

Project Finance Modelling

25 – 27 January 2027

Singapore

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This program aims to provide knowledge and practical experience about creating comprehensive and flexible project finance models and their analysis, including valuation and return used in financial planning, structuring, and fundraising. The participants will gain insights into the step-by-step process of creating financial models using Microsoft Excel, putting checks and audits, and finally analyzing the same.

Overview

This course will equip all participants with various tools to aid in complex business decision-making by incorporating multiple economic, industry, and sector factors operating in the dynamic business environment. At the end of the course, each participant will independently create a project finance model by applying various micro and macro trends and project data and analyze it from the valuation and return perspectives to make the best decision for their company.

Who should attend

All individuals who want to improve their project financial modeling skills should attend this course

- Middle to senior managers in the project finance and fundraising department of the company
- All professionals who want to deal or currently deal with financial modeling in their company
- Consultants, advisors, and other professionals who wish to improve their modeling skills
- Middle to senior managers from investment banking, banks, financial institution,

Methodology

The non-theoretical methodology includes interactive discussions, case studies, and assignments to understand the concepts and their applicability. As a policy, we limit the class size to 12 participants to provide attention to each participant and ensure their objective is achieved.
We request you to please bring your laptop with Microsoft Excel installed to the class.

Trainer

All our trainers are carefully chosen by us and possess a rich and vast experience in the financial sector. This course was conducted by an experienced training consultant with more than 20 years of industry experience with some of the world's leading business institutions, specializing in corporate finance, project finance and investment banking.

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Course Content

Module – 1

Setting up a project finance model and building projections

- Overview of best industry practices for financial modeling and layout
- Structure of Project finance and its stakeholders
- Analysis of project information
- Steps for creating financial models
- Proper presentation of various sheets and setting up the model input dashboard

Module – 2

Preparation of Layout and timing-related information

- Discussion on the model development process and flow
- Discussion on the best industry practices and standards for layouts and structure
- Preparation of the standard model template to ensure consistency between worksheets
- Preparation of quarterly and annual flags
- Other key flags like construction period, operational period, debt period, etc

Module – 3

Preparation, Assumption sheet

- Preparation of the assumption sheet
- Analysis of project assumptions and their rationale for construction timelines, revenues & costs, assets and liabilities' assumptions - operating cost, capex, leverage, etc
- Shortlisting assumptions and applying adjustments
- Applying various forecasting tools, etc

Module – 4

Importance of Capex and depreciation

- Different ways to model the Fixed assets and depreciation
- Schedule of amortization of intangible assets
- Special concessions requirement for fixed assets and depreciation benefits
- Tax and accounting depreciation, if any

Module – 5

Preparation of debt and equity schedule

- Calculation of fund requirements and various sources of funding and source to service the same
- Calculation of Interest During Construction (IDC)
- Waterfall mechanism to calculate the debt requirement and cash flow available for debt service
- Calculation of cost of various types of debt, including arranger fees, interest, annual fees, etc
- Various types of repayment structures like an annuity, sculpted, bullet, etc
- Preparation of DSRA and other cash reserves
- Management of covenants of the banks
- Calculation of the cash flow available to equity shareholders
- Dividend calculation with its limitations, including lender restrictions, etc

Module – 6

Calculation of Net Taxable Income and final tax

- Calculation of net taxable income, including adjustment of tax and concession benefits
- Adjustments for capital allowances, disallowable costs, and loss carry-forwards

Module – 7

Importance of key ca and their application

- Working capital schedule
- Fixed assets and depreciation
- Schedule of amortization of intangible

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assets
- Preparation of debt and interest
- Taxation
- Equity fundraising
- Equity gap and funding

Module – 8

How to create a working capital schedule

- Components of cash and non-cash working capital
- Forecasting working capital requirements

Module – 9

Integration of income statement, balance sheet, and cash flow statement

- Industry practices on handling exceptions
- Integration of Cash Flows, Income Statement and Balance Sheet as per best industry practices

Module – 10

Establish scenario and sensitivity analysis

- Use of data for sensitivity analysis
- Identifying suitable scenarios and sensitivities and their impact on financial analysis
- Stress testing on a model
- Managing critical pitfalls in the analysis

Module – 11

How to do model review and control

- How to insert various tests and checks in the model
- Identify common model errors and fix them
- Best industry practices

Module – 12

How to apply different financial analysis techniques to the model

- Importance of PV, NPV, and IRR and their link with company valuation
- How to analyze various capital budgeting decisions
- Calculation of multiple ratios- Payback period, Equity IRR, Project IRR, DSCR, Debt/Equity, etc

Module – 13

How to manage the circularity and apply macros in the model

- How to handle Circular References in financial modeling
- Effect of circular references on the model
- Various types of circularities
- How to apply macros on the model and break the circularity

Riverstone Corporate Training

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DELEGATES' REGISTRATION FORM

Course Fees		
(Fees per participant)	**Single**	**Group****
Normal fees	SGD 2699	SGD 2599
Early bird price*	SGD 2499	SGD 2399

**Payment 30 days before commencement of course*
***Minimum of 3 participants*

The course fee includes
- 3 days of dedicated expert training
- Copies of relevant course material
- Free meal voucher for participants

Venue Details

- All our training sessions are held using the latest technology, assuring a high level of interaction and a conducive learning environment.
- Due to variation in a number of participants, final login details will be mailed 7 days before the course commences
- Registration : 8:30 am
- Session timings: 9:00 am to 5:00 pm

Disclaimer: Riverstone Training reserves the right to change the venue or postpone the course due to unforeseen circumstances.

Company Information

Company Name : _____
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Contact person : _____
Designation : _____
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Delegate Information

Name (1) : _____
Designation : _____
Email : _____
Phone : _____

Name (2) : _____
Designation : _____
Email : _____
Phone : _____

Payment Terms

- Full payment is required for seat confirmation.
- Make a crossed cheque or bank draft payable to **Riverstone Training Pte Ltd.**
- Mail your payment with this registration form to **Level 20, Tower 2, One Raffles Place, Singapore 048616.**
- Alternatively, you can do a bank transfer to Standard Chartered Bank Account no: 0105663336 (Bank no: 9496); Swiftcode: SCBLSG22.

Cancellation Policy

- If you are unable to attend, a replacement delegate is always welcome.
- Any cancellation must be made in writing to Riverstone Training at least 14 days before the event date. A full refund, less an administration fee of SGD 150, will be given.
- For written cancellations received less than 14 days before the event date, no refunds will be given. However, you will receive a 100% credit voucher that can be applied towards any of our subsequent training courses within six months of the initial registration.

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