



**Controlling risk
when trading in
overseas currencies**

**Tobias Woodward &
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30 November 2017**

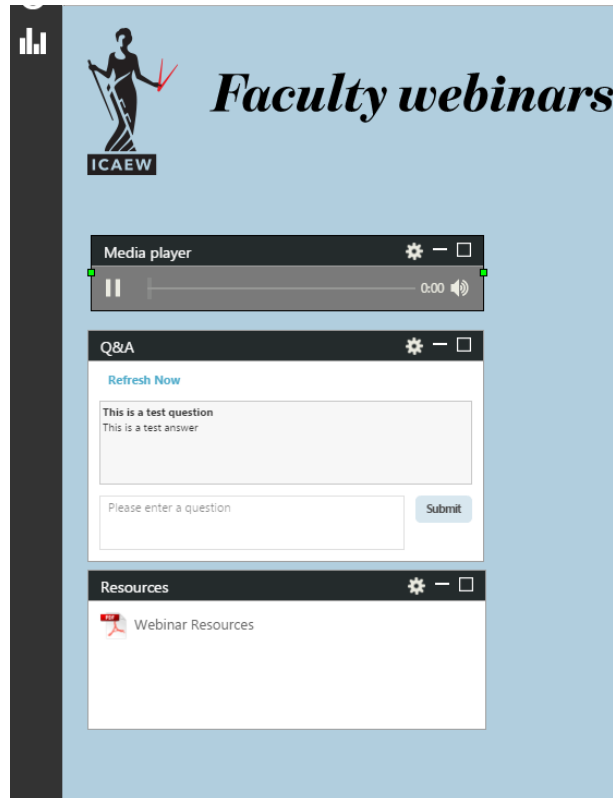
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Business & Management



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Options for risk when dealing with **overseas currencies**

Tobias Woodward & Guy Phelan - Moneycorp

Agenda



- ❖ Introduction to the FX Market
- ❖ Volatility and market movement
- ❖ Different ways of buying currency / hedging risk
- ❖ Practical Examples
- ❖ Options
- ❖ Market Forecasts
- ❖ Questions

The FX Market



- ❖ The Foreign Exchange market is the largest financial market globally - \$5.3 trillion traded per day
- ❖ FX Market vs Stock Market
- ❖ Approximately 150 currencies in the world, but not all of them are actively traded.
- ❖ More than 85% of FX deals involve US dollar.
- ❖ Speculators vs transactional foreign exchange



Poll Question 1

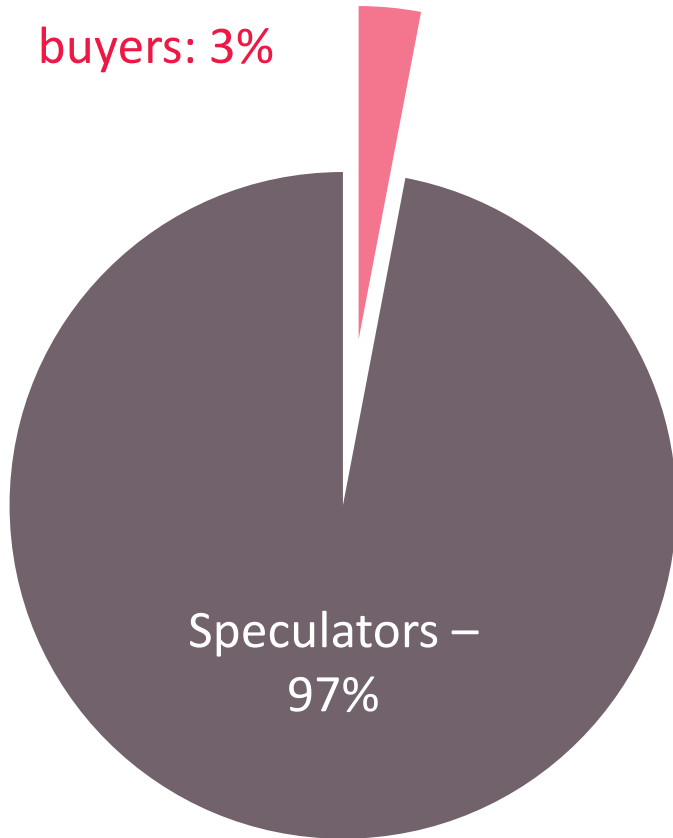
- ❖ What percentage of the market place are speculators as opposed to transactional buyers?

- ❖ Under 10
- ❖ 0 - 20%
- ❖ 21-40%
- ❖ 41-60%
- ❖ 61-80%
- ❖ 81-100%
- ❖ Over 90

The FX Market



Transactional
buyers: 3%

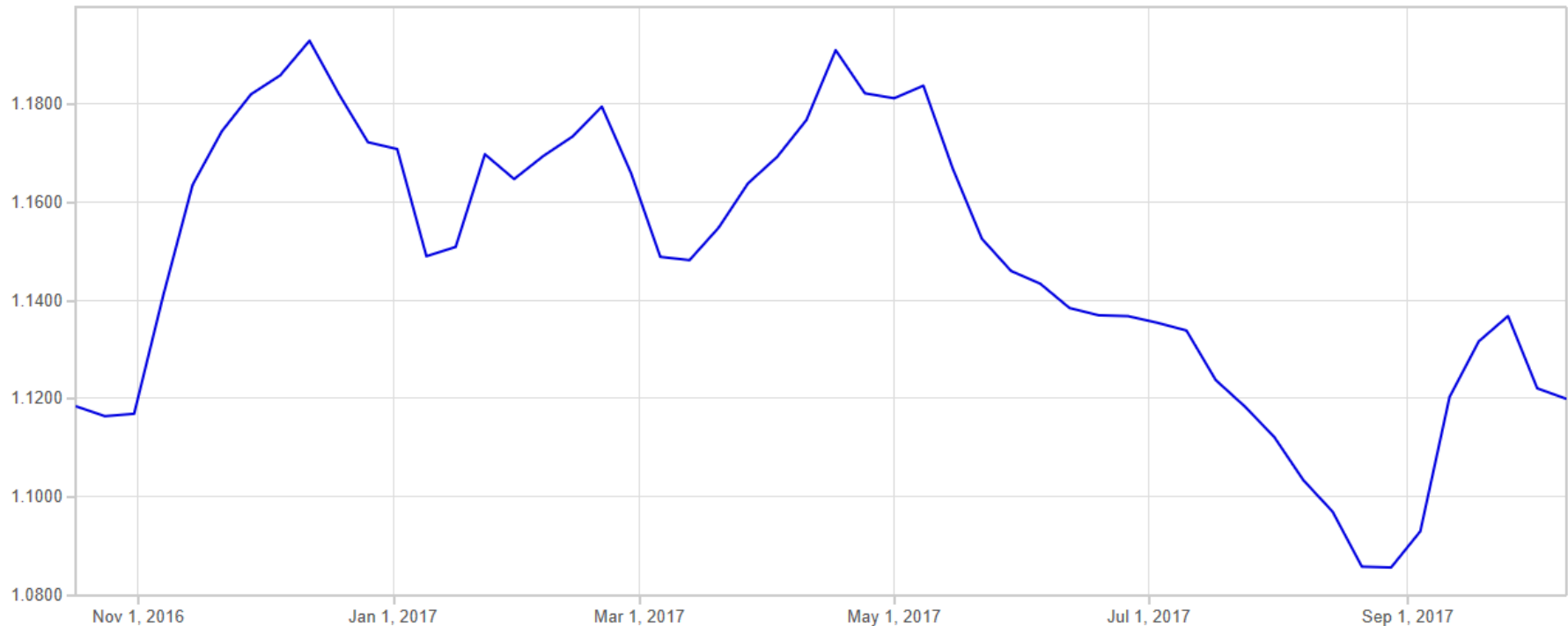


- ✦ Perception, fear and greed.
- ✦ Markets fluctuate constantly, making it difficult for companies to plan.
- ✦ Fluctuations can significantly add to costs, or erode profitability on projects and deals.



