Case Studies

1. Development of a bespoke autonomous learning investment solution for a UK hedge fund.

2. Provision of complete autonomous learning operations solution to support a European investment company.

3. Self-directed investors subscribing to Level E Research in-house global asset allocation strategy signals.

Bespoke strategies for institutional investors

UK specialist asset manager looking to test a strategy to capture alpha on weekly trading cycle.

Phase 1 - Strategy testing & development:

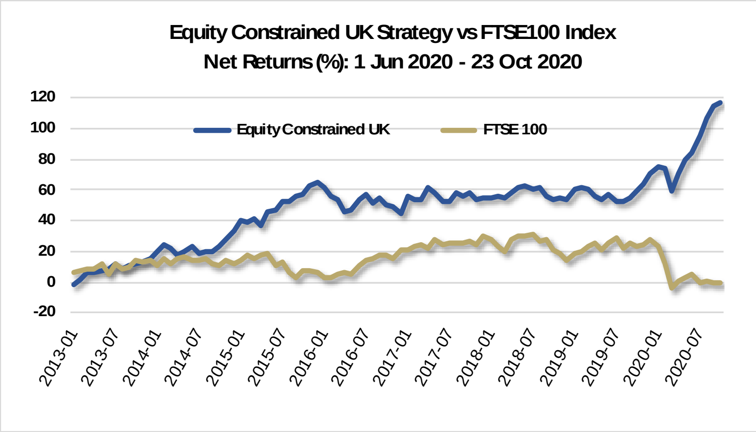
- Back-tested the proposed client strategy using the full suite of continuous learning models to satisfy client beta, volatility, return and exposure targets.
- Produced a range of solutions to meet client liquidity, margin and portfolio rebalancing requirements.
- Liaison with client to finalise strategy utilizing Level E portfolio management and risk analytics systems.

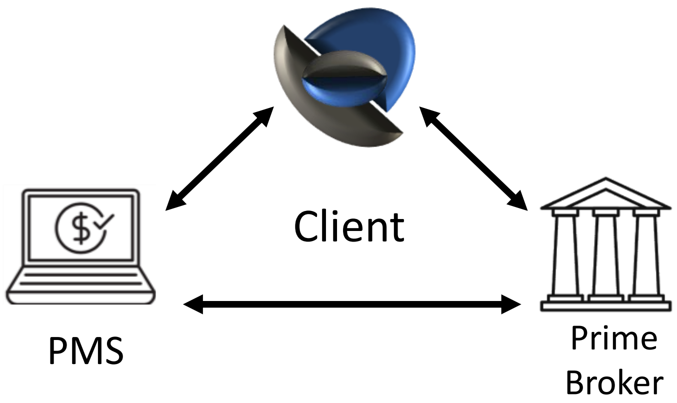
Phase 2 - Strategy implementation & management:

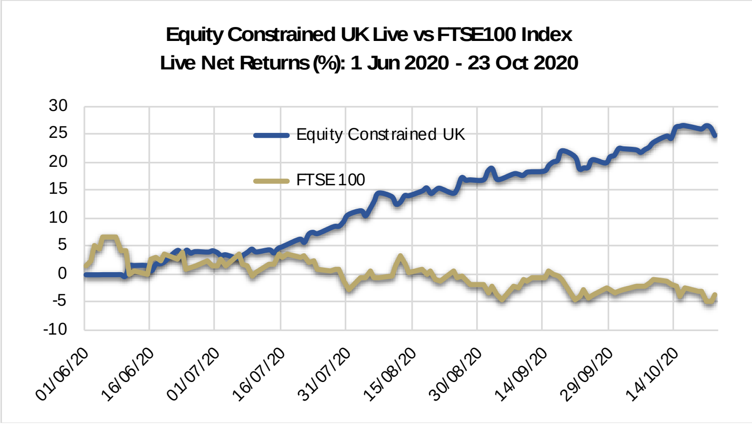
- Collaboration with prime brokers and third-party service providers to ensure trading process is optimized.
- Systematic provision of trade signal files and client reporting files utilizing E-platform.
- Ongoing dialog with client to fine tune signal inputs and monitor/ramp allocated scale targets.

