

F1F9

ADVANCED **PROJECT FINANCE** MODELLING

PF

WWW.F1F9.COM

F1F9

F1F9 financial modelling training is trusted by the world's leading financial companies. We train our clients to build robust models that allow them to collaborate effectively and make better decisions.

Our courses are available in-house globally, and online. We run public courses in cities including New York, London, Antwerp, Johannesburg and Toronto.

Our team of highly experienced instructors understand the problems that financial modellers face every day. We limit class sizes and use teaching assistants to make sure that everyone gets the attention they need, even in groups with different levels of experience or learning speeds.

Course participants continue to learn from us long after classroom sessions have ended. They are able to revisit course material through online videos, printed course notes and additional case studies. Many use our support forums to get answers to their specific questions from our dedicated team of FAST financial modellers.

We offer specialised courses in a number of sectors, delivered by industry experts.

OUR COURSE TYPES



F1F9 is accredited by the FAST Standard Organisation Ltd to deliver FAST training courses. See: www.FAST-standard.org/training for details

*“The instructors were
spectacular”*

Pranav Kotwal, Analyst, Citi

PROJECT FINANCE MODELLING

A 2-day intensive financial modelling course focussed on the key areas of project finance transactions

Advanced modelling:

Build on core skills learned in FAST Financial Modelling

Practical and 'hands on':

Build a first-class project finance model in class

Expert tuition from PF experts:

Benefit from the instructors' industry knowledge

Free post-course access to an online version of the course:

Review classroom topics and techniques at any time

Based on the FAST Standard:

Create better Project Finance models with fewer errors in less time

PROJECT FINANCE MODELLING/ **WHAT KIND OF COURSE?**

Outline

Project Finance Modelling is a 2-day course that will teach you how to build a financial model to evaluate equity returns and secure non-recourse debt (or 'project' finance).

The course builds on the techniques and knowledge acquired in the pre-requisite course, *FAST Financial Modelling* either in person or online. Participants will be taught to apply general business and non-recourse finance theory to forecast cash flows associated with 'greenfield' projects and special-purpose project companies. At the conclusion of the course attendees will have constructed a fully-functional financial model covering the period from the beginning of construction through to the end of the project's operating period.

“The course was a joy!”

Ram Rajaraman, Consultant, Finnamore

PROJECT FINANCE MODELLING/ **WHO IS IT FOR?**

Target Audience

Project Finance Modelling is aimed at those who need to build, modify and/or understand financial models associated with project finance transactions, usually infrastructure related and including new, 'greenfield' and PPP/PFI investments. The course is aimed at delegates with some modelling experience who have responsibility within their organisation for developing or running a project finance model. Participants without prior knowledge of business theory, project finance, and basic model-building skills will struggle to keep up with the pace of this course.

Teaching Approach

Consistent with all F1F9 courses, Project Finance Modelling is a hands-on course with limited lecturing or speaking to PowerPoint slides. Attendees follow along with the instructor, building their own financial model on their own computers; in this way they immediately practice what they have been taught and can confirm their understanding of project finance principles and modelling techniques.

The course also applies FAST modelling, namely producing models that are flexible, appropriate, structured, and transparent. FAST models avoid complex formulas so they are simple to follow even if the subject matter is complicated.

PROJECT FINANCE MODELLING/ **COURSE AGENDA**

Day 1 introduces attendees to the primary modelling requirements for a 'green field' investment or special-purpose project company. Participants will commence from the basic corporate business model completed in FAST Financial Modelling (T101) and add calculations for construction-period capital costs and financing. This course will also more fully develop the cash flow waterfall (a.k.a. payments cascade) and basic period-by-period cover ratio calculations that form the heart of most structured finance transactions.

Day 2 moves on to more advanced, yet common elements of project finance, including calculation of loan-life cover ratios, equity return calculations within dual-time period models, debt service reserve account deposit / release logic, and shareholder loans. Each of these components is built upon the well-designed, multi-sheet model structure developed by the participant during Day 1.

PROJECT FINANCE MODELLING/ **BEFORE & AFTER**

Pre-work

Participants are expected to have completed the “Introduction to FAST” and *FAST Financial Modelling* courses. If you have not completed either, you can sign up and complete the online version of that course ahead of the *Project Finance Modelling*. [Contact us for details of either the online or classroom version.](#)

Post course support

Our objective is not to get you through a two day course and then leave you to it. We aim to transform your financial modelling skills. For that reason, your course fee includes unlimited post course access to the F1F9 online classroom. This gives you access to video tutorials covering all the course material that we cover in class, plus several additional modules on topics that can't be fitted in to a 2-day course. You will also have ongoing access to our instructors. All your post-course questions will be answered within 24 hours, usually much quicker. You will also have access to occasional free Financial Modelling webinars where we look at applied financial modelling problems. In short, we don't just give you two days of tuition and leave you to it – we're by your side as you put your new learning into practice.

PROJECT FINANCE MODELLING/ **REQUIREMENTS**

Tools & Setup

Attendees should have a basic understanding of MS Excel (e.g. syntax of IF statement, purpose of \$s for anchoring cell references). They will also need to bring a laptop with them, ideally one they are accustomed to using, with a Microsoft Windows operating system and Microsoft Excel loaded with Analysis Toolpak available. Laptops may be rented from F1F9 Academy for an additional charge. Attendees are required to complete a short online pre-course.

*“I use my new found skills on a daily basis
and can’t speak highly enough of the course”*

Sally Brierley, Financial Modeller, FCC Environment

F1F9ACADEMY

FIND OUT MORE ABOUT OUR **FINANCIAL MODELLING TRAINING/**

WWW.F1F9.COM/FINANCIAL-MODELLING-TRAINING/

INFO.F1F9.COM/31-DAY-FINANCIAL-MODELLING-COURSE

INFO.F1F9.COM/WHAT-OUR-CLIENTS-SAY

BLOG.F1F9.COM/

SOME OF OUR **REGULAR TRAINING CLIENTS:**



F1F9 teaches the best financial modelling courses available on the market today, training our clients to build better models themselves through courses delivered worldwide.

We also build and maintain financial models used by leading corporates, advisors, banks and funds.

Our team of over 40 modellers constantly use the techniques that we teach on our courses. Financial modelling is our core business. It's what we do.

To discuss how we can meet your training needs call Alex Arnold on +44 203 239 8575 or email alex.arnold@f1f9.com

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