GBP/EUR - Market Movements 12 Months

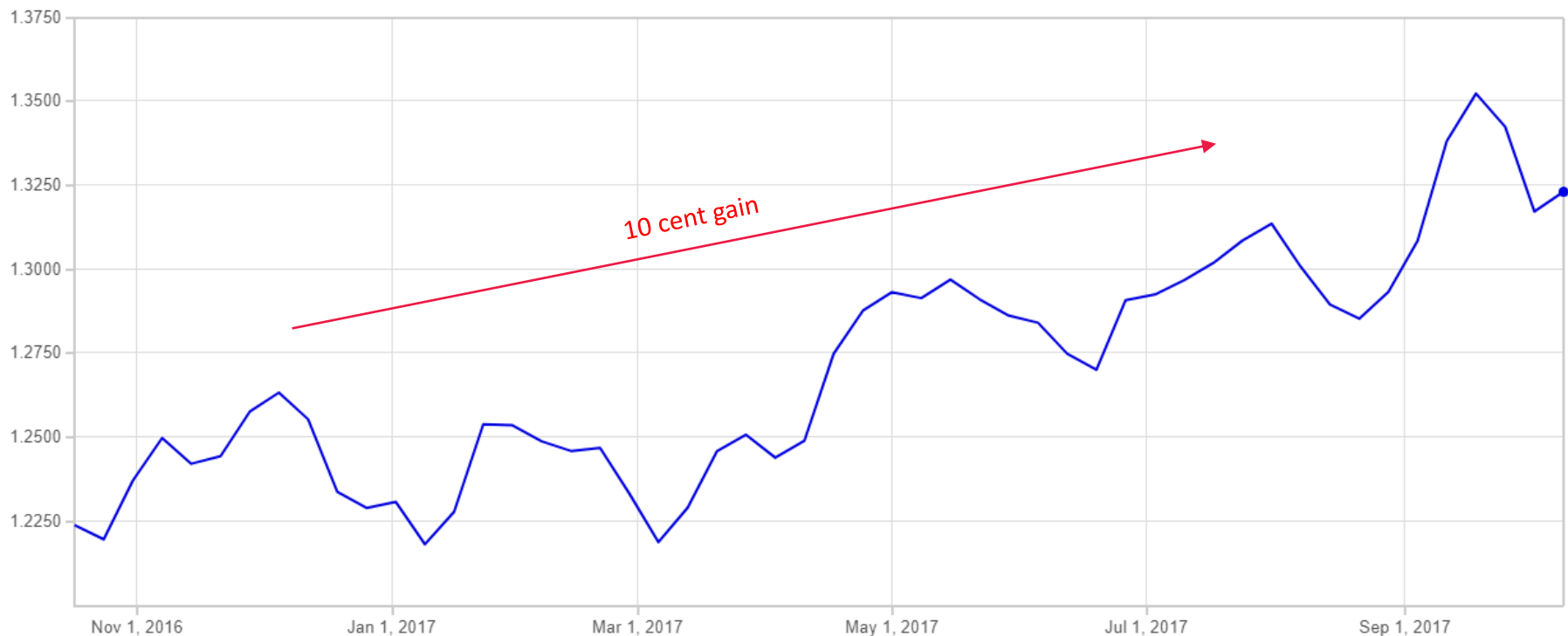
- ❖ 11% volatility - High 1.2040; low 1.0744
- ❖ Average rate: 1.1421
- ❖ When buying Euros with £500,000 this translated to a difference of **€64,800** between the year's high and low.





GBP/USD - Market Movements 12 Months

- 12% volatility - High 1.3654; low 1.1984
- Average rate: 1.2832
- When buying Dollars with £500,000 this translated to a difference of **\$83,500** between the 2017 high and low.





When Purchasing Currency

❖ Opportunity





- ❖ Exchange rates go in your favour
- ❖ Reducing costs
- ❖ Increasing profit margins
- ❖ Potential to boost revenue

❖ Risk

- ❖ Exchange rates go against you
- ❖ Costs increase
- ❖ Profit margins reduced
- ❖ Potential to reduce revenue



Different Ways To Buy Currency

Online			
Spot	Forward	Market orders	Options
Immediate delivery	Lock in to favourable rates longer term	Target a rate and minimise risk	Fixed rate with potential upside
			
Over the phone			



Spot Contract

- ❖ Allows you to trade 'on the spot'
- ❖ Spot contracts are useful if you need to purchase currency and make a payment quickly.
- ❖ Allows you to fix an exchange rate and settle your deal the same day or **up to two working days in advance.**

Spot Contract



❖ Advantages

- Total market participation (buy when suitable)
- Total flexibility (no risk of over purchasing)

❖ Disadvantages

- No protection from negative market volatility



Forward Contracts

- ❖ Fix a rate up to three years ahead
- ❖ Complete protection from volatility





Forward Contracts

- ❖ Fully flexible (drawdown)
- ❖ Purchase obligatory
- ❖ Credit implication





Forward Contracts

Advantages

- Total protection from volatility
- No premium

Disadvantages

- Purchase obligatory
- No market participation



Options



- ❖ A **vanilla option** gives the holder the right but not the obligation to exchange one currency for another at a specified rate on a specified date in the future.



Market Orders

- ❖ Need to purchase currency but not immediately
- ❖ Target a favourable rate through a market order





Market Orders

- ❖ A **limit order** allows you to set a target exchange rate
- ❖ Will trigger currency purchase automatically when rate is hit





Market Orders

- ❖ Conversely, a **stop loss** order allows you to set a 'worst case' exchange rate.
- ❖ Again, triggers automatically when hit.



Poll Question 2



Which products do you use the most:

❖ Spot

❖ Forward

❖ Market orders

❖ Options

❖ Mixture



Example of a Business Requirement

A business agrees a price to buy Steel from the USA at a cost of GBP £500K based on a rate of 1.3514. They have to pay the invoice in Dollars in 3 weeks - the rate is currently on an upward trend.





