

Monthly Gold Miners Market Report

June 2023

HANetf & AuAg Funds

AuAg ESG Gold Mining UCITS ETF

ESGO

60bps

IE00BNTVVR89

Product Inception Date: 02/07/2021

For Professional Clients Only. Capital at risk.

All data as of 31/05/2023

This report was written by, and is the opinion of, the ESGO creators - AuAg Funds.

Macro Outlook

The month of May was reflected by tough discussions in the US between Democrats and Republicans regarding a necessary raise of the so-called "debt ceiling". At the end of the month, they managed to reach an agreement and thus prevent a suspension of payments that would otherwise have occurred at the beginning of June.

The debt ceiling is USD 31,400,000,000,000, and via the US Debt Clock, you can see the US and the world's debts "live". Now they have a settlement, which means some minor savings, but above all, a solution without a fixed ceiling. This allows borrowing everything that will be needed until January 2025. The debt the US has in January 2025 will be the new debt ceiling.

We see continued monetary inflation after this almost unlimited opportunity to borrow even more (new debt) to stimulate the economy. The high-interest rate level will ultimately create a recession in the US, and it will require significant monetary stimulus to save the financial system. Monetary inflation is the strongest long-term driver for a rising gold price.

The US was close to a default, and if it were to happen, it would have led to a major crash in the US stock market. Somewhat counterintuitively, there would have been even bigger crashes outside the USA. This has caused currency traders to buy, rather than sell, USD to protect themselves. The US dollar has therefore strengthened several percent against most currencies during May. This has provided temporary headwinds for gold and silver, but it is a movement that is expected to reverse now that the debt ceiling settlement is in place and has been voted through.

China has had a hard time coming back from the extensive COVID lockdowns. The total shutdown has led to many job losses. The entire world's future growth depends on China's ability to restart its production capabilities and consumption. But still, things are slow, which affects the demand for raw materials and other products as China is such a large market. China is known for stimulating the economy and has yet not been afraid of taking on more debt. We expect new stimulus packages from China to arrive soon, giving momentum to many parts of the financial system. In particular, new stimulus signals from China are expected to strengthen the stock and commodity markets.

Sources available upon request. When you invest in ETFs your capital is at risk.

Gold Mining Performance Table

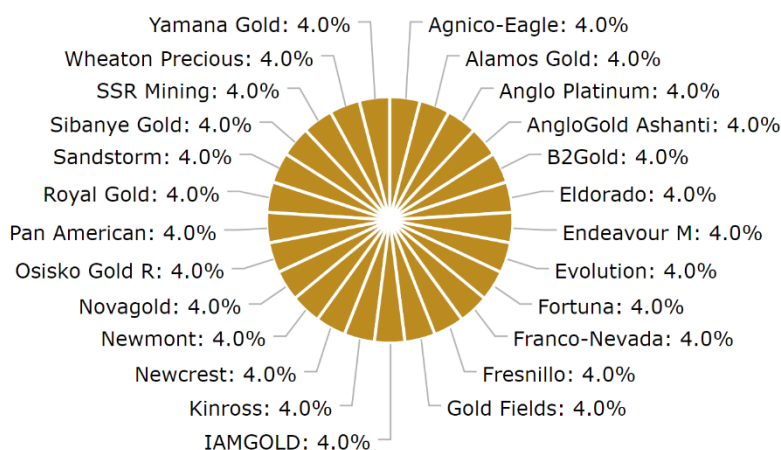
As of 31.05.2023

	1M	3M	6M	YTD	12M	SI
AuAg ESG Gold Mining UCITS ETF (ESGO)	-7.68%	11.78%	7.83%	5.33%	2.91%	-8.41%
<i>Solactive AuAg ESG Gold Mining Index</i>	<i>-7.62%</i>	<i>12.07%</i>	<i>8.39%</i>	<i>5.83%</i>	<i>3.77%</i>	<i>-7.35%</i>

Please note that all performance figures are showing net data. Source: Bloomberg / HANetf. Data as of 31/05/2023

Performance before inception is based on back-tested data. Backtesting is the process of evaluating an investment strategy by applying it to historical data to simulate what the performance of such a strategy would have been. Back-tested data does not represent actual performance and should not be interpreted as an indication of actual or future performance. Past performance for the index is in USD. Past performance is not an indicator for future results and should not be the sole factor of consideration when selecting a product. Investors should read the prospectus of the Issuer ("Prospectus") before investing and should refer to the section of the Prospectus entitled 'Risk Factors' for further details of risks associated with an investment in this product. When you invest in ETFs your capital is at risk.

Composition / Holdings (Target weight for ordinary rebalancing)



Portfolio Holdings Target Weight Allocation. Live percentage may differ due to holdings change of value/cash flows.

In the ordinary rebalance the above composition will be implemented over a period starting on 31.03.2023 cob and ending on 05.04.2023 cob. The new composition will be fully reflected in the index with opening on 06.04.2023.

Sustainability key statistics 2023-01-01:

Morningstar sustainability rating: (5 globes)

MSCI sustainability rating: AAA (triple A)

Index key statistics, 2015-03-27 -- 2021-07-06, Total Return USD:

Solactive AuAg ESG Gold Mining Index NTR: 159,55%

NYSE Arca Gold Miners Index NTR: 116,24%

S&P Commodity Producers Gold NTR Index: 129,87%

For more information on ESG-Data and Peers comparison, please read "[Fundsheets - Extended](#)"

Source of all data: AuAg Funds / Bloomberg / Sustainalytics / Solactive. Data as of 31.05.2023

All performance figures are showing net data. Past performance is not indicative of future performance and when you invest in ETFs your capital is at risk.

Weighting & Rebalancing

On each selection day, each index component is assigned an equal weight. The index is rebalanced quarterly with a four-day Asian rebalancing.

