VEADS OF INDUSTRY

# Morgan Stanley Investment Funds

# Global Bond Fund

(Accumulation Share Class)

### **Investment Objective**

To generate income and the long term growth of your investment.

### **Investment Approach**

Seeks to provide an attractive rate of return, measured in U.S. dollars, through market, instrument and currency selection. The Fund consists of domestic, international and euromarket fixed income securities of varying maturities denominated in U.S. dollars and other currencies, including emerging markets.

Investment Team	JOINED FIRM	EXPERIENCE
Christian G. Roth, Managing Director	1991	36
Michael B. Kushma, Chief Investment Officer, Broad Markets	1987	36
Richard Ford, Managing Director	1991	32
Utkarsh Sharma, Executive Director	2014	13
Leon Grenyer, Managing Director	2002	27

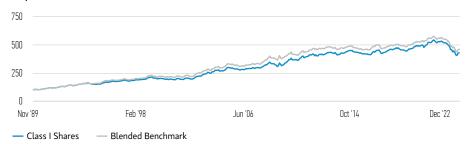
Team members may be subject to change at any time without notice.

Effective 1 November 2022, Leon Grenyer was added as a Portfolio Manager for this Fund. Effective 31 October 2022, Jim Caron no longer serves as Portfolio Manager.

# Class I Shares (% net of fees) vs. Index in USD

Performance of 100 USD Invested Since Inception (Cash Value)

## Past performance is not a reliable indicator of future results.



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

	_	Cumulative (%)			Annualised (% p.a.)					
		1 M	3 M	YTD	1 YR	3 YR	5 YR	10 YR	INCE	PTION
Class I Shares	(	0.82	5.10 -	16.73	-16.73	-4.43	-1.55	-0.10		4.49
Blended Benchmark	(	0.54	4.55 -	16.25	-16.25	-4.48	-1.66	-0.44		4.70
Calendar Year Returns (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Class I Shares	-16.73	-5.10	10.48	8.79	-2.63	9.57	2.37	-4.52	2.05	-2.01
Blended Benchmark	-16.25	-4.71	9.20	6.84	-1.20	7.39	2.09	-3.15	0.59	-2.60

This fund received a compensation payment in connection with Prudential Equity Group's settlement with the U.S. SEC relating to market timing charges. Consequently, the net cash injection received in March 2010 and the related withholding tax, accrued in September 2010 and received in August 2011, have increased the fund's AUM by USD 1,517,320 and USD 650,280, respectively.

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

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.

### **MULTI-SECTOR TEAM**

# ★ 🖈 ★ Morningstar Overall Rating\*

Out of 890 Funds. Based on Risk Adjusted Return. Class I Shares: 3yr. rating 3 Stars; 5yr. rating 4 Stars; 10yr. rating 5 Stars.

Snare Class	CLASS I
Currency	U.S. dollars
ISIN	LU0011983433
Bloomberg	MORIGLB LX
Inception date	01 November 1989
Net asset value	\$ 42.90
Fund Facts	_

Launch date	01 November 1989
Base currency	U.S. dollars
Primary benchmark	Bloomberg Global Aggregate Index
Custom benchmark	Blended Benchmark
Total net assets	\$ 931.55 million
Structure	Luxembourg SICAV
SFDR Classification <sup>†</sup>	Article 8

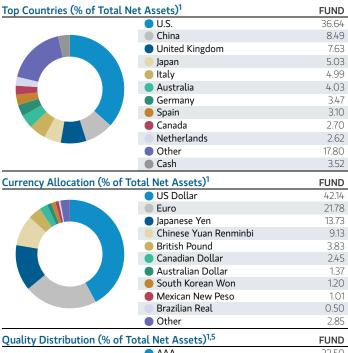
Charges (%)	CLASS I
Max Entry Charge	3.00
Ongoing Charges	0.64
Management Fee	0.45

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 I
Minimum initial investment		0
Minimum subsequent Investment		0
Statistics (3 Year Annualised)	CLASS I	INDEX
Excess Return (%)	0.06	
Alpha (%)	0.46	
Beta	1.08	1.00
Information ratio	0.03	
R squared	0.95	1.00
Sharpe ratio	-0.62	-0.69
Tracking error (%)	1.85	
Volatility (Standard deviation) (%)	8.26	7.48

