

# **FUND FACTSHEET SWARM-ONE MARCH 2023**

## **FACTS**

**FUND MANAGER GFIC Limited** 

DOMICILE / STRUCTURE Limited Company, **England & Wales** 

INCEPTION DATE 18 June 2022

SIZE / NET ASSETS Not disclosed

SECTOR AND CATEGORY Algorithmic Fund

ESG / SFDR Not applicable

**BENCHMARKS** Not applicable

CURRENCY USD

**VALUATION POINT** 22:59 GMT Daily

**UNIT PRICE** \$966.43479102 (31 March 2023)

## SUBSCRIPTIONS AND FEES

**ELIGIBILITY** 

Qualified Investors, United Kingdom

MINIMUMS

USD \$10,000 (waived by discretion)

**ENTRY / EXIT** 

Monthly, with timing and gating

**FEES** 

0% on entry, 0% at exit, %0 holding, 25% of profits above high water, deducted monthly

## **RISKS**

LOWER RISK

HIGHER RISK















Past performance is not a guide to future performance. The value of an investment can go down as well as up and may return the full amount invested. For more, refer to the Risk Disclosure and Offer Documents.

#### **OBJECTIVE**

The fund targets an average 3% (compounding) growth per trading day within a range of 1% to 5%, aiming to maximise capital utilisation while controlling risk, including transaction correlation, capital loading, and negative equity (up to 10% preferably, 15% nominally, 25% occasionally, and 65% with black swans), with no anomalies, incidents nor interventions, and an operation that is 100% computational, correct and continuous. There are at least 240 trading days in a year.

These are considered realistic targets given the fund's past performance, the nature of the technology, and the achievements of comparable systems: however, there are no guarantees about future performance and there are considerable risks involved.

## **STRATEGY**

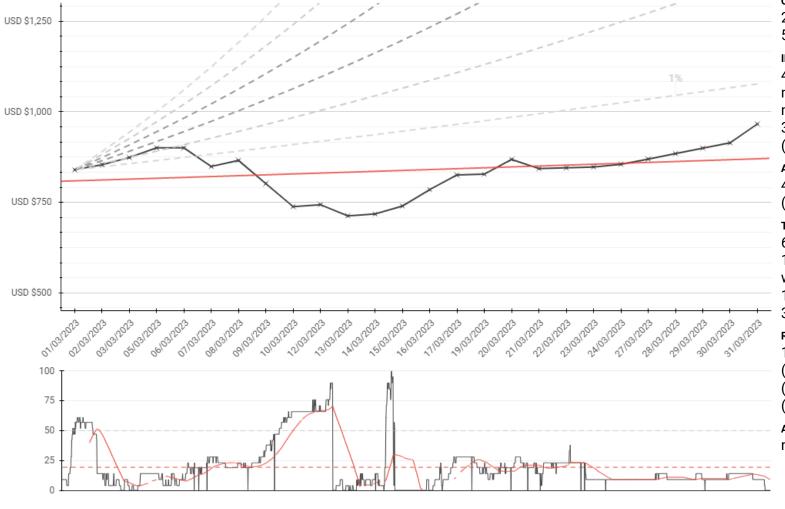
The fund employs a suite of algorithms using a swarming and flocking technique to operate independently yet cooperatively and generate yield in highly liquid contract-for-difference and currency markets on a continuous 24/5 basis (subject to market availability) with adaptive correlation and risk management features, real-time management, monitoring and alerting, plus the use of back stops, safety valves, and circuit breakers.

The algorithms, typically twenty to thirty at any time, are continuously added, adjusted, applied, released, and removed in both their individual and cooperative execution. They enact a large volume of small transactions which are typically held open for less than a day, and rarely beyond a week, which exploit a variety of price movements over different time frames.

## **MARCH 2023**

Regrettably we had a difficult month due to a combination of technology, algorithm and market factors leading to a decision to short circuit and pare back risk at the expense of equity, leaving us with an absolute gain of only 15.05% for the month. We're confident we have the controls in place to mitigate this scenario in future.

