FESTUS BREW QUANSAH

Postal Address: Adisadel Post Office, Box DL. 38, Cape Coast - Ghana, West Africa

Tel: + 233-246-604978 or +233-504-492355, E-mail: festusbrewquansah@gmail.com

Date of Birth: 4th December, 1988 Nationality: Ghanaian

PROFILE

Festus Brew Quansah is an expert in Finance, and International Economics and Business Strategy with professional experience and focus in project finance and national-level nuclear energy financial and economic analysis, and business strategy planning. Festus' core competencies include strategic planning and analysis, International Business Environment and Country Risk Analysis, Financial Modelling, Strategic-level Project Risk Assessment, Macroeconomic Impact Assessments and Socioeconomic Impact Assessments.

Education		
Degree obtained	Year of study	Institute of learning
MBA (Finance major)	2011-2015	Kwame Nkrumah University of Science and Technology (Ghana)
MSc. International Business With Financial Services	2012-2014	University of Huddersfield (United Kingdom)
BSc. Business Administration (Banking and Finance major)	2006-2010	Kwame Nkrumah University of Science and Technology (Ghana)
Other trainings and technical meetings:Training Course on		
Promoting a Just transition to low- carbon and climate- resilient development	2019	International Training Centre of the International Labour Organisation (ITCILO), Turin, Italy
• Technical Meeting on Funding for Waste Management and Decommissioning	2018	International Atomic Energy Agency, Vienna, Austria

 Training Course on Advanced Financing Nuclear Power Plants (NPP) Projects 	2017	Argonne National Laboratory and the International Atomic Energy Agency in Argonne, Illinois, U.S.A
• Regional Meeting on the Economics of Nuclear Power, Funding of Nuclear Power Programmes and Risk Allocation in Nuclear Power Projects	2017	International Atomic Energy Agency and Kenya Nuclear Electricity in Nairobi, Kenya
• Technical Meeting on the Macroeconomic benefits of Nuclear Power	2016	International Atomic Energy Agency, Vienna, Austria
 Capacity Development Workshop on the Ghana Macroeconomic Model 	2019	National Development Planning Commission, Accra, Ghana
• Workshop on Macroeconomic model framework to assess Social and Employment Impacts on Responses of Nationally Determined Contributions (NDCs) in Ghana – Green Jobs	2019	International Labour Organisation and the Environmental Protection Agency, Accra, Ghana

Assessment Model (GJAM)		En
• Technical meeting of Ghana's energy sector players on	2018	Energy Commission of Ghana, Ministry of Energy, USAID and Inner City Fund (ICF) International, Ada, Ghana
'Integrated Power System Master Plan (IPSMP) for Ghana		
• Structured Online course on Financing for Development	2015	moderated on live YouTube (google hangouts) and Coursera by the World Bank Group, U.S.A

Employment Record			
Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed
August 2016- Date	Financial Analyst -Ghana Atomic Energy Commission (Nuclear Power Institute)	Ghana	 Financial and Economic Analysis to support Planning and Implementation of Ghana's Nuclear Power Programme: Financial Analysis Financial modelling Input-Output Modelling Macroeconomic analysis Research and Analysis on Energy Economics and Policy Risk Assessment

Memberships in National Technical Groups and Publications

Membership in National Technical Groups

- **2019- Date:** Member, Response Measures Technical Working Group (Technical group formed by the Environmental Protection Agency to coordinate analysis and implementation of Ghana's climate action)
- **2017-Date:** Member, Ghana Macroeconomic Model Technical team (Technical team formed by the National Development Planning Commission to review variables Ghana's first integrated macroeconomic model for forecasting, sectoral planning and policy analysis)
- **2017-Date:** Coordinator, Nuclear Power Finance Group (Technical group formed by the Nuclear Power Institute of the Ghana Atomic Energy Commission to analyse and advise government on Financing issues of Ghana's Nuclear Power Project)

Publications

Technical Documents

2019 'Financial viability of Ghana's Nuclear Power Project: A FINPLAN analysis' Ghana Nuclear Power Planning Organisation , NPID 128000-ANL-100

- 2018 'Risk Assessment of Ghana's Nuclear Power Project' Ghana Nuclear Planning Power Organisation, NPID-127510-DSG-100
- 2018 Macroeconomic benefits of Ghana's Nuclear Power Project: An ex ante analysis' Ghana Nuclear Power Planning Organisation, NPID-127560-ANL-002
- 2017 Financing options for Ghana's Nuclear Power Project: Analysis and Proposals' Ghana Nuclear Power Planning Organisation, NPID-127560-ANL-101
- 2017 'Financing options for Radioactive Waste Management, Spent Nuclear Fuel and Decommissioning of Ghana's Nuclear Power Programme: An ex ante analysis' Ghana Nuclear Power Planning Organisation, NPID-127560-ANL-100
- 2016 'Macroeconomic benefits of Ghana's Nuclear Power Programme: An ex ante analysis' Ghana Nuclear Power Planning Organisation, NPID-127560-ANL-001

Academic research and research papers

- 2016 Prospects Of Islamic Banking And Finance Model In Ghana: A Perception Study Of Bank Executives In Kumasi Metropolis (unpublished)
- 2016 Prospects Of Islamic Banking And Finance Model In Ghana: A Regulatory perspective (unpublished)
- 2016 Prospects Of Islamic Banking And Finance Model In Ghana: A macroeconomic view (unpublished)
- 2012 'Scenario planning and Analysis of development of Japan' (Term paper, University of Huddersfield, Business School)
- 2012 'Challenges of International Joint Venture (IJV) management'. (Term paper, University of Huddersfield, Business School)

