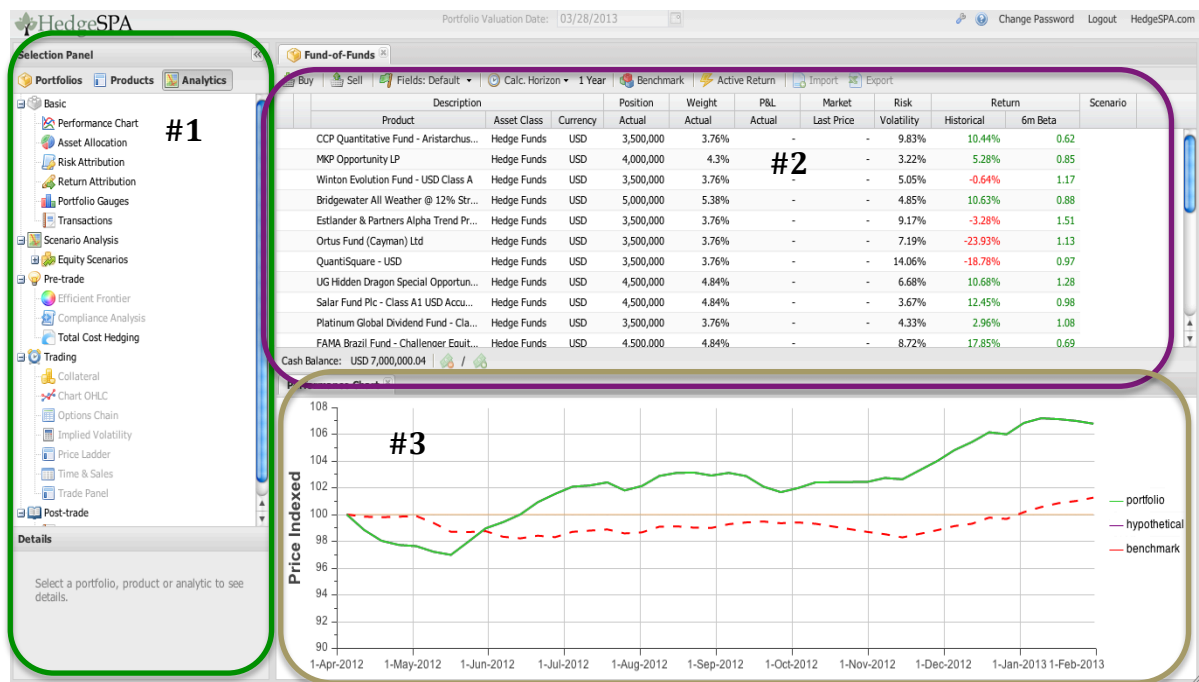# HedgeSPA Platform Walkthrough for Multi-Asset Users

Platform Layout:

The HedgeSPA workspace is divided into three key areas shown below:

#1 – **Selection Panel**: open Portfolios, find Products, and select Analytics

#2 – **Portfolio Space**: view Portfolio holdings, statistics, or Product details

#3 – **Analytics Space**: use Analytics tools for the active Portfolio

Color Codes:

When the key areas above are referenced they are color coded in **PURPLE.**

Portfolios being used are color coded *BLUE.*

Actions that must be taken by the user are color coded **GREEN.**

Targets of user-actions are color coded *RED*.

Script Layout:

Left column specifies the action to take in the platform.

Right column provides a brief explanation of the functions being used.

Platform Walkthrough

Action	Explanation
Fund-of-Funds portfolio opens by default in the **Portfolio Space**.	• The *Portfolio Space* contains three elements: (1) *Tabs* of all open Portfolios, Product information, or multi-Portfolio analytics *(2) Button bar* *(3) Portfolio Grid*, lists all of the instruments in the portfolio with detailed descriptions and statistics.
Click on the *Fields* button and select *Risk Analysis*	• *Fields* is used to quickly change the information you want to view in the *Portfolio Grid*. • *Risk Analysis* statistics include a mix normal and tail risk statistics of each asset as well as the marginal contribution to the total portfolio risk.
Click on the *Fields* button and select *Default*	• Change back to the basic default data display in the *Portfolio Grid*.
Click on the *Analytics* button in the **Selection Panel**	• This area contains the Analytics tools menu and allows you to open the desired tools and models. • Analytics can be opened by either double-clicking or drag-and-dropping the selected tool.
Double-click on the *Portfolio Gauges*.	• Opens the *Portfolio Gauges* tool. • This tool gives a view of the Portfolio's performance and tail-risk characteristics over the *Calculation Horizon* shown in the *Portfolio Space*.
Click on *Benchmark*.	• Benchmark is currently set to the *HFRX Benchmark*.

