

## The MacKay Advantage

### MACKAY SHIELDS

- \$151 Billion AUM<sup>1</sup>
- Experienced boutique investment teams
- Specialty fixed income expertise across global fixed income markets including municipal bonds, structured credit, corporate credit and emerging markets debt
- Acquired by New York Life Insurance Company in 1984

## About EMD Corporates

- \$458 Million AUM<sup>2</sup>
- Strategy inception date—January 2022

## Emerging Markets Debt Team

VALENTINA CHEN, CFA  
CO-HEAD & PORTFOLIO MANAGER

PHILIP FIELDING, CFA  
CO-HEAD & PORTFOLIO MANAGER

HENRY STIPP, PHD  
PORTFOLIO MANAGER

CHRISTOPHER GARCIA, CFA  
QUANTITATIVE RESEARCH

GABRIELA SEBRELL  
CORPORATE ANALYST

DANIEL ZACZKIEWICZ  
CORPORATE ANALYST

## Emerging Market Low Tracking Error Investment Grade Corporate Debt

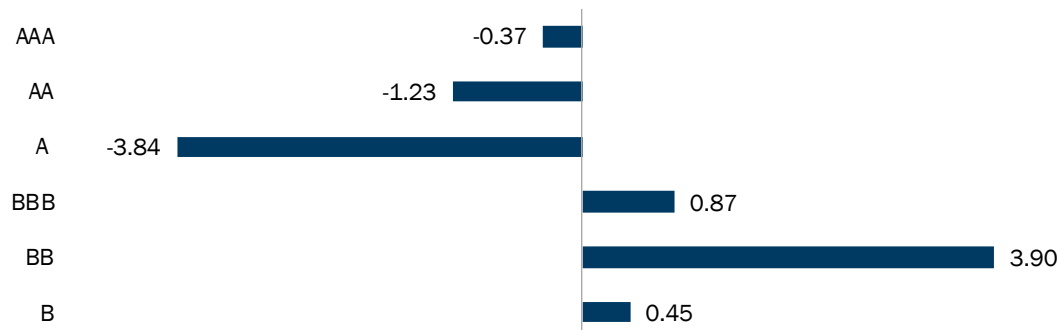
Emerging Market Low Tracking Error Investment Grade Corporate Debt strategy seeks to achieve income and total return by investing primarily in corporate debt securities from emerging markets offering relatively attractive current market yields after adjusting for pertinent risks. The strategy is a total return blended EMD investment strategy with an objective to outperform a 90% JP Morgan CEMBI Broad Diversified IG Index and 10% JP Morgan CEMBI Broad Diversified BB Index universe. The investment team employs a research-driven, relative value process focused on regional selection, country selection, sector selection, security selection and yield curve positioning while also considering the portfolio's overall duration positioning.

## MacKay Shields Representative Account Characteristics | As of September 30, 2024

### PORTFOLIO STATISTICS

|                         | Portfolio | Index <sup>1</sup> | Difference |
|-------------------------|-----------|--------------------|------------|
| YIELD TO WORST          | 5.26      | 4.99               | 0.28       |
| OPTION ADJUSTED SPREAD  | 160       | 136                | 24         |
| EFFECTIVE DURATION      | 5.11      | 4.88               | 0.23       |
| DURATION TIMES SPREAD   | 8.54      | 6.99               | 1.54       |
| COUPON RATE             | 4.31      | 4.32               | -0.01      |
| CURRENT YIELD           | 4.50      | 4.48               | 0.03       |
| YEARS TO MATURITY       | 7.74      | 8.53               | -0.79      |
| BLOOMBERG CREDIT RATING | BAA2      | BAA1               | —          |
| NUMBER OF ISSUERS       | 152       | 704                | —          |
| # OF SECURITIES         | 184       | 1,528              | —          |

### % OVERWEIGHTS AND UNDERWEIGHTS BY RATING<sup>2</sup>



1. Index = 90% JP Morgan CEMBI Broad Diversified IG Index / 10% JP Morgan CEMBI Broad Diversified BB Index. The representative portfolio was selected because it is the oldest account in the composite. The representative portfolio was not selected based on performance. Each client account is individually managed, actual holdings will vary for each client and there is no guarantee that a particular client's account will have the same characteristics. It may not precisely represent every portfolio in the composite. This document is for informational purposes only. Portfolio holdings are subject to change without notice. It is not possible to invest directly into an index. Please see disclosures at the end of this presentation for important benchmark information, including disclosures related to comparisons to an index and index descriptions. Provided as supplemental information to the GIPS report at the end of this document.

