

Monthly Digital Assets Market Report

August 2023

ETC Group Digital Assets and Blockchain Equity

UCITS ETF

KOIN

60bps

IE00BMQ8YK98

Product Inception Date: 15/11/2021

ETC Group Global Metaverse

UCITS ETF

METR

65bps

IE000KDY1003

Product Inception Date: 15/03/2022

For Professional Clients Only. Capital at risk.

All data as of 31/07/2023

This report was written by, and is the opinion of, ETC Group.

Blockchain ETF and Metaverse ETF Key Takeaways

AI darling Nvidia has signed terms with some of the largest content producers on the planet

AI darling Nvidia (NASDAQ:NDVA) has signed terms with some of the largest content producers on the planet, including Adobe (NASDAQ:ADBE) and Apple (NASDAQ:AAPL) to become the standards setters for how graphics are made in the metaverse.

Their technical format is called OpenUSD. It was created at Pixar for such groundbreaking films as Toy Story and WALL-E and the technology was made available to all creators in 2016.

Augmented reality (AR) and spatial computing is back on the sales and buying agenda with Apple's June 2023 introduction of its Reality Pro AR headset. Tech teams at the \$2.8 trillion giant were some of the largest contributors to the project and developer tooling for the headset was built using OpenUSD.

Because metaverse graphics technology is in the early stages of development there are few standards around how 3D models should be built, or how they should be portable across platforms.

Nvidia is the monopoly producer of the AI chips required to power technically complex AR animations and visual effects, but its largest metaverse project, the Omniverse, focuses on industrial digital twins.

These are graphical representations of real-world scenes or objects for industrial applications, such as warehouse visualisation, factory process streamlining and automation.

In its 2022 'Metaverse and Money' report, the investment bank Citi said there was a \$13 trillion opportunity in the metaverse, but only \$2 trillion would come from retail VR gaming, with \$8 trillion to \$11 trillion from making business processes faster, leaner and cheaper.

Nvidia is the largest holding in the Blockchain ETF. The stock is up 132.5% in the year to date.

In the four weeks since BlackRock's filing, Bitcoin's price spiked 22.8% to a 12-month high of \$30,800. For more crypto insights visit <https://www.etc-group.com/blog/>

Sources available upon request. **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.

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Blockchain ETF and Metaverse ETF Performance

As of 31.07.2023

	1M	3M	6M	YTD	12M	SI
ETC Group Digital Assets and Blockchain Equity UCITS ETF	21.98%	48.67%	57.33%	104.94%	25.04%	-68.12%
<i>Solactive ETC Group Digital Assets and Blockchain Equity Index</i>	<i>22.06%</i>	<i>49.03%</i>	<i>57.99%</i>	<i>106.10%</i>	<i>26.08%</i>	<i>-67.76%</i>
ETC Group Global Metaverse UCITS ETF	7.63%	26.24%	27.56%	50.22%	37.11%	18.86%
<i>Solactive ETC Group Global Metaverse Index</i>	<i>7.68%</i>	<i>26.46%</i>	<i>28.01%</i>	<i>50.88%</i>	<i>37.83%</i>	<i>19.68%</i>

Please note that all performance figures are showing net data. Source: Bloomberg / HANetf. Data as of 31/07/2023
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Product Details

Visit the [KOIN Fund Page](#) for more information

Exchange	BBG Code	RIC	ISIN	Valoren	SEDOL	Currency	TER
London Stock Exchange	KOIN LN	KOIN.L	IE00BMQ8YK98	-	BMBTJ46	USD	0.60%
London Stock Exchange	KOIP LN	KOIP.L	IE00BMQ8YK98	-	BN4MYX3	GBP	0.60%
Borsa Italiana	KOIN IM	KOIN.MI	IE00BMQ8YK98	-	BMXR829	EUR	0.60%
Deutsche Boerse Xetra	KO1N GY	KO1N.DE	IE00BMQ8YK98	-	BMXR807	EUR	0.60%
SIX	KOIN SW	KOIN.S	IE00BMQ8YK98	112518685	BMX8DD8	CHF	0.60%
Euronext Paris	KOIN FP	KOIN.PA	IE00BMQ8YK98	-	BMD2GJ7	EUR	0.60%

Visit the [METR Fund Page](#) for more information

Exchange	BBG Code	RIC	ISIN	SEDOL	Currency	TER
London Stock Exchange	METR LN	METR.L	IE000KDY1003	BMV7W41	BMV7W41	0.65%
London Stock Exchange	METP LN	METP.L	IE000KDY1003	BMV7ZZ3	BMV7ZZ3	0.65%
Deutsche Boerse Xetra	M37R GY	M37R.DE	IE000KDY1003	BMCDV18	BMCDV18	0.65%
Borsa Italiana	METR IM	METR.MI	IE000KDY1003	BMCDTZ8	EUR	0.65%



ETC Group

ETC Group has been created to provide investors with the tools to access the investment opportunities of the digital assets and blockchain ecosystem. United within ETC Group is one of the world's largest electronic market makers and an exceptional team of financial services professionals and entrepreneurs, with experience spanning both the worlds of digital assets and regulated markets. While product quality and safety stand at the core of our product creation approach, we aim at continuously launching best-in-class institutional-grade exchange traded products.

As a company, we have launched the world's first centrally cleared Bitcoin exchange traded product on Deutsche Börse XETRA, the largest ETF trading venue in Europe, and have also launched Europe's first Metaverse ETF together with HANetf. Further information as well as regular digital assets research publications can be found on www.etc-group.com.



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 - 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
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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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