

CV

Nyambe Wamukwamba

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Professional Credentials and Certifications

- Professional Certification Project Management and Planning, University of Zambia
- Professional Certification Monitoring and Evaluation, University of Zambia
- Professional Certification Strategic Management, University of Zambia
- Professional Certification Data Management and Analysis, University of Zambia
- Professional Certification Cyber-Security, University of Zambia

Core Competencies

- Structured Finance
- Commodity Derivatives
- Mining Finance
- Financial Modelling & Engineering
- Corporate & Project Finance

Professional Experience

Financial Consultant – Structured Finance, Commodity Derivatives & Project Finance
Private Placement Platform (PPP) Project - Copper and Cobalt Mine, Production and commodity price risk management

Blackfire Mining LTD (2026)

- Authored and structured a USD 20 billion Copper and Cobalt Commodity Option Derivative Instrument designed to manage commodity price volatility, enhance project bankability and support long-term financing for a large-scale mining project comprising approximately 6 million tonnes of combined copper and cobalt mineral reserves.
- Collaborated with mining engineers, geologists, legal advisers, financial specialists and commercial stakeholders to ensure that the derivative structure was aligned with reserve reporting, mine development plans, production schedules, operational cash flows and internationally accepted mineral project evaluation methodologies.
- Integrated commodity price risk management into the project's financing strategy, developing a structured hedging solution intended to improve lender and investor confidence by mitigating exposure to long-term copper and cobalt price fluctuations.
- Prepared financial models and scenario analyses assessing the impact of commodity price movements, production volumes, operational costs and market volatility on derivative valuation, project revenues and investment returns.
- Supported the development of an innovative capital markets solution aimed at facilitating alternative financing for large-scale copper and cobalt mining projects through structured commodity-linked financial instruments.

Financial Consultant – Structured Finance, Commodity Derivatives & Project Finance
Private Placement Platform (PPP) Project – Oil & Gas Exploration and Refinery development

Mafula Energy Limited (2026)

- Led the financial structuring and development of a USD 3.8 billion integrated
Authored and structured a USD 9.9 billion Nickel Call Option Derivative Instrument to hedge commodity price volatility and enhance project bankability

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- for large-scale nickel extraction operations.
- Designed the pricing model and valuation framework for the call option using advanced derivatives structuring methodologies aligned with international commodity markets.
- Developed the financial modelling, valuation methodology, and commercial framework for the project using internationally recognised oil and gas project evaluation techniques, incorporating petroleum reserve estimates, production profiles, refinery throughput assumptions, crude oil price forecasts, operating costs, capital expenditure schedules, fiscal regimes, and discounted cash flow analysis.
- Contributed as a core member of the project development and capital structuring team, supporting engagements with prospective strategic investors, private capital providers, export credit agencies, multilateral financial institutions, and commercial lenders for the financing of the integrated oil and gas development.
- Prepared investment presentations and financial due diligence materials demonstrating project economics, reserve value, projected cash flows, sensitivity analyses, investment risks, and expected returns to support negotiations with institutional investors and strategic funding partners.

Financial Consultant – Structured Finance, Commodity Derivatives & Project Finance Private Placement Platform (PPP) Project - Nickel Mining Vertical Integration-VI LM Engineering LTD (2025)

- Authored and structured a USD 9.9 billion Nickel Call Option Derivative Instrument to hedge commodity price volatility and enhance project bankability for large-scale nickel extraction operations.
- Designed the pricing model and valuation framework for the call option using advanced derivatives structuring methodologies aligned with international commodity markets.
- Led financial engineering documentation, term sheet drafting, and valuation modelling to institutional standards.
- Served as an effective core team member in securing cross-border capital commitments from institutional investors and strategic financiers in Israel and the United States in 2025
- Collaborated with legal, quantitative, and mining engineering teams to align derivative structuring with operational production forecasts and reserve reporting.