Spot Contract

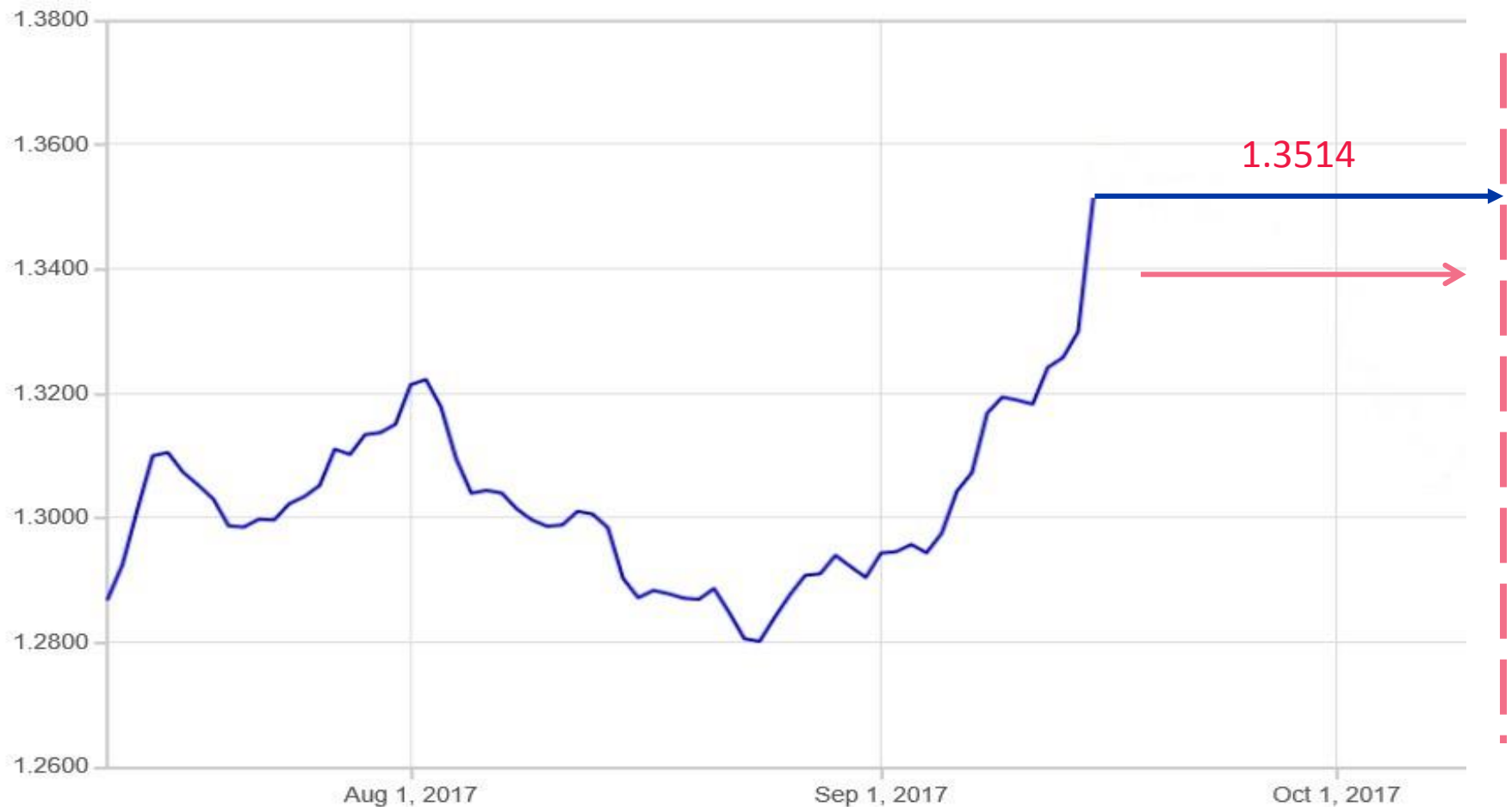
Buy on the day when the invoice is due.





Fix The Rate – Forward Contract

The company can secure the current rate for the three weeks at 1.3514





Target Rate - Market Order

The company can use market orders to target a rate by creating a limit order and stop loss





Which Strategy Would You Take?

This could depend on a business' attitude to risk, budgeted rates or preconceptions on the direction of the rate.

- SPOT - take risk of rate movement
- Market Order - target a rate
- Eliminate Risk and set rate with forward





Poll Question 3

Which strategy would you take?

- 1) Buy on spot, and take risk of rate movement in the meantime
- 2) Put a market order in at a target price
- 3) Eliminate risk and take out a forward contract



Which Strategy Would You Take?

In this example, GBPEUR falls from 1.3514 to 1.3062.





Results

- ❖ In this example a client would have saved \$22,600 if they had fixed the rate with a **Forward Contract** (compared with SPOT).

Action	Amount received	Difference
Forward Contract	\$675,700	+\$22,600
Market Order (stop loss)	\$665,000	+\$11,900
SPOT	\$653,100	0

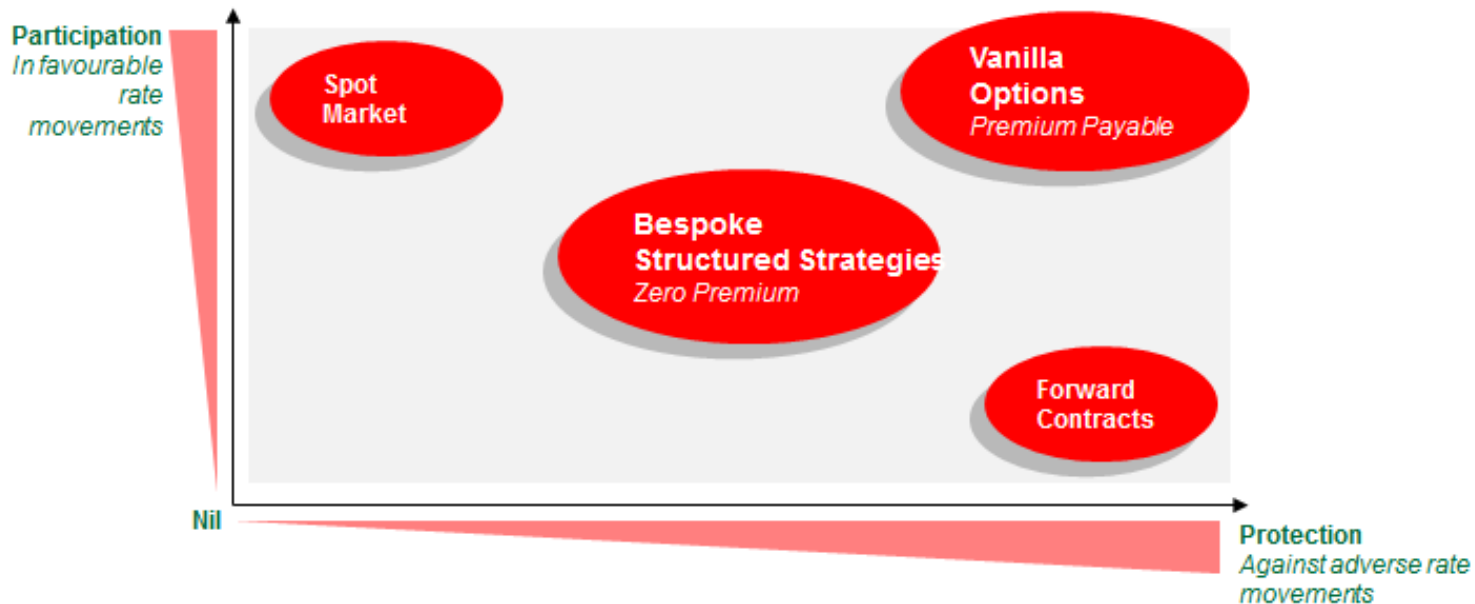
- ❖ Nobody knows where the markets will move – if you have a budgeted rate, it's prudent to protect yourself, depending on your attitude to risk.



Options

- ❖ Usually offer a level of protection, as well as potential upside market movement
- ❖ Will always pay a premium
- ❖ FX options are regulated investment products that carry a higher level of risk than forward contracts

