

Monthly Space Market Report

April 2023

HANetf & Procure Innovation

Procure Space UCITS ETF

YODA

75bps

IE00BLH3CV30

Product Inception Date: 01/06/2021

For Professional Clients Only. Capital at risk.

All data as of 31/03/2023

This report was written by, and is the opinion of, the YODA index providers Procure Holdings.

Key Takeaways

Holdings in the News

- **SES** in discussions to potentially merge with Intelsat.
- **Trimble** completes acquisition of rival Transporeon.
- **Globalstar** completes another successful debt financing round via Varde for \$200 Million.
- **Boeing** delivers its most powerful satellite platform ever developed for **Viasat**'s newest array.
- **Planet Labs** looks to acquire Holding Sinergise in move to enhance Earth observation business.

Macro Outlook

5 ways AI is used in space

The news has been full of new Artificial Intelligence (AI) opportunities. But AI in Space has been around for a while and is finding new applications. Space is a constantly evolving world that is being studied by scientists and governments. AI is an integral part of this research.

Equipment Design - NASA is using AI to perfect specialty hardware for spacecrafts and missions. The combination of human intuition with AI is being used to create specialized, one-of-a-kind parts. The result is optimized shapes at lower weights. In the future, the use of AI with 3-D printing may help astronauts create parts on demand in space.

Space Congestion - As the number of satellites and rocket launches increases, so does the volume of debris resulting in a greater chance for collisions. AI models have been created to track the multitude of objects in Earth's orbit. This data must be continually monitored to prevent accidents

Defense and Warfare - Information will be an essential weapon in future warfare and defense operations. The U.S. Government branches are already incorporating AI capabilities in intelligence, cyber, and electronic warfare technology. AI algorithms are being created to monitor, anticipate, and react in case of on-orbit and in-ground space conflicts. Meanwhile, the U.S. is not alone. China has also been making investments in AI for defense and military purposes. The "Space Race" is alive and well when it comes to determining who will have a competitive edge in the future.

Satellite Operations - Satellites are currently a sizable and growing industry. Maintaining the satellites, monitoring their flight patterns, and anticipating failure times are critical activities as more operations become reliant on satellite information. Whether it's for communications, observation, or defense purposes, businesses and governments using satellites need to know their services will be available at all times. Satellite operators need to be one-step ahead in maintaining system reliability.

Star and Galaxy Mapping - AI-based algorithms are helping astronomers better understand the location, size and age of stars and galaxies in space. Analysis of this data will help scientists detect, classify, and recognize patterns for future exploration.

Startups and established companies continue to develop new space enterprises. As more opportunities develop for space related businesses and products, new AI programs will surely evolve.

Sources available upon request. Please remember that when you invest in ETFs, your capital is at risk.

Space Performance Table

As of 31.03.2023

	1M	3M	6M	YTD	12M	SI
Procure Space UCITS ETF	-5.14%	-1.81%	8.30%	-1.81%	-25.24%	-35.95%
<i>S-Network Procure Space Index</i>	<i>-5.06%</i>	<i>-1.63%</i>	<i>8.59%</i>	<i>-1.63%</i>	<i>-24.86%</i>	<i>-35.10%</i>

Please note that all performance figures are showing net data. Source: Bloomberg / HANetf. Data as of 31/03/2023. Performance before inception is based on back tested data. Back testing is the process of evaluating an investment strategy by applying it to historical data to simulate what the performance of such 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 and ETCs your capital is at risk.

Product Details

YODA is Europe's first pure-play space ETF. At rebalance, at least 80% of its underlying index focuses on companies receiving a majority of its revenues from space related activities, businesses and services. Space industries include areas like, satellite manufacturing and operations, rocket manufacturing and launch, space hardware and software, ground equipment manufacturing dependant on satellite systems, space tourism, satellite-based communications (internet, tv, radio), space-based imagery and surveillance and space-based military and defence systems.

Investors looking for instant diversification in the global space industry can look towards YODA as a low-cost solution to access to the emerging space economy.

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

Exchange	BBG Code	RIC	ISIN	Valoren	SEDOL
London Stock Exchange	YODA LN	YODA.L	IE00BLH3CV30	-	BMTR072
London Stock Exchange	UFOP LN	UFOP.L	IE00BLH3CV30	-	BMTR0D8
Borsa Italiana	YODA IM	YODA.MI	IE00BLH3CV30	-	BMV9PQ0
Deutsche Boerse Xetra	YODA GY	YODA.DE	IE00BLH3CV30	-	BMV9PR1

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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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