

CURRICULUM VITAE

Position Title	Senior RECP and Sustainability Expert
Name of Expert:	Evans Nangulu
Date of Birth:	6th March 1982
Country of Citizenship / Residence	Kenya

1. Personal profile

A hardworking professional with 10 years of work experience. I am self-driven, ambitious, innovative, analytical, a fast learner, and pride myself as a true team player with good interpersonal skills. I possess a great desire and drive to prosper in all work that I venture into.

I have been privileged to work in various capacities ranging from a trainer, projects manager, technical assistant, field work team leader and environmental and sustainability expert for project funded by the world Bank, UNIDO, UNEP, DANIDA, GIZ, SIDA, the Kenya's Ministry of Industrialization and Enterprise Development (MI&ED) and the Ministry of Environment Water and Mineral Resources. (MEW&MR).

I have been extensively introduced to various training, project management, monitoring and evaluation tools developed by UNEP, UNIDO and the World Bank and their implementation in the service and manufacturing industry. Having exposed to both local and global standards, I have gained relevant experiences that have prepared me to be an asset in managing organization's complex and dynamic needs while enhancing a leading edge in competitive advantage.

2. Education:

Institution (Date from - Date to):	Degree(s) or Diploma(s) obtained:
University of Nairobi (1018-Date)	Doctor of Philosophy (Ph.D.) in Environmental Chemistry
University of Nairobi (2015-2018)	Master of Business Administration in Operations Management
University of Nairobi (2009-2014)	Master of Science in Environmental Chemistry
University of Nairobi (2001-2005)	Bachelor of Science in Chemistry

3. Other Training:

- **December 2016:** Training on Climate Financing and project development by GIZ in Morocco
- **March - July 2016:** Training on Green industry; Pathways towards Sustainable Industrial Development by UNIDO.
- **Nov 2015 - March 2016:** Training on Environmental and Social Risk Management for the financial sector and IFC Performance Standards by the World Bank International Finance Corporation (IFC) in collaboration with the Kenya Bankers association (KBA); Nairobi Kenya.
- **Oct 2015:** Training on Sustainable Finance Initiatives: by the World Bank International Finance Corporation (IFC) in collaboration with the Kenya Bankers association (KBA); Nairobi Kenya.
- **Sept 2015:** Training on Resource Recovery by GIZ in Germany.
- **Nov 2015:** Training on Chemicals Inventory and Supply Chain Management by Sandia International and the Chemicals Society of Kenya; Mombasa Kenya.
- **Nov 2012:** Capacity development for promoting a Resource Efficient and Environment Oriented Private Sector in Berlin Germany by UNIDO and GIZ.
- **Nov 2012:** Training on the Transfer of Environmentally Sound Technology methodology in the hospitality industry in Mombasa Kenya by UNIDO.

- **July 2011:** Climate Leaders Training by 350.Org in collaboration with African Youth Initiative on Climate Change (AYICC).
- **Oct 2010 - Feb 2011:** Advanced International Training Programme in Transboundary Water Management for the Lake Victoria region at SIWI and Ramboll Natura in Sweden.
- **March 2009 - March 2010:** Training on Clean Development Management (CDM) capacity building and project development by The Swedish Energy Agency.
- **July 2009:** International Training on Industrial Automation for Sustainability. At Sirim Berhad under the Malaysian Technical Cooperation programme (MTCP) in Malaysia.
- **March 2008:** Training on Implementation of ISO 14001:2004 (EMS) at the Kenya Bureau of Standards (KEBS).
- **Oct - Nov 2007:** Training in Environmental Impact Assessments (EIAs) and Audits (EAs) technical Course for practitioners. NEMA lead expert Practicing license Number 1951.

