## Man Gonvertibles Europe

## MONTHLY SUMMARY REPORT: 31 JANUARY 2023

## FUND DESCRIPTION

The Fund offers investors access to a long-only portfolio of European convertible bonds, actively managed by a dedicated and specialist investment team. The product draws on Man's vast experience in the convertible bond area and provides diversified access to the European convertible bond universe through a single product structure. In order to achieve this objective, at least two-thirds of the assets shall be invested in bonds, notes, transferable securities, convertible bonds and convertible preference shares. The Fund is actively managed and does not intend to track the Refinitiv Global Convertible Europe Bond Index and is not constrained by it. The Benchmark is being used by the Fund for risk management purposes to ensure that the Fund is managed in a manner consistent with its investment objective and risk profile.

## A complete description of fund aims is set out in the fund's prospectus.

## FUND RISKS

The value of your investment and the income from it may rise as well as fall and you may not get back the amount originally invested. Prior to investing in the Fund investors should carefully consider the risks associated with investing, whether the Fund suits their investment requirements and whether they have sufficient resources to bear any losses which may result from an investment in the Fund. Investors should only invest if they understand the terms on which the Fund is offered. Investors should consider the following risks and where appropriate seek professional advice before investing: Investment Objective Risk, Market Risk, Counterparty Risk, Currency Risk, Liquidity Risk, Financial Derivatives Instruments, Leverage Risk, Emerging Markets, Non-Investment Grade Securities, Single Region/Country Risk. More details can be found in the risk glossary. Prior to making investments investors should read and consider the fund's offering documents.

## DISCRETE PERFORMANCE

31 Jan 18 - 31 Jan 19 - 31 Jan 20-31 Jan 21 - 31 Jan $22-$ 31 Jan 19 31 Jan 20 31 Jan 21 31 Jan 22 31 Jan 23

|  | 31 Jan 19 | 31 Jan 20 | 31 Jan 21 | 31 Jan 22 | 31 Jan 23 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Reporting Class | $-8.75 \%$ | $2.11 \%$ | $5.60 \%$ | $-2.97 \%$ | $-7.47 \%$ |
| Benchmark | $-5.00 \%$ | $6.48 \%$ | $4.87 \%$ | $-3.45 \%$ | $-8.09 \%$ |

PERFORMANCE CHART (SINCE INCEPTION)


Source: Man Group plc (31 January 2023)
Benchmark represented by: Merrill Lynch Convertible Europe EUR TR --> Refinitiv Convertible Europe Hedged to EUR from 01.01.2013

| PERFORMANCE RETURNS | Reporting <br> Shareclass | Benchmark | Relative |
| :--- | ---: | ---: | ---: |
| 1 Month | $3.39 \%$ | $4.48 \%$ | $-1.08 \%$ |
| 3 Months | $5.04 \%$ | $6.92 \%$ | $-1.88 \%$ |
| 6 Months | $-0.23 \%$ | $2.82 \%$ | $-3.05 \%$ |
| YTD | $3.39 \%$ | $4.48 \%$ | $-1.08 \%$ |
| 1 Year | $-7.47 \%$ | $-8.09 \%$ | $0.62 \%$ |
| 3 Years | $-5.19 \%$ | $-6.93 \%$ | $1.74 \%$ |
| 5 Years | $-11.67 \%$ | $-5.86 \%$ | $-5.80 \%$ |
| Since Inception | $61.60 \%$ | $92.53 \%$ | $-30.93 \%$ |

REPORTING CLASS: Man Convertibles Europe D EUR Acc
SYNTHETIC RISK \& REWARD INDICATOR (SRRI)
LLower Risk
Typically Lower Rewards $\begin{gathered}\text { Higher Risk }\end{gathered}$

