

**F1F9**

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# Financial Modelling for Renewables



In Person

Financial Modelling  
**Training**



# We are **Financial Modelling** Experts /

Our highly knowledgeable instructors provide training that allows anyone to build models that are easy to understand, with fewer errors, in less time. Whether you need to understand and use models, review them or build your own, one of our courses will be perfect for you.

Our intensive in-person courses are run in major cities and can also be organised for your company in-house.

If you prefer the convenience of developing modelling skills in your own time, our online courses are taught using video tutorials that you can watch as many times as you need to – access is unlimited.

Whichever option you choose; we offer ongoing support from our team of modelling experts so you can continue to develop your skills long after you complete the course.

**Visit [book.f1f9.com](http://book.f1f9.com) to find out more.**



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

*“I had two amazing days with you; it was a pleasure to be at this course!”*

**Elliott Nyssen**

ASSOCIATE, CLAIRFIELD BENELUX



# Financial Modelling for Renewables /

Financial Modelling for Renewables focuses on the challenges that arise in preparing financial models for renewables projects: construction vs operations, seasonality, monthly timelines, P90 / P50 forecasting and financing (including equity bridge loans and cash sweeps).

It is a modular course for analysts and financiers in the renewables sector who need to build, modify, or run financial models. It is available as a 2-day intensive and immersive classroom course.

During the course you will model a case study based on the construction, financing and operation of a wind farm. Topics covered include model optimisation, equity bridge loans, cash sweeps and debt refinancing. The course favours detailed instruction and hands-on practice with good model design and modelling techniques.

## **MODULAR FINANCIAL MODELLING COURSE: FOCUS ON SKILL DEVELOPMENT STEP BY STEP.**

- Course fee includes unlimited pre and post-course access to online support: Our support to you extends beyond the course material
- Practical and well-paced: Build your learning in layers as you build a renewables model from scratch
- Expert tuition from experienced instructors: Learn real world modelling
- Access preparatory and follow up tutorials online: Build and develop your skills at any stage of the course.
- Based on the FAST Standard: Learn a systematic financial modelling methodology



# Financial Modelling for Renewables /

## What kind of course is this?

### Outline

This course is suited to participants who already have some basic Excel skills and aspire to, have recently started or know they are going to start building financial models in the renewable energy sector. We also assume that participants have a basic familiarity with the layout of financial statements – income statement, balance sheet and cash flow – but not necessarily how they are modelled. Based on a template financial model with a monthly timeline, participants will cover – step-by-step – the construction phase (costs, income and financing), model optimisation for lenders and sponsors, equity bridge loans, cash sweeps, debt refinancing and introducing actuals to a forecast model.

#### FINANCIAL MODELLING FOR RENEWABLES INCLUDES:

- P90 / P50 forecasting
- Aggregation of monthly data into annual data
- Construction debt draw down options
- Converting a bid model to an operational model

It favours detailed instruction and hands-on practice with good model design and modelling techniques.



# Financial Modelling for Renewables /

## Who is it for?

### Target audience

Financial Modelling for Renewables is designed for professionals in the renewable energy sector that need to build or run financial models.

For those with limited experience, it provides a good introduction to real world financial modelling. For experienced modellers, it will help the quality and productivity of your modelling by introducing FAST principles and techniques.

### Teaching approach

Participants attending our 2 day classroom course will engage in learning that is highly practical and hands-on. Participants follow the instructor step by step while building their own financial model and so immediately practise what they are being taught. Time is also spent on conceptual modelling – being the process required to work out what is to be modelled – and analysis of results.

On completing the course you will receive access to our Financial Statement Modelling online course which will be replaced by the Financial Modelling for Renewables content as soon as it is available.

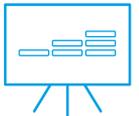


# Financial Modelling for Renewables /

## Course outline:

The course covers model design and construction, Excel modelling techniques and some basic financial accounting principles.

Participants will use modelling principles based on the FAST Standard to improve how they approach model design, style and structure, and to increase their keyboard productivity. By the end of the course, each participant will have completed a fully-functioning financial model, accommodating topics such as construction phase costs, income and financing, P90 / P50 forecasting, equity bridge loans, debt refinancing and model optimisation.



# Financial Modelling for Renewables /

## Before & after:

### Pre-course work

We recommend that you complete our FAST Fundamentals course (which includes our free online “31 days to better financial modelling”) which covers the basics of modelling with the FAST Standard and how to apply it to simple modelling assignments.

### Post-course support

Our objective is to work with you to transform your financial modelling skills. We want to continue to support you as you work towards financial modelling fluency.

Your course fee includes open-ended access to our online learning environment, your course modules and open-ended access to our support forum. Any questions raised through the support forum will be answered within 24 hours, usually much quicker.



# Financial Modelling for Renewables /

## Course modules:

- Timelines: monthly models
- Timelines: aggregation of monthly data to quarterly, semi-annual or annual equivalent
- Construction phase: funding requirement
- Construction phase: funding draw downs
- P90 / P50 forecasting
- Model optimisation for lenders and sponsors
- Construction phase income
- Equity bridge loan
- Cash sweep
- Debt refinancing



# Financial Modelling for Renewables /

## Tools and set up:

Participants who benefit most from this course have a basic understanding of MS Excel (e.g. syntax of IF statement, use of the dollar symbol “\$” to anchor cell references). Any recent version of Excel may be used and – although our course presumes English language version of Excel and an English “EN” keyboard, our support forum can help with any detailed language issues arising. For our classroom course, we recommend a personal computer with a Microsoft Windows operating system.

*“It was a very good and well-prepared course... I will definitely recommend it in our company”*

**Patrick Müller**

SENIOR INVESTMENT MANAGER / E.ON CLIMATE & RENEWABLES GMBH



# Making models less complicated /

Financial Modelling  
**Training**



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[READ THE F1F9 BLOG >](#)

Whatever your business, we've modelled it...



# Financial Modelling Specialists /

We teach financial modelling courses all over the world. And all of them are based on the FAST Standard – a widely used, independent financial modelling standard that is open to all.

We also run a busy financial modelling practice with over 20 modellers, all of whom use the techniques we teach on our courses.

Financial modelling is our core business.  
**This is what we do.**

To discuss how we can help your team to develop their modelling skills call **Alex Arnold** on **+44 203 239 8575** or email **[alex.arnold@f1f9.com](mailto:alex.arnold@f1f9.com)**.

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