2. Credit Quality is assigned as the middle rating of Moody's, S&P and Fitch; when a rating from only two agencies is available, the lower is used; when only one agency rates a bond, that rating is used.

1. As of September 30, 2024  
2. Includes investment-grade and high-yield sleeves.

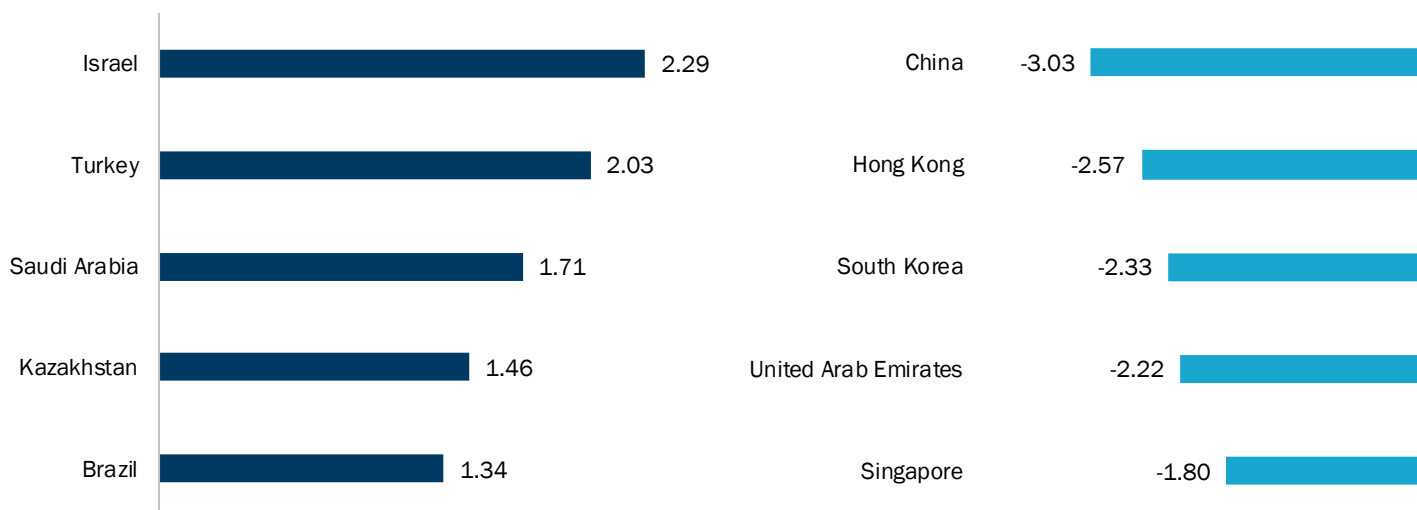
## For Any Questions

Please contact  
answers@mackayshields.com

# EMERGING MARKET LOW TRACKING ERROR INVESTMENT GRADE CORPORATE DEBT

## MacKay Shields Representative Account Characteristics (Cont'd) | As of September 30, 2024

### ACTIVE COUNTRY WEIGHT



### REGION AND CURRENCY EXPOSURE

| MacKay Shield Representative Account |            |            |
|--------------------------------------|------------|------------|
|                                      | Active CTD | Active YTM |
| AFRICA                               | 0.15       | 0.11       |
| ASIA                                 | -0.42      | -0.54      |
| EUROPE                               | 0.25       | 0.34       |
| LATIN AMERICA                        | 0.07       | 0.31       |
| MIDDLE EAST                          | 0.21       | —          |