#### **MARCH 2023**



#### **OPERATING CONDITIONS**

26 trading days (0.61% gain per day), 552 hours (0.03% gain per hour)

#### INSTRUMENTS AND GAIN CONTRIBUTION

4 markets: forex majors (41.11%), minors (56.22%), exotics (0.00%), metals (2.68%)

metals (2.68%)

35 assets: 3 (> 20%), 2 (20% - 10%), 18

(10% - 0%), 12 (< 0%)

## **ALGORITHMS AND GAIN CONTRIBUTION**

43 active: 1 (> 20%), 3 (20% - 10%), 24 (10% - 0%), 13 (< 0%)

## TRANSACTIONS AND GAIN CONTRIBUTION

6,328 total, daily 44 - 623 ( $\bar{x}$  245  $\sigma$  191); 113,205 hours, each 0 - 674 ( $\bar{x}$  18  $\sigma$  68) with 2,398 @ < 1 hr (38%), 2,461 @ 1 - 12 hr (39%), 1,150 @ 12 - 72 hr (18%), 319 @ > 72 hr (5%)

## RISK METRIC REAL-TIME EVALUATION

100 max, 0 min,  $\bar{x}$  20  $\sigma$  19, target < 55 (89%), minimal 0-20 (65%), low 20-35 (23%), medium 35-55 (4%), high 55-80 (7%), maximal 80-100 (1%),

## ANOMALIES, INCIDENTS AND INTERVENTIONS manual intervention, 15/03

	MONTH OF MAR 2023	MONTH OF FEB 2023		6 MONTHS MAR - OCT	12 MONTHS MAR -APR	LIFETIME 18 JUN 2022 -	MONTH OF FEB 2022	MONTH OF JAN 2022	YEAR 2022 JAN - DEC	YEAR 2021 JAN - DEC
UNIT PRICE	\$966.43479102	\$839.97858937	\$966.43479102	\$839.97858937		\$966.43479102				
UNIT GAIN (PERIOD)	\$126.45620165 15.05%	\$374.40837443 80.42%	\$270.26800296 257.58%	\$949.30648069 5,542.32%	-	\$965.43479102 96,543.48%		-	-	-
(DAILY)	0.61%	2.99%	2.01%	3.15%	-	3.43%	-	-	-	-

## TARGET MARKETS

The fund is suitable for investors seeking high growth in a diversified portfolio who are prepared to bear losses. Capital protection is not offered.

The fund may not be available in all jurisdictions. In the United Kingdom, the fund is not authorised nor regulated by the Financial Conduct Authority and thus is available only to certain Qualified Investors (Investment Professionals, Certified High Net-Worth Individuals, Certified Sophisticated Investors, and Self-Certified Sophisticated Investors). The fund is not available to retail investors in any jurisdiction.

#### **RISK DISCLOSURES**

Past performance is not a guide to future performance and the value of an investment in the fund can go down as well as up and may return less than the full amount invested, or no amount at all.

The specific risks associated with the fund include:

- (1) The **market** may move unexpectedly;
- (2) The algorithms may not perform;
- (3) The **technology** may not operate correctly;
- (4) The **operation** may not meet standards;
- (5) The **third parties** may not be reliable;
- (6) The **regulatory** environment may change.

The unique nature of the fund means that it may deliver returns different to other seemingly similar funds. Further details of the risks associated with the fund can be found in the Offer Documents.

#### NOTES AND DISCLAIMERS

All figures are rounded, so totals may not sum, and all are prepared by GFIC, unless otherwise stated.

Fund performance is shown before deduction of fees. Target performance and risk represents an objective, not past performance and risk, and may not be representative of future performance and risk. There is no guarantee that the fund's objective will be achieved or there will be a return on capital.

The information, including any analysis and opinions, contained in this document is believed to be reliable. However, there is no guarantee as to its timeliness, accuracy, or completeness, nor can any liability be accepted for any loss or damage resulting from its use. All information, including any prices, may change without notice. The information is for illustrative purposes only, and is not personalised, nor is it a recommendation of any investment, nor a comprehensive statement of all the factors or considerations which may be relevant to any investment.

This document does not provide all the facts needed in order to make an informed decision about documents of the fund (the "Offer Documents"), investing in the fund, and it is necessary read all of the Offer Documents, and in particular the risk factors, and decide whether to obtain independent professional advice in respect of risks, as well as any legal, regulatory, credit, tax, and accounting considerations.

This document has been issued by GFIC Limited, a company registered in England and Wales with number 12264961. GFIC Limited is not authorised and not regulated by the Financial Conduct Authority in the United Kingdom. This document is not a recommendation to subscribe to and does not constitute an offer to sell or a solicitation or an offer to invest in the fund nor shall there be any sale in any jurisdiction in which such offer, solicitation or sale would be unlawful. Consequently, the offering of the fund may be restricted in certain jurisdictions. Prospective investors must inform themselves of, and observe, such restrictions, including legal, tax, foreign exchange or other restrictions in their relevant jurisdictions. Neither this document nor any part of it shall form the basis of, or be relied on in connection with, any contract of investment in the fund. Any such acquisition may only be made on the basis of the Offer Documents of the fund each in their final form.

## **OFFER DOCUMENTS**

The Investor Agreement, Fund Particulars, and Fund Subscription Form are the only official offering which are made available at https://gfic.limited.