Risk-Reward Matrix of Alternative Hedging Strategies

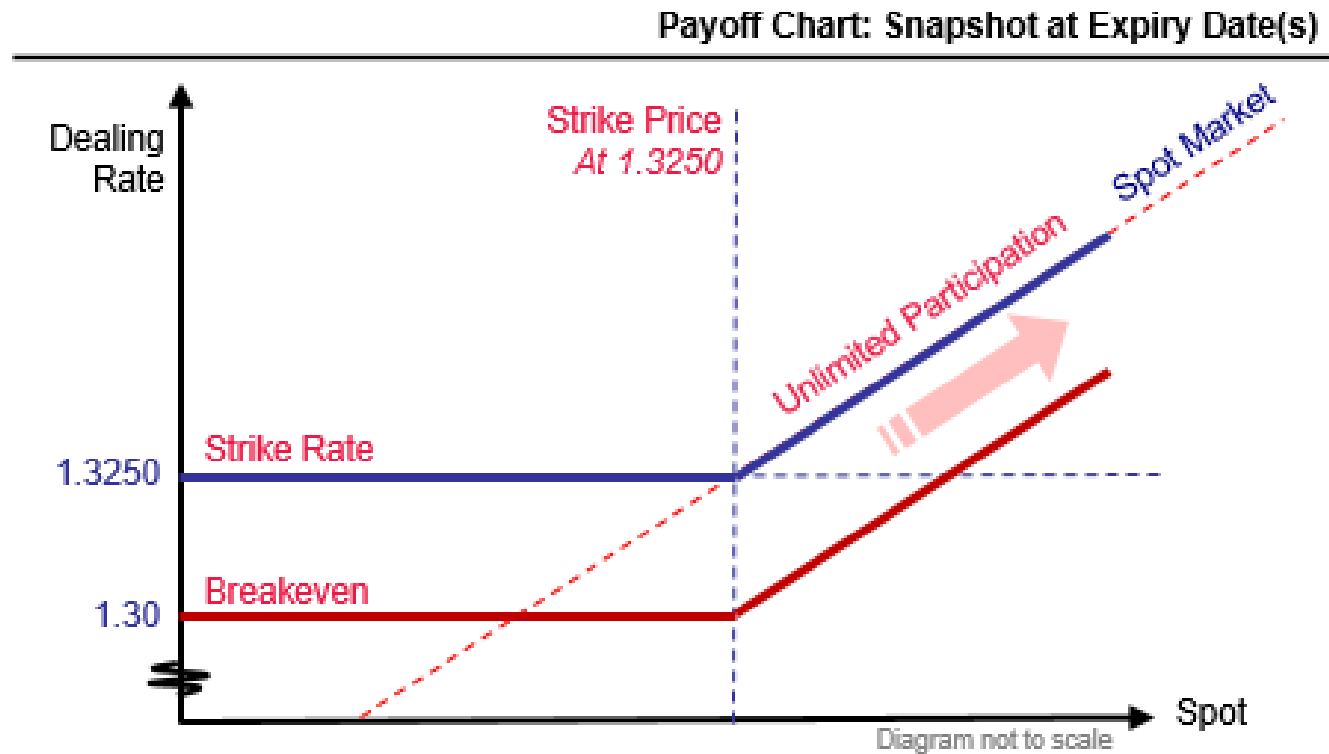




Options - Vanilla

- ❖ A **vanilla option** gives the holder the right but not the obligation to exchange one currency for another at a specified rate on a specified date in the future.
- ❖ A premium is charged for this option – much the same as an insurance policy.

Options - Vanilla





Options - Vanilla

Benefits

- ❖ Full protection
- ❖ Full participation
- ❖ Not subject to margin calls
- ❖ If the Client wishes to terminate the trade early, there would be no cost to do so

Risks

- ❖ Upfront premium payable to enter the trade will be lost if the Vanilla
- ❖ Option expires
- ❖ The true rate of protection *out of the money* is not the strike rate, but the breakeven rate, which takes the upfront premium paid into consideration



Zero Cost Options:

- ❖ Options strategies can offer you protection as well as the opportunity to benefit if the market moves in your favour, however there is usually no upfront cost.
- ❖ Upside limited
- ❖ May or may not leave an obligation
- ❖ Credit implications



Participating Forward

- ❖ **What is it?** A participating forward provides a guaranteed 'worst case rate' and also allows you to benefit from favorable exchange rate movements on a proportion of your contract amount e.g. **50%**
- ❖ No premium payable
- ❖ Full protection against adverse exchange rate movements
- ❖ Ability to partially benefit from favourable exchange rate move
- ❖ You need to accept a slightly worse rate than the prevailing forward rate movements



Participating Forward – Example 1

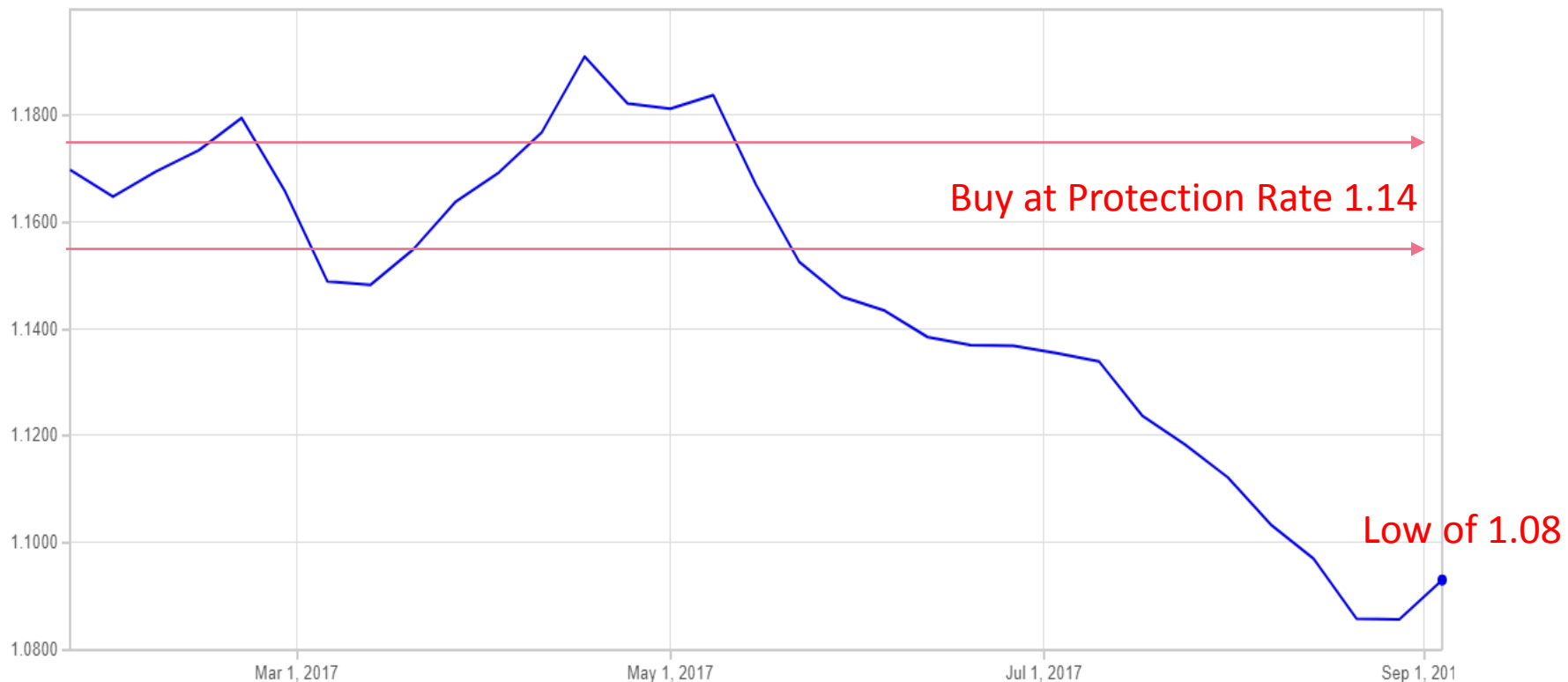
- ❖ GBP/EURO SPOT at 1.16
- ❖ Protection rate of 1.14
- ❖ Market will rise or fall..





