

## Morgan Stanley Investment Funds

## Short Maturity Euro Bond Fund

## (Accumulation Share Class)

## Investment Objective

To provide an attractive rate of relative return.

## Investment Approach

Seeks to provide an attractive rate of relative return, measured in Euro, through investment primarily in high-quality issues of Euro-denominated fixed income securities, whether issued by corporations, government or government-guaranteed issuers. The Fund will invest primarily, in order to reduce volatility, in individual securities with maturity dates having a maximum of five years.

## Investment Team

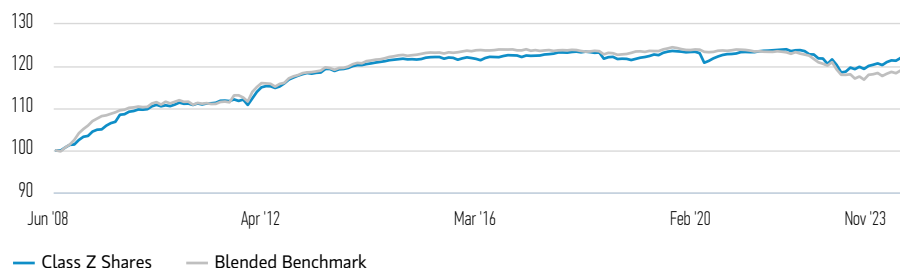
	JOINED FIRM	YEARS OF INDUSTRY EXPERIENCE
Leon Grenyer, Head of European Multi-Sector	2002	27
Richard Ford, Co-Head, Broad Markets Fixed Income	1991	32
Dipen Patel, Executive Director	2009	14
Anton Heese, Executive Director	2009	22

Team members may be subject to change at any time without notice.

## Class Z Shares (% net of fees) vs. Index in EUR

Performance of 100 EUR Invested Since Inception (Cash Value)

Past performance is not a reliable indicator of future results.



## Investment Performance (% net of fees) in EUR

	Cumulative (%)				Annualised (% p.a.)			
	1 M	3 M	YTD	1 YR	3 YR	5 YR	10 YR	INCEPTION
Class Z Shares	0.82	1.29	3.05	2.74	-0.11	0.24	0.22	1.34
Blended Benchmark	0.73	1.01	2.37	1.49	-1.11	-0.55	-0.08	1.18

## Calendar Year Returns (%)

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Class Z Shares	-3.65	0.36	0.00	1.35	-1.27	0.62	0.49	0.30	1.10	1.59
Blended Benchmark	-4.82	-0.70	0.02	0.28	-0.09	-0.34	0.38	0.68	1.68	1.83

All performance data is calculated NAV to NAV, net of fees, and does not take account of commissions and costs incurred on the issue and redemption of units. The sources for all performance and Index data is Morgan Stanley Investment Management.

The value of the investments and the income from them can go down as well as up and an investor may not get back the amount invested.

## BROAD MARKETS FIXED INCOME TEAM

## ★★★★ Morningstar Overall Rating\*

Out of 567 Funds. Based on Risk Adjusted Return. Class Z Shares: 3yr. rating 4 Stars; 5yr. rating 4 Stars; 10yr. rating 3 Stars.

## Share Class

	CLASS Z
Currency	Euro
ISIN	LU0360478795
Bloomberg	MORSHMZ LX
Inception date	11 June 2008
Net asset value	€ 30.74

## Fund Facts

Launch date	01 August 1994
Base currency	Euro
Primary benchmark	Bloomberg Euro-Aggregate: Treasury 1-3 Years Index
Custom benchmark	Blended Benchmark
Total net assets	€ 2.3 billion
Structure	Luxembourg SICAV
SFDR Classification <sup>†</sup>	Article 8

## Charges (%)

	CLASS Z
Max Entry Charge	1.00
Ongoing Charges	0.28
Management Fee	0.45

The ongoing charges figure incorporates a fee reduction by way of a waiver of 0.28% until 31/12/23. This fee reduction will expire 01/01/24.

Entry Charge is a maximum possible figure. In some cases you might pay less, you can find this out from your financial adviser. Ongoing Charges reflect the payments and expenses incurred during the fund's operation and are deducted from the assets of the fund over the period. It includes fees paid for investment management (Management Fee), trustee/custodian, and administration charges. For more information please see the Charges and Expenses section of the prospectus.

