

Monthly Space Market Report

March 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 28/02/2023

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

Key Takeaways

Holdings in the News

- **Terran Orbital** wins \$2.4 billion Rivada Space contract to build 300 satellites.
- **Rocket Lab** establishes Australian subsidiary to help expand customer base and capabilities.
- **Lockheed Martin and Boeing's** United Launch Alliance joint venture rumoured to be up for sale.
- **Raytheon** secures \$250 million contract to build multiple missile-tracking satellites.
- **Virgin Galactic** reiterates plan to continue human spaceflight later this year.

Macro Outlook

Space is a constantly changing industry with real revenues being generated in the present and the excitement of the opportunities the industry's future may hold. While we typically focus on the current revenue generating space markets, it is occasionally fun to look ahead to what the space industry may look like in the future. This month, we will look at several technological trends and apply them to future space capabilities.

Artificial Intelligence - Often grouped together with machine learning, AI has the potential to provide numerous benefits to human space capabilities. Applying AI to navigation may help both manned and unmanned spacecraft chart optimal courses to minimize fuel consumption or avoid collision with debris or other dangerous objects. Additionally, detecting weapons, asteroids or other threatening objects can be significantly more manageable when outsourcing the task to AI.

Drones - Drone swarms are becoming a popular military strategy on Earth which requires satellite connectivity. In space, drones can allow us to survey sites of future human importance like new bases and resource deposits. Additionally, drones have the ability to survive in conditions that would be difficult for manned-crafts allowing us to safely explore distant habitats or quickly transport life-saving tools or equipment.

Robotics - Robotics have already been instrumental in space exploration and spacecraft repair but we are only scratching the surface. Utilizing robots to build human habitats prior to human arrival can save time, money and lives. Manufacturing in space, which could potentially be an enormous industry, may rely heavily on robotics to build massive structures or build products in sterile or low gravity environments.

3D Printing - One of the most expensive aspects of space is transportation. Sending tools or equipment to space takes incredible amounts of planning, time and money. Sending 3D printers and printing material to space could allow future space residents to print countless tools and devices as needed. As the technology advances, 3D printed rockets and habitats could be built entirely in space.

Alternative Energy - Solar energy has seen impressive advancements due to space industry research but there may be numerous other renewable energy sources that could see breakthroughs. Nuclear power generation

is being explored by companies and universities as both a propulsion source for spacecraft as well as an energy source for space stations and lunar/planetary bases. Others are studying ways of harnessing solar energy and beaming it down to Earth as a way to meet our growing energy needs back home.

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

Space Performance Table

As of 28.02.2023

	1M	3M	6M	YTD	12M	SI
Procure Space UCITS ETF	-4.51%	-0.15%	-3.33%	3.51%	-18.37%	-32.48%
<i>S-Network Procure Space Index</i>	-4.47%	-0.08%	-3.11%	3.61%	-17.97%	-31.64%

Please note that all performance figures are showing net data. Source: Bloomberg / HANetf. Data as of 28/02/2023. 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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