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

See Glossary for an explanation of the SRRI Calculation
FUND DETAILS

| Inception Date ${ }^{1}$ | 24 November 2000 |
| :--- | :--- |
| Fund Size | EUR 12,389,506 |
| Portfolio Manager(s) | Danilo Rippa |
| Structure | UCITS |
| Domicile | Luxembourg |
| Benchmark (BM) ${ }^{\dagger}$ | Merrill Lynch Convertible Europe EUR TR <br> $-->$ Refinitiv Convertible Europe Hedged <br> to EUR from 01.01.2013 |
| Valuation Frequency | Daily |
| Dealing Frequency | Daily |
| Subscriptions | Before 12:00 (Luxembourg) on dealing <br> date |
| Redemptions | Before 12:00 (Luxembourg) on dealing <br> date |
| Investment Type | Accumulating |
| Ongoing Charge Figure (OCF) | ¹ |

${ }^{1}$ Refers to the reporting share class only. Other classes may differ.

| PERFORMANCE STATISTICS | (SINCE INCEPTION) <br> Reporting <br> Shareclass | Benchmark | Relative |
| :--- | ---: | ---: | ---: |
| Annualised Return | $2.19 \%$ | $2.99 \%$ | $-0.81 \%$ |
| Annualised Volatility | $8.33 \%$ | $7.61 \%$ | $0.73 \%$ |
| Correlation | 0.92 | $\mathrm{~N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| Beta | 1.01 | $\mathrm{~N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| Information Ratio | -0.25 | $\mathrm{~N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| Tracking Error | $3.22 \%$ | $\mathrm{~N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |

Past Performance is not indicative of future performance. Returns may increase or decrease as a result of currency fluctuations. Performance data is shown net of the reporting class Ongoing Charge Figure (or TER), performance fees and transaction costs and gross of taxes with gross dividend income reinvested, and does not take into account sales and redemption charges where such costs are applicable. Other share classes may charge different fees. This is a marketing communication.

MONTHLY SUMMARY REPORT: 31 JANUARY 2023
REPORTING CLASS: Man Convertibles Europe D EUR Acc

## EXPOSURE AND RISK ANALYSIS

| PORTFOLIO STATISTICS |  |  |  |
| :--- | ---: | ---: | ---: |
| Securities | $97.26 \%$ | Average Rating | BBB |
| Cash | $2.74 \%$ | Average Life to Optimal | 2.43 |
| Number of Positions | 63 | Yield to Optimal | $2.10 \%$ |
| Equity Sensitivity | $33.20 \%$ | Current Yield | $0.44 \%$ |
| Effective Duration | 1.46 |  |  |


| SECTOR ALLOCATION |  |  |
| :---: | :---: | :---: |
| - | - Consumer Discretionary | 20.65\% |
| - | - Communication Services | 18.41\% |
|  | - Information Technology | 14.77\% |
| 1 | - Industrials | 13.00\% |
|  | Materials | 11.04\% |
|  | - Health Care | 6.22\% |
|  | Consumer Staples | 5.35\% |
|  | - Real Estate | 3.07\% |
|  | - Financials | 2.62\% |
|  | Utilities | 1.16\% |
|  | Energy | 0.98\% |


| TOP 10 POSITIONS^ |  |
| :--- | ---: |
| Security Name | Market Value |
| AMERICA MOVIL BV 0\% 02-Mar-2024 | $6.73 \%$ |
| CELLNEX TELECOM SA CLNX 0.5\% 05-Jul-2028 | $4.41 \%$ |
| STMICROELECTRONICS NV B 0\% 04-Aug-2027 | $3.57 \%$ |
| DELIVERY HERO AG 0.25\% 23-Jan-2024 | $3.06 \%$ |
| SIKA AG 0.15\% 05-Jun-2025 | $2.92 \%$ |
| CIE GENERALE DES ESTABLI MLFP 0\% 10-Nov-2023 | $2.85 \%$ |
| AMERICA MOVIL SAB DE CV 1.5\% 10-Mar-2024 | $2.39 \%$ |
| DEUTSCHE POST AG DPW 0.05\% 30-Jun-2025 | $2.33 \%$ |
| RAG-STIFTUNG EVK 0\% 17-Jun-2026 | $2.32 \%$ |
| DELIVERY HERO AG 1\% 23-Jan-2027 | $2.13 \%$ |


| COUNTRY ALLOCATION |  |  |
| :---: | :---: | :---: |
|  | - Germany | 24.18\% |
| , | France | 19.90\% |
|  | - Netherlands | 12.92\% |
| $\checkmark$ | - Switzerland | 11.42\% |
|  | - Spain | 8.75\% |
|  | United Kingdom | 7.59\% |
|  | Italy | 5.59\% |
|  | - Mexico | 2.39\% |
|  | - Austria | 2.03\% |
|  | Belgium | 1.47\% |
|  | - Rest of the World | 3.76\% |