## Subscriptions (USD)

	CLASS Z
Minimum initial investment	0
Minimum subsequent investment	0

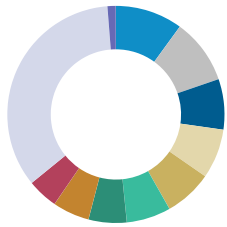
## Statistics (3 Year Annualised)

	CLASS Z	INDEX
Excess Return (%)	1.00	--
Alpha (%)	0.80	--
Beta	0.90	1.00
Information ratio	1.05	--
R squared	0.73	1.00
Sharpe ratio	-0.52	-1.12
Tracking error (%)	0.96	--
Volatility (Standard deviation) (%)	1.82	1.74

Risk/Return statistics shown are calculated versus the Blended Benchmark when an Index is used in the calculation.

## Characteristics

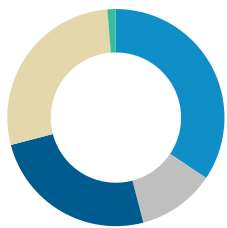
	FUND	INDEX
Duration (years)	1.76	1.92
Average yield to maturity (%)	3.85	3.05
Number of holdings	317	96

Top Countries (% of Total Net Assets)<sup>1</sup>

	FUND
Supranational	10.02
Spain	9.72
Germany	7.52
Canada	7.39
Italy	7.14
France	6.61
United Kingdom	5.68
U.S.	5.49
South Korea	4.57
Other	34.63
Cash	1.24

Sector Allocation (% of Total Net Assets)<sup>1,2</sup>

	PORTFOLIO
Treasuries	15.86
Government Related	29.77
Corporates	34.94
Industrial	11.47
Utility	2.51
Financial Institutions	20.97
Securitized	18.31
Cash & Equivalents	1.12

Quality Distribution (% of Total Net Assets)<sup>1,3</sup>

	FUND
AAA	34.40
AA	11.53
A	25.02
BBB	27.72
BB	0.09
Cash	1.24

† This Fund is classified as an Article 8 product under the Sustainable Finance Disclosure Regulation. Article 8 products are those which promote environmental or social characteristics and which integrate sustainability into the investment process in a binding manner.

<sup>1</sup> May not sum to 100% due to the exclusion of other assets and liabilities.

<sup>2</sup> For additional information regarding sector classification/definitions please visit

[www.msci.com/gics](http://www.msci.com/gics) and the glossary at [www.morganstanley.com/im](http://www.morganstanley.com/im).

<sup>3</sup> Quality distribution data for securities is sourced from Fitch, Moody's and S&P. Where the credit ratings for individual securities differ between the three ratings agencies, the 'highest' rating is applied. The rating of credit default swaps is based on the 'highest' rating of the underlying reference bond. 'Cash' includes investments in short term instruments, including investments in Morgan Stanley liquidity funds.

Please refer to the Prospectus for full risk disclosures, available at [www.morganstanleyinvestmentfunds.com](http://www.morganstanleyinvestmentfunds.com). All data as of 30.11.2023 and subject to change daily.

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Information in relation to sustainability aspects of the Fund and the summary of investor rights is available at the aforementioned website.

If the management company of the relevant Fund decides to terminate its arrangement for marketing that Fund in any EEA country where it is registered for sale, it will do so in accordance with the relevant UCITS rules.

## DEFINITIONS

**Alpha** (Jensen's) is a risk-adjusted performance measure that represents the average return on a portfolio or investment above or below that predicted by the capital asset pricing model (CAPM) given the portfolio's or investment's beta and the average market return. Prior to 6/30/2018 Alpha was calculated as the excess return of the fund versus benchmark. **Average yield to maturity** measures the annual return on interest-bearing securities. In this it is assumed that they will be held to maturity. This metric includes both the coupon payments received during the term of the security and the repayment of the capital on maturity. **Beta** is a measure of the relative volatility of a fund to the market's upward or downward movements. A beta greater than 1.0 identifies an issue or fund that will move more than the market, while a beta less than 1.0 identifies an issue or fund that will move less than the market. The Beta of the Market is always equal to 1. **Bloomberg** stands for 'Bloomberg Global Identifier (BBGID)'. This is a unique 12 digit alphanumeric code designed to enable the identification of securities, such as the Morgan Stanley Investment Funds sub-funds at share class level, on a Bloomberg Terminal. The Bloomberg Terminal, a system provided by Bloomberg L.P., enables analysts to access and analyse real-time financial market data. Each Bloomberg code starts with the same BBG prefix, followed by nine further characters that we list here in this guide for each share class of each fund. **Cash & Equivalents** are defined as the value of assets that can be converted into cash immediately. These include commercial paper, open FX transactions, Treasury bills and other short-term instruments. Such instruments are considered cash equivalents because they are deemed liquid and not subject to significant risk of changes in values. **Duration** is a measure of the sensitivity of the price (the value of principal) of a fixed-income investment to a change in interest rates. Duration is expressed as a number of years. Rising interest

## Share Class Z Risk and Reward Profile

The risk and reward category shown is based on historic data.

