenyan

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1. Key qualifications

Carbon Technical Expert with over 8 years of experience across Africa and Asia.

M.Sc. Range management (Socio-Ecology). Specializations include:

- carbon accounting, development and management in nature-based solutions and energy efficiency
- stakeholder engagement, free prior informed consent (FPIC), benefit sharing and safeguarding
- carbon validation and verification, carbon due diligence
- organizational carbon accounting/sustainability, supply chain insetting and value chain initiatives
- carbon strategy and policy
- accelerator program management
- biodiversity markets

Global experience: Participated in field missions, workshops, and worked across 15+ countries including Kenya, Sierra Leone, Zambia, Gabon, Egypt, Ghana, Nigeria, Zimbabwe, Liberia, Rwanda, Tanzania, Mozambique, Uganda, India, Botswana, UK, South Africa, Philippines

Extensive independent travel across France, Netherlands, Belgium, Germany, Luxembourg, Spain, Switzerland, Namibia, Malawi.

2. Education and relevant professional trainings

School, college and/or University Attended	Degree/certificate or other specialized education obtained	Date Obtained
UNFCCC	Technical Expert Reviewer Article 6	Ongoing
Gold Standard	Approved Auditor	2025
SustainCERT	Validator/Verifier (ISO 14064-3)	2025
UNFCCC	Technical Expert Reviewer LULUCF	2024
Freiburg University	Carbon Forestry	2024
University of British Columbia	Forest Carbon Management Micro Certificate	2024
UNDP	Operationalizing Article 6.2 of the Paris Agreement: Achieving ambitious climate action through cooperative approaches	2023
SGS India	ISO 14064 -1 & ISO 14064-2 Greenhouse Gas Accounting (GHG) & Lead Verifier	2023
University of Nairobi	MSc Range Management – Socio-Ecology	2022

Institute of Tourism Studies, Malta	Postgraduate Diploma in Climate Friendly Travel	2021
University of Nairobi	BSc Range Management	2017
Alliance Française	French B2	2012

3. Employment Record

Period	Employing organization	Role	Summary of responsibilities
2024-Present	Independent Consultant	Due Diligence Consultant at Xilva	Screen and carry out in depth reviews of pipeline projects for global investors and buyers.
		Carbon Auditor (Africa Regional Expert) at SustainCERT	Validation and verification of carbon projects across different sectors including waste disposal and handling, energy efficiency and renewable energy in Africa.
		Carbon Technical Consultant at Africa Carbon Partners	Leading the technical project development of projects in Nigeria and Kenya including assisted natural regeneration, REDD and biochar.
		Carbon Accounting Consultant at Forested	Developing an impact unit project for a cosmetic company seeking to generate GHG removals within their shea butter supply chain under SustainCERT's Value Chain Initiative for use as (carbon) insets.
2024 - 2024		Technical Consultant for various other clients such as Mercy Corps, Marubeni Corporation, Nature Finance etc.	Provided technical expertise in carbon pre-feasibilities and strategy, <u>biodiversity markets</u> in Africa across Sub-Saharan Africa
2024-2025	Climate Action Platform Africa (CAP-A)	Carbon Technical Expert (Consultant)	Co-developed Zambia carbon benefit sharing guidelines Co-leading the sourcing and screening of potential investment opportunities in Africa.
2023 - 2024	Earthbanc	Carbon Development Manager	Manage the technical development of afforestation, reforestation and revegetation carbon projects in India and Kenya.
2021 - 2023	Ecossecurities	Carbon Developer -Technical Lead, Africa	Led the technical team developing REDD, afforestation and reforestation projects, agricultural projects and energy efficiency in Sub-Saharan Africa.
2020 - 2022	Strong Earth Network (SUNx), Malta	Climate Registry (Sustainability) Manager	Guide tourism and conservation stakeholders in developing climate action and sustainability plans within the Europe, Middle East and Africa regions under the Climate Friendly

