

Progressive Growth Fund (PGF)
Improving the way people invest.







# **Introduction to Fortem Capital**



### **About**

Fortem Capital is an independent investment boutique focused exclusively on providing investors with defined, liquid & cost-efficient alternative investment solutions.

Alternative investing is in the firm's DNA, and through the combined expertise and experience of its people, solutions normally uninvestable for most due to cost and liquidity are created.

Fortem Capital's team of independent and experienced market professionals offer innovative investment solutions and services that both ease the burden of investing whilst helping our clients stand out from the crowd.

### **AUA & Relevant Expertise**

- Specialist asset manager focussed exclusively on liquid alternatives.
- AUA Totalling USD 2.2bn\* across institutional investor base.
- UCITS Funds (6) + Mandates.
- Dedicated PM Team supported by data scientists & independent investment committee / advisors.

Expertise and proven track record of delivering bespoke, transparent, liquid and cost-efficient solutions

\*As at 28<sup>th</sup> June 2024





# Why Choose Us?





Pioneering Liquid Alternative Investments through:



Independence: An independent manager not bound to any financial institution



**Industry-leading institutional access:** Unrivalled direct access to the world's leading financial institutions



**Industry-leading experience:** Over a century of combined experience at the world's leading financial institutions



**Industry-leading structuring expertise:** Strategies constructed to maximise liquidity and minimise cost



# Fortem Capital Progressive Growth Fund



**Investment Objectives** 

To preserve capital whilst providing both **positive returns of 6% - 7%** p.a. over the medium to longer term and **reduced equity market beta**.

In summary, the Fund:



Seeks to achieve positive returns over the medium to long term, even if global equity markets have been range-bound



Will aim to demonstrate lower volatility and lower beta than global equity markets



Emphasizing a more predictable journey and higher probability of success



# Fortem Capital Progressive Growth Fund



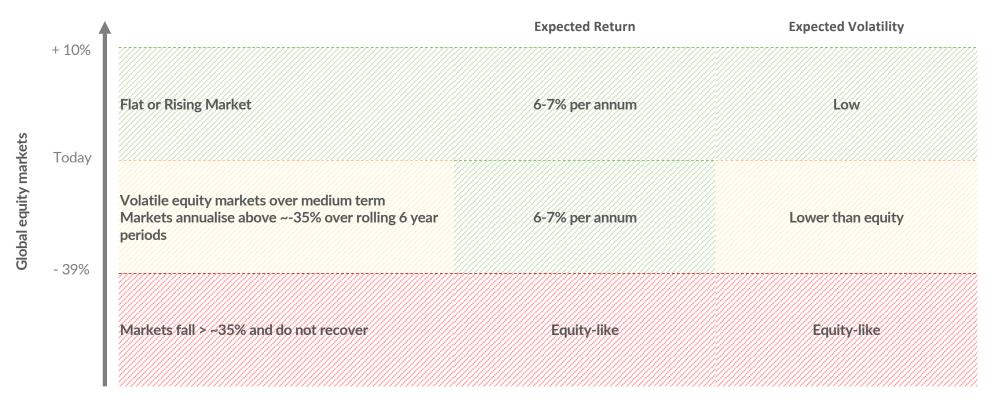
**Defensive Equity / Defined Outcome** 

- A portfolio of defined-return equity investments will provide capital growth over the medium to longer term in all but extreme negative market scenarios.
- The Low Vol/Risk/Drawdown way to augment global equities.
- PGF may be suitable for:
  - Investors seeking defensive global equity exposure/replacement for delta 1 equities
  - Investors seeking increased probability of equity like returns investments do not require market growth to perform
  - Investors seeking diversification of global equity risk/return
  - Investors seeking alternative equities exposure



# Fortem Capital Progressive Growth How the fund can behave





Source: Fortem Capital



How does a Defensive Autocall work (1/2)



#### 1. Mechanism

- A defensive autocall is a type of structured investment tied to a financial index, such as the FTSE 100. It is designed to generate a return if the index reaches certain levels on specific anniversaries of the investment.

