









Traditional Beta (Passive)	Smart Beta/Alternative Weighting Schemes			Traditional Alpha (Active)
Cap-Weighted Beta	Multi-Factor	Fundamental	Lower Volatility	Active Fundamental Stock Selection
	Multi-Factor Funds	Economic Scale Indexation (ESI)	Volatility Focus Funds	
Worldwide  World  Europe  Europe ex UK  UK  UK  UK  Canada  Japan	Full suite of geographic constructs  Global  Regional  Country  Country   Customisable to client investment universe constraints and risk requirements	Full suite of geographic constructs  Global  Regional  Country  Index structure	Full suite of geographic constructs  Global  Regional  Country  Country  Country  customisable to client investment universe constraints and risk requirements	Full suite of geographic constructs  Gicbal  Country  Portfolio construction strategies  Core  Income  Small cap  Real estate  Thematic



















## HSBC ESG customised solution Backtest result





Objective: Minimise tu	rnover whilst satisfying all the below constraints
Styles exposure	Value (Historic value, Current value, Risk-adjusted value and Forward value)  Other factor biases: Quality, Momentum and Size
Carbon objective (Trucost data)	1. Coal reserves exposure < 50% of MSCI World
	2. Oil/Gas reserves exposure < 100% MSCI World  3. Total emissions exposure < 100% MSCI World
Governance Criteria	Use of proprietary ESG ranking system (Visualizer)  Evolution of Cluster Munifices and Anti-Personal Landmines stocks
and exclusions	
Geographic	Developed World exposure with constraints on regions (+/-10% MSCI World) and countries (+/-5% MSCI World Index)
Sector	No extreme deviation against MSCI World, however higher deviation accepted for Energy and Materials
Single stock and	1. Minimum holdings weight ca. 0.1% - 0.15%
minimum holding	2. Single stocks constraints +/- 0.2% of MSCI World Index

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Simulated data is shown for illustrative purposes only, and should not be relied on as indication for future returns. Simulations are based on Back Testing assuming that the optimisation models and rules in place today are applied to historical data. As with any mathematical model that calculates results from inputs, results may vary significantly according to the values inputted. Prospective investors should understand the assumptions and evaluate whether they are appropriate for their purposes. Some relevant events or conditions may on thave been considered in the assumptions. Actual events or conditions may differ materially from assumptions. **Past performance is not a reliable indication of future returns.** 

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