

# Emerging Market Investment Grade Debt

September 30, 2022

## Inception Date

April 1, 2015

## Total Strategy Assets<sup>1</sup>

\$1.0 billion

## Portfolio Managers

Dominic Guillossou, CFA  
Thomas Smith

## Strategy Vehicles

- Separately Managed Account

## Benchmark<sup>2</sup>

50% JP Morgan EMBI Global  
Diversified Investment Grade / 50%  
JP Morgan CEMBI Broad Diversified  
Investment Grade

## Typical Targets<sup>3</sup>

<b>USD Sovereign / Quasi-Sovereign (%)</b>	25 - 100
<b>Corporates (%)</b>	25 - 100
<b>Non-U.S. Dollar EM (%)</b>	0 - 10
<b>Cash (%)</b>	0 - 10

## OUR STRENGTHS

We believe our key competitive strengths are:

- People** — Our platform is truly global. We have long-term experience in Emerging Markets, navigating through economic cycles and changing market conditions. Our global credit research team provides local coverage and knowledge of relevant emerging markets.
- Philosophy** — We believe emerging markets securities are frequently mispriced based on their exposure to country, currency and credit risk.
- Process** — The portfolio construction process blends a top-down country view with a focused bottom-up security selection. Fluid communication among team members facilitates continuous idea generation.
- Size** —Our size ensures there is sufficient diversification at the portfolio level, combined with our ability to source new issue allocations around the globe, and remain sufficiently nimble to reposition the portfolio as market opportunities arise.

## PHILOSOPHY AND PROCESS

We believe emerging market securities are frequently mispriced based on their exposure to country, currency, and credit risk.

We seek to exploit inefficiencies in the market and provide clients with excess returns to the benchmark by:

- Conducting proprietary, in-depth fundamental sovereign and corporate research
- Focusing on global relative value across the credit spectrum
- Constructing diversified portfolios with attractive risk / reward characteristics
- Utilizing both US dollar and non-dollar securities

## ALPHA DRIVERS

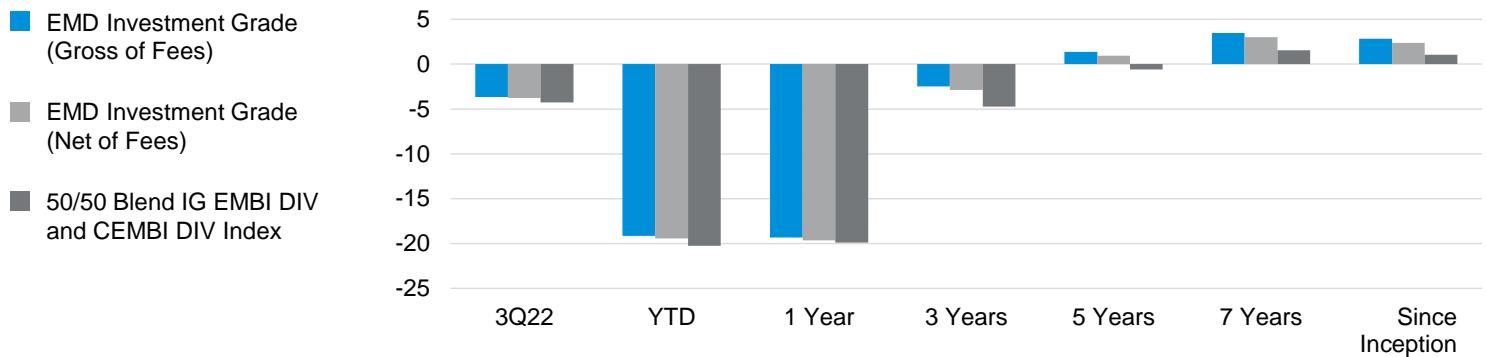
- Focus on security selection, currency selection and country selection as the primary sources of alpha.
- Seek to achieve excess returns to the benchmark by applying bottom-up security selection within a framework that provides a top-down macroeconomic overlay.
- Believe in the ability to turn the portfolio over to source new ideas at attractive levels and aim to exit positions with rich valuations.
- Find opportunities that are attractive on a global basis.

1. Stated at estimated fair value (unaudited). Emerging Market Investment Grade Debt is a strategy of public fixed income assets. Total Strategy Assets for Emerging Market Investment Grade Debt include all assets managed by MIM in the Emerging Market Investment Grade Debt strategy and may include certain assets that are not included in Composite Assets (as presented in GIPS® Composite Statistics and Performance table on the following page) for Emerging Market Investment Grade Debt.

2. Please see the full GIPS® disclosures at the end of this document.

3. Any portfolio targets and/or limits are used to illustrate the Investment Manager's current intentions and may be subject to change without notice.