SFDR & ESG Risk Rating Methodology

The ETF is classified as Article 8 under the Sustainable Finance Disclosure Regulation (SFDR). The ESG Risk data is provided by Sustainalytics and is active, external, and independent.

The SFDR classifications for the funds are documented in their respective supplements and approved by the Central Bank of Ireland. The supplement for each fund can be found on their respective product page

The ESG Risk Ratings measure the degree to which a company's economic value is at risk driven by ESG factors or, more technically speaking, the magnitude of a company's unmanaged ESG risks. To calculate the ESG risk rating of each company, the Data Provider considers the corporate governance and material ESG issues.

Corporate governance is a foundational element in the ESG Risk Ratings and reflects our conviction that poor Corporate Governance poses material risks for companies. Corporate governance is based on six pillars and 15 indicator weights. Material ESG Issues (MEIs) contribute to the ESG risk rating. A company can have up to ten pre-selected, industry-specific MEIs plus any additional company-specific issues.

AuAg Funds

AuAg Funds is a boutique brand specialising in creating investor-friendly financial solutions with a strong focus on precious metals & green-tech elements. AuAg Funds also manage three daily traded UCITS funds, *AuAg Silver Bullet*, *AuAg Precious Green* and *AuAg Essential Metals*. More information on www.auagfunds.com.

The authors of this report are Eric and Christopher. Feel free to reach out to us if you have any questions about the fund. Please visit the fund homepage [AuAg ESG Gold Mining UCITS ETF](#) or [AuAg Funds](#).



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Trade ESGO

Exchange	Ticker	RIC	SEDOL	ISIN	Valoren	WKN	CCY	Listing Date
LSE	ESGO LN	ESGO.L	BMTR0P0	IE00BNTVVR89	-	-	USD	07/07/2021
BMV	ESGON MF		BMZQG97	IE00BNTVVR89			USD	15/03/2022
LSE	ESGP LN	HAESGPL	BMTR0V6	IE00BNTVVR89	-	-	GBP	07/07/2021
Borsa Italiana	ESGO IM	ESGO.MI	BL6KDG7	IE00BNTVVR89	-	-	EUR	21/07/2021
Xetra	ZSGO GY	ZSGO.DE	BL6KDH8	IE00BNTVVR89	-	A3CPAP	EUR	15/07/2021
SIX	ESGO SW	ESGO.S	BMX8D72	IE00BNTVVR89	111372653	-	CHF	01/03/2022
Euronext Paris	ESGO FP	HAESGP.PA	BPG9NB7	IE00BNTVVR89	-	-	EUR	09/12/2021

Important Information

Communications issued in the UK (ETFs and ETCs)

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Communications issued in the European Economic Area (“EEA”) relating to ETFs

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Communications issued in the EEA relating to ETCs

The content in this document is issued by the relevant Issuer.

The Issuers

1. HANetf ICAV, an open-ended Irish collective asset management vehicle issuing under the terms in the Prospectus and relevant Supplement for the ETF approved by the Central Bank of Ireland (“CBI”) (“ETF Prospectus”) is the issuer of the ETFs. Investors should read the current version of the ETF Prospectus before investing and should refer to the section of the ETF Prospectus entitled ‘Risk Factors’ for further details of risks associated with an investment in the ETFs. Any decision to invest should be based on the information contained in the ETF Prospectus.
2. HANetf ETC Securities plc, a public limited company incorporated in Ireland, issuing:
 - i. the precious metals ETCs under the terms in the base prospectus approved by both the Central Bank of Ireland (“CBI”), the UK Financial Conduct Authority (“FCA”) and the final terms of the precious metals (together, “Metals ETC Prospectuses”);
 - ii. the carbon securities ETCs under the terms in the base prospectus approved by the UK Financial Conduct Authority (“FCA”) and the relevant final terms of the carbon securities (together, “FCA Carbon ETC Prospectus”); and
 - iii. the carbon securities ETCs under the terms in the base prospectus approved by the Central Bank of Ireland (“CBI”) and the final terms of the carbon securities (together, “CBI Carbon ETC Prospectus”).

Investors should read the latest versions of the relevant ETC prospectus before investing and should refer to the section of the relevant ETC prospectus entitled ‘Risk Factors’ for further details of risks associated with an investment in the ETCs. Any decision to invest should be based on the information contained in the relevant ETC prospectus.
3. ETC Issuance GmbH, a limited liability company incorporated under the laws of the Federal Republic of Germany, issuing under the terms in the Base Prospectus approved by the Bundesanstalt für Finanzdienstleistungsaufsicht (“BaFin”) and the final terms (“Cryptocurrency Prospectus”) is the issuer of the ETC Group ETCs. Investors should read the latest version of the Cryptocurrency Prospectus before investing and should refer to the section of the Cryptocurrency Prospectus entitled ‘Risk Factors’ for further details of risks associated with an investment in the ETCs contained in the Cryptocurrency Prospectus. Any decision to invest should be based on the information contained in the Cryptocurrency Prospectus.

The ETF Prospectus, Metals ETC Prospectus, FCA Carbon ETC Prospectus, CBI Carbon ETC Prospectus and Cryptocurrency Prospectus can all be downloaded from www.hanetf.com.

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Past performance is not a reliable indicator of future performance. The price of the Products may vary and they do not offer a fixed income.

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An investment in an exchange traded product is dependent on the performance of the underlying asset class, less costs, but it is not expected to track that performance exactly. The Products involve numerous risks including among others, general market risks relating to underlying adverse price movements in an Index (for ETFs) or underlying asset class and currency, liquidity, operational, legal and regulatory risks. In addition, in relation to Cryptocurrency ETCs, these are highly volatile digital assets and performance is unpredictable.

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