HISTORICAL PERFORMANCE

|  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2000 | - | - | - | - | - | - | - | - | - | - | $-0.75 \%$ | $-1.19 \%$ | $-1.93 \%$ |
| 2001 | $3.13 \%$ | $-2.71 \%$ | $-0.85 \%$ | $0.57 \%$ | $0.75 \%$ | $-1.59 \%$ | $-1.81 \%$ | $-0.68 \%$ | $-4.30 \%$ | $4.13 \%$ | $2.98 \%$ | $1.23 \%$ | $0.51 \%$ |
| 2002 | $1.43 \%$ | $-0.08 \%$ | $1.01 \%$ | $0.72 \%$ | $-0.89 \%$ | $-1.51 \%$ | $0.37 \%$ | $0.18 \%$ | $-1.01 \%$ | $0.50 \%$ | $1.87 \%$ | $-1.10 \%$ | $1.45 \%$ |
| 2003 | $0.73 \%$ | $-0.82 \%$ | $-0.23 \%$ | $3.09 \%$ | $2.74 \%$ | $1.55 \%$ | $0.56 \%$ | $1.16 \%$ | $0.32 \%$ | $2.71 \%$ | $1.08 \%$ | $0.29 \%$ | $13.92 \%$ |
| 2004 | $3.03 \%$ | $0.72 \%$ | $-0.11 \%$ | $-1.23 \%$ | $-1.48 \%$ | $-0.90 \%$ | $-1.15 \%$ | $0.81 \%$ | $-0.45 \%$ | $-0.35 \%$ | $1.21 \%$ | $0.79 \%$ | $0.81 \%$ |
| 2005 | $-0.08 \%$ | $0.47 \%$ | $-0.36 \%$ | $-1.97 \%$ | $2.37 \%$ | $1.91 \%$ | $3.69 \%$ | $-0.04 \%$ | $3.19 \%$ | $-2.27 \%$ | $3.51 \%$ | $2.80 \%$ | $13.79 \%$ |
| 2006 | $4.12 \%$ | $2.38 \%$ | $0.90 \%$ | $1.21 \%$ | $-4.10 \%$ | $-0.55 \%$ | $1.50 \%$ | $1.42 \%$ | $0.69 \%$ | $2.42 \%$ | $0.94 \%$ | $2.74 \%$ | $14.32 \%$ |
| 2007 | $1.43 \%$ | $-0.17 \%$ | $0.77 \%$ | $1.94 \%$ | $1.06 \%$ | $-0.59 \%$ | $-0.76 \%$ | $-1.92 \%$ | $1.08 \%$ | $1.53 \%$ | $-3.51 \%$ | $-0.86 \%$ | $-0.15 \%$ |
| 2008 | $-5.91 \%$ | $0.78 \%$ | $-2.18 \%$ | $2.45 \%$ | $1.07 \%$ | $-6.21 \%$ | $-1.50 \%$ | $0.54 \%$ | $-10.05 \%$ | $-15.95 \%$ | $1.57 \%$ | $3.03 \%$ | $-29.42 \%$ |
| 2009 | $3.52 \%$ | $-1.03 \%$ | $3.63 \%$ | $6.26 \%$ | $5.47 \%$ | $0.75 \%$ | $4.84 \%$ | $3.57 \%$ | $2.60 \%$ | $0.31 \%$ | $0.72 \%$ | $2.77 \%$ | $38.68 \%$ |
| 2010 | $-0.13 \%$ | $0.02 \%$ | $4.42 \%$ | $-1.08 \%$ | $-3.16 \%$ | $-0.75 \%$ | $1.37 \%$ | $0.01 \%$ | $1.95 \%$ | $2.27 \%$ | $-0.56 \%$ | $4.31 \%$ | $8.75 \%$ |
| 2011 | $-1.39 \%$ | $2.19 \%$ | $2.13 \%$ | $0.58 \%$ | $-1.54 \%$ | $-1.30 \%$ | $-2.64 \%$ | $-3.86 \%$ | $-4.90 \%$ | $3.66 \%$ | $-3.41 \%$ | $0.22 \%$ | $-10.14 \%$ |
| 2012 | $4.28 \%$ | $3.22 \%$ | $-0.82 \%$ | $-1.77 \%$ | $-2.31 \%$ | $1.22 \%$ | $2.39 \%$ | $1.37 \%$ | $0.33 \%$ | $0.06 \%$ | $1.30 \%$ | $1.75 \%$ | $11.38 \%$ |
