

Masterclass on Asset Liability Management (ALM)  
Optimization

*Rome (Italy)*

*14 - 18 April 2025*

UK Training

**PARTNER**



## Masterclass on Asset Liability Management (ALM) Optimization

Code: FA28 From: 14 - 18 April 2025 City: Rome (Italy) Fees: 4200 Pound

### Introduction

The role of the active management of the banking book in the banking industry is constantly growing. This is dictated by heavily regulated landscape and increased competition for resources such as liquidity and capital. Given the market pressure, the relentless pursuit for the most efficient and productive use of a bank's resources subject to consolidated risk and return appetite remains of utmost importance for banks of all size. Consequently, strategic ALM can significantly improve financial performance by delivering a better balance between returns and risks across the on and off-balance sheet items.

### Course Objectives

- Understand the ALM role in a financial institution.
- Gain knowledge on the IRRBB measurement techniques.
- Gain knowledge on the IRRBB profitability enhancement strategies.
- Overcoming the practical challenges related to the BCBS 368 requirement.
- Gain knowledge on the pricing of liquidity.
- Overview of the best practice in the Funds Transfer Pricing process.
- Overview of the balance sheet optimization techniques.

### Course Outlines

#### Day 1: ALM Introduction and Overview

- IRRBB measurement, management and strategies.
- Case study: calculation of the NII sensitivity and EVE volatility under different interest rate scenarios.
- Case study: assessment of the basis risk through re-fixing gap analysis.
- Case study: analysis of the IRRBB metrics - is the IRRBB well managed?

#### Day 2: Introduction to the liquidity risk managed within ALM

- Case study: calculation of the size of the liquidity buffer in a bank.
- Trade-off between hedging and funding strategies.
- Case study: undertaking different hedging and funding strategies - what happens?
- Case study: Pros and Cons of the use of derivatives - practical example.
- Summary of the main take away messages for the IRRBB and liquidity.
- Basel Committee of Banking Supervision Standards and European Banking Authority - detailed analysis of the requirements for IRRBB.

#### Day 3: ALM role in the FTP framework

A graphic of a chessboard with several chess pieces (a king, a queen, a rook, and a pawn) on it. The pieces are gold and silver. The board is white and black squares. In the background, there are concentric circles radiating from the center.

UK Training  
**PARTNER**

- What is Funds Transfer Pricing?
- Case study: calculation of Net Interest Margin in business units and ALM.
- Case study: analysis of the ALM P&L components.
- Introduction to the Balance Sheet Optimisation techniques.
- Conclusions and Questions.

#### Day 4: Formulation of the Optimisation Process and Articulation of the Decision Model

- The Optimisation Method Applied to the Banking Book .
- Introduction of the Optimisation Concept.
- Definition of the Initial Banking Book Profile.
- Building the Objective and Constraint Functions in the Optimisation Process.
- The Importance of Model Sensitivity Analysis.
- Definition of the Sensitivity Parameters for the Optimisation Model.
- [Significant Changes in Interest Rates] Scenario.
- Changes in the Initial Proportions of the Asset Base.
- Changes in the Output of the Deposit Characterisation Model - Balance Volatility, Balance Sensitivity, and Average Life of the Product.
- Introduction of the CPR into the Model.

#### Day 5: Derivatives Hedging in ALM

- Derivatives hedge accounting under IFRS 9. What place for non-designated hedges with economic benefit?
- Review of key interest rate and FX derivatives used in ALM.
- Level 2 vs. Level 3 valuation.
- Using interest rate derivatives to manage net interest income, fair value portfolios, and funding management.
- Standard vs. non-standard derivatives.
- Operational and liquidity implications.
- Enhancing income through use of derivatives.
- ALM impact of clearing derivatives through central clearers vs. bilateral margining.
- Collateral and capital implications of new derivatives regulations.
- Impacts on capital and financial performance from derivatives applications.



## Blackbird Training Cities

### Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)  
(Netherlands)



Podgorica (Montenegro)



Batumi (Georgia)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



Manchester (UK)



Milan (Italy)



## Blackbird Training Cities

### USA & Canada



Los Angeles (USA)



Orlando, Florida (USA)



Online



Phoenix, Arizona (USA)



Houston, Texas (USA)



Boston, MA (USA)



Washington (USA)



Miami, Florida (USA)



New York City (USA)



Seattle, Washington (USA)



Washington DC (USA)



In House



Jersey, New Jersey (USA)



Toronto (Canada)

### Africa



Baku (Azerbaijan)  
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney (Australia)



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Pulau Ujong (Singapore)



Jakarta (Indonesia)



Amman (Jordan)



Beirut (Lebanon)

UK Training  
**PARTNER**



## Blackbird Training Cities

### Asia



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Tangier (Morocco)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



## Blackbird Training Clients



UK Training  
**PARTNER**

## Blackbird Training Categories

### Management & Admin

Professional Skills  
Finance, Accounting, Budgeting  
Media & Public Relations  
Project Management  
Human Resources  
Audit & Quality Assurance  
Marketing, Sales, Customer Service  
Secretary & Admin  
Supply Chain & Logistics  
Management & Leadership  
Agile and Elevation

### Technical Courses

Hospital Management  
Public Sector  
Special Workshops  
Oil & Gas Engineering  
Telecom Engineering  
IT & IT Engineering  
Health & Safety  
Law and Contract Management  
Customs & Safety  
Aviation  
C-Suite Training



 International House 185 Tower Bridge  
Road London SE1 2UF United Kingdom

 +44 7401 1773 35  
+44 7480 775526

 [Sales@blackbird-training.com](mailto:Sales@blackbird-training.com)

 [www.blackbird-training.com](http://www.blackbird-training.com)

UK Training  
**PARTNER**