## COMPOSITE PERFORMANCE (%)<sup>1</sup>



	3Q22	YTD	1 Year	3 Years	5 Years	7 Years	Since Inception
<b>EMD Investment Grade (Gross of fees)</b>	<b>-3.65</b>	<b>-19.15</b>	<b>-19.31</b>	<b>-2.48</b>	<b>1.37</b>	<b>3.48</b>	<b>2.84</b>
<b>EMD Investment Grade (Net of fees)</b>	<b>-3.76</b>	<b>-19.42</b>	<b>-19.66</b>	<b>-2.86</b>	<b>0.94</b>	<b>3.02</b>	<b>2.38</b>
50/50 Blend IG EMBI DIV and CEMBI DIV Index	-4.25	-20.26	-19.9	-4.74	-0.58	1.54	1.04

## RELATIVE PERFORMANCE (GROSS OF FEES)<sup>2</sup>



1. Past performance is not indicative of future results. Net of fee returns reflect the deduction of investment advisory fees and are calculated in the same manner as gross of fee returns. Net of fee returns are calculated using the highest fee rate disclosed in the Form ADV. Fees for separate accounts may be negotiable depending upon asset size and type of account.

2. The eVestment Universe ranking is calculated by eVestment using investment performance returns gross of fees and strategy descriptions self-reported by participating investment managers and are not verified or guaranteed by eVestment. eVestment defines each Universe and selects the participating managers for the Universe it determines have similar investment strategies. The Universe ranking uses gross performance as manager fees may vary so that returns will be reduced when advisory fees are deducted. Performance returns for periods greater than one year are annualized. Additional information regarding net performance rankings is available upon request. The reports of the Universe percentile ranks were sourced on November 1, 2022, and represents 84% of the reported eVestment All Emerging Markets Fixed Income Universe – Investment Grade Fixed Income as of that date. MIM has not verified and cannot verify the information from outside sources.

## QUARTERLY PERFORMANCE ATTRIBUTION

- The strategy outperformed the benchmark during the third quarter, driven by overweights in Latin America, a bias to corporates over sovereigns, and off-index high yield exposure.
- The portfolio's elevated cash level continued to benefit the portfolio as treasuries sold-off.
- Latin American corporates were able to recover from weakness experienced in June; however, September challenged dollar prices amid rising rates.
- Brazilian and Mexican overweights outperformed in the third quarter.
- With the EMBI underperforming the CEMBI during the quarter, underweights to sovereigns including Hungary and Peru contributed.
- Longer duration quasi-sovereign underweights and issuers in United Arab Emirates also supported returns.
- Russia sovereign exposure positively contributed as the bonds were repriced higher during the quarter amid small trade activity.
- Oil and Gas HY exposure in BB rated names performed well as energy remains at comfortable levels for exporters.
- Sovereign exposure to Dominican Republic, Ivory Coast, and Angola benefited the portfolio given less duration sensitivity.
- Partially offsetting some positives in the portfolio was security selection to select longer duration sovereign bonds including Saudi Arabia, Mexico, Panama, and Chile.

## STRATEGY

Investing in EM in the current environment remains challenging, aggravated by limited liquidity and a hawkish Fed. Macro factors led by the Russia/Ukraine War, global inflation, and China growth are driving recent risk-off appetite, steering asset valuations, and overshadowing EM fundamentals. These macro headwinds are significant for assets; however, the buffers across many EM corporates and sovereigns are substantial and underrealized. Corporates have priced in downside risk but remain hostage to elevated sovereign spread levels that are weighed down by global factors. As we begin to see clarity on the macro side, we expect stability in spreads and a repricing to better reflect fundamentals, supporting the overall EM asset class and risk appetite.

Security selection has proven to be more important than ever in identifying issuers with strong fundamentals despite a sell-off due to market technicals. We believe this current environment presents opportunities for EM securities, where yields on the indices are at levels not seen since 2009. With double digit negative performance YTD, this weakness could drive performance over the next year horizon.

The views presented above are MIM's and are subject to change over time. There can be no assurance that the views expressed above will prove accurate and should not be relied upon as a reliable indicator of future events.

