



Corality Academy



Best Practice Project Finance Modelling

2 day duration

Company overview

About Mazars Global Infrastructure Finance

For project developers, investors and financiers in the infrastructure and energy industry, Mazars Global Infrastructure Finance, is a globally integrated, world class team delivering a complete industry service suite, including; financial model development, model audits, financial modelling training, advisory and valuations, with global expertise in tax and accounting. Through the combination of specialist offices in London, New York, Toronto, Sydney, Delhi and over 170 professionals, the leading Corality Financial Modelling methodology and global project experience, we deliver specialist services in close collaboration with Mazars globally integrated network of 20,000 staff in 102 countries providing local knowledge and language as required.

About Corality Academy

For people and organisations that rely on financial modelling for financial decisions, the Corality Academy provides specialised global training solutions based on real life experience of over 170 consulting and investment professionals, global industry credentials and the Corality Financial Modelling methodology. Our hands-on courses, delivered to small groups with personalised coaching have been successfully delivered to over 5,000 individuals and more than 300 organisations. Their learning keeps going long after the course through our online learning materials. The training course portfolio ranges from Excel capability development programmes to industry specific modules in project finance, valuations, renewable energy, power, mining and infrastructure.

Mazars acquired Corality in August 2016 and is further investing in the development of the global Academy..

Best Practice Project Finance Modelling

Best Practice Project Finance Modelling will give you the tools you need to build and sensitise robust and transparent cashflow based financial models and dramatically increase your Excel efficiency. During this two day financial modelling course you will, under personal coaching from our expert trainer, build your own project finance model from scratch using Corality's globally proven modelling methodology Corality Financial Modelling.

You will learn the modelling principles and structured approach that are applicable across a range of industries including Mining, Oil & Gas, Power, Renewable Energy, Real Estate and Infrastructure.

What you will take away from this course

- A best practice financial model with essential applications for project analysis across diverse project categories
- Corality Financial Modelling methodology best practice rules and techniques that you can apply immediately to your projects
- A masterful understanding of essential Excel functionality for professional financial modelling and powerful shortcuts
- Compelling insights from recent market examples, group discussions and interactive workshops

In this programme for you?

This course is suitable for anyone who needs to build, review or analyse project finance models. Typical attendees include Analysts, Managers, Senior Managers and Associate Directors.



Key learnings

- Achieve consistent and accurate outputs using the Corality Financial Modelling methodology
- Learn efficient modelling techniques to deliver more analysis, faster and more accurately
- Acquire specialised skills to building a flexible and powerful scenario manager to analyse your projects sensitivity to key drivers
- Construct flexible debt repayment functionality and ratio analysis

Course prerequisites

While no pre-course modelling knowledge is strictly required, it is expected that participants have a good handle on Excel prior to attending the course. Upon registration you are entitled to our introductory material on Excel functions which will give you the confidence and skills to fully absorb the contents of this course.

Trainer support hotline

We view every training course as a long term commitment to course delegates. Our objective is not just to take you through the training and then leave you to your own devices – it is to fundamentally transform your Excel and financial modelling skills.

This is why your course fee includes post course access to your trainer and the Corality Academy support line.

“Corality’s Best Practice Project Finance Modelling is a fantastic course, with good presenters and facilities. I would recommend this course to anyone who wants to take their modelling to the next level and achieve ‘best practice’ modelling skills.”

Jonathan David, Analyst, Riverstone Advisory

Detailed course outline

Master proven techniques for best practice modelling resulting in better models built faster:

- Learn to work with the powerful and easy to follow Corality Financial Modelling methodology
- Discuss and identify good vs. bad modelling techniques using real-life examples
- Greatly increase consistency amongst your team in calculation technique and presentation

Discuss the life-cycle of a project finance model, from screening and structuring to financial close:

- Learn the various structural phases of project finance. Understand when to use which phase
- Build your understanding of the building block components, key details and challenges of a transaction model
- Understand the design flow of the model builder, learn how to know where to go next

Develop a model structure that is robust and scalable that can evolve with a typical project or transaction:

- Establish key constants in the model using full scope of Excel range name function
- Build a flexible timing structure using appropriate date functions and binary flags
- Construct modularised units that form the building blocks of a professional model including (but not limited to):-
 - Capital Expenditure breakdown with contingencies controls
 - Production calculations with multi-path optionality on time-series schedules
 - Revenue build up with detailed pricing controls
 - Operational and maintenance expenses including fixed and variable items

Forecasting and modelling of production metrics:

- Focus on how to calculate Cash Flow Available for Debt Service
- Learn how to layout line items in an efficient and easy to communicate way
- Understand the different types of circular references and how to avoid them

Integrate project finance term (operational debt):

- Walk through of term debt structuring and annuity repayment through first principles
- Inclusion of target Debt Service Coverage Ratio repayment functionality
- Discussion of linear and bullet repayment structures in project finance

Construct and analyse debt facilities for credit or investment decisions:

- Learn the importance of credit ratios and their purposes in analysis
- Build commonly used ratios in banking and finance from first principles
- Extract key metrics from ratios using a range of advanced Excel functions

Course outline (cont.)

Calculate key returns results and understand the role of dividends policy:

- Discuss the reason and impact of dividends policy on valuations
- Integrate internal rate of returns and NPV, understand the role of the discount rate
- Learn differences between NPV and XNPV functions and common errors in their application

Take control of robust and rapid sensitivity and scenario analysis through powerful Excel techniques:

- Save time and deliver rapid analysis with our approach to scenario management
- Use the scenario manager to test the model in all scenarios
- Build confidence in your analysis through pre-programmed combinations of model inputs

We train industry leaders

A selection of our clients

CREDIT SUISSE 



GDF SUEZ

ANZ 



Wesfarmers



KPMG



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