

# Extended Markets Currency Alpha strategy



As an independent currency specialist, Mesirow Currency Management has been delivering innovative, customized currency solutions to institutional clients globally since 1990. Being a private, employee owned firm, Mesirow is free from many conflicts of interest associated with bank-affiliated organizations or publicly held firms and is fully aligned with the interests of its clients.

#### **BENEFITS**

- FX Market is extremely large and liquid
- Low or negative correlation to equities, bonds, and other alternative investments

#### **BACKGROUND**

- Strategy commenced trading April 2004
- Aims to profit from short and medium term currency moves

#### **INVESTMENT APPROACH**

- Systematic (Technical, Fundamental) and Discretionary (Market Information) investment style
- Active risk management embedded throughout
- MCM's GVI<sup>3</sup> adapts strategy to current market environment
- Best execution with independent TCA

#### EXTENDED MARKETS CURRENCY ALPHA STRATEGY<sup>4</sup>

Description	Absolute Return - Currency Alpha - Global Markets
Investment Style	Active Currency Management
Region	Global Markets (Developed and Developing Markets)
Instruments	FX (Spot, Forwards and NDFs)
Structural Details	
Vehicles Offered	Managed Account and Bank Platforms
Liquidity	Separate Account: Client specified
Investment Manager	Mesirow Currency Management
Regulators	FCA (UK) / SEC (US) / CFTC (US) / SFC (HK) / CCAF (MC)

**\$97.5B** currency assets<sup>2</sup>

**30+** currency professionals

15+ portfolio management average years' experience

**20+** trading average years' experience

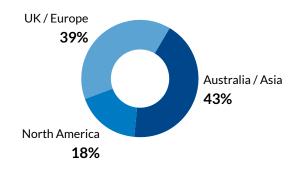
4 global office locations

**24 hours** trading capabilities

**\$450B** annual trading volume

20+ panel of bank counterparties

# GLOBAL INSTITUTIONAL CLIENT BASE<sup>2</sup>



The information contained herein is for professional investors, institutional clients, Eligible Contract Participants and Qualified Eligible Persons, or the equivalent classification in the recipient's jurisdiction, only and is for informational purposes only. Performance of the Extended Markets Currency Alpha Strategy prior to October 1, 2018 was attained at The Cambridge Strategy, an unaffiliated investment manager. On October 1, 2018, a MFIM affiliate completed the purchase of a significant portion of TCS' assets, including TCS' intellectual property and hired a majority of TCS employees. Past performance is not an indication of future results. Actual results may be materially different from the results achieved historically. This strategy has not been GIPS verified. Please refer to the disclaimer at the end of these materials for important additional information.

#### MONTHLY PERFORMANCE DATA (annualized as of October 31, 2020)4

	MTD	QTD	YTD	One Year	Three Year (pa)	Five Year (pa)	Since Inception (pa)
Gross of Fees	-2.04%	-2.04%	-1.66%	-4.19%	1.89%	5.79%	5.96%
Net of Fees	-2.20%	-2.20%	-3.29%	-6.09%	-0.61%	3.08%	2.96%

#### OCTOBER 2020 STATISTICS<sup>4</sup>

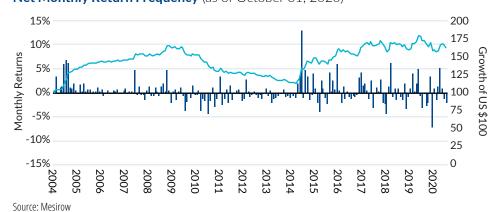
	Gross	Net
Maximum Daily Gain	2.45%	2.44%
Positive Trading Days	46%	46%
Average Positive Day Return	0.71%	0.70%
Maximum Daily Loss	-1.95%	-1.96%
Negative Trading Days	55%	55%
Average Negative Day Return	-0.76%	-0.77%

#### **SUMMARY STATISTICS**

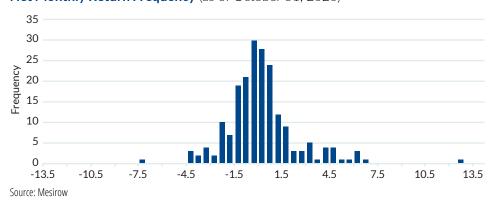
(Since Inception, April 2004 - October 31, 2020)<sup>4</sup>

	Gross	Net
Annualized Return	5.96%	2.96%
1 Year Rolling Return	-4.19%	-6.09%
6 Month Rolling Return	3.13%	2.11%
3 Month Rolling Return	-2.18%	-2.67%
Year To Date	-1.66%	-3.29%
Annualized Risk	8.35%	7.82%
Sharpe Ratio	0.62	0.27
Skewness	1.30	1.23
Kurtosis	4.72	5.51
Sortino Ratio	1.22	0.51
% Months Positive	56%	50%