Participating Forward – Example 1

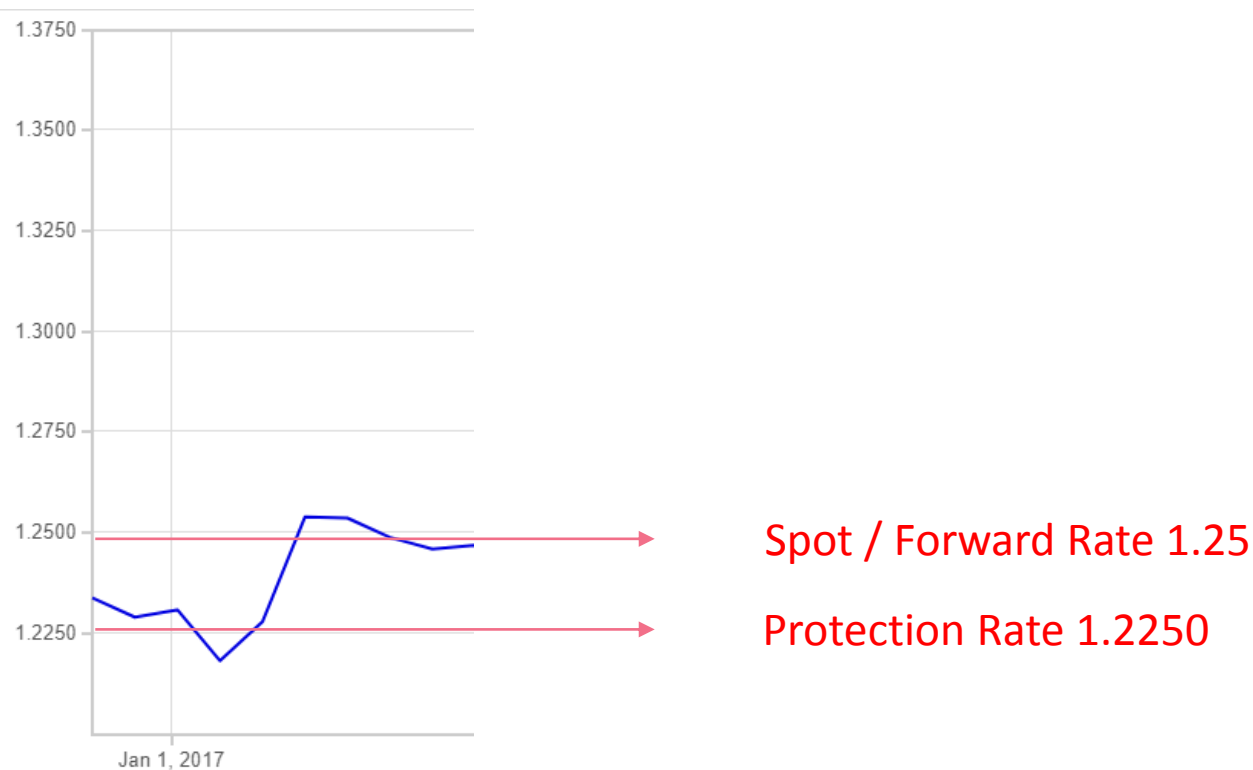
- ❖ Market falls below worst case rate of 1.14 (to 1.08)
- ❖ Have the right but not the obligation to buy at **1.14**





Participating Forward – Example 2

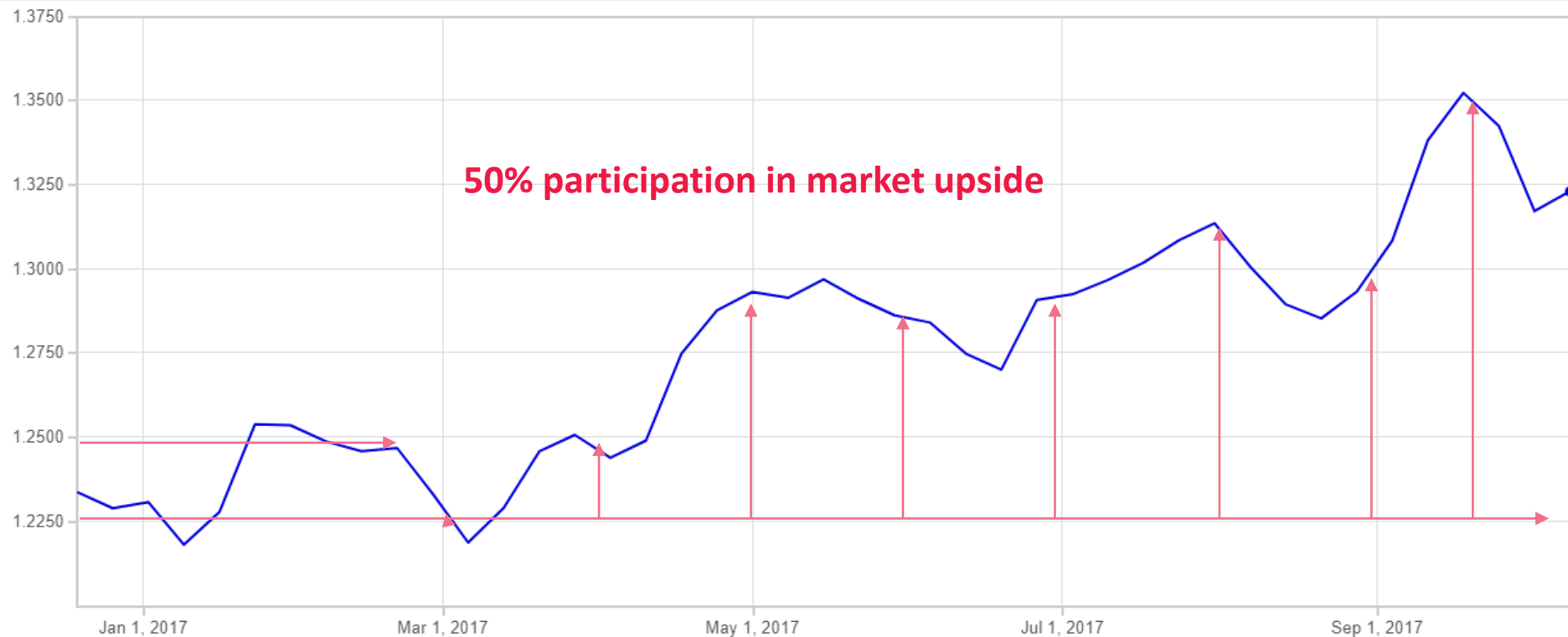
- ❖ GBP/USD SPOT at 1.25
- ❖ Protection rate of 1.2250
- ❖ Market will rise or fall





Participating Forward – Example 2

- ❖ Market rises to **1.35**
- ❖ Obligation to buy 50% at **1.2250**
- ❖ Option to Purchase rest at **SPOT**





Participating Forward Risks vs Reward

❖ Reward

- ❖ Guaranteed worst case rate
- ❖ No premium
- ❖ 50% Upside in positive market movements

❖ Risks

- ❖ Obligated to buy 50% at worst case rate
- ❖ Accept a slightly worse rate than the prevailing forward rate
- ❖ Fixed dated. Cannot 'draw-down'



