

THEAM QUANT - RAW
MATERIALS INCOME FUNDtheam QUANT
FUNDS

COMMODITIES

MARKETING COMMUNICATION | FOR PROFESSIONAL CLIENTS ONLY | OCTOBER 2024

OBJECTIVE

- The objective of this Fund is to increase the value of its assets over the medium term, through the use of a quantitative, non-directional investment strategy based on the commodity markets, excluding the agricultural, livestock and precious metals commodities sector.

KEY POINTS

- Access to the Commodity Curve Alpha source that was implemented in our flagship in-house commodity strategy, BNP Paribas® Oscillator Commodity strategy (live since October 2007).
- Commodity Curve Alpha is created through an optimal investment on the forward curve using the S&P GSCI® Dynamic Roll mono-indices.
- Diversified allocation among 10 Commodities within an ex-agriculture and livestock broad commodity universe.

STRATEGY

Taking advantage of Commodity markets specificities

Outperformance due to reduced cost of carry

- Carry cost (opposite of roll yield) is made up of:
 - interest rate r ;
 - cost of storage and insurance c ;
 - convenience yield y (benefit of owning now the commodity needed later vs. taking the risk to not be able to buy it as easily in the future due to tighter supply).
$$\text{Carry cost} = r + c - y$$
- Over time, investors have to roll near-expiring futures contracts. Thus:
 - long investors in a backwardated commodity face negative carry cost (so, actually, positive roll yield over time);
 - long investors in a contangoed commodity face positive carry cost (so, negative roll yield over time).
- What an investor really earns is excess return such that: $\text{Excess Return} = \text{Spot Price Return} + \text{Roll yield}$

BNP Paribas® DR Alpha Ex-Agriculture and Livestock strategy⁽¹⁾

- Curve Alpha aims at exploiting the outperformance of a positioning on maturities further along forward curves vs. a positioning on front-month contracts.
- Thus, the long leg of BNP Paribas® DR Alpha Ex-Agriculture and Livestock Index is a curve-enhanced benchmark index whose positioning for each commodity is determined by the S&P GSCI® Dynamic Roll methodology.
- BNP Paribas® DR Alpha Ex-Agriculture and Livestock Index is the Alpha generated by this long leg vs. a short position in the regular benchmark index.
- S&P GSCI® Dynamic Roll mono-indices have been designed to optimise the roll yield of commodity indices by dynamically taking into account the shape of the forward curve of the underlying commodity. In the case of Contango, the S&P GSCI® Dynamic Roll mechanism strongly reduces the negative roll return

Enhanced curve placement – Curve Alpha

- **The THEAM Quant - Raw Materials Income Fund is synthetically exposed to the BNP Paribas® DR Alpha Ex-Agriculture and Livestock Index which displays the following characteristics:**
 - Investment universe: 10 commodities: 6 Energy + 4 Base Metals included in the Bloomberg Commodity Index*
 - BNP Paribas® DR Alpha Ex-Agriculture and Livestock Index strategy represents the Alpha generated between:
 - Long leg curve-enhanced benchmark: weights of the Bloomberg Commodity Index. ex. precious metals and ex. Agriculture and Livestock and Invested in S&P GSCI® Dynamic Roll single commodity indices
 - Short leg benchmark-like index: same weights as above and Invested in regular BCOM single commodity indices
- The THEAM Quant - Raw Materials Income Fund is synthetically exposed to the strategy index through a swap with BNP Paribas Commodity Desk.
- Besides, the investor's cash is invested in T-Bills up to 1 year maturity.
- On a quarterly basis when the fund's performance is positive, the investor receives a coupon**.

⁽¹⁾ The Alpha Curve strategy is implemented through a proprietary BNP Paribas Index to which the FCP is linked.

For further information, and in particular the risks of the product, please refer to the Prospectus and KIDs of the fund.

These internal guidelines are mentioned for your information only and are subject to change without notice. Prospectus and KID guidelines will prevail.

* Please note that from 01 July 2014, Bloomberg manages (as a replacement for Dow Jones) the calculation and administration of the Dow Jones-UBS Commodity Index family, which has been rebranded as the "Bloomberg Commodity Index Family". Bloomberg will be responsible for the methodology, calculation, distribution, and licensing. The Bloomberg Commodity ex-Precious Metals Index (BCOMXPM Index) has therefore replaced the Dow Jones-UBS Commodity ex-Precious Metals Index (DJUBSXPM Index) on 01 July 2014. There was no change in the index calculation methodology or composition during this transition.

