



# **Mastering Project Finance and Projects Financial Modelling**



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## **Course Overview:**

The course is a complete training course that immerses participants in the fundamentals and advanced aspects of project finance. This course covers essential topics including project finance fundamentals, stakeholder dynamics, and the differences between project finance structures and corporate finance. Participants will explore a range of project finance models and develop best practices in financial modeling, with hands-on experience in creating integrated financial statements and applying control account methodologies.

## **Target Audience:**

- Financial Analysts, Project Finance Managers, Investment Analysts
- Project Managers and Corporate Finance Professionals
- Senior Accountants, Treasury Analysts, and Finance Directors

## **Targeted Organizational Departments:**

- Finance
- Treasury
- Project Management
- Investment
- Strategic Planning departments.

## **Targeted Industries:**

- Infrastructure
- Real Estate
- Renewable Energy
- Oil & Gas
- Telecommunications
- Public-Private Partnership sectors.

## Course Offerings:

By the end of this course, participants will be able to:

- Differentiate project finance from corporate finance, focusing on model structures.
- Develop robust project finance models and integrated financial statements.
- Model timing flexibility and delays, calculate debt ratios, and optimize financial models.
- Analyze financing costs, sculpt debt repayments, and manage project funding requirements.
- Test models for robustness and use Visual Basic for circularity management.

## Training Methodology:

The course employs an engaging blend of interactive lectures, group discussions, and case studies to enhance understanding of project finance fundamentals, control account methodology, and model development.

## Course Toolbox:

- Course ebook, Case Study Documents, Excel Templates for Financial Modeling
- Online resources and checklists on best practices in project finance models

## Course Agenda:

### Day 1: Foundations of Project Finance

- **Topic 1:** Introduction to Project Finance - Key Features and Stakeholders
- **Topic 2:** Project Finance Structures and Their Applications
- **Topic 3:** Types of Project Finance Models and Their Uses
- **Topic 4:** Project Finance vs. Corporate Finance - Key Comparisons
- **Topic 5:** Understanding Financial Modeling in Project Finance
- **Topic 6:** Overview of the Project Finance Model Development Process
- **Reflection & Review:** Key Concepts in Project Finance and Model Development

### Day 2: Modeling Best Practices and Timing Calculations

- **Topic 1:** Recap of Modeling Best Practices and Integrated Financial Statements
- **Topic 2:** Control Account Methodology in Project Finance Models
- **Topic 3:** Order of Model Construction in Project Finance
- **Topic 4:** Project Timing Calculations - Construction and Operating Phases
- **Topic 5:** Modeling Timing Flexibility and Delay Scenarios
- **Topic 6:** Incorporating Indexation Factors in Project Models
- **Reflection & Review:** Applying Modeling Best Practices and Timing Calculations



### **Day 3: Construction Phase Modeling and Funding**

- **Topic 1:** Treatment and Capitalization of Asset Classes in Project Finance
- **Topic 2:** Determining Project Funding Requirements and Sources
- **Topic 3:** Managing Drawdown Orders and Circularity Issues
- **Topic 4:** Debt Sizing and Modeling Financing Costs
- **Topic 5:** One-off and Ongoing Fees in Project Finance
- **Topic 6:** Accessing Public Funds for Project Finance
- **Reflection & Review:** Construction Phase Modeling and Funding Strategies

### **Day 4: Operations Phase Modeling and Debt Management**

- **Topic 1:** Overview of Availability Payment Models
- **Topic 2:** Modeling Cash Waterfall Structures in Project Finance
- **Topic 3:** Non-Sculpted vs. Sculpted Debt Repayments
- **Topic 4:** Calculating Reserve Accounts and Debt Ratios
- **Topic 5:** Simplified Corporation and Deferred Tax Calculations
- **Topic 6:** Equity Investor Returns and Restrictions on Distributions
- **Reflection & Review:** Operational Modeling and Debt Structuring Techniques

### **Day 5: Outputs, Optimization, and Model Testing**

- **Topic 1:** Key Outputs for Funders and Sponsors in Project Finance
- **Topic 2:** Running Optimization Procedures in Project Finance Models
- **Topic 3:** Leveraging Optimization Levers and Model Outputs
- **Topic 4:** Introduction to Visual Basic for Financial Model Automation
- **Topic 5:** Stress Testing Models and Ensuring Robustness
- **Topic 6:** Tips and Tricks for Model Testing and Troubleshooting
- **Reflection & Review:** Course Wrap-Up, Q&A, and Final Reflections on Model Mastery

### **How This Course is Different from Other Project Finance Courses:**

The course stands out by offering an in-depth, hands-on approach to mastering project finance models. Unlike many courses that focus solely on theory, this course provides participants with practical methods and real-world case studies, allowing them to apply project finance fundamentals, financing costs modeling, and timing flexibility to realistic scenarios.



## Training Course Categories



**Finance and  
Accounting Training  
Courses**



**Agile PM and Project  
Management Training  
Courses**



**Certified Courses By  
International Bodies**



**Communication and  
Public Relations  
Training Courses**



**Data Analytics Training  
and Data Science  
Courses**



**Environment &  
Sustainability Training  
Courses**



**Governance, Risk and  
Compliance Training  
Courses**



**Human Resources  
Training and  
Development Courses**



**IT Security Training & IT  
Training Courses**



**Leadership and  
Management Training  
Courses**



**Legal Training,  
Procurement and  
Contracting Courses**



**Maintenance Training  
and Engineering  
Training Courses**



# Training Course Categories



**Marketing, Customer Relations, and Sales Courses**



**Occupational Health, Safety and Security Training Courses**



**Oil & Gas Training and Other Technical Courses**



**Personal & Self-Development Training Courses**



**Quality and Operations Management Training Courses**



**Secretarial and Administration Training Courses**



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## Training Cities



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**Amsterdam - Netherlands**



**Baku - Azerbaijan**



**Bali - Indonesia**



**Bangkok - Thailand**



**Barcelona - Spain**



**Cairo - Egypt**



**Cape town - South Africa**



**Casablanca - Morocco**



**Chicago - USA**



**Doha - Qatar**



**Dubai - UAE**



**Geneva - Switzerland**



**Istanbul - Turkey**



**Jakarta - Indonesia**



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## Training Cities



**Johannesburg -  
South Africa**



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Malaysia**



**Langkawi -  
Malaysia**



**London - UK**



**Madrid - Spain**



**Manama - Bahrain**



**Milan - Italy**



**Munich - Germany**



**Nairobi - Kenya**



**Paris - France**



**Phuket - Thailand**



**Prague - Czech  
Republic**



**Rome - Italy**



**San Diego - USA**



**Sharm El-Sheikh -  
Egypt**



**Tbilisi - Georgia**



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## Training Cities



**Tokyo - Japan**



**Trabzon - Turkey**



**Vienna - Austria**



**Zanzibar - Tanzania**



**Zoom - Online  
Training**

# WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

## OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

## OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

## WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



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