			Travel to Zero (CFT2Z) initiative.
2021 - 2021	Kenya Agricultural and Livestock Research Organization (KALRO)	Geospatial Consultant	Developed land use change maps over a 5-year period in agricultural zones across Kenya to inform crop stratification and phenology for farm intelligence decisions.
2020 - 2021	Africa One Health University Network (AFROHUN)	Ecology Consultant	Systematic review of policies and publications that focus on the cross sectoral themes of one health i.e., the human-animal-environment interface.
2019 - 2020	African Dryland Institute of Sustainability.	Field Supervisor	Management of field staff for qualitative research on the socioeconomic, environmental, and human rights impacts of the Lamu Port-Southern Sudan-Ethiopia Transport (LAPSSET) corridor on livelihoods of communities in Kenya.
2019 - 2020	Centre for Advanced Studies on Environmental Law and Policy (CASELAP)	Project Officer	Quantitative data collection using Redcap and analysis for air pollution research within Nairobi County.
2017 - 2018	Danish Refugee Council	Livelihoods and Resilience Fellow	Developed a case study to capture lessons during the pilot phase of the Dryland Resilience Design (Agro-Ecology) Project in Northern Kenya.
2018 - 2018	Colorado State University - The East African International Research Experience for Students	Research Mentor	Mentoring undergraduate students from Colorado State University in conducting research on water accessibility and quality, human-wildlife conflict, and ethnobotany.
2016 - 2016	Kibwezi Field Station - University of Nairobi	Field Assistant Intern	Supported projects in livestock production, horticulture, fisheries, vermiculture, rangeland restoration and pasture production

4. Selected projects/consultancies

Organization, location, and date	Work/projects Undertaken
SustainCERT Kenya, Ethiopia, Burundi, South Africa, Botswana 2025 -Present	Technical Expert, Africa auditing carbon projects across various carbon standards such as VCS and Gold Standard <ul style="list-style-type: none"> • Verification of a waste management project under VCS ACM0022 • Verification of a clean cooking grouped project under VCS' VM0050 • Validation of solar projects under Gold Standard and VCS
Forested	Technical consultant for a value chain initiative project in the shea butter supply chain

Uganda 2024 - Present	<ul style="list-style-type: none"> • Develop impact unit model accounting for the GHG removals and emission reductions within the shea supply chain using Gold Standard and VCS methodologies • Develop the intervention design document (IDD) under SustainCERT's Value Chain Initiative • Lead the baseline data collection for the development of the IDD and carbon accounting
Africa Carbon Partners Nigeria, Kenya 2024 - Present	<p>Leading carbon development of a portfolio of ARR and biochar projects in Nigeria and Kenya</p> <ul style="list-style-type: none"> • Provide guidance on drafting the PDD and specific elements where the client has knowledge gaps such as carbon modelling • Leading the FPIC development for an ARR project spanning 670,000 hectares in Nigeria (VCS 5308) • Support feasibility studies, design and MRV of various portfolio projects in ARR (assisted natural regeneration, agroforestry) and biochar using invasive woody species
Climate Action Platform-Africa Sub-Saharan Africa 2023 - 2025	<p>Co-leading the sourcing and screening of potential investment opportunities by evaluating climate technologies, business models and market potential for various carbon products.</p> <ul style="list-style-type: none"> • Managing the Africa Carbon Accelerator Program seeking to be a springboard for African carbon developers and dMRV providers • Lead the scoping for the small holder carbon asset class providing climate solutions • Study on <u>benefit sharing mechanism narratives in Africa</u> with case studies in Zambia and Kenya
Mercy Corps Eastern Africa 2024	<p>Leading a carbon finance project scoping in rangeland and livestock management, regenerative agriculture and energy access</p> <ul style="list-style-type: none"> • Identify the activities with the highest potential for carbon project development. • Advise on changes to approaches or techniques that would be needed to align with Gold Standard and VCS methodologies or standards. • Model carbon credit generation potential
Nkwichi Fire Management Project Mozambique 2024	<p>Leading a pre-feasibility study of a fire management carbon project in the Miombo woodlands of Mozambique</p> <ul style="list-style-type: none"> • Scoped existing methodologies and selecting the most suitable based on the proposed project activities • Estimated the baseline emissions, project emissions, leakage emissions and net emissions reductions from fire management • Described the additionality, risks and regulatory landscape of the project
Nature Finance	<p>Developing a scoping report on biodiversity markets in Africa</p> <ul style="list-style-type: none"> • Provided expert input to inform secondary and primary research,