- Historic figures are only a guide and may not be a reliable indicator of what may happen in the future.
- As such this category may change in the future.
- The higher the category, the greater the potential reward, but also the greater the risk of losing the investment. Category 1 does not indicate a risk free investment.
- The fund is in this category because it invests in fixed income securities and the fund's simulated and/or realised return has experienced low rises and falls historically.
- The fund may be impacted by movements in the exchange rates between the fund's currency and the currencies of the fund's investments.

This rating does not take into account other risk factors which should be considered before investing, these include:

- The value of bonds are likely to decrease if interest rates rise and vice versa.
- The value of financial derivative instruments are highly sensitive and may result in losses in excess of the amount invested by the Sub-Fund.
- Issuers may not be able to repay their debts, if this happens the value of your investment will decrease. This risk is higher where the fund invests in a bond with a lower credit rating.
- The fund relies on other parties to fulfill certain services, investments or transactions. If these parties become insolvent, it may expose the fund to financial loss.
- Sustainability factors can pose risks to investments, for example: impact asset values, increased operational costs.
- There may be an insufficient number of buyers or sellers which may affect the funds ability to buy or sell securities.
- Past performance is not a reliable indicator of future results. Returns may increase or decrease as a result of currency fluctuations. The value of investments and the income from them can go down as well as up and investors may lose all or a substantial portion of his or her investment.
- The value of the investments and the income from them will vary and there can be no assurance that the Fund will achieve its investment objectives.
- Investments may be in a variety of currencies and therefore changes in rates of exchange between currencies may cause the value of investments to decrease or increase. Furthermore, the value of investments may be adversely affected by fluctuations in exchange rates between the investor's reference currency and the base currency of the investments.

rates mean falling bond prices, while declining interest rates mean rising bond prices. **Excess Return** or value added (positive or negative) is the portfolio's return relative to the return of the benchmark. **Information ratio** is the portfolio's alpha or excess return per unit of risk, as measured by tracking error, versus the portfolio's benchmark. **ISIN** is the international securities identification number (ISIN), a 12 digit code consisting of numbers and letters that distinctly identifies securities. **NAV** is the Net Asset Value per share of the Fund (NAV), which represents the value of the assets of a fund less its liabilities. **Number of holdings** provided are a typical range, not a maximum number. The portfolio may exceed this from time to time due to market conditions and outstanding trades. **R squared** measures how well an investment's returns correlate to an index. An R squared of 1.00 means the portfolio performance is 100% correlated to the index's, whereas a low r-squared means that the portfolio performance is less correlated to the index's. **Sharpe ratio** is a risk-adjusted measure calculated as the ratio of excess return to standard deviation. The Sharpe ratio determines reward per unit of risk. The higher the Sharpe ratio, the better the historical risk-adjusted performance. **Tracking error** is the standard deviation of the difference between the returns of an investment and its benchmark. **Volatility (Standard deviation)** measures how widely individual performance returns, within a performance series, are dispersed from the average or mean value.

## INDEX INFORMATION

The **Blended Index** performance shown is calculated using the **MSCI EMU Sovereign Debt 1-3 Yrs Index** from inception through 30 April 2007 and the **Bloomberg Euro-Aggregate Treasury 1-3 Yrs Index** thereafter.

The **Bloomberg Euro Aggregate Treasury 1-3 Years Index** is a benchmark that measures the 1-3 year maturity Treasury euro-denominated issues. Inclusion is based on currency denomination of a bond and not country of risk of the issuer.

**MSCI EMU Sovereign Debt 1-3 Yrs Index** is a benchmark for sovereign fixed rate debt denominated in the euro, or the various Economic and Monetary Union (EMU) currencies, are rated investment grade and have a maturity of 1-3 years.

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The use of leverage increases risks, such that a relatively small movement in the value of an investment may result in a disproportionately large movement, unfavourable as well as favourable, in the value of that investment and, in turn, the value of the Fund.

Investment in the Fund concerns the acquisition of units or shares in a fund, and not in a given underlying asset such as building or shares of a company, as these are only the

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**\*MORNINGSTAR**

Ratings as of 30.11.2023. The Morningstar Rating™ for funds, or "star rating", is calculated for

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The **Europe/Asia and South Africa category (EAA)** includes funds domiciled in European markets, major cross-border Asian markets where material numbers of European UCITS funds are available (principally Hong Kong, Singapore and Taiwan), South Africa, and selected other Asian and African markets where Morningstar believes it is of benefit to investors for the funds to be included in the EAA classification system.

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