** During the life of the investment, the coupon is not distributed and capitalised.

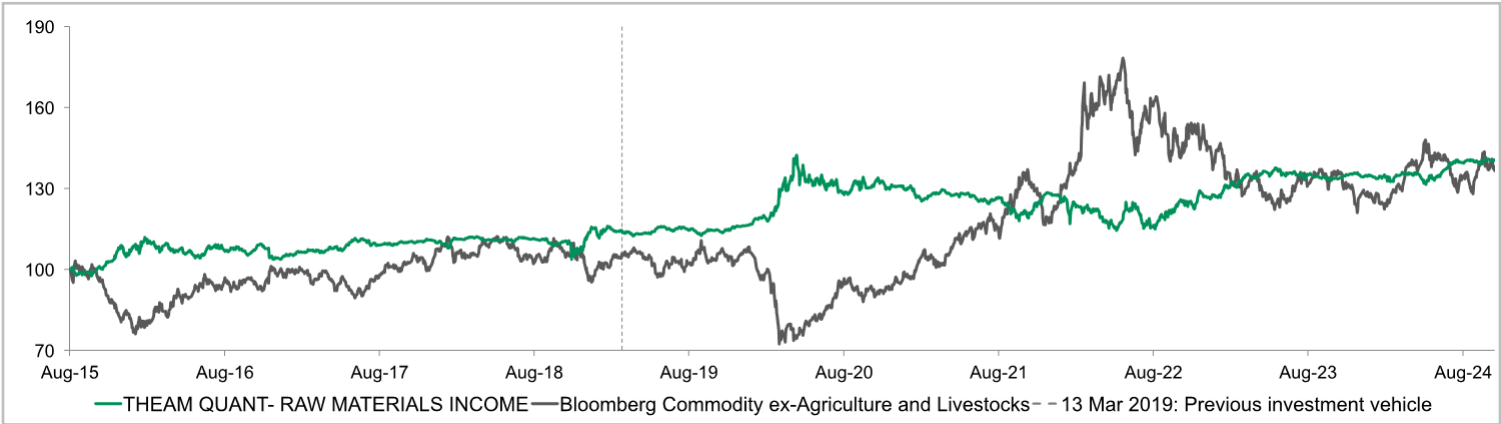
THEAM Quant - Raw Materials Income Fund

COMMODITIES

PERFORMANCE ANALYSIS

As of October 31st, 2024

Historical Performance (net of fees, Share I - USD)



Performance and Risk Statistics (net of fees, Share I - USD)

