



## CONTACT

### ADDRESS:

Beursstraat 85, 8253 GG Dronten,

### PHONE:

+31 623023832

### EMAIL:

[Kmarrien@gmail.com](mailto:Kmarrien@gmail.com)

### WEBSITE:

<https://blog.kalapula.online/>

### LINKEDIN:

<https://www.linkedin.com/in/marrien-bartels-77902699/>

## PROFESSIONAL DEVELOPMENT

**Certificate:** Nature-Based Solutions for Disaster and Climate Resilience | UNEP/PEDRR | 2023

**Diploma:** Project Management | International Business Management Institute, Berlin Germany | 2023

**Certificate:** Urban Environment, Sustainability and Climate Change, Erasmus University Rotterdam, Rotterdam, Netherlands, 2021

**Certificate:** Transitioning to Complex Risk Management and Resilient Urban Futures | World Bank, UNDRR, UNSSC, WHO | 2022

**Certificate:** Risk reduction planning for resilient and healthy cities in the post-COVID-19 era | World Bank, UNDRR, UNSSC, WHO | 2022

**Certificate:** Studying Cities: Social Science Methods for Urban Research, Erasmus University Rotterdam, Rotterdam, NL, 2021

**Certificate:** Planning, Monitoring, and Evaluation, University of Zambia, Lusaka, ZM, | 2015

**Certificate:** Enhancing Public Policy | Vision Africa | 2015

## SKILLS

- Sustainability Reporting

## MARRIEN KALAPULA BARTELS

### Development and Environmental Sustainability Professional

## SUMMARY

A Development and Environmental Sustainability professional with over a decade of experience in project development and management and developing and implementing sustainability strategies.

## EDUCATION

- Master of Science in Urban Management & Development: Urban Environment, Sustainability and Climate Change, Erasmus University Rotterdam, Rotterdam, Netherlands, 2021
- Master of Science in Spatial Planning, The University of Zambia, Zambia, 2019
- Bachelor of Arts with Education in Geography and Environmental Studies, University of Zambia, Lusaka, Zambia, 2012

## WORK EXPERIENCE

### Sustainability and Liaison Consultant | Coconstruction Startup Rotterdam, The Netherlands September 2022 – To October 2024

#### Responsibility:

Development of the company's sustainability strategy, integrating ESG and SDG principles into the core business strategy; Investor & stakeholder engagement; Sustainability project development; R&D, Subsidy and Investment application & Administration; Administrative support.

#### Achievements:

- Developed and integrated ESG and SDG principles into the company's sustainability strategy.
- Led the development of the Coconstruction3D PBR Marine Restoration project, securing UNESCO Ocean Decade Project Endorsement and potential funding of €7M.
- Designed Coconstruction's business strategy improvement project and independently secured €75K Women TechEU grant funding.
- Represented Coconstruction at the 2022 EU Cleantech Forum, engaging investors and securing €250K investment funding from Blue Reef Capital.
- Developed the Ocean-Based Natural Assets project, winning the Katapult Ocean Accelerator Challenge and 50CAD - 150CAD investment
- Designed the Coconstruction Blue & Green Economy Conservation project, winning the UN AWAKE Tourism Challenge and representing the program in Switzerland.
- Prepared and managed budgets for all developed projects and grant applications, ensuring financial efficiency and alignment with funding objectives.
- Revamped the company's LinkedIn marketing strategy, increasing followers from 150 to 2,000 and boosting its visibility.

### Individual Consultant/Project Assistant | UNDP / Mindshift Matters: Barcelona, Spain December 2023– To March 2024

Provided technical support for the development of the Long-Term Low Emissions Development Strategy (LT-LEDS), a UNDP decarbonization strategy project in Eswatini.

#### Achievements:

- Independently developed and submitted the Stakeholder Engagement Framework and the Monitoring and Evaluation Framework structure for the Eswatini LT-LEDS.
- Supported in other activities such as setting the vision, identification of key sectors, setting up indicators and targets for the Eswatini LT-LEDS, and designing strategies for the implementation of the LT-LEDS

### Project Manager European Chapter | Women in Cleantech and Sustainability Rotterdam, The Netherlands May 2022 – June 2023

- Strategy Development
- Strategy Consulting
- Biodiversity conservation
- Project Planning & Management
- Policy Development /Policy Review

#### HOBBIES

- Blogging on sustainability topics
- Remote sustainable farming
- Solving Puzzles
- Traveling
- Watching movies

#### LANGUAGES

English	Close to native level
Dutch	A2

- Coordinated WCS projects aimed at Sustainability promotion, diversity, and social inclusion.
- Supported organizing WCS talks on various sustainability topics (ESG, diversity, and social inclusion).