Financial Consultant – Structured Finance, Commodity Derivatives & Project Finance Project - Renewable Energy Finance, Drought Risk Resilience Assessment ZESCO Corporation Ltd (2024)

- Developed the financial and risk assessment framework for evaluating the impact of hydrological variability and prolonged drought conditions on hydroelectric power generation, project revenues and long-term investment sustainability.
- Prepared comprehensive financial models, scenario analyses and cash flow projections to assess the effects of reduced water availability on electricity generation, project bankability and financing requirements.
- Ensured that financial analyses and project assessments were aligned with recognised international infrastructure finance, development finance and regulatory principles applicable to large-scale renewable energy projects.

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- Collaborated with multidisciplinary teams comprising energy specialists, financial analysts, engineers and regional stakeholders to evaluate renewable energy investment opportunities and strengthen project financing strategies across the Southern African power sector.
- Supported the development of innovative financing approaches aimed at improving energy security, enhancing climate resilience and promoting sustainable investment in hydroelectric and renewable energy infrastructure

Finance Program Manager (Hybrid)

Finance & Accounting Department, **CLW Engineering Company Ltd**

December 2018 – Present

- Provide strategic financial leadership for the Company's engineering, construction and infrastructure operations, supporting financial planning, budgeting, cost control and commercial decision-making.
- Develop and oversee annual budgets, financial forecasts, cash flow projections to support project execution and long-term business planning.
- Lead financial risk management initiatives, including credit risk assessment, contract financial analysis and internal financial controls to safeguard Company assets and improve financial performance.
- Strengthen financial governance by ensuring compliance with internal financial policies, statutory requirements and recognised accounting standards.
- Provide financial advisory support on capital investment decisions, resource allocation and business development initiatives.

University Associate (Hybrid)

Banking & Accounting Department-GSB, **University of Zambia**

March 2023 – Present

- Deliver lectures in Financial Markets and Derivatives, Management Accounting, and related business disciplines under department of finance and accounting.
- Develop and facilitate lectures, seminars, case studies and practical learning activities that integrate contemporary financial management practices with real-world business and infrastructure finance applications.
- Supervise and mentor postgraduate students in research methodology, financial analysis, project appraisal, corporate governance and strategic financial management.
- Design and assess coursework, examinations and research projects in accordance with University academic standards and quality assurance requirements.
- Conduct research and contribute to scholarly discussions in the fields of corporate finance, structured finance, commodity derivatives, project finance, financial governance and risk management.

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Management Consulting Services Officer

MCS Departemnt, **Grant Thornton**

February 2017 – November 2018

- Provided financial and management consulting services to public and private sector clients across infrastructure, energy, financial services and development projects.
- Prepared financial analyses, business cases, investment appraisals, feasibility assessments and commercial proposals to support strategic decision-making and project implementation.
- Assisted in the development of project budgets, financial forecasts, cash flow analyses and cost models for donor-funded and privately financed initiatives.
- Conducted financial due diligence, risk assessments and analytical reviews to identify financial, operational and commercial risks affecting client projects.
- Prepared technical reports, consulting deliverables, presentations and management recommendations for senior executives, project sponsors and client management.
- Collaborated with multidisciplinary consulting teams to deliver advisory engagements within agreed timelines, budgets and quality standards while maintaining strong professional relationships with clients and stakeholders.

Education

- Doctor of Philosophy in Finance and Accounting (Expected 2026), University of Lusaka
- Masters of Science in Financial Management. Swansea University, UK
- Masters in Management. (Pre), Swansea University, UK
- Bachelors in Economics and Development Studies, University of Zambia

Professional Memberships

- Executive Member, Economics Association of Zambia
- Associate Member, Zambia Institute of Banking and Financial Services
- Member, Zambia Institute of Valuation Evaluators
- Member, Chartered Institute of Management
- Member, Derivatives and Bond Exchange of Zambia

Professional Seminar Presentations & Publications

- Implications of Autonomous Management Accounting Systems, Orcid Research Publications 0009-0004-5163-8474
- Corporate governance as a binding constraint on industrial growth: Evidence from Zambian's manufacturing Sector, Orcid Research Publications 0009-0004-5163-8474
- Factors preventing Amazon trading in Africa, Google Scholar Publications 7113-3179-4884-3461-881
- Client Management Workshop, ZAM, Embassy of Finland
- SME Toolkit Financial Literacy & Business Planning Seminar, IFC, COMESA & ZANACO

References

Available on Request