| 2013 | $1.14 \%$ | $0.52 \%$ | $-0.37 \%$ | $-1.37 \%$ | $2.02 \%$ | $-2.27 \%$ | $1.54 \%$ | $0.65 \%$ | $2.33 \%$ | $2.51 \%$ | $0.67 \%$ | $1.36 \%$ | $8.96 \%$ |
| 2014 | $0.13 \%$ | $3.05 \%$ | $-0.60 \%$ | $0.11 \%$ | $1.55 \%$ | $-0.66 \%$ | $-2.26 \%$ | $-0.08 \%$ | $-1.06 \%$ | $-0.30 \%$ | $1.26 \%$ | $-0.31 \%$ | $0.72 \%$ |
| 2015 | $2.60 \%$ | $2.40 \%$ | $1.36 \%$ | $-0.98 \%$ | $1.48 \%$ | $-2.51 \%$ | $1.97 \%$ | $-3.09 \%$ | $-1.27 \%$ | $3.05 \%$ | $0.37 \%$ | $-2.12 \%$ | $3.03 \%$ |
| 2016 | $-5.37 \%$ | $-0.35 \%$ | $1.33 \%$ | $0.95 \%$ | $0.99 \%$ | $-2.17 \%$ | $3.23 \%$ | $-0.05 \%$ | $1.19 \%$ | $0.20 \%$ | $-0.38 \%$ | $2.80 \%$ | $2.11 \%$ |
| 2017 | $0.14 \%$ | $1.43 \%$ | $-0.20 \%$ | $1.89 \%$ | $-0.02 \%$ | $-1.76 \%$ | $0.30 \%$ | $-0.88 \%$ | $0.71 \%$ | $1.19 \%$ | $-1.08 \%$ | $-1.68 \%$ | $-0.03 \%$ |
| 2018 | $-0.26 \%$ | $-0.85 \%$ | $-1.84 \%$ | $1.16 \%$ | $-0.18 \%$ | $-1.15 \%$ | $-0.28 \%$ | $-0.40 \%$ | $-0.79 \%$ | $-2.69 \%$ | $-1.87 \%$ | $-2.27 \%$ | $-10.89 \%$ |
| 2019 | $2.14 \%$ | $0.16 \%$ | $1.14 \%$ | $1.85 \%$ | $-1.73 \%$ | $1.42 \%$ | $-0.22 \%$ | $-0.85 \%$ | $-0.08 \%$ | $-0.67 \%$ | $1.06 \%$ | $-0.28 \%$ | $3.92 \%$ |
| 2020 | $0.36 \%$ | $-1.26 \%$ | $-6.70 \%$ | $3.86 \%$ | $1.89 \%$ | $1.73 \%$ | $0.72 \%$ | $1.75 \%$ | $0.12 \%$ | $-1.25 \%$ | $3.47 \%$ | $1.51 \%$ | $5.91 \%$ |
| 2021 | $0.06 \%$ | $-0.61 \%$ | $0.90 \%$ | $1.21 \%$ | $0.53 \%$ | $0.20 \%$ | $0.40 \%$ | $0.18 \%$ | $-2.47 \%$ | $0.94 \%$ | $0.01 \%$ | $-0.81 \%$ | $0.49 \%$ |
| 2022 | $-3.38 \%$ | $-2.00 \%$ | $-0.29 \%$ | $-1.63 \%$ | $-2.35 \%$ | $-6.48 \%$ | $5.66 \%$ | $-1.51 \%$ | $-4.99 \%$ | $1.51 \%$ | $2.63 \%$ | $-1.01 \%$ | $-13.53 \%$ |
| 2023 | $3.39 \%$ | - | - | - | - | - | - | - | - | - | - | - | $3.39 \%$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| NAV TABLE |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | NAV | 2020 | 2021 | 2022 | ISIN | Minimum Initial | Minimum Additional | Entry Charge $\ddagger$ | Redemption Fee (Up to) | OCF | Performance Fee |
| D EUR Acc | 161.60 | 5.91\% | 0.49\% | -13.53\% | LU0114314536 | 1,000 | - | N/A | N/A | 2.29\% | N/A |
| D H CHF Acc | 119.99 | 5.50\% | 0.25\% | -13.86\% | LU0424369923 | 1,000 | - | N/A | N/A | 2.31\% | N/A |
| I EUR Acc | 117.53 | 6.74\% | 1.29\% | -12.85\% | LU0686794354 | 1,000,000 | - | N/A | N/A | 1.51\% | N/A |

