



# Structured FX solutions

## Course description

## Aim

To provide an overview of how structured FX options could be used from an investor perspective

## Topics

### Definitions

- Review of product building blocks
- Review of option pricing theory

### Option risk management

- Understanding the option Greeks
  - Delta
  - Gamma
  - Vega
  - Theta
  - Rho
- Second order Greeks
  - Vol gamma
  - Vanna

### Barrier options

- Definitions
- Single vs. double barrier structures
- Pricing
- Risk management
- Applications

### Digitals

- Definitions
  - American
  - European
  - One touch
  - No touch
- Pricing
- Risk management
- Applications

### Forward structures

- Definitions
- Rationale
- Pricing
- Risk management

### Volatility swaps

- Definitions
- Applications
- Range accrual structures
- Target Accrual Redemption Notes

### Correlation structures

- Worst of options
- Dual asset structures

## Objectives

By the end of the seminar the participant will be able to:

- Define the major measures of option risk management for both vanilla and exotic structures
- Outline the main features of a variety of exotic option products
- Explain how the options could be applied within a portfolio context

## Is this the right course for you?

In order to get the most out of this course you should be able to answer the following questions:

1. What is the difference between a spot and a forward contract?
2. What are the basic features of a swap structure?
3. What is the difference between a call and a put option?
4. What are the main principles of option valuation

This course is not for you if you know the answer to the following questions:

1. What are the main features of barrier options?
2. What are the different types of digital options traded?
3. Is it possible for the delta of an exotic option to exceed 100%?
4. What is the difference between a volatility and variance swap?

## Duration

2-3 days