# EXTENDED MARKETS CURRENCY ALPHA – MONTHLY PERFORMANCE DATA **Net Monthly Return Frequency** (as of October 31, 2020)

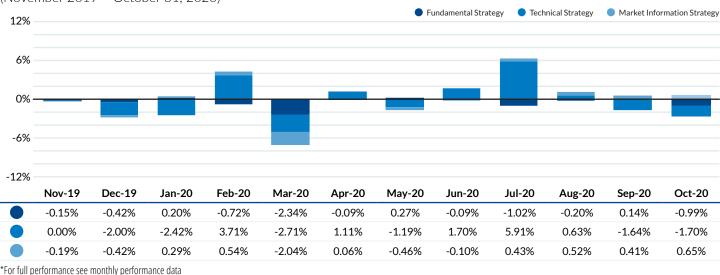


## Net Monthly Return Frequency (as of October 31, 2020)



#### EXTENDED MARKETS CURRENCY ALPHA - COMPONENTS OF GROSS RETURNS - STRATEGY CONTRIBUTION

(November 2019 - October 31, 2020)



Past performance is not an indication of future results. Actual results may be materially different from the results achieved historically. Net returns are calculated using implied management fees of 2% per annum and performance fees of 20% per annum. Please refer to the disclaimer at the end of these materials for important additional information.

#### EXTENDED MARKETS CURRENCY ALPHA - MONTHLY PERFORMANCE DATA4

			MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
Gross Performance													
2004	-	-	-	0.69%	4.31%	0.08%	1.38%	1.72%	7.66%	8.66%	7.86%	1.61%	38.96%
2005	1.18%	2.62%	0.81%	0.00%	2.20%	0.54%	2.53%	0.55%	1.07%	0.97%	-0.01%	0.51%	13.73%
2006	0.54%	1.39%	0.51%	1.01%	-0.54%	0.05%	0.71%	-0.04%	-0.03%	0.82%	0.26%	1.02%	5.83%
2007	-0.12%	-0.14%	0.65%	1.11%	0.15%	0.45%	0.27%	0.05%	6.07%	-0.29%	1.64%	-0.29%	9.80%
2008	-0.29%	-1.28%	0.52%	1.43%	-0.47%	-0.47%	1.26%	0.21%	-0.52%	1.44%	2.59%	0.53%	4.97%
2009	6.09%	0.74%	-2.53%	0.50%	1.01%	-1.55%	0.40%	1.29%	-0.67%	-3.66%	-1.70%	0.11%	-0.30%
2010	-0.97%	1.74%	-0.14%	-0.28%	0.63%	-3.55%	-1.04%	-1.49%	-0.01%	-4.25%	-1.44%	1.20%	-9.35%
2011	-2.85%	-1.17%	-0.08%	3.45%	-2.35%	-1.03%	0.80%	-1.92%	1.56%	-1.37%	0.12%	0.51%	-4.40%
2012	0.85%	0.08%	-1.55%	-1.11%	3.01%	0.36%	-0.63%	-0.27%	0.47%	-0.35%	-0.91%	-0.18%	-0.32%
2013	-1.01%	-0.02%	0.98%	-0.36%	0.66%	-1.93%	-1.10%	-0.83%	-0.45%	0.11%	-0.10%	0.90%	-3.13%
2014	-0.75%	-0.58%	-0.97%	0.09%	-0.43%	-0.83%	2.18%	3.76%	13.12%	-0.85%	4.77%	3.62%	24.66%
2015	-1.24%	-0.22%	4.26%	0.97%	-1.95%	-3.90%	2.79%	1.06%	-0.95%	-2.22%	4.49%	0.43%	3.20%
2016	2.64%	0.89%	6.38%	0.74%	-2.05%	1.52%	-1.05%	0.43%	-0.71%	-1.19%	-0.38%	-0.76%	6.36%
2017	-0.28%	3.40%	4.99%	2.07%	2.50%	0.73%	-1.16%	2.90%	-3.23%	-0.02%	1.17%	0.40%	14.03%
2018	3.48%	-2.49%	-2.19%	-4.27%	1.36%	6.41%	-0.59%	1.02%	-1.43%	0.92%	-0.66%	-1.32%	-0.21%
2019	2.07%	-3.18%	-0.76%	1.12%	4.21%	0.34%	2.39%	6.29%	-0.65%	-2.89%	0.05%	-2.64%	6.08%
2020	-1.93%	3.53%	-7.09%	1.08%	-1.38%	1.50%	5.32%	0.95%	-1.08%	-2.04%	-	-	-1.66%
Net Perform	mance												
2004	-	-	-	0.49%	3.32%	-0.07%	0.97%	1.24%	6.00%	6.80%	6.15%	1.14%	28.89%
2005	0.82%	1.97%	0.51%	-0.16%	1.66%	0.30%	1.90%	0.30%	0.72%	0.65%	-0.14%	0.27%	9.12%
2006	0.30%	0.99%	0.27%	0.69%	-0.57%	-0.09%	0.44%	-0.17%	-0.15%	0.52%	0.07%	0.68%	2.99%
2007	-0.30%	-0.30%	0.48%	0.78%	-0.02%	0.23%	0.08%	-0.10%	4.74%	-0.47%	1.27%	-0.36%	6.10%
2008	-0.47%	-1.44%	0.36%	1.26%	-0.64%	-0.63%	1.08%	0.04%	-0.69%	1.23%	1.95%	0.29%	2.31%
2009	4.74%	0.47%	-2.16%	0.27%	0.68%	-1.48%	0.22%	0.97%	-0.68%	-3.83%	-1.86%	-0.07%	-2.94%
2010	-1.13%	1.59%	-0.32%	-0.45%	0.47%	-3.72%	-1.21%	-1.66%	-0.18%	-4.41%	-1.61%	1.02%	-11.16%
2011	-3.01%	-1.32%	-0.26%	3.29%	-2.51%	-1.20%	0.64%	-2.10%	1.40%	-1.53%	-0.05%	0.34%	-6.29%
2012	0.68%	-0.08%	-1.72%	-1.27%	2.83%	0.19%	-0.80%	-0.45%	0.32%	-0.52%	-1.07%	-0.34%	-2.29%
2013	-1.19%	-0.17%	0.82%	-0.53%	0.49%	-2.08%	-1.28%	-0.99%	-0.61%	-0.06%	-0.26%	0.73%	-5.06%
2014	-0.93%	-0.73%	-1.13%	-0.08%	-0.60%	-0.99%	2.00%	3.60%	12.96%	-1.03%	4.62%	3.44%	22.23%
2015	-1.41%	-0.38%	4.09%	0.81%	-2.11%	-4.07%	2.61%	0.90%	-1.11%	-2.39%	4.33%	0.25%	1.16%
2016	2.48%	0.73%	5.31%	0.46%	-2.11%	1.35%	-1.21%	0.26%	-0.88%	-1.35%	-0.55%	-0.93%	4.07%
2017	-0.45%	3.25%	4.28%	1.54%	1.86%	0.45%	-1.32%	2.45%	-3.11%	-0.19%	1.00%	0.23%	11.81%
2018	2.79%	-2.14%	-2.35%	-4.43%	1.18%	6.25%	-0.75%	0.83%	-1.57%	0.75%	-0.83%	-1.48%	-2.15%
2019	1.89%	-3.33%	-0.92%	0.95%	4.03%	0.19%	1.81%	4.90%	-0.65%	-3.07%	-0.11%	-2.79%	2.56%
2020	-2.11%	3.38%	-7.26%	0.92%	-1.54%	1.33%	5.14%	0.79%	-1.25%	-2.20%	-	-	-3.29%