Phase 3 - Go-Live June 2020:

- Strategy starts generating risk-adjusted returns, with high alpha and zero beta.
- Automation reduces human repetitive tasks *significantly* and increases operational efficiencies.
- Data-centric approach allows rapid responses to risk-on/off, strategy switches, efficient reporting....







Implementing an autonomous investment fund

Combining learning strategies and fund operations - order management, portfolio management, risk and regulatory reporting.

Phase 1 – Lean Business Model:

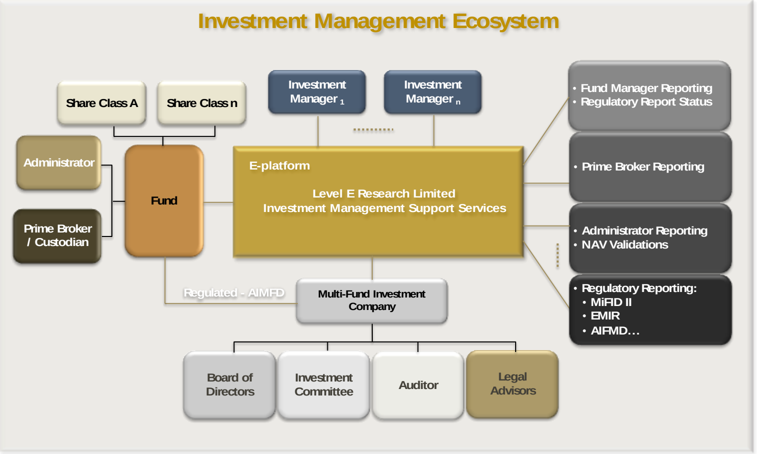
- Re-structured as self-managed ManCo regulated under AIFMD eliminating the need for a 3rd-party Portfolio Manager
- ManCo appoints Level E Research as the provider of Investment Management Support Services (IMSS)
- Investment Committee responsibilities and decisions supported directly by our E-platform

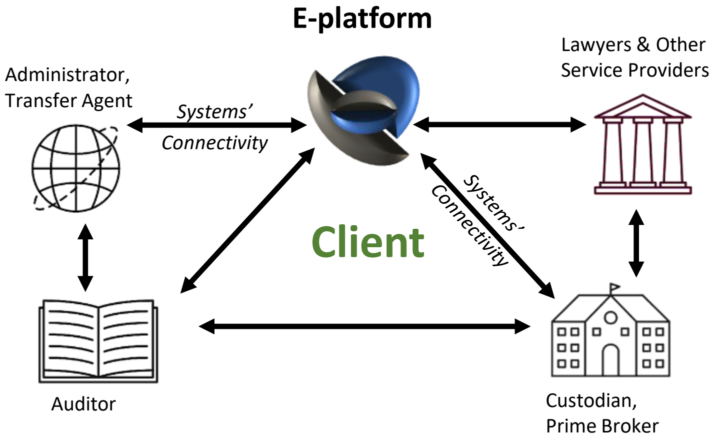
Phase 2 – Integration & implementation:

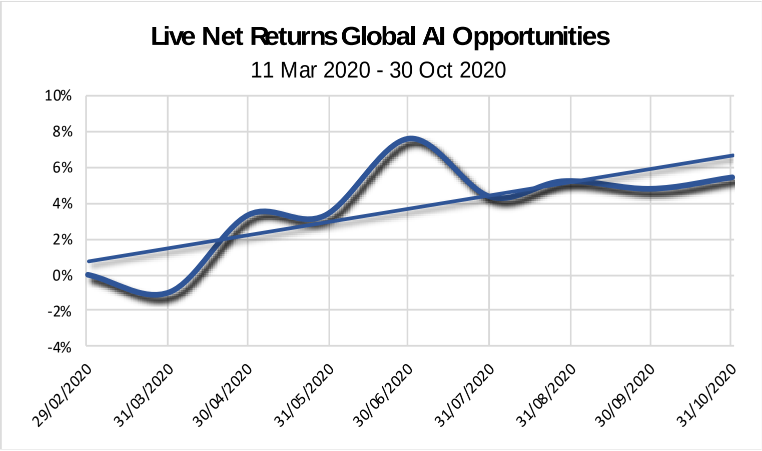
- E-platform provides a fully functional, front-to-back solution across the entire investment lifecycle
- Autonomous data analysis and processing including real time risk and compliance monitoring and reporting
- Collaboration with the Board, Investment Committee, Prime Broker, Administrator and service providers to set up the operations infrastructure