Window Forward Extra

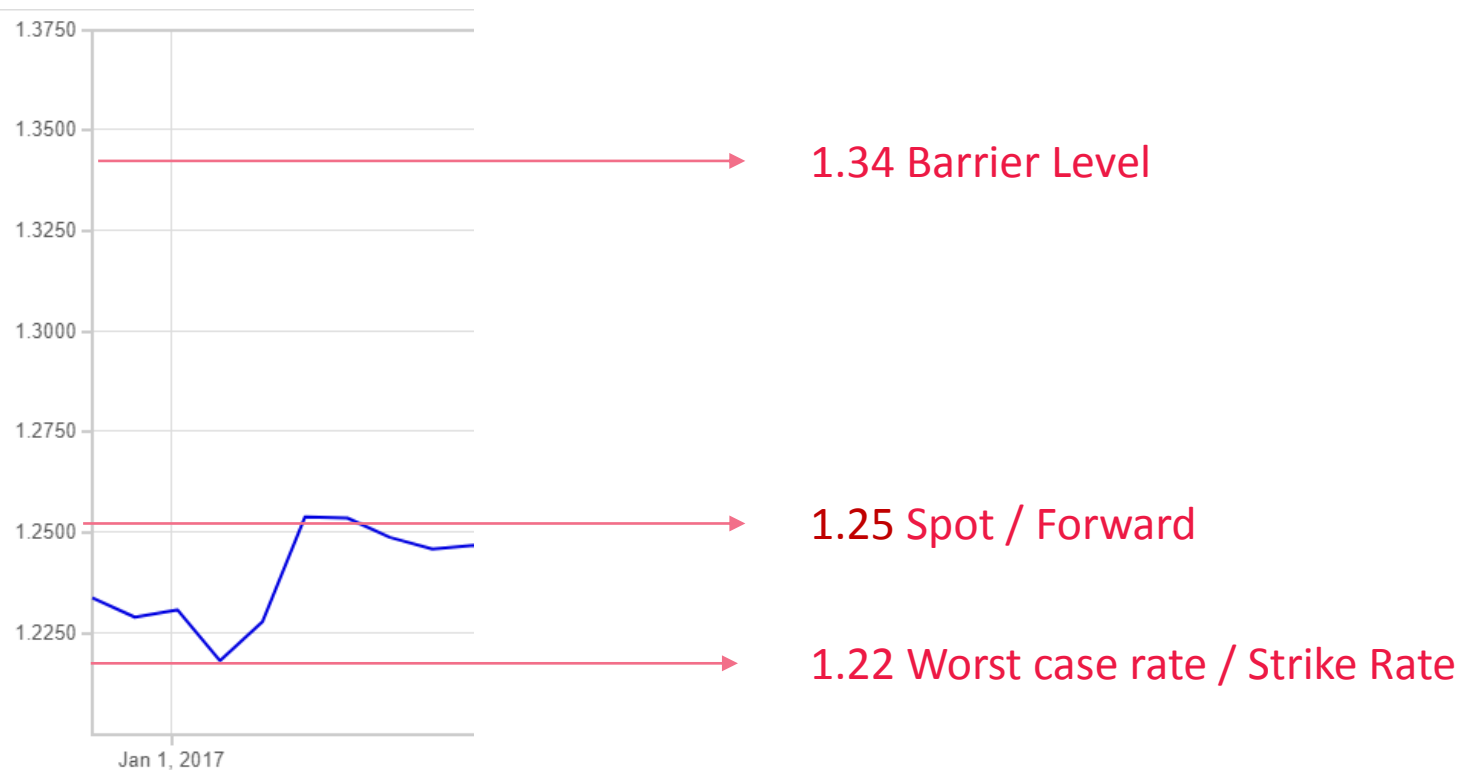
❖ What is it?

- ❖ A forward extra contract provides a guaranteed 'worst case rate' of exchange
- ❖ Allows the opportunity for you to fully participate in positive exchange rate movements, up to a pre-determined 'barrier level' If this barrier is breached during however, you are obliged to deal at your worst case rate
- ❖ You need to accept a slightly worse rate than the prevailing forward rate movements



Window Forward Extra – Example

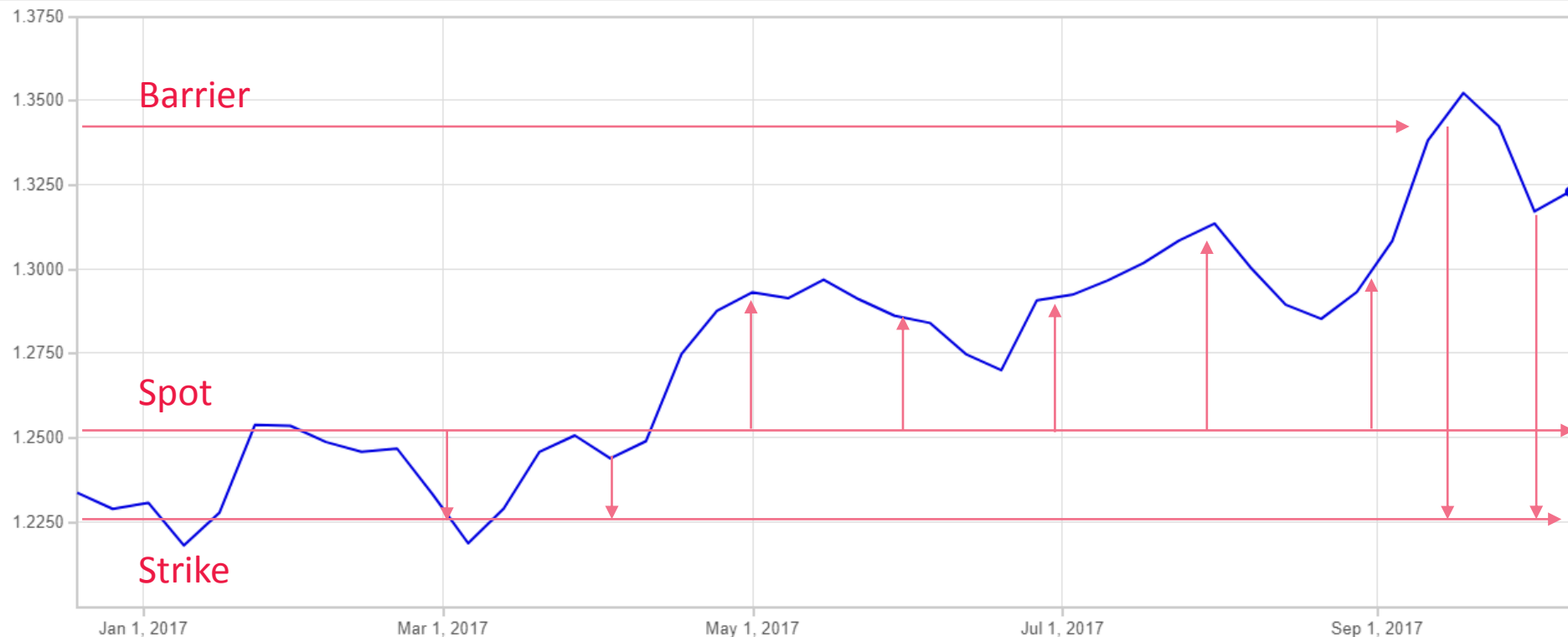
- ❖ Spot at **1.25**
- ❖ Worst case rate / Strike Rate **1.22**
- ❖ Enjoy full participation until Barrier Level reached at **1.34**





Window Forward Extra – Example 1

- ❖ Spot below forward rate for 2 months
- ❖ 100% 5 month upside from May until Sept
- ❖ Knocked down to Strike in Sept





Window Forward Extra Risk vs Reward

❖ Reward

- ❖ Guaranteed worst case rate
- ❖ No premium
- ❖ 100% Upside in positive market movements until 'upper barrier' breached