#### 2. Autocall Features:

- It has a maximum possible life of 6 years but can redeem early each year if the index is above specified levels, beginning at 100% of the initial level and decreasing annually.

### 3. Payout Structure:

- If the index meets the specified level on an anniversary, the investment pays an annual coupon (8.12% in the provided example on slide 12) plus the return of the initial investment, leading to an uncompounded return of 8.12% per annum.

### 4. Capital Protection:

- The investment offers capital protection if the index falls no more than 35% from its initial level by the final observation date. If it falls more, the capital returned diminishes based on how much the index has fallen.



How does a Defensive Autocall work (2/2)



#### 5. Risk Factors:

- Investors face risks including the performance of the FTSE 100 index and the creditworthiness of the issuing bank. If the index performs poorly or the bank fails, the investment could result in significant capital loss.

### 6. Redemption and Returns:

- The autocall can potentially provide early returns and redemption if the index performs well, but caps returns at 8.12% (in the example shown on slide 12) per annum, potentially underperforming the index if it rises significantly.

### **Key Point:**

- Defensive autocalls offer a balanced approach to earning potential returns while protecting against market downturns.

#### **Conclusion:**

- Ideal for investors who seek to balance risk with the potential for return, providing a method to achieve gains while limiting downside exposure in uncertain markets.



### Investment Guidelines Autocallables



### Risk Management

- Targeting 50% equity beta / realised vol
- Maximum dual index investments
- DM indices only subject to delta limits
- Maximum 5% / £10m in any one investment
- Mitigation of single index exposure
- Maximum 20% in diversified investments
- Spreading of strike levels & obs dates
- Cost efficient hedging overlay available

- Daily stressing of short, medium & long term risk:
  - Spot, Rates, Vol spot, skew and term, dividends & correlation
- Daily stressing of funding portfolio
- Full VaR risk management, subject to UCITS
- Counterparty monitoring & collateral stressing
- Diversification of OTC counterparts
- Independent board of directors, risk oversight, trustee & custodian
- Independent OTC price verification
- Dedicated quant team





### Summary \_\_



- Protects against equity falls over medium term
- Via European options means only observed at maturity (6 years)
- Positive returns in all but far left tail scenarios
- Anything maturing in left tail can be restruck at lower levels, likely at higher terms
- Where final protection levels set (must be in 60s)
- Diversifying across maturities



<sup>^</sup> Subject to final capital growth barrier condition being met



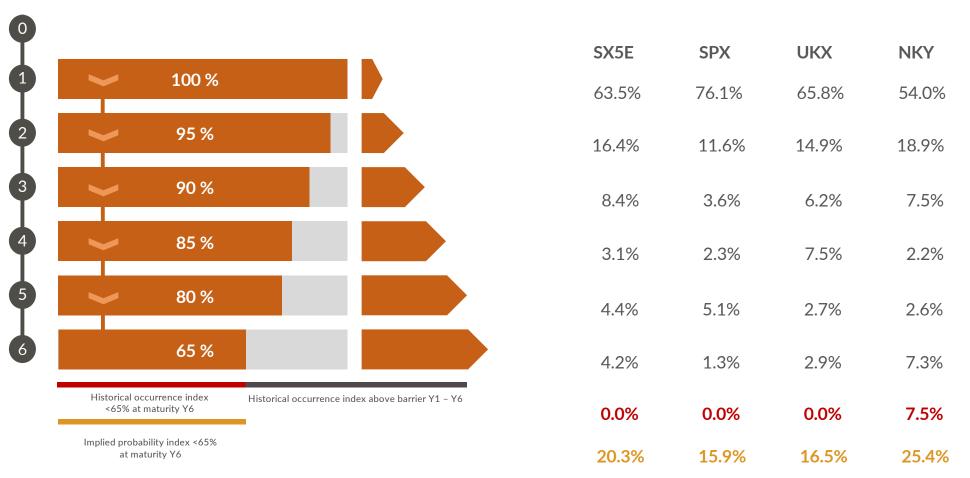


#### **Investment Rationale**



Investors are overpaid for providing extreme left-tail protection

### Implied & Historical (Early) Redemption Probabilities / Occurrences



As of 30<sup>th</sup> November 2023 Data from 01<sup>st</sup> January 1990, daily rolling returns





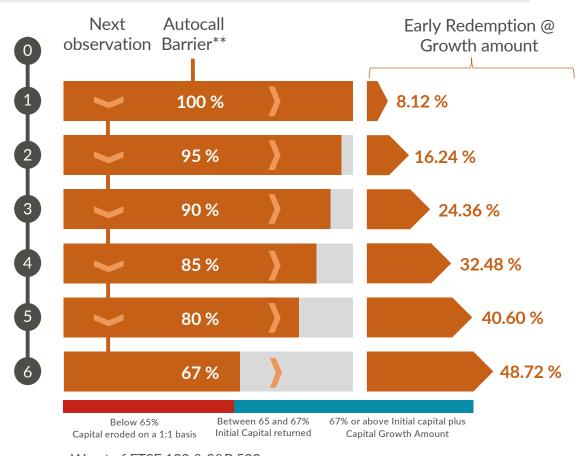
### Overview \_



Defined returns of 7-8% pa with downside protection

### **Example**

- Major DM equity indices only
- Maximum dual index
- Strict capital preservation and growth buffers (60-70% final)
- Maximum £10m notional per line
- Diversification across:
  - Observation dates
  - Index overlap
- Consideration also given to factors such as:
  - implied volatility / dividends
  - maximum historical draw downs
  - prevailing index P/E ratios
  - index correlation









# Focusing in on Beta

### Terminal payoff of core investments<sup>^</sup>

FORTEM

- Significant intrinsic value in Fund
- \* 8% + returns in flat market
- Time is your friend

- ^ Performance of Beta Portfolio only
- ^ Represent sensitivities to equity market moves only
- ^ Assumes no reinvestment of maturing investments
- ^ These scenarios are net of fees
- Conservative capital growth and return barriers pay dividends

Immediate spot moves	-20%	-15%	-10%	-5%	0%	5%	10%	15%	20%
Return (%)	34.4%	25.8%	17.3%	10.9%	6.8%	4.7%	4.7%	4.7%	4.7%
Time to Maturity (Av. yrs)	4.0	3.0	1.9	1.2	0.7	0.5	0.5	0.5	0.5
GRY to Maturity (Av. %)	7.7%	8.1%	8.5%	9.1%	9.4%	9.8%	9.8%	9.8%	9.8%

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As of 28th June 2024





# Investment Guidelines Diversifiers & Protection Overlay

Risk Management

### **Diversifier:**

- Identify investments that provide for positive absolute annualised returns whilst exhibiting significantly lower equity market beta to that of the Beta Portfolio
- Max position size 5%

### **Protection:**

- Derivative investments providing positive convexity during periods of volatility spiking and markets falling (the worst period for the Beta portfolio)
- Make-up and spend governed by pricing environment, scenario analysis of Beta, Fund risks

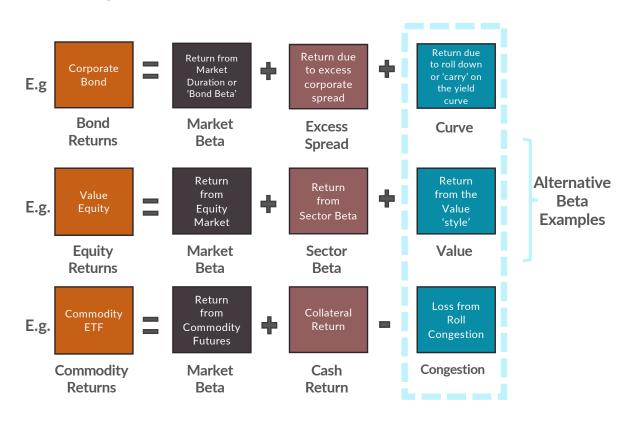


### **Diversifiers**

### Maximum 20%



### Providing a counterbalance / diversification to the equity risk within the Core



- Structural reason for strategy's presence
- Negligible correlation to equities
- Low correlation to each other
- Max 5% in any single investment
- Providing fund beta dampening

- To some extent, this source of return is already present in most traditional balanced portfolios
- It can be isolated to deliver a unique portfolio uncorrelated with traditional market beta

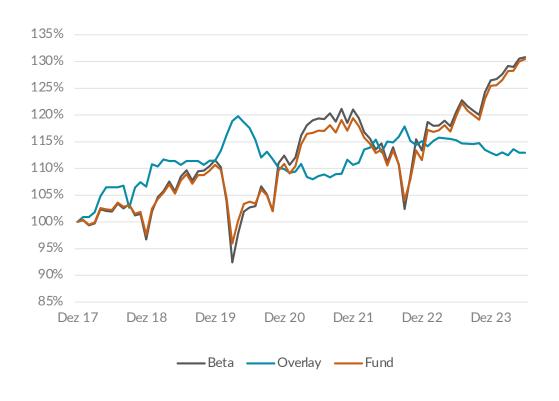


# **Diversifiers & Protection Overlay**



**Volatility Management** 

### Provide a counterbalance/diversification to the core allocation of autocalls



Portfolio of Risk Premia (factors) & protection across asset classes

- Aims to reduce the fund's drawdowns and volatility
- Max 5% in any single investment

#### Selection Criteria

- Found in equities, bonds, commodities, rates & currencies
- Structural reason for a strategy's presence
- Negligible or negative correlation to equities

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As of 28<sup>th</sup> June 2024 Source: Fortem Capital





# **Diversifier Portfolio**

### **Performance Attribution YTD**



Strategy	Asset Class	Factor	Fund Contribution YTD
Commodity Congestion 1	Commodity	Liquidity	0.00%
Commodity Market Neutral Commodity Curve 1	Commodity	Curve	0.00%
Commodity Market Neutral Commodity Curve 2	Commodity	Curve	-0.01%
Commodity Market Neutral Commodity Curve 3	Commodity	Curve	0.00%
Commodity Market Neutral Commodity Curve 4	Commodity	Curve	-0.01%
Commodity Market Neutral Commodity Curve 5	Commodity	Curve	-0.02%
Credit Vol 1	Credit	Volatility	-0.14%
Credit Vol 2	Credit	Volatility	-0.09%
Cross-Asset Hedge 1	Cross-Asset	Multi-Factor	0.01%
Cross-Asset Hedge 2	Cross-Asset	Multi-Factor	0.02%
European Equity Vol Arb 1	European Equity Vol Arb	European Equity Vol Arb	0.04%
FX Value 1	FX	Value	0.00%
FX Value 2	FX	Value	-0.05%
Rates Volatility 1	Rates	Volatility	0.10%
Rates Volatility 2	Rates	Volatility	0.04%
US Equity	Equity	Growth	0.11%
US Equity Vol Arb 1	Equity	Volatility	0.07%
EUR Equity Vol	Equity	Volatility	0.03%
US Equity Vol Hedge	Equity	Volatility	-0.31%
Total Diversifier Performance YTD			-0.19%

As of 28<sup>th</sup> June 2024





## **Investment Guidelines Bonds**

### Risk Management



- 100% high quality sovereign bonds
- Max maturity bonds limits
- Cost efficient hedging overlay available

- Counterparty monitoring & collateral stressing
- Independent board of directors, risk oversight, trustee & custodian
- Dedicated quant team





# Portfolio Composition

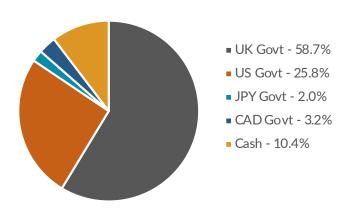
**Credit and Equity Exposures** 

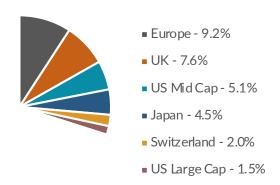


### **Credit Exposure**

### Equity Market Delta (29.9%)\*\*

### **Equity Market Breakdown**







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 $<sup>^{**}</sup>$  Sensitivity of the fund to underlying market moves As of  $28^{th}$  June 2024



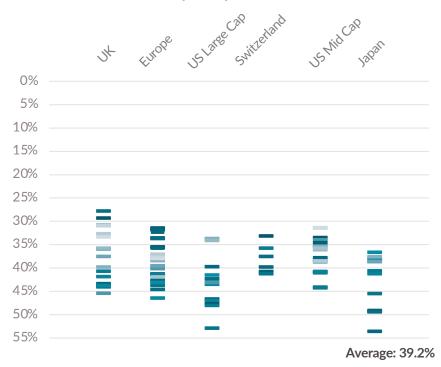


# Portfolio Composition

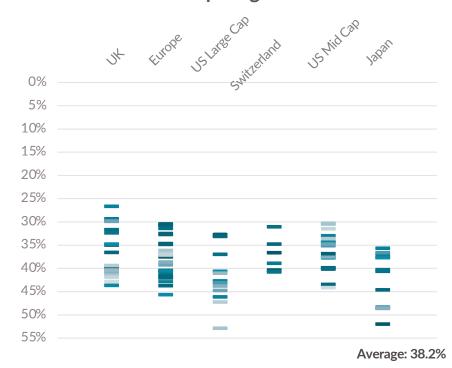
Summary of distance to final barriers



### Cover to capital preservation barriers



### Cover to capital growth barriers



- Cover to capital preservation represents for each investment, the level by which the underlying equity index may fall, before capital is eroded, assuming each investments runs to maturity.
- Cover to capital growth represents for each investment, the level by which the underlying equity index may fall, before capital growth is zero, assuming each investments runs to maturity.

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As of 28th June 2024





### **Cumulative Track Record**



**Strategy Pioneer** 



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\*FTSE TR charged 0.6% per annum As of 28<sup>th</sup> June 2024

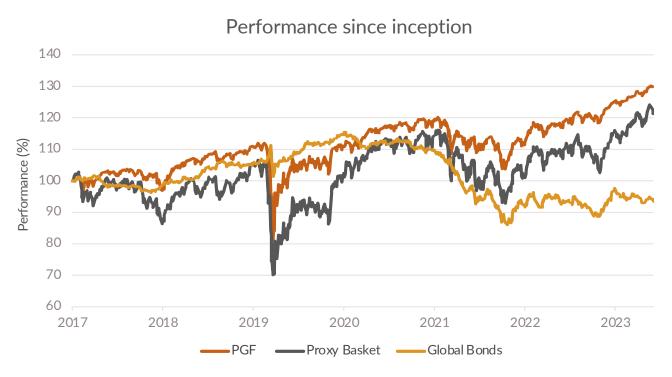




# **Fund Performance**

### Vs Other Asset Classes





Performance stats	PGF	Proxy Basket
Annualised Return	4.18%	3.00%
Annual Volatility	10.29%	16.19%
Return/Vol	0.41	0.19

#### Returns are gross of fees

Correlation	PGF	Proxy Basket	Bonds
PGF	1.00	0.92	0.11
Proxy Basket	0.92	1.00	0.10
Bonds	0.11	0.10	1.00

Bonds = Barclays Global Agg, USD Unhedged

	3M	1Y	3Y	5Y	Since Inception
PGF	1.74%	9.35%	11.13%	21.07%	30.45%
Proxy Basket	-0.57%	10.09%	7.57%	22.05%	21.21%
Bonds	-1.12%	0.63%	-15.69%	-9.71%	-5.83%

Daily, 29 December 2017 to 28 June 2024 Source: Fortem Capital, Bloomberg

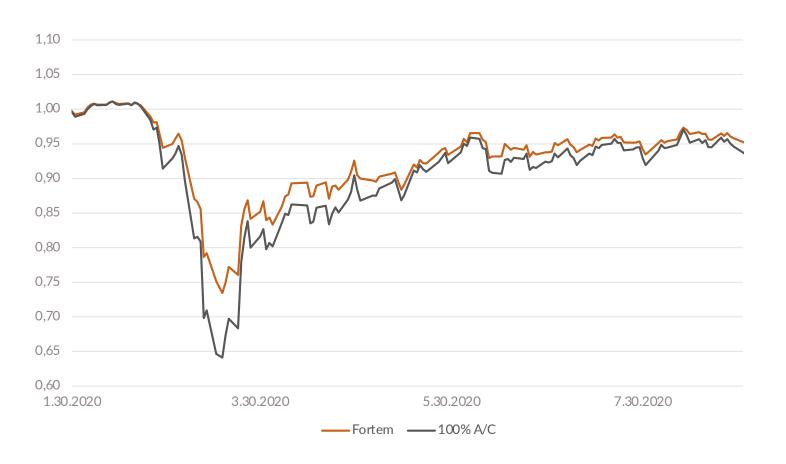




## **Fund Performance In Crisis**

### Volatility Management \_\_\_\_





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	Fortem	100% Beta	UK 100*	Europe 50*	US 500*
Peak to trough	-27.40%	-36.70%	-34.20%	-38.20%	-33.80%

<sup>\*</sup> Net Total Return - between 30/01/20-03/09/20





# Projected Fund Performance Vs Proxy Basket of Underlying Equity





Source: Fortem Capital, Bloomberg. Assumes risk overlay delivers 0.5% pa

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As of 28th June 2024





# **ESG** Risk bucket approach



Income (I)	Physical; active or exclusion-based investing
Beta (B)	Derivative index-based investing; potential active investing
Diversifiers (D)	Derivatives; accepted as not governed by ESG strategy
Protection (P)	Derivatives; accepted as not governed by ESG strategy



# **ESG**Risk bucket approach

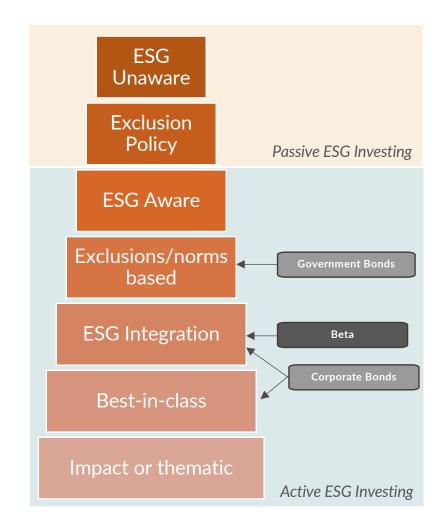


### Income (I)

- Government bonds universe includes G20 countries + exemptions (MDBs), with further plans for a scoring methodology.
- Corporate bonds incorporate both an exclusionary and 'best-in-class' approach.

### Beta (B)

- In our Beta bucket, we aim to invest in ESGcompliant indices, usually through TRS or other derivatives.
- An exception to this is when market conditions (liquidity concerns, lack of sustainable options from banks) forces us back towards conventional indices.







# Key Facts Key Facts



Fund	Name	Fortem Capital Progressive Growth Fund			
Investmen	t Manager	Fortem Capital Limited			
Fund	Туре	Irish domiciled UCITS V ICAV			
Base Cu	ırrency	GBP	GBP		
Liqu	idity	Daily			
Dealing I	Deadline	10:30 am Iris	h Time		
Pric	ing	Daily			
Share	Туре	Class F: Accumulation Class G: Accumulation			
Assets Under	Management	£362,187,000			
Minimum Subsc	ription Amount	€100,00	0		
Management Fee / Ongoing charges		75 / 91 b	ps		
Dealing Line		+353 (0)1434	1 5124		
Dealing Email		Davy_ta_queries@ntrs.com			
Depository, Administrator, Registrar & TA		Northern Trust			
Aud	itor	Deloitte			
Prospectus & KIID (EN) available on		www.fortemcapital.com/fund.php			
Share Classes	ISIN	Bloomberg	NAV		
Class F EUR	IE000KW04JT6	PCPGFEF ID <equity></equity>	114.5850		
Class G EUR	IE000H4IFIE9	PCPGFEG ID <equity></equity>	113.7131		

^Minimum sizing can be waived upon request As of 28<sup>th</sup> June 2024





### **Investment Committee**

### **Biographies**



### **Kevin Gray**

Kevin is Fortem's Chief Investment Officer and chairs the Fortem Capital Global Investment Committee. He began his career at Brooks Macdonald Asset Management before joining Bordier, where he was an Investment Director and sat on both the firm's Investment and Management Committees. Kevin has over 10 years' experience within the financial services industry and alternative investments. Kevin is a CFA charterholder, having achieved top decile results in every level.

### **Stefan Wagner**

Stefan embarked on his career within the financial services industry more than 24 years ago. Starting out as a derivative structurer in 1994 at Bankers Trust, two years later he went on to establish and run Citigroup's European exotic options trading desk. There he ran one of the largest, most active, and consistently profitable equity option trading teams globally. He was credited with developing a number of innovations in the interbank option market. Latterly, Stefan ran Citi's European structured products business where he developed a range of investment products and funds. Over \$50 billion of these investments were successfully placed with high net worth and institutional clients. Stefan is currently an owner and MD of Nalu Capital S.A. which is a Luxembourg based fund platform, one of which is co-run by himself, specialising in derivative and value investing arbitrage strategies.

### **Jonny Matthews**

Jonny began his career at Salomon Brothers (later Citigroup) where he was an MD in equity derivatives. He then spent 12 years at Brevan Howard, where he was a Partner managing \$500m of risk. He produced positive returns of up to 18.4% pa with a worst year return of 4.6%. For the past four years Jonny has managed his own capital and writes an institutional daily macro research letter. He has a degree in engineering from Imperial College and an MBA from City University.

#### **Edward Senior**

Ed has more than 25 years' experience working within the financial services industry and is also a chartered management accountant. He started out his career back in 1998 at Salomon Brothers, which ultimately became Citigroup, working within the equity derivatives and multi asset derivatives trading desks. There he spent time structuring and delivering investment solutions, utilising derivatives, and liquid alternatives, to clients across the globe. During his time at Citi, Ed established and ran their European asset management business growing assets from zero to several billion. After leaving Citigroup in 2013, Ed joined up with former Citigroup colleagues to build and establish a boutique asset management firm specialising in derivative based funds. Having completed his tenure there, in 2016 Ed left to set-up Fortem Capital, which together with the rest of the Fortem Team, aims to establish itself as the premier boutique asset management firm specialising in liquid alternatives solutions for the institutional marketplace.

### **Andy Constan**

Andy is an investment consultant to Fortem Capital. He is the current CEO and CIO of Damped Spring Advisors. With a career in financial services spanning over two decades, Andy has a rich history of leadership and innovation. As Chief Strategist at Brevan Howard from 2015 to 2019, he was a key figure in strategic decision-making. His notable tenure at Bridgewater Associates saw him develop crucial volatility research and manage portfolio construction analytics. Prior to this, Andy co-founded Centerlight Capital Management, successfully steering the firm through the tumultuous financial crisis of 2008. At Archeus Capital Management, his trading strategies yielded a commendable 12.8% annual return. Andy started his career at Salomon Brothers, where over seventeen years, he rose to lead global equity derivatives and contribute significantly to the firm's proprietary trading success, generating over \$500 million in profits. Andy's strategic foresight and financial acumen have consistently propelled the firms he has worked with to the forefront of the hedge fund industry.





### Disclaimer

### Disclaimer \_



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