## STRATEGY CHARACTERISTICS<sup>1</sup>

	Yield To Maturity (%)	Effective Duration (years)	Average Credit Quality
<b>EMD Investment Grade</b>	<b>6.66</b>	<b>6.43</b>	<b>Baa1 / BBB+</b>
50/50 Blend IG EMBI DIV and CEMBI DIV Index	5.87	6.42	A3 / A-

## SECTOR POSITIONING<sup>1</sup>

REGIONS	Market Value (%)		REGIONS	Market Value (%)	
	EMD Investment Grade	Active Weight vs. 50/50 Blend IG EMBI DIV and CEMBI DIV Index		EMD Investment Grade	Active Weight vs. 50/50 Blend IG EMBI DIV and CEMBI DIV Index
NORTH AMERICA	<b>8.41</b>	7.32	EMBI	<b>33.5</b>	-16.5
EMERGING EUROPE	<b>2.64</b>	-2.72	CEMBI	<b>59.9</b>	9.9
LATIN AMERICA	<b>35.92</b>	13.48	NON-DOLLAR	<b>0.0</b>	0.0
ASIA	<b>27.64</b>	-16.28	CASH	<b>6.6</b>	6.6
MIDDLE EAST / AFRICA	<b>25.39</b>	-3.50	OTHER (Treasury)	<b>0.0</b>	-0.1

## CREDIT QUALITY DISTRIBUTION<sup>1</sup>

RATINGS	Market Value (%)	
	EMD Investment Grade	Active Weight vs. 50/50 Blend IG EMBI DIV and CEMBI DIV Index
AAA/Cash	<b>6.62</b>	6.51
AA	<b>8.94</b>	-3.53
A	<b>18.90</b>	-14.69
BBB	<b>51.57</b>	-2.26
BB & Below	<b>13.97</b>	13.97

## TOP 5 CORPORATE SECTORS<sup>1</sup>

SECTORS	Market Value (%)	
	EMD Investment Grade	Active Weight vs. 50/50 Blend IG EMBI DIV and CEMBI DIV Index
UTILITIES	<b>17.1</b>	8.3
OIL & GAS	<b>13.0</b>	3.6
FINANCIALS	<b>12.6</b>	-7.3
INDUSTRIAL	<b>7.5</b>	0.9
TMT	<b>5.8</b>	1.8

1. The characteristics displayed are for a representative account for this investment strategy. Actual account characteristics may differ. The benchmark data is that of the 50% JP Morgan EMBI Global Diversified Investment Grade / 50% JP Morgan CEMBI Broad Diversified Investment Grade Index. All data above is provided for illustrative purposes only. This data is supplemental to the information required in a GIPS® compliant document. Credit ratings reflect the index provider's credit quality methodology. Average quality excludes cash and securities that are not rated. Totals may not foot due to rounding.

## COMPOSITE STATISTICS AND PERFORMANCE

Year	Gross-of-fee Return	Net-of-fee RETURN	Benchmark Return <sup>1</sup>	Number Of Portfolios	Dispersion Stdv <sup>2</sup>	Composite 3 Yr Stdv <sup>3</sup>	Benchmark 3 Yr Stdv <sup>3</sup>	Composite Assets	Total Firm Assets (BB)
4/1/2015 (Inception) to 12/31/2015	-2.11%	-2.48%	-2.33%	≤ 5	N/A	N/A	N/A	\$98,657,761	\$509.6
2016	8.60%	8.06%	6.43%	≤ 5	N/A	N/A	N/A	\$107,137,617	\$526.8
2017	9.76%	9.22%	7.73%	≤ 5	N/A	N/A	N/A	\$117,471,594	\$554.3
2018	-1.25%	-1.75%	-1.50%	≤ 5	N/A	4.10%	4.00%	\$116,254,216	\$548.8
2019	18.00%	17.51%	14.59%	≤ 5	N/A	3.43%	3.47%	\$137,052,703	\$600.0
2020	12.54%	12.15%	8.24%	≤ 5	N/A	9.32%	6.89%	\$154,256,659	\$659.6
2021	-0.30%	-0.68%	-0.92%	≤ 5	N/A	9.35%	6.88%	\$280,942,564	\$669.0
YTD to 9/30/22	-19.15%	-19.24%	-20.26%	≤ 5	N/A	10.98%	8.72%	\$219,272,220	N/A

Past performance is not indicative of future results. The information presented is only available for institutional client use.

1. The comparison purposes, the index is fully invested and includes the reinvestment of income. The returns for the index do not include any transaction costs, management fees or other costs. performance benchmark for the Emerging Market Investment Grade Debt composite is a 50/50 blend of the JP Morgan Emerging Markets Bond Index Global Diversified Investment Grade Index and the JP Morgan Corporate Emerging Market Bond Index Broad Diversified Investment Grade Index. The Emerging Market Investment Grade Debt strategy does not invest in all regions or sectors within the benchmark. It is not possible to invest directly in an unmanaged index. All index returns presented are provided to represent the investment environment existing during the time periods shown and will not be covered by the future report of independent verifiers. For
2. The dispersion of annual returns is measured by the standard deviation among asset-weighted gross of fee portfolio returns represented in the composite for the full year. "N/A" is an indication that the information is not statistically meaningful due to an insufficient number of portfolios (five or fewer) in the composite for the entire year. Standard deviation is only presented for accounts managed for a full calendar year.
3. The three-year annualized standard deviation measures the variability of the gross of fee composite and the benchmark returns over the preceding 36 month period. It is not presented for quarter-ends and periods when 36 monthly composite returns were not available.