Professional Experience Record	
Position held : Financial Analyst Name of assignment or project Ghana Nuclear Power Project	Main project features and activities performed
Client Government of Ghana Location Accra Year 2019	Team Lead on Finance for Ghana- Integrated Nuclear Infrastructure Review (INIR) Phase1 follow-up mission- Bui Power Authority, Accra, Ghana. Oct. 21-24. Organised by the International Atomic Energy Agency and the Ghana Nuclear Planning Organisation
Position held: Financial Analyst Name of assignment or project: Ghana Nuclear Power Project (Financial Viability) Client: Government of Ghana Location: Accra Year: 2019	Main project features and activities performed Study and Preparation of technical report of Financial viability. Involved a ot of meetings with team, data gathering, modelling and discussion and reporting. This work involved the use of FINPLAN model and application of project level, macroeconomic and financing data. Key figures of merit such as The Net Present Value and Equity Internal Rate of return as
	well as Cash flows and financial ratios were analysed. Relevant sensitivity analyses were also performed to ascertain how the metrics

	behave in relation to key variables such as tariffs.
Position held Financial Analyst Name of assignment or project': Ghana Nuclear Power Project (Risk Assessment) Client: Government of Ghana Location: Accra Year: 2018	Main project features and activities performed Study and preparation of technical report on Risk Assessment of Ghana's Nuclear Power Project. Involved meetings and co- ordination of Finance group, discussion, contextualization and analysis, and reporting. This work involved a comprehensive risk assessment to ensure that all levels of risk and uncertainty are identified, properly analysed and then appropriately managed in a structured way, for the development and implementation of a Nuclear power project in Ghana's context.
Position held: Financial Analyst Name of assignment or project: Ghana Nuclear Power Project (Financial Strategy) Client: Government of Ghana Location: Accra Year: 2018	Main project features and activities performed Study and preparation of technical report on Financing options for back-end liabilities of Ghana's Nuclear Power Project. Involved meetings and co-ordination of Finance group, discussion, contextualization and analysis, and reporting. This work involved assessment of country strategies for managing and funding back- end liabilities in a Nuclear Power Project and further recommended approaches for Ghana based on existing strategies and Ghana's context.

Position held: Financial Analyst Name of assignment or project: Ghana Nuclear Power Project (Financial Strategy) Client: Government of Ghana Location: Accra Year: 2017	Main project features and activities performed Study and preparation of technical report on Financing options of Ghana's Nuclear Power Project. Involved meetings and co- ordination of Finance group, discussion, contextualization and analysis, and reporting. This work involved analysis of strategic financing options for a Nuclear Power Project in Ghana. It intends to give strategic direction on sources of finance, and structural and strategic relationships to organise financing towards executing Ghana's Nuclear Power Project. It therefore focuses on sources of finance, financing strategy and structure of relationships between project parties (equity investors, vendors, government etc) and implications for Ghana across various perspectives (i.e. macroeconomic, geopolitical, legal etc.).
Position held: Financial Analyst Name of assignment or project: Ghana Nuclear Power Project (Project Impact Assessment on Ghana's economy) Client: Government of Ghana Location: Accra Year: 2016	Main project features and activities performed Study and Preparation of technical report of Macroeconomic Impact of project. Involved data gathering, modelling, contextualization, discussion and reporting. The analysis involved the use of Input— Output modeling approach to estimate the economic impact of the project in the Ghanaian economy. Key variables such as Gross Output, Value Added, Employment created and Labour Income were estimated and discussed.

Countries of Work Experience

Continent: Countries

Italy (Europe), USA (North America), Austria (Europe), Kenya (East Africa)

Core Competencies and Skills

- Analytical skills: Financial Analysis, Macroeconomic analysis, Project Analysis, International Business Analysis, Country Risk Analysis
- Research skills: Data Analysis, Systems Analysis, Technical reporting and drafting, highlevel presentation.
- I.T proficiency: Knowledge in MS Word, Excel and PowerPoint, FINPLAN (Financial Analysis tool for Energy projects)
- Strategic planning: Strategic thinking and policy planning, Scenario Planning and Futurology
- Interpersonal skills: Diplomacy, Cultural sensitivity, Teaching and Public Speaking, and Integrity

Language Skills	
Language	- Level of proficiency
English	- Excellent
French	- Working Knowledge

Consulting (Sector Coverage)

Financial Sector, Alternative Financial Markets (Microfinance and Islamic Banking and Finance, Climate Finance)

Infrastructure, Megaprojects

Energy, Nuclear Power

Business sector, Small and Micro Entreprises (SMEs), Multinational Entreprises (MNEs)

Consulting (Key Services)

- Project Planning
- Risk Assessment
- Feasibility Studies
- Strategic Financial Analysis, Cost Analysis, Financial modelling
- Research and Analysis on Energy Economics and Policy
- Socioeconomic Impact Assessments.
- Input-Output Modelling
- Macroeconomic analysis
- Analytical reviews
- Strategy papers
- Technical writing
- Policy document updates
- International Business environment and Country Risk Analysis
- Strategic Planning
- Research projects (Banking, Finance, International Business)
- Training (Banking, Finance, Business Strategy)
- Presentations (Corporate and Academic)