THEAM QUANT- RAW MATERIALS INCOME					1M		3M		1Y		3Y p.a.		5Y p.a.		Global p.a.		Volatility p. a.		Max. Drawdown	
BBUXALCT Index					Return	1.15%	0.39%	5.09%	5.12%	4.29%	3.77%	Risk	8.26%	-19.61%						
						-1.80%	2.22%	0.84%	1.26%	5.20%	3.44%		17.90%	-35.50%						
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD			
2024	Fund	-0.50%	-0.74%	2.25%	-0.13%	-0.66%	0.83%	3.09%	0.29%	-1.04%	1.15%						4.55%			
	BBUXALCT	-0.81%	-0.78%	3.46%	5.61%	1.76%	-0.08%	-4.88%	-0.18%	4.29%	-1.80%						6.32%			
2023	Fund	2.64%	0.91%	3.43%	0.03%	1.43%	-1.33%	-0.36%	-0.35%	-0.44%	0.14%	1.03%	-0.51%				6.73%			
	BBUXALCT	-2.25%	-6.12%	-0.94%	-0.83%	-6.86%	3.34%	7.73%	-0.75%	0.16%	0.16%	-3.93%	-1.27%				-11.71%			
2022	Fund	-5.50%	2.35%	-1.31%	-3.00%	-0.49%	6.34%	-6.91%	1.63%	2.90%	1.79%	2.06%	-0.16%	-1.08%						
	BBUXALCT	10.48%	4.96%	11.90%	4.42%	2.53%	-11.92%	7.13%	-1.36%	-10.15%	1.75%	5.49%	-4.72%				18.83%			
2021	Fund	-0.58%	-2.76%	1.69%	-0.81%	0.49%	-1.93%	0.13%	-0.75%	-4.50%	1.61%	4.44%	0.78%	-2.45%						
	BBUXALCT	1.42%	7.83%	-2.99%	6.65%	4.52%	2.68%	3.40%	0.16%	7.45%	2.20%	-9.48%	2.83%	28.56%						
2020	Fund	2.42%	1.59%	10.20%	3.81%	-3.63%	-1.15%	1.11%	-3.77%	3.37%	-0.24%	-1.59%	0.31%	12.32%						
	BBUXALCT	-8.04%	-6.68%	-18.12%	1.27%	6.79%	3.48%	7.31%	7.78%	-7.06%	0.21%	3.17%	2.44%	-10.46%						
2019	Fund	-1.48%	-0.03%	-0.01%	-0.68%	1.48%	0.02%	0.15%	-0.54%	-0.09%	-0.31%	1.61%	0.41%	0.48%						
	BBUXALCT	7.14%	3.20%	-0.03%	0.63%	-6.96%	4.14%	1.07%	-0.30%	-0.56%	2.97%	-4.29%	4.91%	11.66%						
2018	Fund	-0.46%	1.67%	0.35%	-0.56%	-0.01%	-0.52%	1.05%	-0.67%	-0.98%	0.81%	-4.34%	9.42%	5.34%						
	BBUXALCT	2.39%	-4.61%	0.75%	3.00%	1.81%	-1.09%	-3.99%	-0.35%	2.81%	-3.20%	1.20%	-9.90%	-11.39%						
2017	Fund	1.67%	0.68%	-0.44%	1.38%	1.10%	1.47%	-1.11%	0.44%	-0.27%	0.92%	0.14%	-0.59%	5.47%						
	BBUXALCT	-0.51%	0.40%	-1.16%	-2.45%	-1.66%	-1.43%	3.55%	4.77%	-0.74%	2.59%	-0.58%	5.22%	7.89%						
2016	Fund	0.71%	3.75%	-0.58%	-2.42%	-0.09%	-1.09%	2.45%	-0.55%	-0.33%	0.84%	-1.59%	-1.88%	-0.94%						
	BBUXALCT	-1.96%	-1.07%	3.75%	9.76%	-2.98%	7.06%	-2.30%	-1.25%	3.35%	-1.79%	3.21%	2.32%	18.64%						
2015	Fund								-1.31%	0.34%	1.22%	3.49%	1.36%	5.15%						
	BBUXALCT								38.14%	-5.34%	-1.65%	-9.28%	-3.61%	-16.02%						

*ex-Agriculture and Livestock
Source: Bloomberg, BNP Paribas. Historical performance of the Share I (USD) Acc since 18 August 2015. Fund's performances is expressed net of management fees and in USD. Past and present performance is not a reliable indicator of future results. For more details please refer to the prospectus. Comparative index: Bloomberg Commodity Ex Agri and Live Stocks Capped TR Index , Bloomberg code: < BBUXALCT Index >. Comparative index for illustrative purposes only. This index does not represent an official benchmark of the fund.
Please note that from 01 July 2014, Bloomberg manages (as a replacement for Dow Jones) the calculation and administration of the Dow Jones-UBS Commodity Index family, which has been rebranded as the "Bloomberg Commodity Index Family". Bloomberg will be responsible for the methodology, calculation, distribution, and licensing. The Bloomberg Commodity ex-Agriculture and Livestock Capped TR Index (BBUXALCT Index) and the Bloomberg Commodity ex-Agriculture and Livestock TR Index (BCOMXALT Index) have respectively replaced the DJUBS Ex Agri and Live Stocks Capped TR Index (DJUXALCT Index) and the DJUBS Ex Agri and Live Stocks TR (DJUBXALT Index) on 01 July 2014. There was no change in the index calculation methodology or composition during this transition.

