



Mastering Project Finance and Projects Financial Modelling



AGILE LEADERS
Training Center

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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.

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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Gamified and Interactive Training

We understand that training delivery can be challenging, both online and offline. To ensure engagement and achieve learning objectives, we have developed our own activities and collaborated with industry-leading solutions to gamify our training sessions. This approach increases interaction levels and guarantees effective learning outcomes.



Our Training Categories

We cover a wide range of training categories to cater to different needs and interests

- Branding, Marketing, Customer Relations, & Sales Programs
- Finance and Accounting Programs
- Human Resources Management Programs
- Management & Leadership Programs
- Political & Public Relations Programs
- Project Management Programs
- Quality & Process Management
- Self-Development Programs

Join Agile Leaders today and embark on a transformative journey towards becoming a more agile and effective leader. Experience our customer-centric approach, actionable training, and guaranteed return on investment. Let us help you unleash your full potential in the dynamic business landscape.



Where to Find Us

You can join our training programs at our centers located in

We also offer online training sessions through the Zoom platform.



- Malaysia**
Kuala Lumpur
- Morocco**
Casablanca
- Spain**
Barcelona
- France**
Paris
- UK**
London
- Italy**
Rome
- Egypt**
Cairo
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