	• The benchmark is displayed in the *Performance Chart* and used to calculate the *6m Beta* (displayed in the *Portfolio Grid* or *Portfolio Gauges)* of both individual assets and the portfolio as a whole. • It is also used when you toggle to view the portfolio in *Active Return* space.
Click on the *HFRX Benchmark* text next to *Name* and select the *Sovereign Wealth Fund Benchmark* and **click** *Set* to change the benchmark.	• Changes the portfolio benchmark. • After the change, all *6m Beta*s and relevant analytics are re-calculated against this new benchmark. • If you are using the *Active Return* function, the entire portfolio would be re-calculated with respect to the new benchmark.
Double-click on the *Risk Attribution* tool.	• Opens the *Risk Attribution* tool. • The *Risk Attribution* tool statistically and graphically compares the *Weight* of each Asset Class or Region with its *Tail-Risk PCTR* to check which elements are contributing the most to the portfolio's tail risk. • The *Weight vs PCTR* column shows a ⬆ when *PCTR < Weight* (contributing less risk than its weight) or a ⬇ when *PCTR > Weight* (contributing more risk than its weight).
Click on *Chart Sub-AssetClass*.	• Lets you change the graphical representation to show the allocation in the second column (in this case the 'Strategy' allocation).
Click on *Global*.	• Lets you drilldown to compare the risk contribution of the different managers in your portfolio with their PCTR. • The *Weight vs PCTR* column shows a

	🔼 when *PCTR < Weight* (contributing less risk than its weight) or a 🔽 when *PCTR > Weight* (contributing more risk than its weight).
Double-click on the *Return Attribution* tool.	• Opens the *Return Attribution* tool. • *Return Attribution* analytics compares the *Historical Return* of each Asset Class or Region with its "risk equivalent" *Implied Return* to find which elements of the portfolio are generating enough historical return to justify their risk. • *Implied vs Hist* shows a 🔼 when *Historical Return < Implied Return* (producing enough return to justify its risk) or a 🔽 when *Historical Return < Implied Return* (not producing enough return to justify risk).
Click on *Scenarios* and select *LDP Election Victory*.	• Compares the weighted *Scenario Return* projected in a chosen market scenario, in this case the LDP Election Victory scenario, with the *Historical Return* and *Implied Return*. You can use this tool to explore the potential impact of different market conditions on an allocation or position after considering its historical return attribution. The arrows DO NOT compare the *Scenario Return* to the *Implied Return.*
In the *Analytics* area of **Selection Panel**, **click** on *Equity Scenarios*	• Opens the list of Multi-Asset Equity statistical models and scenarios.
Double-click on the *Generic Multi-Asset Model*.	• Loads the *Generic Multi-Asset Model*. • The impact of this model on each assset and the entire portfolio are displayed in the far right hand column of the *Portfolio Grid* in the *Portfolio Space*.

	• In the *Analytics Space* see the selected commodity macro factors organized by *Equity, Bond, Forex* and *Commodity*.
Click on the *1.00%* for the *Equity* factor *S&P 500,* underneath *Change %* and change the value to *10%*.	• Change the factor shocks by entering a new value, new percentage change or using the slider bar. • The new scenario result is re-calculated on demand in near real-time.
Double-click on *Total Cost Hedging*.	• Opens the *Total Cost Hedging* tool. • Total Cost Hedging can be used to test a set of investment instruments for suitability to achieve a selected investment objective, such as minimizing portfolio variance, maximizing the Sharpe Ratio, and more.
Click on the *250000* field next to *Investable Cash* and change the value to *5000000*.	• The *Investable Cash* field lets you specify the maximum amount of cash you want to allocate to the products used in the Hedging analysis.
Click on the *Products* button in the **Selection Panel**.	• This area lets you select products for analysis via a filtered text search or a tree hierarchy.
Type "short" into the *Product Name* field and **click** *Search*.	• Performs a search for products with "short" in their name.
Drag-and-Drop (1) *iPATH S&P 500 VIX Short-Term Futures ETN* (2) *ProShares UltraShort MSCI Japan* (3) *ProShares UltraShort QQQ* (4) *ProShares UltraShort S&P 500* into the Hedging tool	• Prepares the listed products for a Hedging analysis.
Click the arrow next to Run	• Allows you to select from the different

and select *Max SR*	investment objectives for your analysis, in this case maximizing the portfolio's Sharpe Ratio.
Click on *Run*	• Runs the Hedging analysis.
Click on *Statistics*	• Shows the portfolio statistics for the Actual and hedged Hypothetical portfolios. • See the reduced portfolio volatility after hedging.
Click on *Graph*	• Graph of Actual vs hedged portfolios.
Right-click on *QuantiSquare - USD* in the **Portfolio Space** and select *Product Details*.	• Opens the *Product Details* information tab for the selected instrument. The *Product Details* panel contains reference information from the provider of that instrument's data as well as system information and calculations provided by HedgeSPA.
Scroll down within the *Product Details* tab and **click** on *Analyst Report.*	• Opens the *Analyst Reports* feature for the selected product, where the user can attach written notes or files to the instrument for future reference. This feature can be used to store monthly reports, meeting notes, investment documents and other relevant information.
Congratulations!	You've come to the end of the HedgeSPA Multi-Asset Walkthrough. Please enjoy exploring the platform and the other portfolios. If you are interested in looking at a more detailed trial get in touch with a representative at support@hedgespa.com. Thanks!