#### Sustainability Development Planner/ Coordinator

##### Ministry of Local Government – (Chinsali and Mumbwa) 2017-2020

- Developed and implemented sustainability strategies focusing on climate adaptation/mitigation and environmental stewardship
- Conducted sustainability and environmental impact assessments
- Ensured compliance with environmental laws including ISO 14001 standards by integrating Environmental Management Systems into project planning and Environmental Impact Assessments (EIAs).
- Led the preparation of institutional work plans and Medium-Term Expenditure Framework MTEF budgets (Activity Based Budgets (ABB)/ Output Based Budgets (OBB)).
- **Key Achievements:** Lundazi Strategic Plan 2014-2018, Chinsali Strategic Plan 2018-2022, Chinsali Local Economic Development (LED) Strategy 2019, Mumbwa Strategic Plan Review 2020
- Conducted sustainability reporting, data collection, analysis, and reporting on KPIs and impact in line with the Paris Agreement, SDGs, and the Nationally Determined Contributions.
- Managed various projects running simultaneously across diverse sectors. **Key projects managed:**
  - **Project manager:** World Bank/ADB-funded project on Strengthening Climate Resilience in the Kafue Basin (SCRKA, Zambia in 2020 -For climate adaptation.
  - **Program coordinator:** Finnish Government funded sustainable forest management project: Decentralised Forestry and Other Natural Resource Management Programme (DFNRMP) in Chinsali, Zambia- 2018-2020
  - **Project manager:** Swedish-ICLD funded women empowerment for climate adaptation project in Chinsali-A municipal partnership between Pitea municipality in Sweden & Chinsali municipality in Zambia.
  - **Project Coordinator:** Plant a Million Trees and Keep Zambia Clean and Green projects for climate mitigation.
- Prepared and managed budgets for all projects, including grant retirement and donor reporting

##### Research Consultant/Project Assistant | NORC at the University of Chicago, USA | 2020

- Functioned as a project assistant and research consultant for NORC at the University of Chicago for the USAID project- Local Governance Impact in Zambia.
- Executed various tasks including; Liaising between NORC and its diverse stakeholders; Project planning and budgeting; Preparation of data collection tools and data collection; Preparation of reports and submitted to the client (NORC); procurement of services.

##### Research Consultant/Project Assistant | Anchcon | 2017

- Functioned as a Liaison between the client and its various stakeholders for the project aimed at constructing modern and sustainable markets.
- Executed various tasks including; Conducting a feasibility study for the establishment of modern sustainable markets in Chinsali and Mansa Towns; Data Collection and analysis; Reporting; Produced reports and submitted to the client (Anchcon).

#### Physical/Environmental Planner

##### Ministry of Local Government –Lundazi Town Council, 2013 – 2017

- Developed environmental project briefs and conducted environmental assessments throughout project lifecycles, contributing to the preparation of Environmental Impact Assessment (EIA) reports.
- Ensured compliance with environmental laws including ISO 14001 standards by integrating Environmental Management Systems into project planning and Environmental Impact Assessments (EIAs).
- Integrated climate change and sustainability principles into development plans, aligning with the UN MDG-SDG localization framework.
- Coordinated development projects, ensuring compliance with environmental and planning standards.
- Enforced public policy by implementing Town Planning and Land Management laws, including the Zambia Town and Country Planning Act, Zambia Lands Act, and Environmental Management Policy.
- Participated in the preparation of institutional work plans and Medium Term Expenditure Framework MTEF budgets (Activity Based Budgets (ABB

## **INTERNSHIP**

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### **BCG Climate & Sustainability Job Simulation on Forage – December 2024**

- Completed a carbon emissions analysis simulation for the Sustainability Team, using Excel to calculate baselines, and comparing data from the CDP database for accuracy.
- Analyzed and recommended carbon reduction initiatives for the BCG client to achieve Net Zero, considering effective Scope 3 strategies.

### **BCG Introduction to Strategy Consulting Job Simulation on Forage - January 2025**

- Learned how to think creatively by challenging the assumptions that guide today's thinking.
- Used effective brainstorming strategies to generate ideas to help a fictional luxury clothing company increase sales revenue.

### **Climate Change & Energy Action Intern**

**Organization: ICLEI - Local Governments for Sustainability - Bonn, Germany**

**Period: May 2021 – August 2021**

- Functioned as a project assistant for the climate change and energy action team.
- Provided technical support in the preparation of climate adaptation and energy transition action plans and project budgets for Rwanda and Bangladesh under the GIZ-funded Resilient Cities Action Package 2021 project.
- Managed the ICLEI Sustainability Reporting System (CPD-ICLEI CRtZ tracker); A system for tracking cities' sustainability and NetZero performance
- R&D-Researched on Cities' climate resilience and energy transition topics and produced reports.

### **GIS Intern/Project Assistant| GIZ-Germany Development Agency) in Lusaka| 2017**

- Supported various aspects of the project lifecycle aimed at sustainable development of cities and communities under the GIZ-funded project Decentralization for Development (D4D)