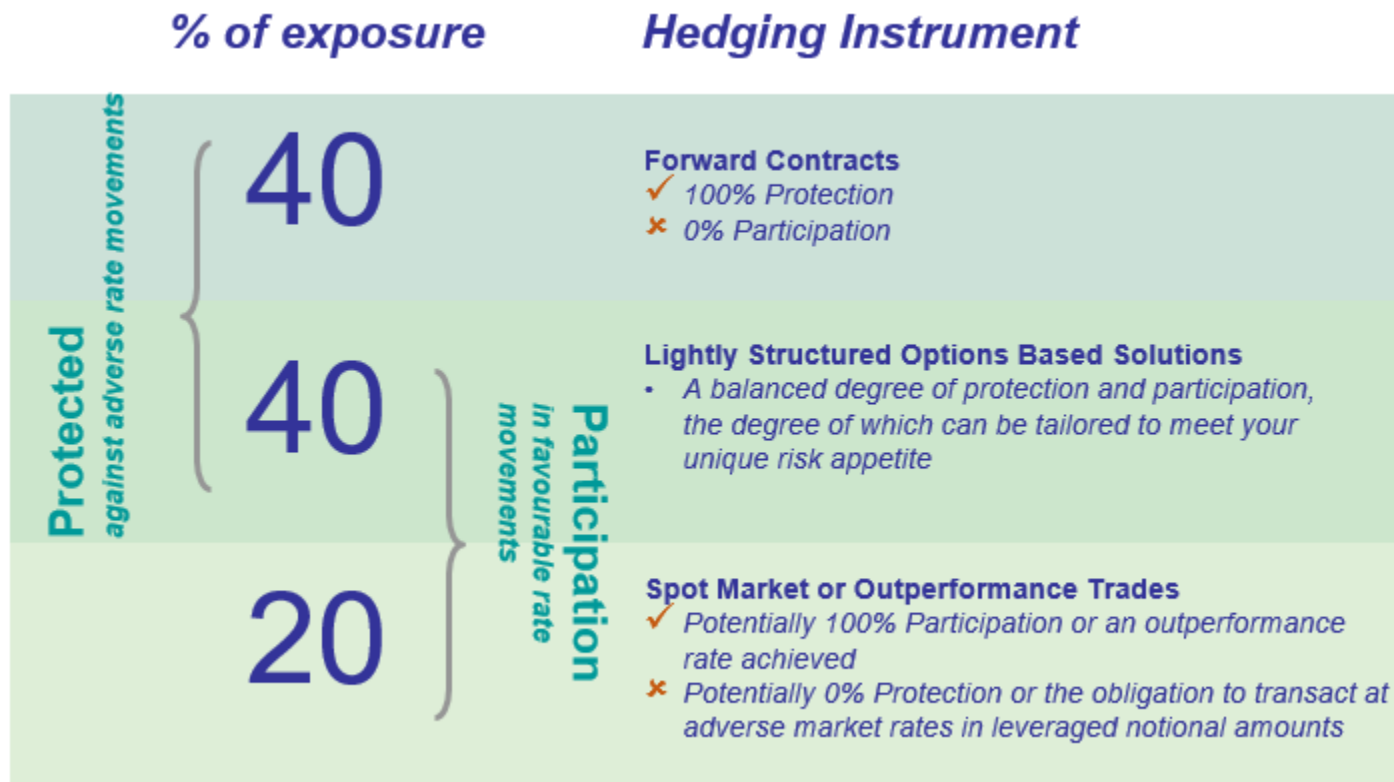
❖ Risks

- ❖ If the barrier level has been breached, you will be obliged to trade the full notional amount at the worst case rate.
- ❖ Accept a slightly worse rate than the prevailing forward rate
- ❖ Fixed dated. Cannot 'draw-down'



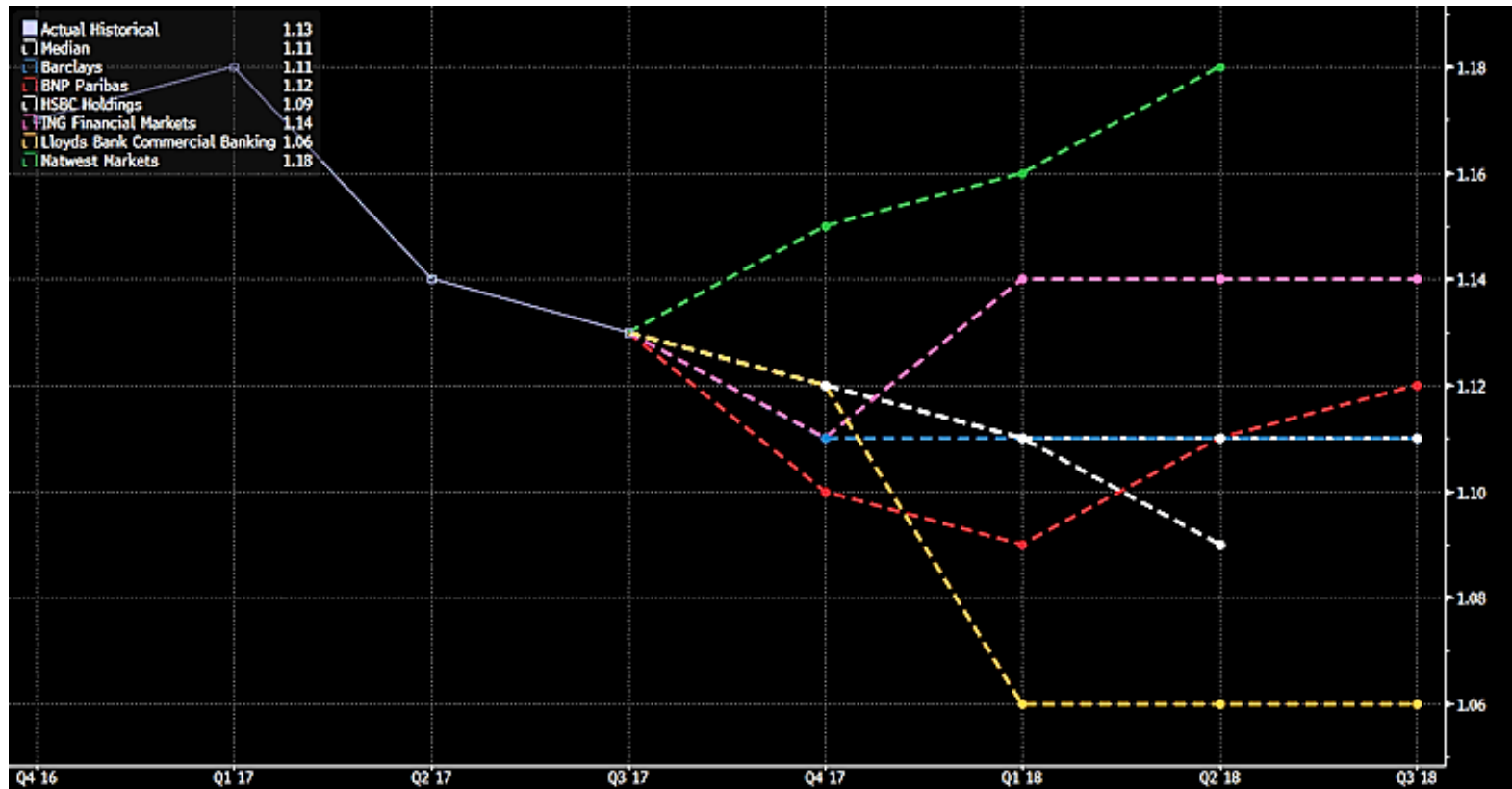
Hedging Strategy – Blended Approach

- ❖ The markets are unpredictable – not necessarily a right or wrong answer to which hedging tools to use
- ❖ Match your hedging strategy to your risk appetite / profile