4. Employment record

Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment
Oct 2007 to Date	Kenya National Cleaner Production Centre RECP Expert For Reference: Dr. Jane Nyakang'o Director Kenya National Cleaner Production Centre (KNCPC) P.O Box 1360-00200, Nairobi Telephone No: +254 733 629 824 Email: jnyakango@cpkenya.org	Kenya	<ul style="list-style-type: none"> • Implementation and management of Donor funded projects. • Projects Monitoring and Evaluation. • Proposals development for funding. • Carrying out Resource Efficient and Cleaner Production Assessments/audits in public and private sectors. • Conducting Strategic and Environmental Impact Assessment (SEA, EIA) and audits projects. • Clean Development Mechanism project development and documents design. • Management of research activities and projects at the Center. • Establishing awareness on Resource Efficiency and Cleaner Production (RECP) and Occupational Health and Safety (OHS) through Trainings, Seminars and Workshops. • Responsible for environmental/ field research and report writing. • Involved in Natural Resources GIS remote sensing Projects.

April 2006 - Oct 2007	Ivory Consult Ltd Laboratory Chemist For Reference: Name: Clive Wafukho Position: Director Phone or mail: 0723765712	Kenya	<ul style="list-style-type: none"> • Developed laboratory SOP's and other documentations for NEMA accreditation • Responsible for the analyses of water/wastewater samples using sophisticated analytical equipment • Presented safety policies and procedures in monthly meetings and performed internal audits of the lab. • Housekeeping, chemical inventory etc. • Preparation of laboratories monthly reports and reporting to the Manager. • Procurement of laboratory chemicals and glassware etc.
Feb 2005 - Feb 2006	University of Nairobi Natural Products Research Laboratory Research Assistant For Reference Name: : Prof Jacob Oyoo Midiwo Position: Professor Phone or mail:jmidiwo@uonbi.ac.ke		<ul style="list-style-type: none"> • Identification and extraction of plant materials. • Isolation, characterization of the extracted materials using GC/MS, GC, HPLC techniques. • Testing for the anti-plasmodia activity of the isolated compounds. • Structural elucidation of the isolated pure compounds. • Spectra data analysis and result presentation.

5. Skills Gained

- **Development and Operational Effectiveness:** Ability to lead strategic planning, results-based management and reporting. Ability to go beyond established procedures and models, propose new approaches which expand the range of programmes.
- **Monitoring and Evaluation:** strong ability to design, build and operate a comprehensive Programme /project management, monitoring and evaluation system based on best practice.
- **Project Management:** Ability to lead a team, manage and coordinate the planning, budgeting, implementation and business development activities of a project.
- **Research Skills:** I am able to source required information, evaluate and present the findings to completion of my tasks.
- **Flexibility and Adaptability:** I am a flexible team player who thrives in environments that require ability to effectively prioritize and juggle multiple concurrent tasks. I am also very positive, resilient and open to new ideas.
- **Communication Skills:** I am an excellent communicator who effectively conveys information both verbally and in writing. I am also a keen listener and gives prompt feedback.
- **Planning and Organizing:** Ability to identify and prioritize activities and assignments, make necessary adjustments as required; foresee risks and allow for contingencies when planning.

6. Professional achievements

- Successfully managed; donor funded projects, risks, costs and project teams
- Developed quality standards for better quality performance and reliability
- Develop good working relationships with stakeholders at all levels to build consensus

7. Membership in Professional Associations

- International Union of Pure and Applied Chemistry (IUPAC).
- Registered Environmental Impact Assessment and Audit Lead Expert with Kenya National Environment Management Authority (NEMA)- Reg No. 1951.
- Kenya Chemicals Society.
- Registered trainer with the Professional Trainers Association of Kenya (PTAK) - Reg No. 0853.
- Lead expert with the Environment Institute of Kenya (EIK) - Member No.1000218.
- Technical committee Member for Paints and coatings at the Kenya Bureau of Standards