Africa 2023 - 2024	<ul style="list-style-type: none"> including stakeholders for outreach, relevant projects and policies, methodologies, among other areas Prepared for and participate in internal and external client meetings, and stakeholder consultations Reviewed and input on draft deliverables, including preparation materials for COP28, the Annotated Outline, and initial as well as revised drafts of the draft and final reports
Planet Moja Kenya 2023 - 2024	<p>Scoping different carbon opportunities and providing strategic advise on decisions related to carbon finance</p> <ul style="list-style-type: none"> Provided advise on the carbon potential of various carbon opportunities such nature based solutions and tech-based projects, their unit costs, crediting and issuance periods, and risk profile
Earthbanc India, Kenya 2023	<p>Manage the technical carbon development of portfolio afforestation, reforestation and revegetation carbon projects</p> <ul style="list-style-type: none"> Manage the development processes including implementing partners, communities, VVBs in Kenya and India VCS 4626 under CDM AR ACM0003 methodology and Gold Standard A/R methodology Conduct capacity-building sessions internally and for project partners to build knowledge on carbon development processes and every department's role Provide GIS (Geographic Information systems), Google Earth Engine, and technical guidance as per methodology requirements
UN Capital Development Fund and Clean Cooking Alliance Global 2023	<p>Digital Innovation Mentor for the Digital Innovation Challenge providing finance and improved transparency for clean cooking companies.</p> <ul style="list-style-type: none"> Ensure that the mentee enterprise's (Offset Farm's) pitch contained sufficient clarity and detail for the pitch before the jury and identify weak points in the business models and how these could be strengthened
Ecossecurities Kenya, Nigeria, Ghana, Zambia, Sierra Leone, Rwanda, Liberia, Gabon, Egypt 2021-2023	<p>Led the technical team developing REDD, afforestation and reforestation projects as well as agricultural projects in Sub-Saharan Africa.</p> <ul style="list-style-type: none"> Led carbon development in various methodologies including Avoided Unplanned Deforestation and Degradation, Avoided Planned Deforestation and Degradation, Afforestation Reforestation and Revegetation, Biochar, Improved Cookstoves, Solar Home Systems and Water Filtration based in VCS, Gold Standard, CDM and CCB standards. Coordinated the carbon technical team within Africa region, managing a diverse portfolio of carbon projects in Kenya, Zambia, Nigeria and Sierra Leone (VCS 4255) while collaborating with teams in Africa, South America, Europe and Asia Pacific Developed over 1.8 million ha of forest conservation projects and over 35,000 ha of afforestation and reforestation projects providing multiple co-benefits for biodiversity and communities

	<ul style="list-style-type: none"> Conducted GIS and satellite image analysis for nature-based solutions projects, based on approved methodologies using ArcGIS, QGIS, R, and Google Earth Engine
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5. Languages

Language	Speaking	Reading	Writing
Kikuyu (Mother tongue)	Fluent	Fluent	Fluent
English (Official)	Fluent	Fluent	Fluent
Swahili (Native)	Fluent	Fluent	Fluent
French	Basic	Basic	Basic

6. References

Henk Harmsen, PhD

Email: henk@carbonmetrics.com

Current role: Former Principal Climate Specialist, SustainCERT

Relationship: Supervisor at EcoSecurities

Ash Berman

Email: adberman89@gmail.com

Current role: Africa Carbon Lead, Conservation International

Relationship: Supervisor at Climate Action Platform- Africa

Harry Masters

Email: harry@advancinggreen.com

Current role: Director, Advancing Green

Relationship: Collaborated on biodiversity market scoping assignment for Nature Finance