# META ETI

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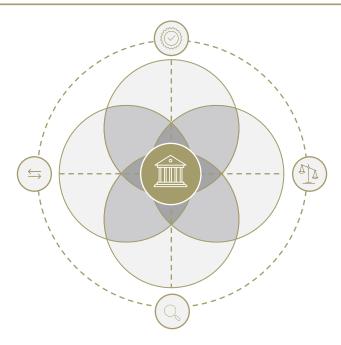
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META ETI



# **Exchange Traded Instrument**



An Exchange Traded Instrument (ETI) is, as the name suggests, tradable at a regulated exchange. The regulated setting ensures transparency, tradability and safety for market participants.

# Overview

The META ETI has been specifically designed for conservative profiles, being eligible for retail clients and financial institutions' balance sheets by meeting high standards and rigorous regulatory requirements. The objective of the strategy is to maintain a controlled volatility of maximum 12% annualised and to maintain high diversification ratios via the implementation of a portfolio of ETFs on multiple industries such as equities, fixed income, commodities, and real estate.

The investment process, with the exception of market execution, is fully systematised and consists of a daily search for different portfolio scenarios in order to maintain the target ratios. For this purpose, the algorithm recursively performs calculations with data from the last 10 years until the ideal scenario is found.

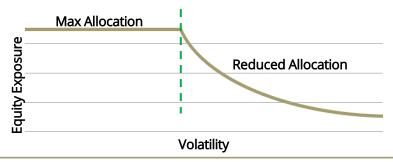
# **Main Information**

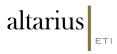
Issuer	Altarius ETI AG
Investment Manager	Altarius Capital Ltd.
Portfolio Manager	Paradigm Partners Capital Management
Strategy Originator	Milliman Financial Risk Management LLC
Underlying	Altarius Index PCC – CellE
ISIN	DE000A3G1PE3
WKN	A3G1PE
Bloomberg ID	ZM165370@EXCH Corp
Base Currency	USD
Min. Trading Size	1 unit
Issue Price	1.000,00
Exchange	Börse Frankfurt
Pricing	Daily
Offering	Public
Listing Date	28/12/2022

# **Investment Objective**

The META ETI allocates funds to diverse asset classes based on their individual risk limiting the effect that any single asset class can have on a portfolio performance. Additionally, the META ETI employs ongoing volatility management to limit overall portfolio risk.

The investment strategy incorporates volatility controls to **limit impact of drawdowns** during market downturns. It seeks to reduce exposure to risk assets in order to protect capital and limit adverse outcomes during times when markets are excessively volatile.





# **Eligibility Criteria**



Acceptable/eligible for retail investors.



Large assets under management.



Low management fee.



Representative of the sector in which they invest.



Support ample additional AUM capacity.



Most liquid within their category.

The asset pool used to select the final ETFs that will be part of the portfolio consists of all US ETFs which have European equivalents or comparable. Additionally, all of the assets (ETFs) in the portfolio must comply with the following criteria in order to be eligible.

The sectors in which the portfolio is invested is the result of the specific selection of ETFs, as long as they meet these criteria, as well as being diversified. The Strategy Originator does not have specific criteria to determine the number or quantity of ETFs in which they invest, however, the objective is to maintain an optimized (low) diversification ratio regardless of the number of assets or sectors.

Hedge funds and other funds or ETFs dedicated to alternative management are excluded and are not part of the selection universe.

# **Investment Process**

### (01) Select asset classes

(02) Select ETFs (03) Model volatility and correlations (04) Determine ETF weights

(05) Control volatility

The asset pool used to select the final ETFs consists of all US ETFs, which have European equivalents or comparable, and which are listed on various financial information platforms. Afterwards the system starts to discard all ETFs that do not meet the eligibility criteria.

When the results of the first filter are gathered, qualitative checks are carried out to confirm that there is indeed a diversified selection between sectors and to corroborate that the filtering is correct. Subsequently, the final inventory is produced where an ETF is selected for each sector.

The volatility is modelled using 10 years of historical daily prices based on the EGARCH2 covariance model with a gamma variance distribution. to maximize the impact of the most recent returns and minimize the impact of the oldest returns, an exponential smoothing method is applied.

Multiple scenarios are created employing different weightings of each ETF in the portfolio in order to review the resulting volatility and correlation metrics for each combination. The scenario with the highest diversification ratio is chosen and implemented , as long as the volatility does not exceeds 12% p.a.

When the historical volatility of the portfolio exceeds 12% annualised (square root of 252), the algorithm starts to reduce the assets proportionally and increase the cash position until the volatility is reduced and vice versa. The same procedure is applied to the correlation ratio.

# **Limits & Restrictions**



The portfolio's annual volatility based in the previous 10 years of daily market data will be limited to 12.00%.



The portfolio's diversification will be aimed to be as lowest as possible, targeting is to remain below 20%.



