



FINANCIAL MODELLING TRAINING

Theme: Financial Modelling

Date: 11-14th November 2024

Time: 08:00 am – 5:00 pm

Venue: Four Points By Sheraton Hotel, Kampala

Host: Uganda Development Bank

Country: Uganda

DAY 1: 11 NOVEMBER 2024

BRIEF: The day's activities involve learning about modeling fundamentals and best practice standards, using FAST as a critical standard. The training also includes selecting the **Live Case Business Case Simulation Scenario** and constructing a key model general assumptions sheet.

Time	Activities
08:00 a.m. – 08:30 a.m.	Arrival and registration of delegates
08:30 a.m. - 10:30 a.m.	Program Overview
10:45 a.m. - 13:00 p.m.	Defining and Modelling Project Timelines. Defining & Modelling Project Costs (Capital Expenditure).
14:00-p.m. - 15:30 p.m.	Live Base Case Simulation Defining and Modelling Macroeconomics Defining & Modelling Financing Assumptions
15:30 p.m. - 17:00 p.m.	Defining and Modelling Revenue Assumptions. Defining & Modelling Operating Costs (opex). Defining & Modelling Working Capital.

DAY 2: 12 NOVEMBER 2024

The day's activities entail some key learning about modeling the project's phasing between construction and operations, distinct timing periods, and indexation for CPI, PPI, Forex, etc., over the course of the project's operations. The activities also include modeling the disbursement of funds for construction, gearing, calculating Interest during construction, fees, and ultimately, the funding required for the project, and debt sizing.

Time	Activities
08:00 a.m. - 10:30 a.m.	Modelling 2 phases of the model: Construction and Operations Timelines. Modelling the valuation timeline for (IRR, DSCR, NPV). Modelling Model Escalation Indexations.
10:45 a.m. - 13:00 p.m.	Modelling Gearing (Debt & Equity). Modelling Model the actual funding requirement. Modelling Debt sizing. Modelling Uses & Sources of Funds.
14:00 p.m. - 15:30 p.m.	Modeling the loan accounts after debt sizing/gearing. Calculating and determining the loan quantum due after construction/disbursements for repayments.



	<p>Modeling the shareholder loan accounts after debt sizing/gearing. Calculating and determining the loan quantum due after construction/disbursements for repayments.</p> <p>Modelling the paid-up equity accounts for the Balance Sheet.</p> <p>Modeling Senior loans/debt repayments.</p> <p>Modelling shareholder loan repayments.</p>
15:30 p.m. – 17:00 p.m.	<p>Modelling debt/loan repayments using at least two repayment mechanisms for debt.</p> <p>Calculating interest and capital repayments due.</p>

DAY 3: 13 NOVEMBER 2024

BRIEF: On this day, the team will model project operations (cashflow earnings, expenditure, tax, working capital, and loan repayments). The team will calculate revenues, costs, and EBITDA/Free cashflows, which are key for debt repayment. The team will also calculate and model working capital (project liquidity), tax due, and reserve accounts. The whole modeling exercise is to model the determination and utilization of cashflows and who gets what in order of priority between businesses, banks/lenders, and shareholders.

Time	Activities
08:00 a.m. -10:30 a.m.	<p>Modelling Asset depreciation schedules.</p> <p>Modelling any Capital allowances and deferred tax.</p>
10:45 a.m. - 13:00 p.m.	<p>Modelling the operations of the Mode/ Business case</p> <p>Modelling revenues and costs</p> <p>Modelling Project/Business Case key Cashflows (liquidity)</p> <p>Modelling the cashflow profiling of the Project/Business Case</p> <p>Modelling Mandatory & Statutory Costs (Tax, etc)</p>
14:00 p.m. - 15:30 p.m.	<p>Modelling the utilization of project cashflows after profiling.</p> <p>Modelling the actual payment of operating costs to run the business, loan, reserve, and dividend accounts.</p>
15:30 p.m. - 17:00 p.m.	<p>Construction of Project/Business case Income Statements</p> <p>Construction of Project/Business case Balance Sheet</p> <p>Construction of Project/Business case Cashflow Statement</p> <p>Construction of Project/Business case Dashboard</p>

DAY 4: 14 NOVEMBER 2024

This last day of the training intervention and capacity building is dedicated to calculating the project's valuation and returns. Key metrics will calculate and model IRRs, NPVs, and Ratios. This demonstrates the bankability of the project business case and the ability to pay back debt. This activity is critical for bankers to understand critical credit risk and management considerations.

Time	Activities
08:00 a.m. - 10:30 a.m.	Modeling Returns and Ratios for the Project/Business case
10:45 a.m. - 13:00 p.m.	Modelling Returns and Ratios for the Project/Business case
14:00 p.m. - 17:00 p.m.	PLANNED ACTIVITY