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To learn more, visit mesirow.com or contact Joe Hoffman at 312.595.7019 or jhoffman@mesirowfinancial.com.

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1. Track record for Currency Risk Management Overlay strategies prior to May 2004, the date that the Currency Risk Management team joined Mesirow, occurred at prior firms. Track record for Currency Alpha and Macro Strategies prior to October 1, 2018, the date that the Currency Alpha and Macro Strategies team joined Mesirow, occurred at prior firms.

2. Mesirow Currency Management AUM reflects assets under management for both currency risk management products (passive and active management) and alpha and macro products. Risk management product AUM reflects the total foreign currency portfolio exposure of passive and active clients' underlying portfolios allocated to the Currency Division of Mesirow Financial. Alpha and macro product AUM reflect the client's total investment amount in the alpha and macro strategies of the Currency Division of Mesirow Financial, which is calculated based on an annualized 2% volatility target. The current allocation to the currency sleeve of the Enhanced Core Plus Fund is a notional 10%.

3. The GVI is an internal proprietary model utilizing one month at-the-money (ATM) volatility for G10 currencies, including crosses plus BIS liquidity report weightings.

4. Performance of the Extended Markets Currency Alpha Strategy prior to October 1, 2018, was attained at The Cambridge Strategy (TCS), an unaffiliated investment manager. On October 1, 2018, a MFIM affiliate completed the purchase of a significant portion of TCS' assets, including TCS' intellectual property and hired a majority of TCS employees. Past performance is not an indication of future results. Actual results may be materially different from the results achieved historically. This strategy has not been GIPS verified.

Notes on performance: The Extended Markets Currency Alpha Strategy commenced trading in April 2004 as a carve-out from an institutional account. From April 2004 through December 2010 performance is based on an equal-weighted composite of all accounts invested in the Extended Markets Currency Alpha Strategy, from January 2011 performance is based on the asset weighted performance of all accounts invested in that strategy. Net returns are calculated using implied management fees of 2% per annum and performance feesof 20% per annum. Performance fees are accrued daily, paid quarterly and a high water mark is employed. Performance is in USD and all returns and statistics are based on monthly returns. The composite includes all fee paying accounts, including both commingled and managed accounts. Currency trading may involve instruments that have volatile prices, are illiquid or create economic leverage. Emerging markets securities involve risks such as currency fluctuation and political and economic instability that could result in additional volatility. Unhedged short sales expose the strategy to additional liability

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