

# MONECO FINANCIAL TRAINING

## PROJECT FINANCE MODELLING WORKSHOP

**May 20 - 21, 2019**

**Lecturer: Alastair Day**

**Registration Deadline: May 6, 2019**

**MONECO**  
Financial Training

Upcoming Seminar

# PROJECT FINANCE MODELLING WORKSHOP

DATES: **May 20 – 21, 2019** • PRICE: **€ 1,400** • LOCATION: **Prague, NH Hotel Prague**

- **Best Practices in Project Finance Modelling**
- **Model Design and Structure**
- **Modelling of Production Forecast**
- **Analysing the Key Operating Assumptions**
- **Fixed Assets, CAPEX and Depreciation Schedules**
- **Analysing Debt Capacity and Debt Servicing Ratios**
- **International Cash Flow Statement and Ratios**
- **DCF, Project Returns and Risk**
- **Contractual Issues and Arrangements**

## Workshop Objectives

The purpose of the workshop is for participants to learn how to build a project finance model using best practice principles. This will include the development of financial statements and the mastering of the main Excel techniques (such as forecasting, risk issues, differing scenarios and optimisation). They will learn how to deal with more problematic modelling issues and gain hands-on experience of applying these skills.

## Key Points

Many models fail due to inadequate structures and methodology and this workshop offers the opportunity to build a comprehensive financial model using international best-practice principles. The workshop commences with a discussion of objectives and common mistakes and then develops the case model in stages. On completion, participants will have built a complete model for future use and review.

## Who should attend?

- Project finance executives
- CFOs
- Financial controllers and managers
- Financial and business analysts
- Project risk managers
- Accountants

## Methodology

The workshop is taught using demonstrations combined with practical and interactive case studies. The exercises in each session reinforce the concepts covered in each of the units. Emphasis is placed on delegates gaining practical, hands-on experience of the design and construction of financial models in Excel. Comprehensive product notes and modelling software are provided for future reference.

## Materials

Participants will receive printouts of all slides and the Excel spreadsheets used during the workshop plus a selection of templates and add-ins.

**MONDAY, MAY 20**

**09<sup>00</sup> – 09<sup>15</sup>**

### Welcome and Introduction

**09<sup>15</sup> – 12<sup>00</sup>**

### Overview of the Workshop and Project Model Case

- Presentation of workshop case and review of theory
- Offtake agreements, completion undertakings and security issues
- Model objectives – viability, debt capacity, returns (NPV, IRR etc.), sensitivities
- Setting model targets for debt cover and project returns
- Review of an existing model to highlight common modelling errors
- Systematic Design Method
- Model design and structure – key steps
- Model layout and design
- Required sheets and modules
- Key Excel features and techniques

**Practical: producing a model framework using best practice**

### Production Forecast

- Useful modelling techniques
- Dealing with multiple currencies
- Comparison of nominal versus real figures
- Modelling production sales and volume
- Input prices and gross costs

**Practical: completing operating statements**

**12<sup>00</sup> – 13<sup>00</sup>**

### Lunch

**13<sup>00</sup> – 17<sup>00</sup>**

### Fixed Assets

- Construction and interest during construction

- Accounting depreciation of fixed assets
- Developing schedules and workings

**Practical: CAPEX and depreciation schedules**

### Project Financing and Cash

- Review of sources and types of debt finance
- Developing the project debt capacity
- Adding financing and loans
- Multiple rates, terms and repayment profiles
- Varying debt amortisation schedules

**Practical: Loans schedule with balance sheet and income statement inputs**

**TUESDAY, MAY 21**

**09<sup>00</sup> – 09<sup>15</sup>**

### Recap

**09<sup>15</sup> – 12<sup>00</sup>**

### Income Statement and Balance Sheet

- Bringing together the workings for revenue, assets, debt and capital expenditure
- Developing an income and balance sheet
- Ensuring model checks on consistency
- Methods of dealing with any circular references

**Practical: completing and checking the initial statements**

### Cash Flow and Ratios

- Deriving an international cash flow statement
- Cash flow to equity and debt providers (CFADS)
- Loan life / project life ratio
- Annual debt service ratio
- Cash extraction and dividend issues
- Checking the project debt capacity and covenants

**12<sup>00</sup> – 13<sup>00</sup>**

### Lunch

**13<sup>00</sup> – 17<sup>00</sup>**

### DCF and Project Returns

- Review of discounting theory
- Developing a suitable project and equity discount rate
- Methods of adding terminal value
- Producing project and equity returns
- Checking the returns against the project targets

**Practical: adding equity valuation to the template**

### Risk and Sensitivity

- Assessment of project risks
- Suitable Excel risk techniques
- Adding model sensitivities and what-if analysis
- Dynamic changes and management reporting