8. Project Management Experience

- Project officer to the “Engaging Private Sector for Green Growth in the Lake Victoria Basin Project” (EPSGG-LVB), financed by the Nordic Development Fund (NDF), through the World Bank (WB) and the East Africa Community (EAC) - Lake Victoria Basin Commission (LVBC)
- Project Manager to the piloting of the UNIDO PRE-SME and responsible production toolkit in the chemical industry in Kenya.
- Project Manager to the UNIDO “Low carbon and climate resilient Industrial Development” project in Kenya.
- Technical assistant to UNEP “Mainstreaming Sustainable Consumption and Production Policies for Eco-Innovation” project in Kenya.
- Project Manager to the UNEP, Safe chemicals handling, transportation and storage in Kenya
- Project Manager to the Woman and Climate Change project funded by DANIDA.
- Technical Expert for the Lake Victoria Environmental Management Programme Phase and II (LVEMP I and II) funded by World Bank and SIDA.
- Project Manager to the UNIDO Collaborative Action for Sustainable Tourism (COAST) project.
- Technical Manager at UNIDO during the 2013 South-South Corporation Exposition.
- Resource Efficient and Cleaner Production Expert to the Ministry of Industrialization/ DANIDA Business Sector Programme Support (BSPS).
- Project Manager to the UNEP –DTIE Eco-Labeling Project
- Senior Cleaner Production expert to the UNEP-ROA –Resource Efficiency and Cleaner Production Project in the tea, sugar, textile and fish sectors.
- Technical Assistant at UNEP Integrating Resource Efficiency and Cleaner Production with ISO - 14001 in selected Manufacturing and Service Industries (Resource-Smart Program).

9. Language skills:

Language	Reading	Speaking	Writing
English	Excellent	Excellent	Excellent
Swahili	Excellent	Excellent	Excellent

10. Experience in Environmental and Social Impact Assessment: *(Only few detailed)*

Detailed Tasks Assigned on Consultant's Team Experts:	Reference to prior Work / Assignments that Best Illustrate Capability to Handle the Assigned Tasks
Please Refer to Task Assignment Chart in Section TECH-6	<p>Project name: Strategic Environmental Assessment (SEA) scoping report for the proposed Nairobi hospital expansion Master plan</p> <p>Year: 2013</p> <p>Duration: 5 months</p> <p>Location: Nairobi</p> <p>Client: The Nairobi Hospital</p> <p>Main project features: The Nairobi hospital master plan was a proposal for a construction of the following facilities within their 21 acre piece of land.</p> <ul style="list-style-type: none"> • Specialist referral centers • General city hospitals, • Family health care facilities (in patient), • Family outpatient clinics and • Diagnostic and therapeutic centers • Access roads • Parking silos <p>Position held: Technical Expert/ Lead Expert</p> <p>Activities performed:</p> <ul style="list-style-type: none"> • Provided technical guidance and overall steering of the assignment • Responsible for the project design, delivery and Monitoring and Evaluation (M&E). • Development of data collection tools, preparatory tasks, mobilisation and logistics. • Literature review (data, baseline conditions and Plans, Policies and Programs) • Sites visits to project area and stakeholder mapping • Identification of key issues in consultations with stakeholders. • Alternative plan identification • Quality assurance of the whole exercise • Preparation of the scoping report • Submission of the reports to NEMA for approval <p>Financed by: The Nairobi Hospital</p> <p>Contractor: Not Disclosed</p> <p>Works Contract Value: Ksh. 1.2 million</p>
	<p>Project name: EIA Report for the proposed extension of new consulting rooms for doctors, renovation of ICU, St Georges, North wing and administration offices</p> <p>Year: 2012</p> <p>Duration: 3 months</p> <p>Location: Nairobi</p> <p>Client: The Nairobi Hospital</p>