Phase 3 - Go-Live:

- Systematic provision of automated decision-making and regulatory client reporting from our E-platform
- Autonomous investing >300 securities (single stocks, ETFs tracking bonds and digital assets)
- Continuous learning allows adaptation to new market regimes and full automation achieves highest possible operational efficiency





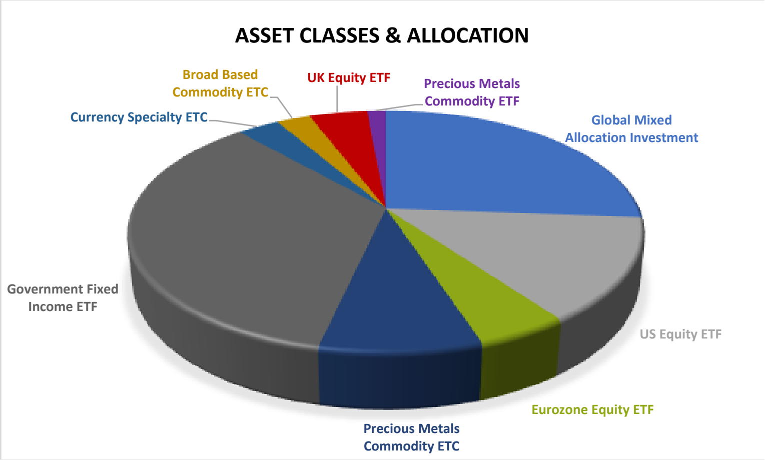


Global asset allocation strategy for individual investors

A strategy designed for retail investors managing their own portfolios.

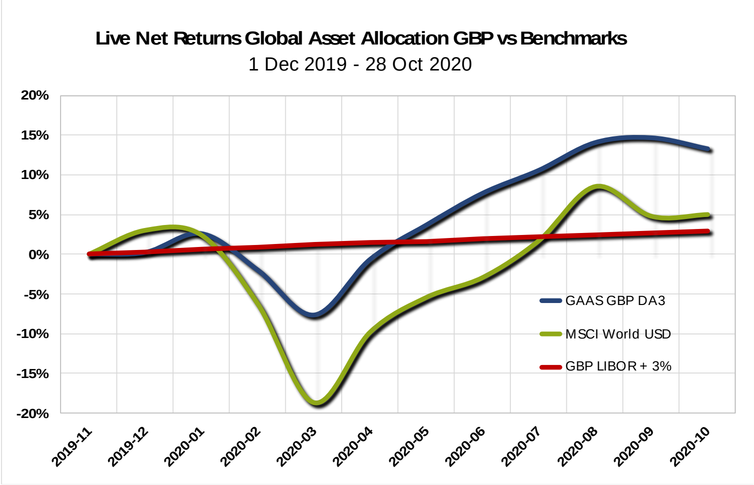
Phase 1 – Scoping client requirements:

- Client's risk and return objectives.
- Client's asset class preferences, such as equity, bonds, digital assets etc.
- Client's trading account(s): structure, terms, fees and securities availability



Phase 2 - Strategy development & testing:

- Develop and and back-test a range of suitable solutions
- Agree final solution that best meets client's requirements



Phase 3 - Go-Live:

- Setting-up delivery mechanism and frequency of portfolio trading signals via the E-platform.