GBP/EUR Multi-Bank Forecasts

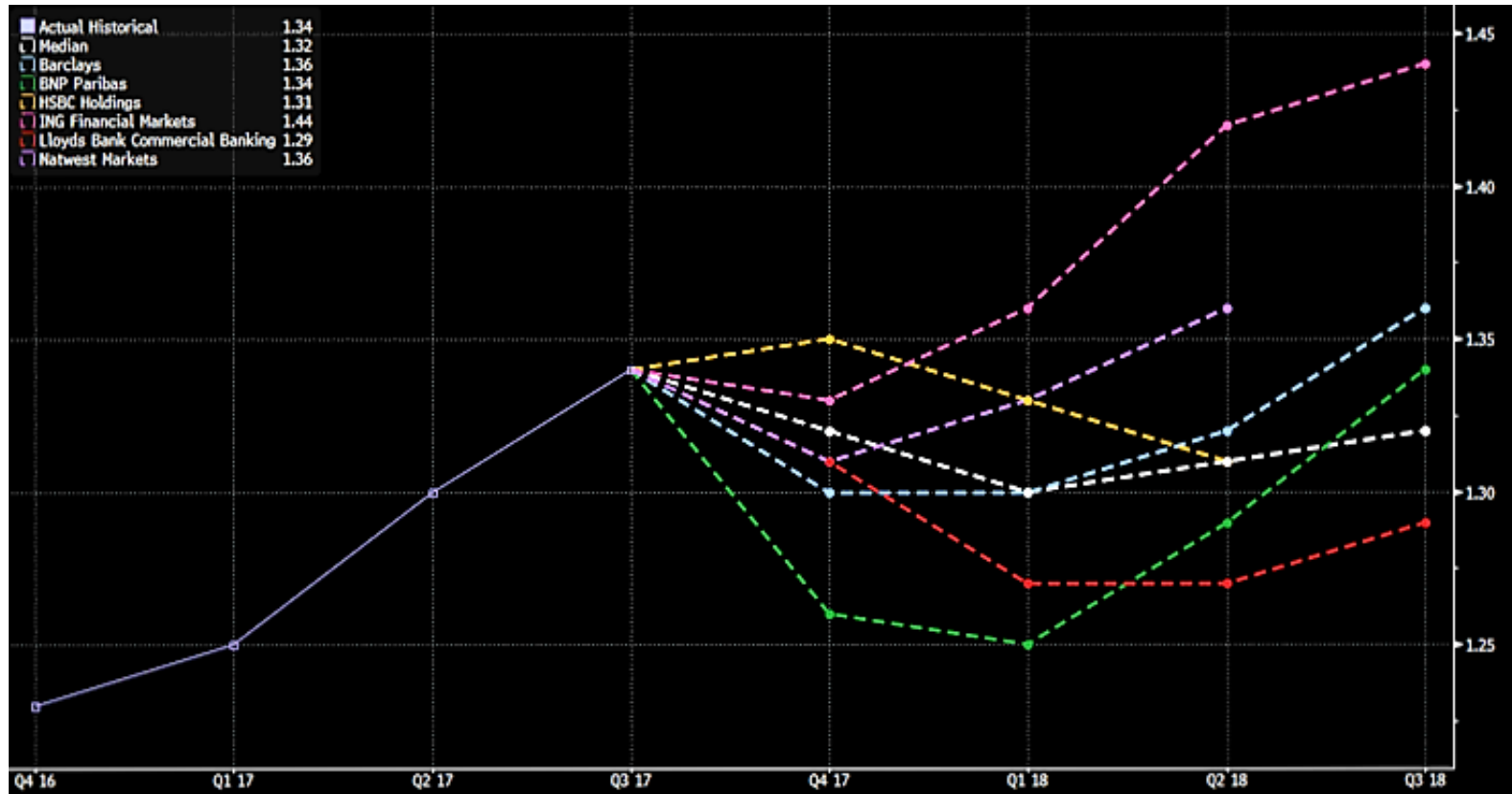


Currently: 1.13. In Q3:

- ❖ High – Natwest at 1.18
- ❖ Low – Lloyds at 1.06
- ❖ Average – 1.11



GBP/USD Multi-Bank Forecasts



Currently: 1.34. In Q3:

- ❖ High – ING 1.44
- ❖ Low – Lloyds at 1.29
- ❖ Average – 1.32

Current FX situation in UK



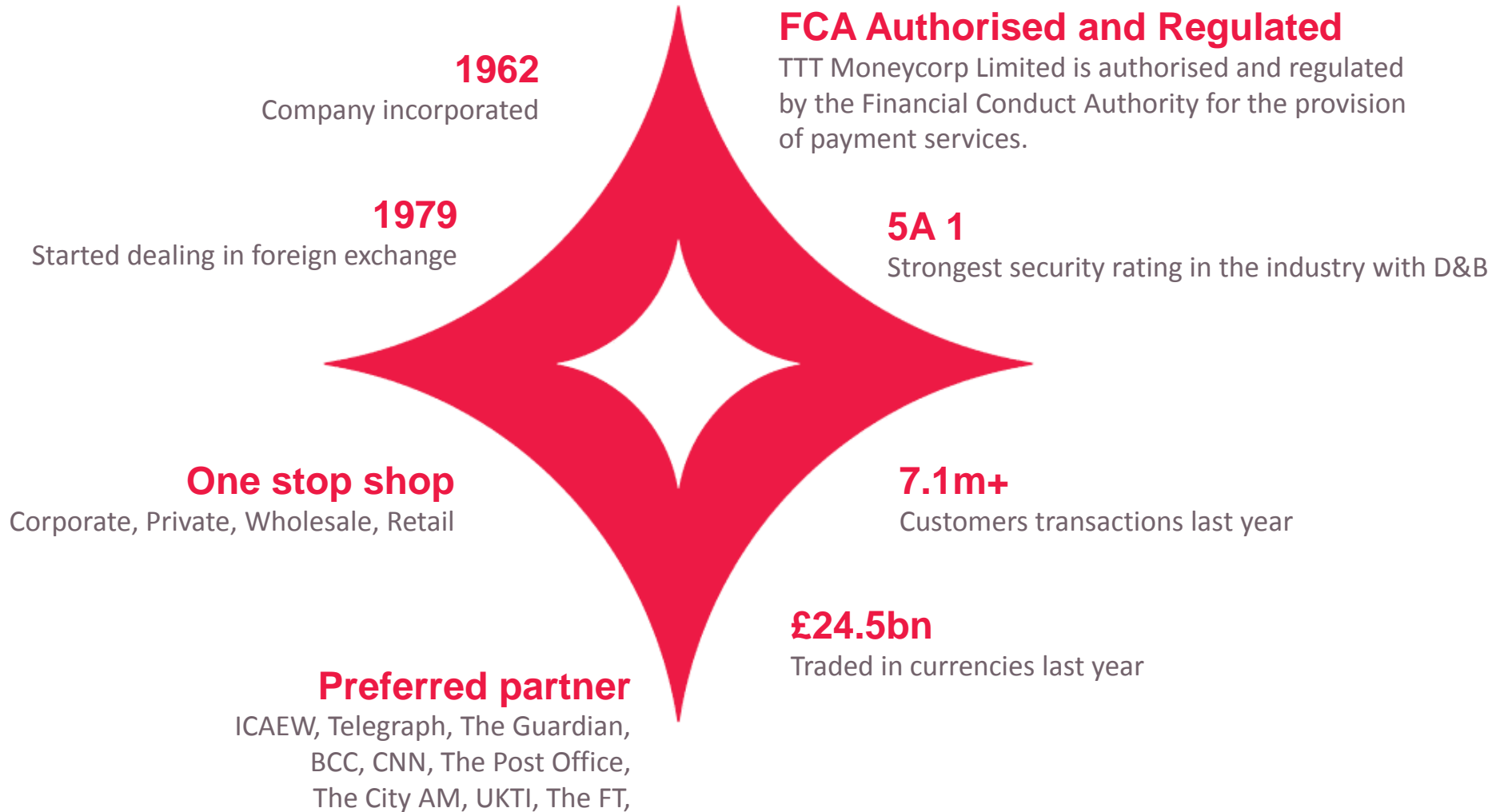
- ✦ Approximately 75% of UK companies still use their bank
- ✦ Remaining 25% use a foreign exchange specialist - more competitive rates of exchange and guidance
- ✦ Banks offering exchange rates that can be up to 1%+ worse
- ✦ Fees typically £20-£40



Benefits of using Moneycorp



About Moneycorp





Final Thoughts

- ✦ If you have budgeted for a certain rate of exchange, your profit margins can be seriously affected by a negative turn in exchange rate.
- ✦ Create a hedging policy for your Foreign Exchange
- ✦ Review policy regularly
- ✦ Get the best rates and service
- ✦ Free rate comparisons available



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questions?*

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