**Practical: Adding key sensitivity and scenarios**

### Evaluation and Termination of the Workshop



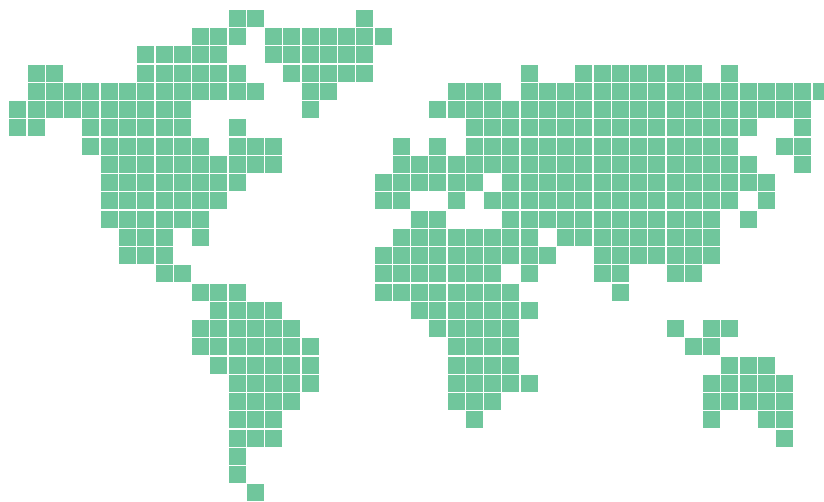
*The workshop will be highly practical and hands-on. Participants are required to bring a notebook with MS Excel. Course files will be distributed during and after the workshop.*

### **Alastair Day**

Alastair is a finance professional with extensive experience of modelling, corporate finance and leasing. Alastair was previously a director of a start-up leasing company, which was later sold to a public company.

Later, Alastair established Systematic Finance as an independent lessor and consultancy where he conducts consulting and contracting assignments on finance and modelling. Past projects have included aircraft leasing, investment, debt restructuring, valuation and project finance models for a variety of clients. Alastair designs and delivers courses covering financial modelling, credit analysis and equipment leasing. He is the author of modelling textbooks such as Mastering Financial Modelling, Mastering Risk Modelling, Mastering Cash Flow and Valuation Modelling and Mastering Financial Mathematics in Excel together with a number of leasing and credit books.

Alastair has a degree in German and Economics from London University and an MBA. He has held positions as an associate lecturer at the OUBS and the ifs School of Business (Chartered Institute of Bankers).



*Knowledge Leads the Way...*

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# Terms and Conditions of the MONECO Financial Training

## MONECO Financial Training

MONECO Financial Training offers a comprehensive programme of English-language seminars, trainings and practical workshops lectured by qualified tutors. Our objective is to provide the industry professionals with advanced financial know-how and up-to-date analytical methods and skills.

## Seminar Venue and Accommodation

The bulk of the MONECO seminars are traditionally held at the international four-star NH Prague Hotel in Prague, Czech Republic. Since we are expanding our training activities, we run some selected seminars also in other European destinations. Accommodation is not included in the seminar price, but upon request we are happy to offer you hotel reservations in every of our training destinations at special discounted prices for our valued clients.

## Tuition Language

Seminar tuition is in English language, as are all manuals, training software etc. Therefore, in order to benefit from participation, at least a passive knowledge of English, including common financial phrases and related terminology, is required.

## Registration

Clients who decided to participate, should submit us in advance a registration for a particular seminar (letter, fax, internet etc.). Subject to availability, the participant will then receive a confirmation of participation. The number of participants is always strictly limited in order to secure an effective and focused learning environment.

## Seminar Prices

The quoted seminar prices are per person and include all the training manuals, lunches and refreshments, certification diploma in English and selected software solutions used at the seminar. The price does not include hotel accommodation. Quoted prices are exclusive of local VAT (21 %) "Bundle" prices represent the total fee for participation in mutually related seminars (i.e. "Bundles 3+2, 2+3, 2+2, 3+1, 1+3, 1+2+2 and 2+2+1"). "Bundle" prices are provided in the Calendar of the MONECO Financial Training seminars.

## Discounts

Bulk discounts are offered when submitting an application for the participation of more than one person. A 10 % discount is offered when at least two participants from one company register for a seminar or one participant registers at once for two or more seminars. The discounts do not apply for "bundle" prices, as these already represent discounted prices.

## Invoicing and Payment

An invoice for the seminar price will be sent to the participants no later than 10 working days prior to the beginning of the seminar. **Full payment of the invoice must be made before the start of the seminar as a precondition of participation.**

## Terms of Cancellation

If for whatever reasons a registered participant is unable to attend, a substitute delegate may be appointed to participate instead. For cancellations received 20 days or more before the beginning of the seminar, a 10 % cancellation fee of the full price will be invoiced i.e. 90 % of the price is refunded. **For cancellations received less than 20 days prior to the beginning of the seminar, the full price is payable i.e. no refund will be provided. All cancellations must be in writing.** The organizers of the MONECO Financial Training courses reserve the right to cancel the individual participation or cancel the entire seminar or part of it for whatever unspecified reasons, including possible force majeure. In this case, the price paid will be refunded in full or in part, accordingly.

## REGISTRATION FORM

**Registration Deadline:  
May 6, 2019**

• Project Finance Modelling Workshop	May 20 – 21, 2019	€ 1400	<input type="checkbox"/>
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### COMPANY

Name:

Approving Manager:

Person responsible for training:

Address:

Tax Registration No.:  VAT Identification No.:

### PARTICIPANTS

1. Title:  Name:  Phone:   
Mr/Mrs/Ms  
E-mail:  Position:

2. Title:  Name:  Phone:   
Mr/Mrs/Ms  
E-mail:  Position:

3. Title:  Name:  Phone:   
Mr/Mrs/Ms  
E-mail:  Position:

Date:  Signature: