Deuterium Global Dynamic Allocation Long/Short Fund

Investor Presentation September 2023

www.deuterium.us

Global Macro Hedge Fund Strategy



Agenda

- 1. Identity and Offering
- 2. Long-Only Fund and Hedge Fund Track Record
- 3. Investment Process
- 4. Portfolio Construction
- 5. Risk Management
- 6. About the Team
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Case Studies

Disclaimer



GDALS Identity and Offering

The fund's objective is to generate positive returns, in all market conditions, over a rolling three-year period; by pursuing a policy of active allocation across asset classes and global markets according to a dynamic asset allocation model that is adjusted from time to time by short-term tactical asset allocation shifts in anticipation of changing market, fiscal and political conditions.

Key Cha	racteristics
• Strategy:	Absolute Return Multi-Asset
Style:	Systematic Global Macro with manager discretion
Target Return:	10-12% net
Target Volatility	<10% annualised
Target Sharpe Ratio	>1
Target Correlation	Equity Beta <0.3
Instruments	Equities, bonds, FX & futures
• Leverage (SoN*)	Expected 0-200%, 500% Max
Capacity	\$5-10bn

Fund Ve	chicle
O Umbrella:	Deuterium UCITS ICAV
O Domicile:	Ireland
Regulatory Status:	UCITS V
Base Currency:	US Dollar
• Dealing:	Daily
• Priced:	Single, Swing
• Share Class Currencies:	USD, EUR, GBP, CHF
• Fees (clean)	1.5% + 15% performance fee (over SoFR with HWM**)
Management Company:	KBA Consulting Management Limited

^{**} SOFR = Secured Overnight Financing Rate, the hurdle rate for USD share classes. Hurdle rates for EUR and GBP are ESTR and SONIA respectively. HWM = High Water Mark



^{*} SoN = Sum of Notionals

Returns

GDA USD Morningstar

1st 10y 5 Star Rating

GDA GBP Trustnet

1st 5y 5 Crown Rating

GDA Global Long-Only Fund USD returns over 10 Years



Top 97% of mixed-allocation peers over past year on Bloomberg (more than 5000 funds)

GDALS Global Macro Hedge Fund USD returns since Nov 22

Morningstar five-star rating in recognition of stellar returns - GDA USD

Trustnet five-crown rating in the top 10% of UK funds - GDA GBP



Source: Deuterium. Morningstar

Top 88% of macro hedge fund peers YTD on Bloomberg (about 200 funds)

Source: Bloomberg





GDALS Track Record USD



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2022	-	-	-	-	-	-	-		-		3.6	-0.5	3.1
2023	3.9	-3.1	3.0	8.0	-1.0	4.3	4.0	-4.8		-3	3)-#	(-)	6.7

Risk & Reward Profile: Source PRIIPs

Scenarios	if you exit after 1 year	if you exit after 3 years (recommended holding period)
Stress	2,213 USD -77.9%	3,598 USD -28.9%
Unfavourable	9,129 USD -8.7%	10,321 USD 1.1%
Moderate	11,074 USD 10.7%	13,526 USD 10.6%
Favourable	12,385 USD 23.9%	15,894 USD 16.7%

Lower ris	sk				Hig	gher risk
1	2	3	4	5	6	7
The risk i	ndicator a	issumes y	ou keep t	he produ	ct for 3 ye	ears.

Source: USD F share class PRIIPs

Source: Deuterium, Morningstar

Performance is shown net of fund level fees and expenses. The above chart shows the net performance of the Global Dynamic Allocation Long/Short S USD share class from 1 November 2022 to 18 November 2022 and the net performance of the F USD share class from its launch on 18 November 2022 onward. The Morningstar macro trading USD index has been included for information purposes only. Morningstar macro trading USD is not a benchmark for the fund and the fund is not managed by reference to the Morningstar macro trading USD index nor does it seek to outperform the Morningstar macro trading USD index. Past performance is not necessarily a guide to future performance. The value of your investment can fall as well as rise and you may not get back the original amount you invested. The value of any foreign investments may be affected by changes in currency exchange rates.



GDALS Track Record EUR



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2022	-	-	-	-	-	-Ā	-		-		-0.6	-3.8	-4.4
2023	2.3	-1.0	0.8	-0.7	2.4	2.0	3.0	-3.5	1-3	-))) - //	(-)	5.1

Risk & Reward Profile: Source PRIIPs

Scenarios	if you exit after 1 year	if you exit after 3 years (recommended holding period)
Stress	1,910 EUR -80.9%	3,056 EUR -32.6%
Unfavourable	8,510 EUR -14.9%	10,531 EUR 1.7%
Moderate	11,256 EUR 12.6%	13,838 EUR 11.4%
Favourable	14,855 EUR 48.5%	19,026 EUR 23.9%

Lower ris	sk				Hig	gher risk
1	2	3	4	5	6	7
The risk in	ndicator a	issumes y	ou keep t	he produ	ct for 3 ye	ears.

Source: EUR F share class PRIIPs

Source: Deuterium, Morningstar

Performance is shown net of fund level fees and expenses. The above chart details the net performance of the Global Dynamic Allocation Long/Short S EUR share class from 1 November 2022 to 16 November 2022 and the net performance of the F EUR share class from its launch on 16 November 2022 onward. The Morningstar macro trading USD in EUR index has been included for information purposes only. Morningstar macro trading USD in EUR is not a benchmark for the fund and the fund is not managed by reference to the Morningstar macro trading USD in EUR index nor does it seek to outperform the Morningstar macro trading USD in EUR index. Past performance is not necessarily a guide to future performance. The value of your investment can fall as well as rise and you may not get back the original amount you invested. The value of any foreign investments may be affected by changes in currency exchange rates.



GDALS Track Record GBP



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2022	-	-	-	-	-	-Ā	-		-		-1.3	-0.3	-1.6
2023	1.8	-1.6	1.1	-0.6	0.5	1.6	3.0	-3.5	1-1	- 3	3)-//	(e)	2.2

Risk & Reward Profile: Source PRIIPs

Scenarios	if you exit after 1 year	if you exit after 3 years (recommended holding period)
Stress	1,964 GBP -80.4%	2,977 GBP -33.2%
Unfavourable	8,571 GBP -14.3%	10,536 GBP 1.8%
Moderate	11,379 GBP 13.8%	14,629 GBP 13.5%
Favourable	14,878 GBP 48.8%	19,719 GBP 25.4%

Lower ri	sk				Hi	gher risk
1	2	3	4	5	6	7
The risk i	ndicator a	issumes y	ou keep t	he produ	ct for 3 ye	ears.

Source: GBP F share class PRIIPs

Source: Deuterium, Morningstar

Performance is shown net of fund level fees and expenses. The above chart details the net performance in GBP of the Global Dynamic Allocation Long/Short S USD share class from 1 November 2022 to 18 November 2022 in GBP and of the F USD share class until 19 December 2022 with the net performance of the GBP F share class from launch on 19 December 2022. The Morningstar macro trading USD in GBP index has been included for information purposes only. Morningstar macro trading USD in GBP is not a benchmark for the fund and the fund is not managed by reference to the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform the Morningstar macro trading USD in GBP index nor does it seek to outperform t



GDALS Track Record CHF



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2022	-	-	-	-	-	-Ā	-	Œ,	-		-1.9	-2.6	-4.5
2023	3.4	-1.3	0.7	-1.6	1.7	2.1	1.2	-3.1	1-3	-))) - //	(-)	2.9

Risk & Reward Profile: Source PRIIPs

Scenarios	if you exit after 1 year	if you exit after 3 years (recommended holding period)		
Stress	1,888 CHF -81.1%	3,051 CHF -32.7%		
Unfavourable	8,586 CHF -14.1%	9,806 CHF -0.7%		
Moderate	11,286 CHF 12.9%	14,312 CHF 12.7%		
Favourable	12,728 CHF 27.3%	16,693 CHF 18.6%		

Lower risk Higher ris						gher risk
1	2	3	4	5	6	7
The risk in	ndicator a	issumes y	ou keep t	he produ	ct for 3 ye	ears.

Source: CHF F share class PRIIPs

Source: Deuterium, Morningstar

Performance is shown net of fund level fees and expenses. The above chart details the net performance in CHF of the Global Dynamic Allocation Long/Short S USD share class from 1 November 2022 to 18 November 2022 in CHF and of the F USD share class until 19 December 2022, with the net performance of the CHF F share class from launch on 19 December 2022. The Morningstar macro trading USD in CHF index has been included for information purposes only. Morningstar macro trading USD in CHF is not a benchmark for the fund and the fund is not managed by reference to the Morningstar macro trading USD in CHF index nor does it seek to outperform the Morningstar macro trading USD in CHF index. Past performance is not necessarily a guide to future performance. The value of your investment can fall as well as rise and you may not get back the original amount you invested. The value of any foreign investments may be affected by changes in currency exchange rates.



GDALS targeted portfolio exposures and betas to world equity index

Major Bonds Long/Short Typical net: -50% to +50% Typical gross: 0% to 100% Backtested Beta: -0.01 Equities Long/Short
Typical net: -25% to +75%
Typical gross: 0% to 100%
Backtested Beta: 0.09

Typical net: -75% to +75% Typical gross: 0% to 100% Backtested Beta: -0.01 US Sector Long/Short
Typical net: -20% to +40%
Typical gross: 0% to 100%
Backtested Beta: 0.03

GDALS Portfolio
Typical gross: 75% to 200%
Backtested Beta: 0.1

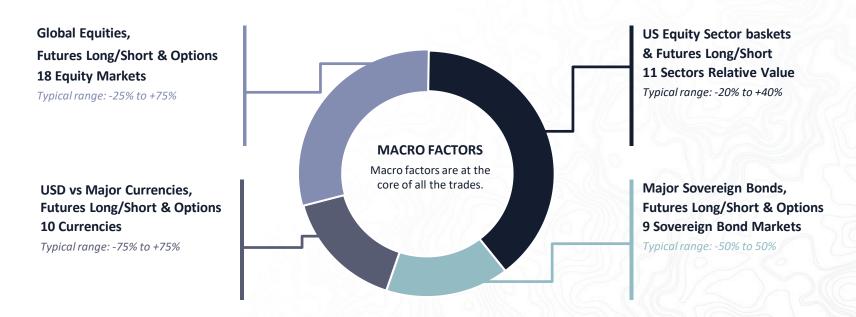
GDALS net return Nov 22 to Aug 23 (+14.2%)* compared to 10-year Hedge Fund and Equity Index annual returns

Indices	Cumulative	Annualised	Annualisad	Raw	3) 0	Correlation	Return in months when MSCI	Average Return in months when MSCI World is
					months			positive
GDALS net monthly return index		*14.2%	12.5%	1.1				
Credit Suisse Global Macro Index	57.0%	4.5%	6.9%	0.7	64.8%	0.18	-0.3%	0.8%
Credit Suisse Long/Short Equity Index	66.8%	5.2%	6.6%	0.8	63.1%	0.39	-1.3%	1.4%
Credit Suisse Multi-Strategy Index	69.5%	5.3%	4.3%	1.2	71.3%	0.17	-0.2%	0.8%
Credit Suisse Hedge Fund Index	50.8%	4.1%	4.6%	0.9	66.4%	0.25	-0.7%	0.9%
Credit Suisse Managed Futures Index	48.1%	3.9%	9.8%	0.4	55.7%	-0.02	0.2%	0.4%
Credit Suisse Convertible Arbitrage Index	38.5%	3.3%	4.1%	0.8	61.5%	0.16	-0.3%	0.6%
S&P 500 INDEX	180.6%	10.7%	14.8%	0.7	67.2%	1.00	-3.2%	3.4%
MSCI ACWI Index	92.8%	6.7%	14.5%	0.5	63.1%	1.00	-3.6%	3.1%



Equity correlation and Beta targets <= 0.3

Global Macro Portfolio Construction: 4 Baskets



GDALS trades four unique portfolios. These portfolios utilize the same drivers as our long only product, making use of the same macroeconomic inputs and scoring systems with the long bias removed.



PRIIPS Risk ranking, Leverage and VAR limits for GDALS

PRIIPS Risk Level 4 Moderate Risk



PRIIPS annual Net Return Estimate in Moderate Markets > 10%

Scenarios	if you exit after 1 year	if you exit after 3 years (recommended holding period)		
Stress	2,213 USD -77.9%	3,598 USD -28.9%		
Unfavourable	9,129 USD -8.7%	10,321 USD 1.1%		
Moderate	11,074 USD 10.7%	13,526 USD 10.6%		
Favourable	12,385 USD 23.9%	15,894 USD 16.7%		

Expected Leverage 100% to 400% with Maximum 500% Current Leverage 163%

Maximum VAR* 20% Current VAR 10.9%

Target Volatility* <10% Current Volatility 9.7%

* 20 days 99%

* Annual





Investment Process

Our four-step process blends the power of large-scale quantitative analytics with fund manager expertise. The process is designed to be evidence-driven, systematic, dispassionate, seamless and transparent.



1. Models

The team builds predictive macro models

Analysis of 27 countries and 28 economic factors. 4-6 weeks forecasts updated 4 times per hour with new data.



2. Scores

Models produce market directional scores

Scores for 27 equity and sovereign bond markets, USD currency pairs and US sectors. Aggregated with central bank policy, price pattern and valuation scores.



3. Positions

Scores translate into suggested fund positions

Positions are formulated in deep liquid markets. and identified by reference to global market cap weightings.



4. Discretion

Managers discuss and interpret positions

Managers will adjust suggested positions for policy and politics influence on market behaviour. The final decision rests with the Lead Fund Manager.

Source: Deuterium



1. Models









Fundamental Macro and Financial Data

Key Macro Predictions mapped to their GDP Components

50 million data series are considered



~800,000 data series used in our model processing



~100,000 series are retained in final models



Each series is mapped for economic influence



Database updates are 4 times per hour every hour



Consumer

Consumption
Consumer Confidence
Personal Income
Consumer Credit
Employment
Unemployment Inverse
Initial Jobless Inverse



Production Factory Orders Durable Goods Exports Imports

Capital Spending

Investment
Retail Sales
Business Credit
House Prices
Mortgage Applications
Housing Starts
Existing Home Sales
New Home Sales

Price

CPI
PCE
Core CPI
Service Inflation
Goods Inflation
PPI
Core PCE
PCE Services





1. Model Projections

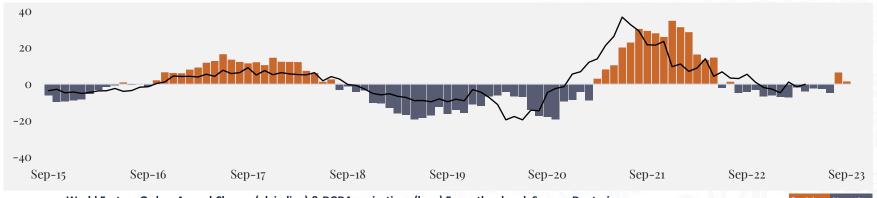








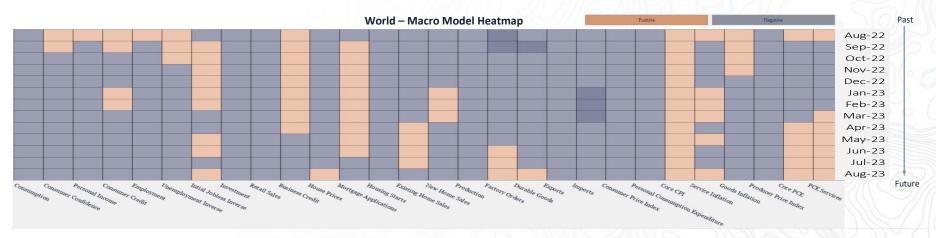
The process seeks to forecast, several months ahead, the key Macro Variables that drive asset prices.



World Factory Orders Annual Change (plain line) & DGDA projections (bars) 5 months ahead. Source: Deuterium

Positive Negative

The macro model outputs may be viewed as heat maps that show the projections for each country and region.



2. Scores









Macro Models combine with Policy, Valuation and Price inputs to produce an overall market direction probability score (% chance the market will go up/down in the next 4 to 6 weeks).

75% Ma

Macro Score

Model projections combined with Policy models for each country



Valuation Score

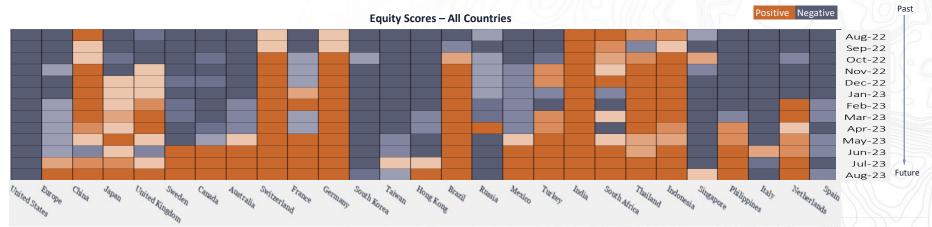
Valuation scores look at key market valuation metrics



Price Score

Price pattern scores look at a number of technical indicators

The market scores outputs may be viewed as heat maps showing market forecasts in each country.



3. Positions

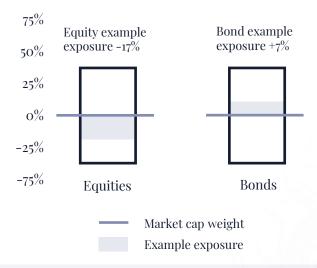


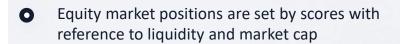




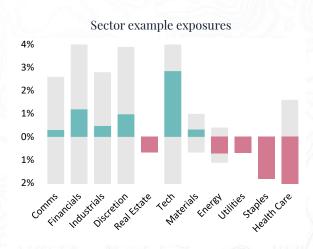


Our Quant systems recommends long/short weights that reflect our equity, sector, bond, and currency scores.





US sector positions are set by scores and implemented through our own market baskets built with ESG compliant shares



- Currency positions are set by scores of the major currency markets relative to the USD and to each other
- Major sovereign bond positions are set by the scores, and can be implemented through futures, directly, and with options



Manager Discretion

Managers can choose to hold or delay implementation of positions for several reasons.





Policy responses (and policy mistakes) that can have market effects more rapid than can be captured in underlying data

Negative score in a market that could lead to contagion across global markets

Timing effects to reflect differences between scores across various regions in asset classes











When exercised

Daily real time, investment team discussions, aiming to make unanimous decisions. Lead Manager has ultimate decision-making authority

Weekly structured and minuted risk meeting sets GDA current macro view. The majority of trading takes place as a result of this weekly meeting

Quarterly Investment Summary (QIS) publication outlines model projections for the coming months. This can be distributed to clients



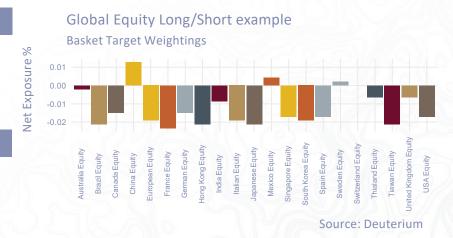
Portfolio Construction: Global Equity Long/Short

Model Universe and Instruments

- Major indices of 18 countries
- Positions are implemented through equity futures and article 8 compliant shares

What Drives Positioning?

- Primarily growth and inflation factors including consumption, investment, production and trade
- Valuations and trend



Strategy Construction

- To translate the eighteen model outputs into positions, each equity market's total score, whether positive or negative, is expressed as a percentage allocation, subject to risk constraints
- Equity scores are independent and at times a majority can express the same direction. If most scores are positive, the fund will have a high exposure to equities. The fund in general will not be more than -50% short due to risk limits, with manager oversight of final position sizing

Typical net range: -25% to +75%

Typical gross range: 0% to 75%



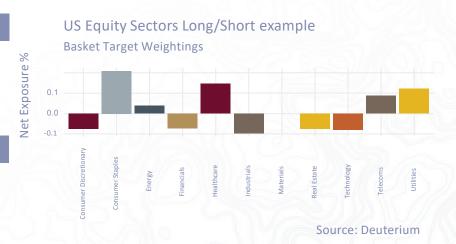
Portfolio Construction: US Equity Sector Long/Short

Model Universe and Instruments

- US indices for 11 equity sectors
- Positions are implemented through long exposures in article 8 compliant US sector shares and short US equity market futures.

What Drives Positioning?

- Primarily growth and inflation factors including consumption, investment, production and housing, as well as consumer and producer price inflation
- Monetary policy effects and valuations



Strategy Construction

- To translate the eleven model outputs into positions, the sectors are separated into long and short baskets, and each sector's total score is expressed as a percentage of its basket, subject to risk constraints
- Models generate relative performance scores for each sector compared to the overall equity index. The final long and short positions are beta adjusted to give the long and short baskets similar sensitivity to market movements, with final sizing subject to manager review

Typical net range: -20% to +40%

Typical gross range: 0% to 100%



Portfolio Construction: Major Sovereign Bond Futures Long/Short

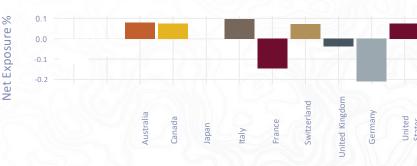
Model Universe and Instruments

- Major sovereign bonds or bond futures
- Positions generally are implemented through major bond futures

What Drives Positioning?

- Primarily growth and inflation factors including investment, production, consumer and producer prices
- Monetary policy effects and valuations





Source: Deuterium

Strategy Construction

- To translate the model scores into exposures, positive scores are set to a long position, negative scores to a short position. Position sizing
 is outlined by the bond scores
- Models are used to predict changes in yield for the most liquid maturity sovereign bonds, with sizing subject to manager review
- The fund will tend not to be short the bond market and long equities at the same time

Typical net range: -50% to +50% Typical gross range: 0% to 100%



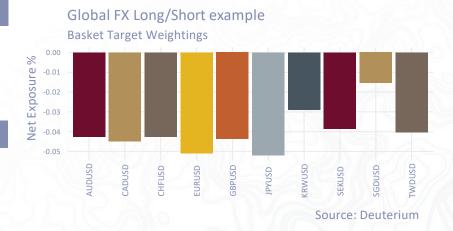
Portfolio Construction: US Dollar vs Major Currencies

Model Universe and Instruments

- USD versus currencies of 10 major countries
- Positions are implemented through currency futures and forwards

What Drives Positioning?

- Primarily growth and inflation factors including consumption, investment, production and housing, as well as consumer and producer price inflation
- Monetary policy effects and valuations



Strategy Construction

- To translate the eleven model outputs into positions, the USD model is used to set the direction of USD exposures, long or short the USD. If the USD is long, the non-USD currencies with the worst scores will have the largest short positions. If the USD is short, the non-USD currencies with the best scores will have the largest long positions, subject to risk constraints
- Models predict changes in the USD versus its major counterparts, and set currency positions subject to manager review

Typical net range: -75% to +75% Typical gross range: 0% to 100%



Risk Management

Embedded Risk Management

- At the sub-portfolio level, positions are set with limits applied during this process to control volatility at the instrument level
- Each day, these sub-portfolios are subject to their back tests, measuring volatility, beta and other risk characteristics
- The team integrates the systematic portfolio recommendations at its discretion, targeting individual basket contributions to risk and overall portfolio volatility

Proprietary Systems

- Custom built systems ensure total transparency
- Data are available for all fund transactions
- Portfolio can be broken down by risk contributions, geography, VaR and liquidity

Risk Oversight

- Weekly internal review by the Managers
- Quarterly risk report to the Fund Board





Investment Team



John Ricciardi
Lead Fund Manager and
Head of Global Asset Allocation

Before joining Deuterium, John was the Head of Global Asset Allocation at Merian Global Investors. John cofounded Kestrel Investment Partners LLP in 2011, whose global asset allocation business was acquired by Merian in 2019. Prior to Kestrel, John's notable appointments were as Iveagh's Head of Asset Allocation between 2006 and 2011, where he launched the Iveagh Wealth Fund, and as Head of Global Asset Allocation for AllianceBernstein between 1996 and 2003.

John has also cofounded and built two successful asset allocation solutions businesses: Cursitor Management which was sold to Alliance Capital in 1996 and Bullrun Financial which was sold to Quantal International Inc. in 2010.



Osman Ozsan
Chief Investment Officer

In 2018, Osman founded Deuterium Capital Management, the investment manager of the Deuterium Global Dynamic Allocation Fund. In addition to his role on the GDA team, Osman also manages a private investment portfolio and a private equity pool for clients of the firm.

Osman has led an extensive international career in investment banking working at Barclays and UBS, trading interest rate and currency derivates, as well as debt instruments. Osman studied law at the University of Bristol before moving to graduate study in Finance at the Stern School of Business in New York.



Vijay Modhvadia Managing Director

Vijay joined Deuterium in Dec 2021. Vijay has led an extensive international career in investment banking working at UBS Zurich, Credit Suisse, Barclays and HSBC Bank trading interest rates, government bonds and currency derivates.

Vijay has extensive experience in leading teams having been Head of G10 STIR at UBS and team leader at Barclays. Vijay has quantitative background with first class degree in Software Engineering and most recently completed courses in Artificial Intelligence and Machine Learning from MIT.



Data Science Team



Ravi Kishore Booka Head Quant Analyst

Ravi is the Head Quant Analyst within the GDA team, a position he has held since Jan 2021 having joined Kestrel in September 2011 as the Chief Technology Officer. Ravi is responsible for the team's technology strategy and he plays a key role in developing systems to power both the investment process and the research effort. Ravi previously worked with John at Iveagh as technology consultant and was instrumental in developing the innovative tools that drove its investment process.

Ravi began his career as a software engineer with Intoto Software Ltd in India. Ravi has a BSc in Mathematics and Computer Science and an MSc in Electronics from Andhra University, India.



Pramila Prasingu Data Analyst

Pramila is a Data Analyst within the GDA team, a position she has held since November 2020 having joined Kestrel in August 2011 as a developer. Pramila is responsible for web administration and the data analysis that underlies the team's investment modelling capabilities. Pramila previously worked with John at Iveagh as intern and was instrumental in data processing.

Pramila began her career with Andhra Bank in India as Helpdesk Executive. Pramila holds a Master's degree in Computer Networks from Middlesex University.



Sarath Kotamarthi
Quant Analyst

Sarath is a Quant Analyst within the GDA team, a position he has held since November 2020 having joined Kestrel in December 2012 as a consultant developer. Sarath is responsible for organising, analysing and reporting on non-macro-economic and financial market data in support of the team's investment modelling systems.

Sarath began his career with PC DOCTOR 24 in London. Sarath holds a BSc in Computer Science and a MSc in Computer Networking from London Metropolitan University.



About Deuterium

For professional investors only

- Deuterium Capital Management LLC ("Deuterium") managing more than \$1 billion in assets, as of 31-Dec-2022 including \$260 million in absolute return style, long/short, private fund assets, has launched the Deuterium Global Dynamic Allocation Long/Short ("GDALS"), its global macro hedge fund on the same UCITS, daily-dealing platform as the Deuterium Global Dynamic Allocation Fund ("GDA"), its long-only, multi-asset fund.
- **GDALS** Deuterium's Global Dynamic Allocation Long/Short Fund, looks to combine the best of quantitative macro fundamental analysis with decades of manager experience in a UCITS, daily dealing, **global macro hedge fund.**
- GDA The Deuterium Global Dynamic Allocation Long Only Fund, a
 UCITS, daily dealing, long only, multi asset fund with a ten-year track record has a 5-star
 Morningstar USD and 5-crown Trustnet GBP rating.



Case Studies

Lead Manager Track Records

More than three decades of performance in multi-asset investing: John Ricciardi's long-term track records

+67%

Source:

Deuterium,

Morningstar

+59%

cumulative

Source:

Cursitor /

& Bloomberg

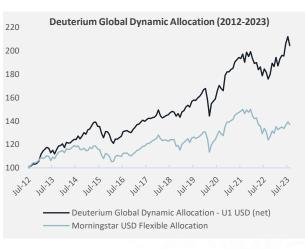
Alliance

cumulative



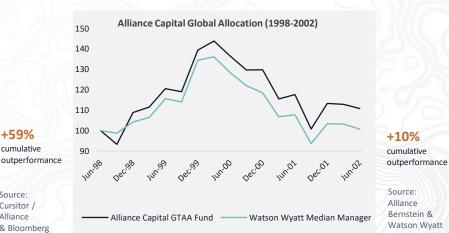
John Ricciardi Partner and Lead Manager

35 years experience Head of global asset allocation for Alliance Bernstein, \$450 billion AUM Manager of \$10 billion Cursitor Global Asset **Rotation Fund** Head of global asset allocation for Iveagh Ltd Co-founder of Cursitor and founder of Bullrun Financial, a pioneer of quantitative portfolio strategies









+10% cumulative

+28%

Source:

Bloomberg

cumulative

outperformance

Iveagh Limited &

Source: Alliance Bernstein & Watson Wyatt

Sources: Bloomberg, Deuterium. The track records on this slide were achieved using prior versions of the modelling and allocation strategies used by the Fund. Past performance is not a guide to future performance. The value of investments can go down as well as up and is not guaranteed.



Case Study Dec 2021: Sell US Discretionary & Technology Sectors

In December 2021 Scores project high probability for losses in US Discretionary (-35%) & Technology (-30%) Sectors

December 11, 2021			
US Sector	Dec 21	Mar score - Dec score	
Consumer_Staples	-50%	13%	
Materials	27%	36%	
Energy	14%	0%	
Utilities	-27%	27%	
Telecommunications	-44%	33%	1
Consumer_Discretionary	33%	-56%	*
Financials	89%	-78%	
Real_Estate	-17%	44%	
Information_Technology	57%	-100%	*
Industrials	69%	-25%	ť
Health_Care	-60%	0%	

US Equity Sector Direction Scores (+/- 100%)

December 11, 2021					1
		Price Move			
	Current	required to get			
US Sector	price	to target price	Buy	Sell	
Consumer Discretionary	1614.44	-35.3%		CDR	
Consumer Staples	771.24	-6.8%			
Energy	430.61	27.8%	ENE		V
Financials	647.84	-4.8%			1
Health Care	1565.37	-3.2%			1
Industrials	888.50	-24.9%		IDS	
Information Technology	3068.89	-30.0%		TEC	
Materials	552.89	-0.3%]
Real Estate	306.72	-12.9%			
Communication Services	266.26	-28.1%		TCO	=
Utilities	349.30	-14.3%]

US Equity Sector Valuation Targets



CNBC John Interview

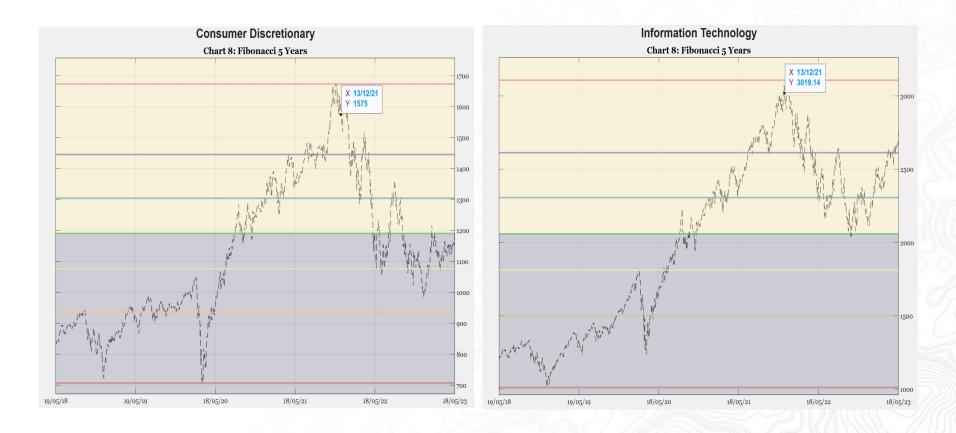
30th December 2021

https://youtu.be/7S5EjlePnmU



US Discretionary Sector drawdown (-36.5%)

US Technology Sector drawdown (-32%)



Source: Deuterium, Refinitiv.



Deuterium Long-only returns (+8.5%) vs World Equity (-0.4%) & US 10-year bond return (-17.8%)



Source: Deuterium, Bloomberg Past performance is not a guide to future performance. Refer to important disclaimers at the end of this presentation.



Case Study: Managing Through the Covid-19 Crisis

In Mar 2020 The Team Extended Bond Durations, Stayed Overweight Equities Anticipating The Rebound, and Concentrated Positions In Technology, Communications and Discretionary Sectors



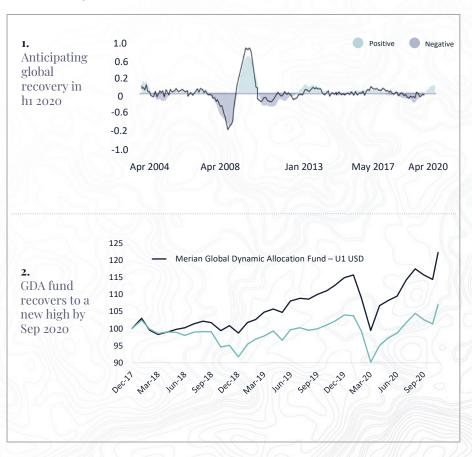
COVID-19 Crisis

To start 2020 the GDA models showed a strong upswing in the global cycles to come over the next quarters, leading the team to hold an overweight in equities. When the Covid-19 crisis was recognized as a pandemic in March, the team shifted US Treasury bond positions up to an equivalent of 100% 10 year Treasury duration. This underpinned portfolio performance during March in one of the most rapid and deep crashes in stock market history.

The team implemented proprietary short term liquidity and market monitors to assess the effects of central bank interventions and fiscal policy measures on global debt and consumption. This kept the portfolio overweight equities and concentrated positions in technology, communications and discretionary sectors.

The outcome

By Sep 2020 the fund had recovered to better its previous high in Feb 2020. This meant that the fund significantly outperformed the peer index with its Jan 2020 to Nov 2020 return of +6.4%. Adjusting the portfolio allocations for external shocks remains a core team competence.



Past performance is not a guide to future performance. The value of investments can go down as well as up and is not guaranteed.

Source: Deuterium, Bloomberg as at 18/11/2020. Refer to important disclaimers at the end of this presentation.



Case Study: Discretionary Added Value 2018

In Late 2018 the Managers Decided to Increase Equity Exposure, Ahead of the Fed Flip Flopping on Interest Rates



Fed Flip Flops

The US Federal Reserve (Fed) flipped from raising interest rates until December 2018 to cutting them between August 2019 and October 2019. The fund was able to benefit from this change in direction.

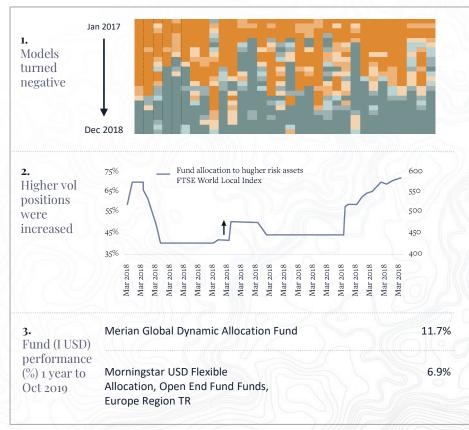
In the latter months of 2018, the team's models showed that worsening economic conditions would make it very difficult for the Fed to continue on its rate hiking path.

Manager Discretion

Was introduced because a judgment needed to be taken on human decision making within the Fed. Exposure to equities was increased.

The Outcome

The fund significantly outperformed peers during the twelve months to October 2019.



Past performance is not a guide to future performance. The value of investments can go down as well as up and is not guaranteed. Source: Deuterium, Bloomberg, Morningstar. Merian U1 USD Acc (in USD) performance 1 year at October 2019. Performance is shown net of fees and expenses. Refer to important disclaimers at the end of this presentation.



Case Study: Avoiding the Crash of 2008

In January 2008, The Lead Manager Reduced Equities Below 30%



Great Financial Crisis

When the great financial crisis hit in September 2008, the fund's lead manager was well prepared. He had only 27% allocated to equities. Consequently, the performance of the fund he was then managing held up well, while equity markets tumbled in one of the worst crashes in stock market history.

He was led to his cautious stance because his macro models had long been forecasting a global recession in 2008.

Manager Discretion

Was introduced because a judgment needed to be taken on human decision making within the Fed. Exposure to equities was increased.

The Outcome

The fund he was then managing significantly outperformed the market during the worst of the crisis, suffering a fall of only -1.0% during the period 1 September 2008 to 2 January 2009, compared to the -11.2% fall of the MSCI World Index (in GBP).

Protecting against downside risk remains a key part of his investment philosophy to this day.



Past performance is not a guide to future performance. The value of investments can go down as well as up and is not guaranteed. Source: Iveagh Wealth LTD, Bloomberg as at Jan-2010. Refer to important disclaimers at the end of this presentation.



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These portfolios tend to hold regularly rotating positions in stocks, bonds, commodities, cash and their related derivatives. These funds may exhibit characteristics fitting cautious allocation, moderate allocation, or aggressive allocation at any point in time. They may also regularly rotate between countries and regions. These portfolios typically hold from 20% to 80% of exposure in equities and between 20% to 80% of exposure in fixed income and cash. Morningstar CHF Moderate Allocation: CHF Moderate Allocation funds have a mandate to invest in a range of asset types for a CHF-based investor. The equity component will usually be between 35% & 65% in the normal running of the fund. These portfolios tend to hold regularly rotating positions in stocks, bonds, commodities, cash and their related derivatives. These funds may exhibit characteristics fitting cautious allocation, moderate allocation, or aggressive allocation at any point in time. They may also regularly rotate between countries and regions. Morningstar EUR Flexible Allocation – Global: funds have a largely unconstrained mandate to invest globally in a range of asset types for an EUR-based investor. Funds in this category may have up to 30% gross exposure allocated to alternative sub-strategies. These portfolios tend to hold regularly rotating positions in stocks, bonds, commodities, cash and their related derivatives. These funds may exhibit characteristics fitting cautious allocation, moderate allocation, or aggressive allocation at any point in time. They may also regularly rotate between countries and regions. Morningstar GBP Flexible Allocation: funds have a mandate to invest in a range of asset types including equities, bonds, property, commodities, cash and liquid alternatives for a GBP-based investor. These portfolios tend to exhibit a 'home bias' but have a largely unconstrained mandate to invest in a mix of equity and non-equity securities. Funds in this category may have up to 30% gross exposure allocated to alternative sub-strategies. A decision to invest should take into account all of the objective and characteristics of the fund as set out in more detail in the fund documents. The relevant articles of association, prospectus, supplement and key investor information document (KIID) and/or PRIIPS KID, available in English, and the latest annual/semi-annual report (as applicable) are available free of charge by clicking on https://www.deuterium.us/. Complete information on the risks of investing in the Fund are set out in the Fund's prospectus. A summary of your investor rights is available in English by clicking on https://www.deuterium.us/ The on-going charges are the fees the Fund charges to investors to cover the costs of running the Fund. Additional costs, including transaction fees, will also be incurred. These costs are paid out by the Fund, which will impact on the overall return of the Fund. For the avoidance of doubt, if you make a decision to invest, you will be buying shares in the Fund and will not be investing directly in the underlying assets of the Fund.