Model calculation (net): an investor wishes to purchase shares for Euro 1,000. With a maximum issue surcharge of $5.00 \%$, he has to spend a one-off amount of Euro 50.00 when making the purchase. In addition, there may be custodian costs that reduce performance. The custodian costs are decided by your bank's price list and service charges.
\#Entry Charge is up to the rate indicated.
$\dagger$ Please refer to the Fund's prospectus for further details.
${ }^{\wedge}$ The organisations and/or financial instruments mentioned are for reference purposes only. The content of this material should not be construed as a recommendation for their purchase or sale.

GLOSSARY
Annualised Return
Annualised Volatility
An annualised total return is an average amount of money earned by an investment each year over a given time period. It is calculated to show what an investor would earn over a period of time if the annual return was compounded.
Annualised Volatility $\quad \begin{aligned} & \text { Volatility is the rate and extent at which the price of a portfolio, security or index, moves up and down. If the price swings up and down with large } \\ & \text { movements, it has high volatility. If the price moves more slowly and to a lesser extent, it has lower volatility. It is used as a measure of the riskingess }\end{aligned}$ movements, it has high volatility. If the price moves more slowly and to a lesser extent, it has lower volatility. It is used as a measure of the riskiness of an investment. Annualised volatility is an average annual amount of volatility over a given time period.
Beta A measure of how sensitive an investment portfolio is to market movements. The sign of the beta ( $+/$-) indicates whether, on average, the portfolio's returns move in line with ( + ), or in the opposite direction ( - ), to the market. The market has a beta of 1 . If the portfolio has a beta of less (more) than 1 , it means that the security is theoretically less (more) volatile than the market.

Correlation A measure of the interdependence or strength of the relationship between two investments. A correlation of 1 means that the two investments are perfectly synchronised, -1 implies that they move in symmetrically opposite directions and 0 means no relationship between them.

Credit Rating (quality) A score awarded by S\&P, Moody's or Fitch to indicate the financial strength of the issuer of a bond, and the potential for a default on interest and principal payments. For example, according to the S\&P rating scheme the top credit rating is ' AAA '. The lowest rating to be considered 'investment grade' is 'BBB-'. Below 'BBB-', bonds are termed 'sub investment grade' or 'high yield'. If more than one rating agency awards a score, the lowest score will be chosen. If no official score is awarded by S\&P, Moody's or Fitch the portfolio manager assigns an internal estimate.
Delta/Equity Sensitivity Delta is the ratio comparing the change in the price of the underlying asset to the corresponding change in the price of a derivative. For example, if an equity option has a delta value of 0.65 , this means that if the underlying stock increases in price by $£ 1$, the option will rise by $£ 0.65$, all else equal.
Distribution Yield $\quad \begin{aligned} & \text { The distribution yield reflects the amounts that may be expected to be distributed over the next twelve months as a percentage of the fund's net } \\ & \text { asset value per share as at the date shown, and may be estimated. It does not include any initial charge and investors may be subject to tax on }\end{aligned}$ distributions.