	<p>Main project features: The project involved extending of the already existed new consulting rooms for doctors, renovation of ICU facility, and construction of new administration offices</p> <p>Position held: Technical Expert/ Lead Expert</p> <p>Activities performed:</p> <ul style="list-style-type: none"> • Project Site visits and preparing and terms of reference • Literature review, examination of legal/regulations aspects development and testing of data collection tools • Baseline studies & Consultation and Public Participation • Impact identification & analysis; development of mitigation measures and Environmental Management Plan • Report writing • Submission of EIA Report to NEMA <p>Financed by: The Nairobi hospital</p> <p>Contractor: Not Disclosed.</p> <p>Works Contract Value: Ksh. 650,000</p>
	<p>Project name: EIA Project Report for the Proposed construction of new service block for catering, laundry, maintenance and Boilers</p> <p>Year: 2010</p> <p>Duration: 5 months</p> <p>Location: Nairobi</p> <p>Client: The Nairobi Hospital</p> <p>Main project features: The construction of new service block for catering, laundry, maintenance and Boilers section</p> <p>Position held: Technical Expert / lead Expert</p> <p>Activities performed:</p> <ul style="list-style-type: none"> • Project Site visits and preparing and terms of reference • Literature review, examination of legal/regulations aspects development and testing of data collection tools • Stakeholders mobilization • Impact identification & analysis; development of mitigation measures and Environmental Management Plan • Report writing • Submission of EIA Report to NEMA <p>Financed by: The Nairobi Hospital</p> <p>Contractor: Not Disclosed</p> <p>Works Contract Value: Ksh. 600,000</p>
	<p>Project name: Consultancy Services for an environmental impact assessment (EIA) full study report for the proposed construction of detergent and beverage plant</p> <p>Year: 2013</p> <p>Duration: 5 months</p> <p>Location: Thika</p> <p>Client: Bidco oil Refineries Ltd</p> <p>Main project features: Detergent plant</p>

	<p>This plant was to have 6 lines for powder detergent manufacturing. The plant's main production process will be a sulphonation process.</p> <p>The manufacturing include the following process:</p> <ul style="list-style-type: none"> a) SO₃ Production b) Sulphonation Unit c) Spray Drying <p>2. Beverage manufacturing plant</p> <p>The plant was to have 2 processing lines with each line of capacity of 24,000 bottles per hour.</p> <p>The following categories of beverages are being produced currently :</p> <ul style="list-style-type: none"> • Nectars with fruit, • Non-carbonated soft drinks with fruit, • Syrups with fruit content, • Smoothies without milk. • Carbonated soft drinks, • Energy drinks, • Milk drinks, including smoothies with milk; • Water <p>Non-carbonated soft drinks without fruit include:</p> <ul style="list-style-type: none"> • Syrups without fruit • Enhanced water • Coffees (Iced or not) • Iced Teas • Sport drinks with or without fruit, <p>In general these beverages are classified into Still Drinks (Non-carbonated), Carbonated soft drinks and Water</p> <p>Position held: Technical Expert/ Lead Expert</p> <p>Activities performed:</p> <ul style="list-style-type: none"> • Site visits and preparing a scoping report & terms of reference • Literature review, examination of legal/regulations aspects development and testing of data collection tools • Stakeholders mobilization • Impact identification & analysis; development of mitigation measures and Environmental Management Plan • Report writing • Submission of full study Report to NEMA <p>Financed by: Bidco oil Refineries Ltd</p> <p>Contractor: Not Disclosed</p> <p>Works Contract Value: Ksh. 800,000</p>
	<p>Project name: Consultancy Services for the proposed construction of five (5) Storage warehouses in Nkauru plant</p> <p>Year: 2010</p>