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The creation date of the Emerging Market Investment Grade Debt Composite is January 14, 2016 and the inception date is April 1, 2015.

The Emerging Market Investment Grade Debt strategy seeks to generate current income and total return over changing market conditions by investing in bonds issued by corporations and sovereign entities across the global emerging markets using credit research and focusing on country and security selection across the credit spectrum. Derivatives make up a part of the composite strategy and the Firm utilizes futures, forwards and interest rate swaps. Effective January 1, 2019, the composite name was changed from Emerging Markets Debt to Emerging Market Investment Grade Debt. Effective March 1, 2021 the Emerging Market Investment Grade Debt composite contains fully discretionary, fee-paying fixed income accounts with assets exceeding \$50 million, managed in accordance with the applicable composite strategy except as otherwise excluded herein. Prior to March 1, 2021 there was no minimum account size for the Emerging Market Investment Grade Debt composite. The composite includes all portfolios managed on a discretionary basis according to the applicable composite strategy except as otherwise excluded herein. The Firm maintains a list of composites and descriptions, a list of limited distribution pooled funds and their descriptions, and a list of broad distribution pooled funds, all of which are available upon request. Policies for valuing investments, calculating performance and preparing GIPS reports are available upon request.

The performance benchmark is a 50/50 blend of the JP Morgan Emerging Markets Bond Index ("EMBI") Global Diversified Investment Grade Index and the JP Morgan Corporate Emerging Market Bond Index ("CEMBI") Broad Diversified Investment Grade Index. The benchmark is rebalanced daily, and is an unmanaged portfolio constructed to mirror the emerging markets debt market. The JP Morgan EMBI Global Diversified Investment Grade Index includes Investment Grade US dollar-denominated Brady bonds, Eurobonds, and traded loans issued by sovereign and quasi-sovereign entities. JP Morgan defines investment grade as a credit rating of BBB or above, based on the middle rating of the S&P, Moody's and Fitch ratings. The EMBI Global Diversified Index limits the current face amount allocations of the bonds in the Index and caps the maximum weight of countries at 10%. The JP Morgan CEMBI Broad Diversified Investment Grade Index is a global benchmark for Investment Grade US-dollar corporate emerging market bonds and includes a specific set of emerging markets countries. JP Morgan defines investment grade as a credit rating of BBB or above, based on the middle rating of the S&P, Moody's and Fitch ratings. JP Morgan CEMBI Broad Diversified Investment Grade Index limits the weights of those index countries with larger corporate debt stocks by only including a specified portion of these countries' eligible current face amounts of debt outstanding, effectively capping country weightings at 10% of the total index. The Emerging Market Investment Grade Debt strategy does not invest in all regions or sectors within the benchmark. It is not possible to invest directly in an unmanaged index. All index returns presented are provided to represent the investment environment existing during the time periods shown and will not be covered by the future report of independent verifiers. For comparison purposes, the index is fully invested and includes the reinvestment of income. The returns for the index do not include any transaction costs, management fees or other costs.

Returns are based on fully discretionary accounts under management and may include terminated accounts. The dispersion of annual returns is measured by the standard deviation among asset-weighted gross of fee portfolio returns represented within the Emerging Market Investment Grade Debt composite for the full year. Dispersion is not calculated for composites with five or fewer accounts for the whole period.

Performance returns are presented gross and net of fees, include the reinvestment of all income and are calculated in U.S. dollars. Dividend income has been recorded before the deduction of applicable withholding taxes. Returns calculated gross of fees do not reflect the deduction of our investment management fees. Net returns have been calculated by reducing the monthly gross returns by the twelfth root of the highest stated ADV fee for the strategy. The investment management fee schedule for the Emerging Market Investment Grade Debt composite is 0.35% on the first \$50 million, 0.30% on amounts from \$50 million to \$150 million and 0.25% on amounts over \$150 million. From inception date to June 30, 2019, the highest fee used to calculate monthly net returns was 0.50%. From July 1, 2019 to the present the highest stated ADV fee is 0.35%. Investment management fees are described in Part 2A of the Firm's Form ADV. 100% of the composite assets are comprised of non-fee-paying portfolios for the periods presented. Individual client returns will be reduced by investment management fees and other expenses that the account may incur. Fees have a compounding effect on cumulative results. Actual investment management fees incurred by clients may vary.

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