Duration Expressed in years and measures the sensitivity of a bond's price to a change in interest rates. There is an inverse relationship between bond prices and interest rates.

Entry Charge The entry charge shown is a maximum figure and in some cases you might pay less. Please refer to your financial advisor or the distributor for the actual charges.
Expected Life Bonds with embedded options may be exercised prior to maturity, therefore the term may be shorter than the maturity of the underlying bonds. The issuer / holder may choose to call or put the bond respectively during the market cycle as interest rates fluctuate. Issuers may wish to exercise callable bonds in order to lock in a lower rate of borrowing (reducing the cost of capital) or a holder of a puttable bond may exercise in order to invest in higher yielding issuance. Expected life takes account of bonds with embedded options and is the expected time before the embedded option is exercised.
Exposure This refers to the part of a portfolio that is subject to the price movements of a specific security, sector, market or economic variable. It is typically expressed as a percentage of the total portfolio, e.g. the portfolio has $10 \%$ exposure to the mining sector.

FX Forward An FX forward contract is an agreement to purchase or sell a set amount of a foreign currency at a specified price for settlement at a predetermined time in the future.

Gross Exposure Rescaled If the portfolio has a gross exposure of $120 \%$ we may in some circumstances rescale this to equal $100 \%$ for sector or country breakdowns. For example, if United States Gross exposure is $40 \%$ of the $120 \%$ in the fund, the rescaled gross exposure would be $(40 \% / 120 \%)^{*} 100 \%$ which would be $30 \%$ so the United States makes up $30 \%$ of the total gross exposure when rescaled.
$\begin{array}{ll}\text { Information Ratio } & \begin{array}{l}\text { A ratio of portfolio returns above the excess returns of a benchmark (usually an index) to the volatility of those returns. The ratio measures a portfolio } \\ \text { manager's ability to generate excess returns relative to a benchmark. Volatility is measured using tracking error. }\end{array} \\ \text { Life to Optimal } & \text { This is expected life of a bond taking embedded options into account, therefore showing the date at which the optimum yield would be achieved. }\end{array}$

Long Position
Maturity
NAV

Ongoing Charge Figure
(OCF)

Overweight/Underweight Refers to a fund's position in line with its chosen reference index. Overweight means a fund holds more of a certain security than the reference index and underweight means a fund holds less of a certain security compared to its reference index.
Performance Fee The payment made to an Investment Manager if certain performance levels are achieved (often over and above any levels set out in the investment objective) within a set time period. Please refer to the fund's prospectus for a complete description.

## Position Concentration

Redemption Fee
The proportion of a portfolio's net asset value represented by the largest (e.g. 5/10/20) positions.
This is the maximum amount by which your investment may be reduced prior to the proceeds being paid out.
Running Yield At security level, running yield is the annual income on an investment divided by its current market value. At fund level, it is a weighted average of the contributing securities, based on absolute weights.
Sector (i) A sector is an area of the economy in which businesses share the same or a related product or service. It can also be thought of as an industry or market that shares common operating characteristics. Dividing an economy into different pieces allows for more in-depth analysis of the economy as a whole.
Sector (ii) A peer group of funds which have a similar investment objective or invest in the same type of assets. These are organised by independent companies such as the Investment Management Association in the UK. The average performance of a sector is often used to compare with the performance of an individual fund in the sector.
Sharpe Ratio The Sharpe Ratio is a measure for calculating risk-adjusted return, and has become the industry standard for such calculations. The Sharpe Ratio is the average return earned in excess of the risk-free rate per unit of volatility or total risk. The higher the ratio the better, with a number greater than 1 usually considered good, a number greater than 2 considered very good and a ratio of 3 or higher considered excellent. As it is an absolute than 1 usually considered good, a number greater than 2 considered very good and a ratio of 3 or higher consid
measure of risk-adjusted return, negative Sharpe Ratios can be misleading and are therefore shown as N/A.