	<p>Duration: 3 months</p> <p>Location: Nakuru</p> <p>Client: Bidco oil Refineries Ltd;</p> <p>Main project features: The EIA was done for Nakuru's Bidco Elianto plant for a construction of five new warehouses within their plant.</p> <p>Position held: Technical expert/ Lead Expert</p> <p>Activities performed:</p> <ul style="list-style-type: none"> • Project Site visits and preparing and terms of reference • Literature review, examination of legal/regulations aspects development and testing of data collection tools • Stakeholders mobilization • Baseline studies & Consultation and Public Participation • Impact identification & analysis; development of mitigation measures and Environmental Management Plan • Report writing • Submission of EIA Report to NEMA <p>Financed by: Bidco oil Refineries Ltd;</p> <p>Contractor: Not Disclosed</p> <p>Works Contract Value: Ksh. 250,000</p>
	<p>Project name: Full study Environmental Impact Assessment For The Proposed 2125 Kw Co-Generation Biomass Power Plant</p> <p>Year: 2011</p> <p>Duration: 5 months</p> <p>Location: Thika</p> <p>Client: Bidco oil Refineries Ltd</p> <p>Main project features: The full study was done for the Proposed 2125 Kw Co-Generation Biomass Power Plant by bidco</p> <p>Position held: Technical expert/ lead expert</p> <p>Activities performed:</p> <ul style="list-style-type: none"> • Site visits and preparing a scoping report & terms of reference • Literature review, examination of legal/regulations aspects development and testing of data collection tools • Baseline studies & Consultation and Public Participation - this are not fixed as it will depend on scope of the project to be done. • Impact identification & analysis; development of mitigation measures and Environmental Management Plan • Report writing • Submission of draft full study report • Incorporation of comments & Submission of final report <p>Financed by: Internal financing</p> <p>Contractor: Withheld</p> <p>Works Contract Value: Ksh. 780,000</p>

	<p>Project name: Consultancy services for the proposed construction of office block for Kenya Bureau Of Standards (KEBs), in Eldoret and Kisumu</p> <p>Year: 2013</p> <p>Duration: 3 months</p> <p>Location: Eldoret and Kisumu</p> <p>Client: Kenya Bureau of Standards</p> <p>Main project features: Construction of office block for Kenya Bureau of Standards (KEBs), in Eldoret and Kisumu</p> <p>Position held: Team Leader / lead expert</p> <p>Activities performed:</p> <ul style="list-style-type: none"> • Provided technical guidance and overall steering of the assignment • Responsible for the project design, delivery and Monitoring and Evaluation (M&E). • Development of data collection tools, preparatory tasks, mobilisation and logistics. • Literature review (data, baseline conditions and Plans, Policies and Programs) • Sites visits to project area and stakeholder mapping • Identification of key issues in consultations with stakeholders. • Alternative plan identification • Quality assurance of the whole exercise • Preparation of the scoping report • Submission of the reports to NEMA for approval <p>Financed by: Kenya Bureau of Standards</p> <p>Contractor: Withheld</p> <p>Works Contract Value: Ksh. 1.1 milion</p>
	<p>Project name: Environmental Impact Assessment Project Report For The Limestone Exploration Project At Kanziko Location, Mutomo District</p> <p>Year: 2010</p> <p>Duration: 4 months</p> <p>Location: Kanziko Location, Mutomo District</p> <p>Client: East African Portland Cement Company;</p> <p>Main project features: Limestone Exploration for mining purposes</p> <p>Position held: Lead Expert</p> <p>Activities performed:</p> <ul style="list-style-type: none"> • Provided technical guidance and overall steering of the assignment • Responsible for the project design, delivery and Monitoring and Evaluation (M&E). • Project Site visits, convening meetings, preparing terms of reference • Literature review, examination of legal/regulations aspects development and testing of data collection tools • Baseline studies & Consultation and Public Participation

	<ul style="list-style-type: none"> • Impact identification & analysis; development of mitigation measures and Environmental Management Plan • Report writing • Submission of EIA Report to NEMA <p> Financed by: East African Portland Cement Company; Contractor: East African Portland Cement Company; Works Contract Value: Ksh. 450,000 </p>
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Expert's contact: e-mail: nangulu@cpenya.org , nangulu.evans@gmail.com ; phone : +254 720 530 687

11.Certification:

I the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

Evans NANGULU

Date: 21/08/2019

Name of Expert

Signature

Day / Month / Year

DR. Jane Nyakang'o'

Date:21/08/2019

Name of Authorized Representative

Signature

Day / Month / Year