FUND CHARACTERISTICS

Fund	THEAM QUANT- RAW MATERIALS INCOME				Capital protection	No	
Management Company	BNP PARIBAS ASSET MANAGEMENT Europe				Minimum Investment horizon	4	
Comparative Index	Bloomberg Commodity ex-Agriculture and Livestocks				Legal form	SICAV	
Assets under Management	USD 3.55 million as of 31 October 2024				SRI Ranking (scale from 1 to 7)*	3	
SFDR article	6 – Sustainability Risks : This products integrates the analysis of sustainability risks in its investment process pursuant to article 6 of the EU regulation 2019/2088.						
Share	I ACC USD	I DIS USD	I ACC EUR H	C ACC EUR H	Privilege ACC USD	Privilege ACC RH H	
Launch date	13 March 2019	13 March 2019	13 March 2019	05 February 2021	05 June 2019	05 June 2019	
ISIN code	LU1893659935	LU1893660271	LU1893660511	LU1893659349	LU1893659422	LU1893659851	
Bloomberg code	THRMIC LX	THRMID LX	THRMIEH LX	THRMINC LX	THRMIPA LX	THRPEHA LX	
Ongoing charges	0.50%	0.50%	0.50%	0.90%	0.55%	0.55%	
Subscription / Exit fees	None / None	None / None	None / None	3.00% / None	3.00% / 3.00%	3.00% / None	
Minimum subscription	100K \$	100K \$	100K \$ equiv	No minimum	No minimum	No minimum	
Previous Fund Name	THEAM Quant Raw Materials Income - I USD ACC	THEAM Quant Raw Materials Income - I USD DIS	THEAM Quant Raw Materials Income - I EUR H ACC	-	-	-	
Launch date	18 August 2015	21 July 2015	04 August 2016	-	-	-	
ISIN code	FR0012902278	FR0012459378	FR0012459386	-	-	-	
Passporting	Austria, Germany, France, United Kingdom, Italy, Luxembourg	Germany, France, United Kingdom, Italy, Luxembourg	Germany, France, United Kingdom, Italy, Luxembourg	France, Luxembourg	Germany, France, Luxembourg	Germany, France, Luxembourg	

of capital loss. Following the new Sustainable Finance Disclosure Regulation (SFDR) that came into force on the 10th of March 2021, financial entities such as BNP Paribas Asset Management who sell products into the EU are required to classify the products they manufacture or advise into three categories: products with sustainable investment objective (Article 9); products promoting environmental or social characteristics (Article 8); products neither Article 8 or Article 9 (Article 6). *The summary risk indicator is determined on a scale from 1 to 7 (7 being the highest risk level). It is subject to a periodical computation and can consequently change over time. We invite you to consult regularly the KID.

Funds' main common risks

- The following list of risk factors associated with the funds is not exhaustive. The risk factors that should be considered in connection with any investment include (but are not limited to) the following:
- An investment in the funds may involve a significant degree of risk. Investment in the funds is only suitable for those persons who are able to bear the economic risk of the investment, understand the degree of risk involved, believe that the investment is suitable based upon their investment objectives and financial needs, and have specific needs for liquidity of investment. There can be no assurance that the funds' objectives will be achieved or that there will be any return of capital.

Economic conditions

- The success of any investment activity is affected by general economic conditions, which may affect the level and volatility of interest rates and the extent and timing of investor participation in the equity markets. Unexpected volatility or illiquidity in the markets in which the funds hold positions could impair the funds' ability to carry out their business or cause them to incur losses. None of these conditions is within the control of the funds or its management company and/or investment manager and no assurances can be given that the funds or its management company and/or investment manager will anticipate these developments.

The funds will possess inherent risks

- These include, among other things, credit, liquidity, volatility, currency and interest rate risk, the financial condition of the underlying obligors, general economic conditions, market price volatility, the condition of certain financial markets, political events and developments or trends in any particular industry.

Currency exchange risk

- The value of an investment may be affected by fluctuations in the currency of the country in which the investment was made, or exchange control regulations.

Interest rate risk

- The value of an investment may be affected by interest rate fluctuations. Interest rates may be influenced by several elements or events, such as monetary policy, the discount rate, inflation, etc.

Derivatives risk

- The use of derivatives by the funds includes various risks. Those risks are (without limitation), the lack of secondary market liquidity under circumstances, valuations risks, the lack of standardization and regulation, the risk of leverage, the risk of counterparty.

Liquidity risk

- There is a risk that investments made in funds may become illiquid due to an over-restricted market (often reflected by a very broad bid-ask spread or by substantial price movements), or if their "rating" declines or their economic situation deteriorates.

Credit risk

- This is the risk that may derive from the rating downgrade of a bond issuer to which the funds are exposed, which may therefore cause the value of the investments to go down. Funds investing in high-yield bonds present a higher than average risk due to the greater fluctuation of their currency or the quality of the issuer.

Risk linked to equity markets

- The risks associated with investments in equities (and similar instruments) include significant fluctuations in prices, negative information about the issuer or market and the subordination of a company's equities to its bonds. The value of investments and the income they generate may go down as well as up and it is possible that investors will not recover their initial outlay.

Counterparty risk

- This risk relates to the quality of the counterparty with whom the funds do business or enter into various transactions. This risk reflects the counterparty's ability to honor its commitments (payment, delivery, repayment, etc.)

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