Short Position Fund managers use this technique to borrow a security and then sell it with the intention of buying it back for less when the price falls. The position profits if the security falls in value. Within UCITS funds, derivatives - such as contracts for difference (CFDs) - can be used to simulate a short position.
Synthetic Risk \& Reward Indicator (SRRI)

Featured on the Key Investor Information Document (KIID), the SRRI is a measure of the overall risk and reward profile of a fund. Funds are categorised on a scale from 1 to 7 where 1 is the lowest risk and 7 is the highest. Typically, the SRRI is derived from the volatility of past returns over a 5 -year period. Investors should be aware the indicator is based on historical data and may not be a reliable indication of the future risk profile of the Fund. The lowest category does not mean risk free.

Tracking Error
Yield to Maturity

Yield to Optimal

YTD

Tracking error is a measure of the divergence between a portfolio's returns and the benchmark or index against which it is managed.
Yield to maturity (YTM) is the total return anticipated on a bond if the bond is held until the end of its lifetime. Yield to maturity is considered a longterm bond yield expressed as an annual rate, coupons are assumed to be reinvested at the same rate. This takes into account the change in yield should the issuer have the desire and the ability to retire the debt prior to maturity.
Yield to optimal tries to capture the most likely outcome of the conversion feature of the convertible bond. Therefore, if the conversion value of the convertible bond is higher than the repay price the yield to optimal is represented by the current yield, otherwise it is treated as a bond like instrument and the yield to optimal is represented by the maximum of the yield to maturity or yield to put.

## RISK GLOSSARY

Investment Objective Risk - There is no guarantee that the Fund will achieve its investment objective.
Market Risk - The Fund is subject to normal market fluctuations and the risks associated with investing in international securities markets. Therefore, the value of your investment and the income from it may rise as well as fall and you may not get back the amount originally invested.
Counterparty Risk - The Fund will be exposed to credit risk on counterparties with which it trades in relation to on-exchange traded instruments such as futures and options and where applicable, 'over-the-counter' ("OTC","non-exchange") transactions. OTC instruments may also be less liquid and are not afforded the same protections that may apply to participants trading instruments on an organised exchange.
Currency Risk - The value of investments designated in another currency may rise and fall due to exchange rate fluctuations. Adverse movements in currency exchange rates may result in a decrease in return and a loss of capital. It may not be possible or practicable to successfully hedge against the currency risk exposure in all circumstances.
Liquidity Risk - The Fund may make investments or hold trading positions in markets that are volatile and which may become illiquid. Timely and cost efficient sale of trading positions can be impaired by decreased trading volume and/or increased price volatility.
Financial Derivatives Instruments - The Fund will invest financial derivative instruments ("FDI") (instruments whose prices are dependent on one or more underlying asset) to achieve its investment objective. The use of FDI involves additional risks such as high sensitivity to price movements of the asset on which it is based. The extensive use of FDI may significantly multiply the gains or losses.
Leverage Risk - The Fund's use of FDI may result in increased leverage which may lead to significant losses.
Emerging Markets - The Fund may invest a significant proportion of its assets in securities with exposure to emerging markets which involve additional risks relating to matters such as the illiquidity of securities and the potentially volatile nature of markets not typically associated with investing in other more established economies or markets.
Non-Investment Grade Securities - The Fund may invest a significant proportion of its assets in non-investment grade securities (such as "high yield" securities) are considered higher risk investments that may cause income and principal losses for the Fund. They are instruments which credit agencies have given a rating which indicates a higher risk of default. The market values for high yield bonds and other instruments tend to be volatile and they are less liquid than investment grade securities.
Single Region/Country Risk - The Fund is a specialist country-specific or geographic regional fund, the investment carries greater risk than a more internationally diversified portfolio.
A complete description of risks is set out in the Fund's prospectus.

## Important information

This material is of a promotional nature.
The Fund is a sub-fund of Man Umbrella SICAV, domiciled in Luxembourg and registered with the Commission de Surveillance du Secteur Financier. Full details of the Fund's objectives, investment policy and risks are located in the Prospectus which is with the Key Investor Information Document (KIID) and the Report and Accounts of the UCITS are accessible free of charge from the local information/paying agent, from authorised distributors and from www.man.com/documents. The KIID is available in English and in an official language of the jurisdictions in which the Fund is registered for public sale. The Prospectus, the Reports and Accounts of the UCITS can be obtained in English. In Switzerland, the Prospectus is also available in German.
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