**Background information**

Our client ABC Limited wishes to compare the performance of 2 products over a period of 12 months starting on a given date (Start Date) which will be input by the client. The performance will be determined by calculating the Achieved Rate on 12 Calculation Dates (the 12 months following the Start Date).

The client has a currency requirement in 2 currency pairs: EURUSD and EURSEK.

The Achieved Rate is calculated according to the rules below:

Product 1

The Achieved Rate for Product 1 is always 5% lower than the rate on the Start Date.

Product 2

The rate offered by Product 2 is calculated as below:

* Strike Rate = a rate that is 3% lower than the rate on the Start Date.
* If the rate on the Calculation Date is lower than the Strike Rate, then the Achieved Rate is equal to the Strike Rate.
* If the rate on the Calculation Date is higher or equal to the Strike Rate, then the Achieved Rate is equal to the average of the Strike Rate and the rate on the Calculation Date.

**Required tasks**

Given the above, please prepare a spreadsheet that will allow the client to input:

* the Start Date marking the 1st day of the 12-month period and
* a Currency Pair - EURUSD or EURSEK.

Then:

* calculate the Achieved Rate for Product 1 and Product 2 for each of the 12 Calculation Dates.
* plot the Achieved Rates and the daily rate for the 12 month period on one graph
* create a button that changes the y-axis scale to fit the min and max of the plotted points.

**Notes**

Please implement the simplest solution possible for the requirements above. You can use formulae and VBA.

You are given historical data for EURUSD and EURSEK.

You can assume that the client will only input the first of the month as the Start Date and as such the Calculation Dates will always be the 1st of the month.