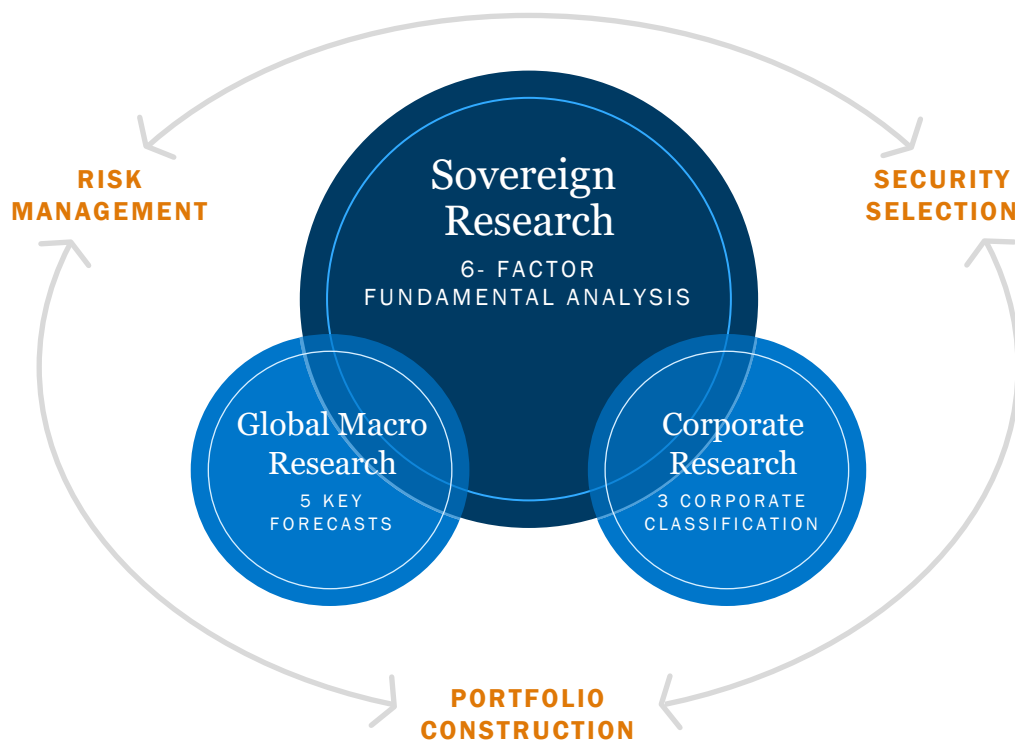
### ASSET TYPE BREAKDOWN | %

|                 | Representative Account | Index <sup>1</sup> | Difference |
|-----------------|------------------------|--------------------|------------|
| CORPORATE       | 89.85                  | 100.00             | -10.15     |
| QUASI-SOVEREIGN | 7.45                   | —                  | 7.45       |
| SOVEREIGN       | 2.49                   | —                  | 2.49       |
| CASH            | 0.22                   | —                  | 0.22       |

1. Index = 90% JP Morgan CEMBI Broad Diversified IG Index / 10% JP Morgan CEMBI Broad Diversified BB Index

The representative portfolio was selected because it is the oldest account in the composite. The representative portfolio was not selected based on performance. Each client account is individually managed, actual holdings will vary for each client and there is no guarantee that a particular client's account will have the same characteristics. It may not precisely represent every portfolio in the composite. This document is for informational purposes only. Portfolio holdings are subject to change without notice. It is not possible to invest directly into an index. Please see disclosures at the end of this presentation for important benchmark information, including disclosures related to comparisons to an index and index descriptions. Provided as supplemental information to the GIPS report at the end of this document.