Leverage Net Exposure will be limited to a maximum of 100%.



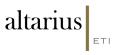
Leverage Gross Exposure will be limited to a maximum of 100%.



The drawdown will have a couple of soft limits at 10% and 20% of NAV which trigger a detailed report by the management team.



A soft limit will be assigned to a 60% of concentration, which, if breached, will be reviewed with the Strategy Originator.



# **Altarius ETI AG**

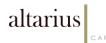
### Issuer

Altarius ETI AG, as the issuer, focuses on the asset structuring practice based on the issuance of exchange-traded instruments and products. Our objective of is to provide asset managers with an alternative structuring solution that enhances their management environment and strengthens their scope by eliminating the barriers that faced when launching an ETI.

Our ETI platform provides the required solutions involved in the issuing and listing of the ETI to successfully launch and manage the instrument. The most relevant solutions that Altarius ETI provides are the operational procedures required to constitute the instrument in compliance with regulatory guidelines, the liaison with multiple service providers throughput primary and secondary capital markets, and providing access to a worldwide distribution infrastructure.

Altarius ETI issues innovative investment products that allow investors to access returns from a market or strategy that would otherwise be difficult to access through listed securities.





# Altarius Capital Ltd.

### **Investment Manager**

Altarius Capital Ltd. is an Alternative Investment Manager (AIFM) that serves the global investment market, covering the objectives and needs of asset managers, in addition to institutional and private clients. We specialize Wealth Management and Asset Allocation through differentiated alternative strategies.

We follow an Asset Allocation methodology focused on identifying talented managers at a global scale which provide select strategies with outstanding features and attractive returns, enabling us to offer Wealth Management services that meet the objectives and aspirations of institutions, family offices and professionals.

Altarius Capital Ltd. Is authorized and regulated by the Financial Services Commission (FSC) in Gibraltar and registered with the Financial Conduct Authority (FCA) in the United Kingdom in addition to being members of the Gibraltar Investor Compensation Scheme (GICS), Gibraltar Funds & Investments Association (GFIA) and the Gibraltar Association of Compliance Officers (GACO). At Altarius Capital Ltd., we are fully committed to Gibraltar as a financial centre of excellence.

# Embrace your future with Altarius Capital.

# Paradigm Partners Capital Management

# PARADIGM ( CAPITAL

# Portfolio Manager

Paradigm Partners Capital Management specializes in wealth management and risk management solutions for institutional clients, family offices, and high net worth individuals. The company was founded in 2007 and since then has specialized in providing investment solutions and access to established portfolio managers, hedge funds, and private equity. To this end, Paradigm conducts various top-down and bottom-up analyses of each manager and strategy from a qualitative and quantitative point of view.

Paradigm is a Registered Investment Advisor and is registered with the Securities and Exchange Commission (SEC) under CRD code: 174048 and SEC code: 801-80811.





# Milliman Financial Risk Management

### **Strategy Originator**

Milliman Financial Risk Management is among the world's largest providers of actuarial, risk management, and related technology and data solutions. Their consulting and advanced analytics capabilities encompass healthcare, property and casualty insurance, life insurance and financial services, and employee benefits. The firm serves the full spectrum of business, financial, government, union, education, and non-profit organizations. Founded in 1947, Milliman Financial Risk Management has offices in principal cities worldwide, covering markets in North America, Latin America, Europe, Asia and the Pacific, the Middle East, and Africa. Milliman Financial Risk Management has a successful track record of managing the risk of actuarially complex, path-dependent liabilities through some of the most difficult market conditions in decades.





# **Management Team**







Nate Dorr Juan Carlos Salas Emilio Martinez

#### Milliman FRM Senior Director

Nate joined the firm in 2011. He obtained a Bachelor of Mathematics and Economics from the Rose-Hulman Institute of Technology. Nate oversees Milliman's quantitative finance modeling for market consistent valuation and pricing of equity and interest rate derivatives with a particular focus on those embedded and related to insurance products. Additionally, he oversees the development and support of FRM's standard software suite for valuation and risk analysis of fixed income assets and derivatives in real time trading applications.

### Chief Executive Officer

Juan has worked in the Financial Services industry since 1989. He has 26 years of experience working as Managing Director for Private Clients and Private Banking for renowned institutions such as JP Morgan Chase, Wells Fargo, Bank of America, and Citibank to name a few. During his time with these firms, he specialized in fixed income portfolio management. He successfully managed client assets during 3 well known crises the 1998 Russian Crisis, the Technology Bubble 2000-2001 and the Financial Crisis in 2008.

### Risk Director

Emilio has more than 15 years' experience in the financial sector having worked in European and international financial entities. His role consists in designing and implementing the global risk management framework performing holistic investment and operational due diligence exercises of each strategy in order to identify the inherent and most material risk factors within the management framework. Emilio is qualified as FRM (Financial Risk Manager) by the Global Association of Risk Professionals.

# Stakeholders



















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