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

Characteristics	FUND	INDEX
Duration (years)	6.64	6.69
Average yield to maturity (%)	4.76	3.73
Number of holdings	421	28,799



Quality Distribution (% of To	tal Net Assets) <sup>1,5</sup>	FUND
	AAA	22.50
	AA	9.85
	<ul><li>A</li></ul>	21.85
	BBB	24.90
	BB	5.90
	<ul><li>B</li></ul>	2.05
	<ul><li>CCC</li></ul>	0.10
	● CC	0.06
	Not Rated	9.27
	Cash	3.52

Top Holdings (% of Total Net Assets)	FUND
Italy (Republic of), 0.650000%, 2027-10-28	3.31
Umbs, 5.000000%, 2052-07-25	1.90
Japan (Government of), 0.400000%, 2041-06-20	1.89
Canadian Government Bond, 1.500000%, 2031-12-01	1.82
Australia Government, 1.250000%, 2032-05-21	1.80
United States Treasury, 2.750000%, 2047-08-15	1.63
China (Peoples Republic of), 3.270000%, 2030-11-19	1.52
Umbs, 2.500000%, 2050-07-25	1.36
China Government Bond, 2.690000%, 2032-08-15	1.26
Japan (Government of), 0.400000%, 2049-09-20	1.12
Total	17.61

 $^\dagger$  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> 'Securitized' includes agency and non-agency RMBS and CMBS.

 $^{3}\text{Credit}$  Default Swap - In addition to the market values noted for Investment Grade Credit, High Yield Credit and CMBS, there may be additional notional long or short exposure to credit default swaps in these markets.

For additional information regarding sector classification/definitions please visit

ci.com/gics and the glossary at www.morganstanley.com/in

<sup>5</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.

www.morganstanleyinvestmentfunds.com. All data as of 31.12.2022 and subject to change daily. Please refer to the Prospectus for full risk disclosures, available at

Sector Allocation (% of Total Net Assets) <sup>1,2,3,4</sup>	PORTFOLIO
Credit	32.35
Investment Grade Corporates	23.28
High Yield Corporates	6.40
Convertibles	1.08
ETFs	0.99
Securitized	22.63
Agency RMBS	8.19
Non-Agency RMBS	6.63
ABS	3.32
CMBS	4.50
Government	41.50
Treasuries	30.07
Sovereign	1.56
Government Related	9.87
Cash & Equivalents	3.52

## Share Class I Risk and Reward Profile

Lower Risk **Higher Risk** 

### Potentially Lower Rewards

Potentially Higher Rewards

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 medium 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
- 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.
- Investment in Fixed Income Securities via the China Interbank Bond Market may also entail additional risks, such as counterparty and liquidity risk.
- There are increased risks of investing in emerging markets as political, legal and operational systems may be less developed than in developed markets.
- 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.

Applications for shares in the Fund should not be made without first consulting the current Prospectus and the Key Information Document ("KID") or Key Investor Information Document ("KID"), which are available in English and in the official language of your local jurisdiction at morganstanleyinvestmentfunds.com or free of charge from the Registered Office of Morgan Stanley Investment Funds, European Bank and Business Centre, 6B route de Trèves, L-2633 Senningerberg, R.C.S. Luxemburg B 29 192.

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 alphanumerical code designed to enable the identification of securities, such as the Morgan Stanley Investment Funds subfunds 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.  ${\bf Cash~\&}$ **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 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 **JPM Global Traded Unhedged Index** from inception through 31 March 2004, the **FTSE WGBI Index** to 31 January 2010 and the **Bloomberg Global Aggregate Bond Index** thereafter.

The **Bloomberg Global Aggregate Index**: provides a broad-based measure of the global investment grade fixed-rate debt markets. Total Returns shown is unhedged USD. The index is unmanaged and does not include any expenses, fees or sales charges. It is not possible to invest directly in an index.

The JPM Global Traded Unhedged Index: provides a broad-based measure of the global investment grade fixed-rate debt markets. Total Returns shown is unhedged USD. The index is unmanaged and does not include any expenses, fees or sales charges. It is not possible to invest directly in an index.

The **FTSE WGBI Index**: measures the performance of fixed-rate, local currency, and investment grade sovereign bonds. The WGBI provides a broad benchmark for the global sovereign fixed income market.

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