## Team Process Overview



Led management of  
**~\$4 billion** across  
Emerging Market Debt  
sovereigns and  
corporates prior to  
joining MacKay

**Inclusivity, diversity of  
thought** fostered by  
varied skills and  
backgrounds

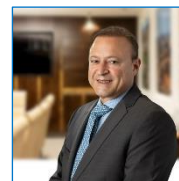
**Collaboration** and  
**alignment** with the  
Global Credit Team



**Valentina Chen**  
CO-HEAD &  
PORTFOLIO MANAGER



**Philip Fielding**  
CO-HEAD &  
PORTFOLIO MANAGER



**Henry Stipp**  
PORTFOLIO  
MANAGER



**Christopher Garcia**  
QUANTITATIVE  
RESEARCH



**Gabriela Sebrell**  
CORPORATE  
ANALYST



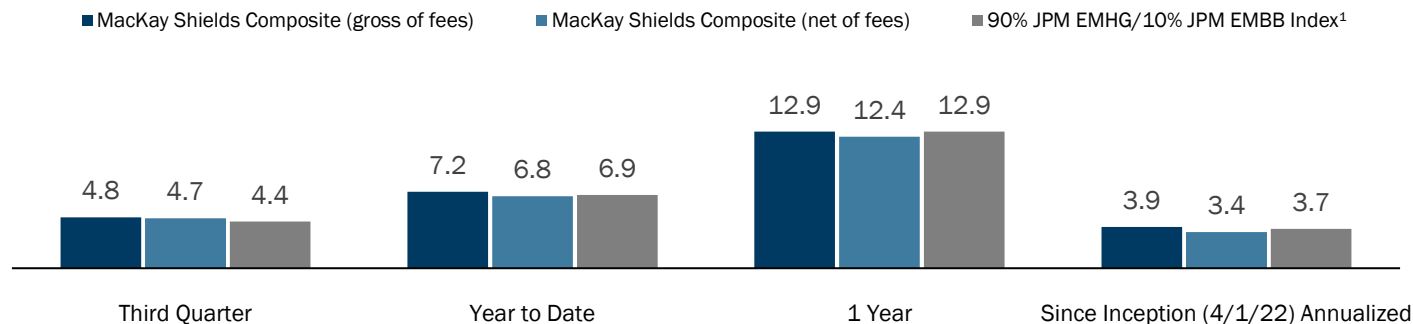
**Daniel Zaczkiewicz**  
CORPORATE  
ANALYST

Source: MacKay Shields. For illustrative purposes only. There is no guarantee that investments will be profitable. Individual exposures may vary according to client guidelines and other factors.

# EMERGING MARKET LOW TRACKING ERROR HIGH GRADE CORPORATE DEBT | PERFORMANCE

## Composite Returns (%)

Period Ending September 30, 2024



## Composite Disclosures

| Period           | 90% JPM                                    |  |  | Composite 3-Yr St Dev (%) | Benchmark <sup>1</sup> 3-Yr St Dev (%) | No. of Accts. | Composite Assets (\$Mil) | Firm Assets (\$Mil) | Internal Dispersion (%) |
|------------------|--|--|--|---------------------------|--|---------------|--------------------------|---------------------|-------------------------|
|                  | MacKay Shields Composite Gross Returns (%) | MacKay Shields Composite Net Returns (%) | EMHG/10% JPM EMBB Index <sup>1</sup> Returns (%) |                           |  |               |                          |                     |                         |
| 2024 (Thru 9/30) | 7.2  | 6.8                                      | 6.9  | N/A                       | N/A                                    | ≤5            | 458                      | 150,543             | N/A                     |
| 2023             | 7.4  | 6.9                                      | 7.8  | N/A                       | N/A                                    | ≤5            | 427                      | 139,163             | 0.0                     |
| 2022 (Since 4/1) | -4.4                                       | -4.8                                     | -4.8   | N/A                       | N/A                                    | ≤5            | 398                      | 128,584             | N/A                     |

1. 90% JP Morgan CEMBI Broad Diversified IG Index / 10% JP Morgan CEMBI Broad Diversified BB Index

The Emerging Markets Low Tracking Error High Grade Corporate Debt Composite includes all discretionary emerging markets low tracking error high grade corporate debt accounts managed with similar objectives for a full month, including those accounts no longer with the firm. Accounts in the composite seek to achieve income and total return by investing primarily in Corporate debt securities from emerging markets offering relatively attractive current market yields after adjusting for pertinent risks. A total return blended EMD investment strategy positioned to outperform 90% CEMBI BD High Grade and 10% CEMBI BD BB universe. The Emerging Markets Low Tracking Error High Grade Corporate Debt Composite used to be named the Emerging Markets Debt Corporate Composite. Gross-of-fees composite performance reflects reinvestment of income and dividends and is a market-weighted average of the time-weighted return, before advisory fees, of each account for the period since inception. Net-of-fees composite performance is derived by reducing the monthly gross-of-fees composite returns by .0417%, our highest monthly fee. Policies for valuing investments, calculating performance, and preparing GIPS reports are available upon request. GIPS® is a registered trademark of CFA Institute. CFA Institute does not endorse or promote this organization, nor does it warrant the accuracy or quality of the content contained herein. Performance is expressed in U.S. Dollars. The composite creation and inception date is 4/1/22. All portfolios in the composite are fee-paying portfolios. There can be no assurance that the rate of return for any account within a composite will be the same as that of the composite presented. **Past performance is not indicative of future results.**

MacKay Shields LLC, an SEC-registered investment adviser, claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. The firm has been independently verified from January 1, 1988 through December 31, 2023. The verification report is available upon request. A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm's policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. Verification does not provide assurance on the accuracy of any specific performance report. A list including composite descriptions, pooled fund descriptions for limited distribution pooled funds, and broad distribution funds is available upon request. Indices do not incur management fees, transaction costs or other operating expenses. Investments cannot be made directly into an index. The 90% J.P Morgan Corporate EMBI Broad Diversified High Grade Index / 10% J.P. Morgan Corporate EMBI Broad Diversified Credit BB Index is referred to for comparative purposes only and is not intended to parallel the risk or investment style of the portfolios in the MacKay Shields Composite. The blended index is rebalanced monthly. Internal dispersion is calculated using the equal-weighted standard deviation of annual gross returns of those portfolios that were included in the composite for the entire year. The three-year annualized standard deviation measures the variability of the composite gross returns and the index returns over the preceding 36-month period. The three-year annualized standard deviation will not be available until March 31, 2025.

# EMERGING MARKET LOW TRACKING ERROR INVESTMENT GRADE CORPORATE DEBT

## Disclosures

### SOURCE INFORMATION

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Comparisons to a financial index are provided for illustrative purposes only. Comparisons to an index are subject to limitations because portfolio holdings, volatility and other portfolio characteristics may differ materially from the index. Unlike an index, individual portfolios are actively managed and may also include derivatives. There is no guarantee that any of the securities in an index are contained in any managed portfolio. The performance of an index may assume reinvestment of dividends and income, or follow other index-specific methodologies and criteria, but does not reflect the impact of fees, applicable taxes or trading costs which, unlike an index, may reduce the returns of a managed portfolio. Investors cannot invest in an index. Because of these differences, the performance of an index should not be relied upon as an accurate measure of comparison.

### INDEX DEFINITIONS

**J.P. MORGAN CEMBI BROAD DIVERSIFIED INVESTMENT GRADE BLENDED YIELD INDEX** — The J.P. Morgan CEMBI Broad Diversified Investment Grade Index is a sub component of the J.P. Morgan CEMBI Div Broad Composite Blended Yield Index, which covers the investment grade parts of this composite index.

**J.P. MORGAN CEMBI BROAD DIVERSIFIED BB INDEX** — The J.P. Morgan Corporate Emerging Market Bond Broad Diversified BB Index tracks the performance of U.S. dollar denominated sub-investment grade corporate emerging market bonds where the issuer is headquartered in either Asia ex Japan, Latam, Eastern Europe, or Middle East/Africa and is rated BB.

**Past performance is not indicative of future results.**