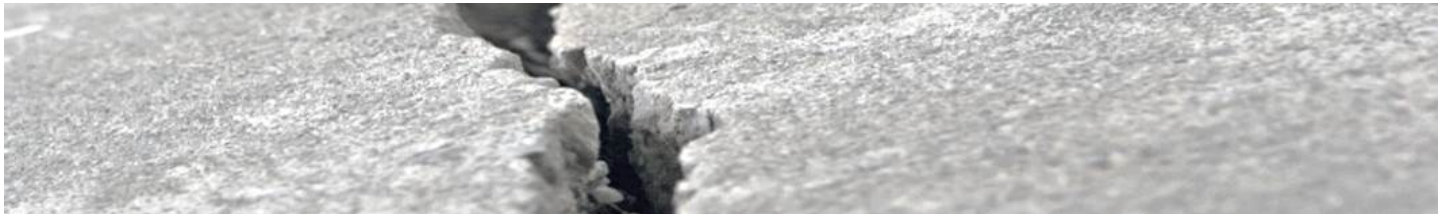


# Plenum CAT Bond Fund

I-Share Class I Capitalization | EUR | LI0227305906

The conservative among CAT bond funds since 2010. Balanced diversification and conservative tail risk management of reinsurance risks in an UCITS format.



## Investment Strategy

The Plenum CAT Bond Fund aims to achieve an attractive return over money market investments by investing in a globally diversified portfolio of CAT bonds. The investment focus is on the perils of wind and earthquakes in developed regions such as south-eastern US, Western Europe or Japan. The management approach of the fund aims to minimize the exposure to a single insurance event risk while achieving the target return profile for investors.

## Performance (Chart)



## Risk Figures

Expected Loss	2.00%
VAR (99%)	26.92%
VAR (99.5%)	30.95%
TVAR (99%)	31.55%
TVAR (99.5%)	34.09%
Risk Category	3
Discount Margin (Insurance risk compensation)	7.81%
Liquid Assets	3.93%

## ESG-Profile

Natural Catastrophes, Life & Health	99.44%
Meteorological Risk	71.13%
EU sustainability-related classification	Article 8
FNG-Label	1 Star

## Statistic

NAV	101.57
MTD	-0.16%
YTD	-3.77%
Last 12 Months	-3.77%
Last 36 Months	-1.16%
Total Return	1.57%
Total Return annualized	0.17%
Gross Yield (approx.)	9.94%
Volatility (36M)	2.90%
Sharpe Ratio	(0.67)
% Positive Months	62.04%
Best Month	1.68%
Worst Month	-4.01%
Max. Drawdown	-7.94%

## Market Comment

With 7 new CAT bonds totaling over \$1 billion in new risk capital being placed in the market, the primary market was very active in December. The risks covered by these bonds are mostly hurricane and earthquake in the USA and Canada. All of the newly issued bonds ended up pricing at the upper end of the initial price guidance or even higher, signaling a strong demand for bonds only at a significant premium increase as compared to the previous year. Only one CAT bond has not been placed due to an already strong presence of previous issuances of this particular cedent in the market. The size of the market reached \$36 billion at year end, a 5% increase as compared to the previous year and a new record. With more than 55 names traded on TRACE, the secondary market was very active mainly due to the strong pipeline of primary market issuances which allowed 1) a large choice of buy and sell opportunities for investors needing to rebalance their portfolios, 2) help shape prices for secondary trades. Overall, the market was slightly negative during the month due to a combination of selling pressure during the first half of the month, regained buying interest during the second half of the month as well as some favorable Ian loss reporting. The performance of the fund in USD was only slightly positive due to a combination of two factors, firstly some selling pressure in the market that pushes prices downward and secondly some positive Ian loss development, pushing prices upward. We also do not expect any negative impact from winter storm "Elliot" in the US, but the event is likely to lead to an increase in accumulated losses on aggregating CAT bonds. We are very cautious about investing in such positions. We are actively taking advantage of the new premium environment to de-risk the portfolio while securing the target performance of the fund.

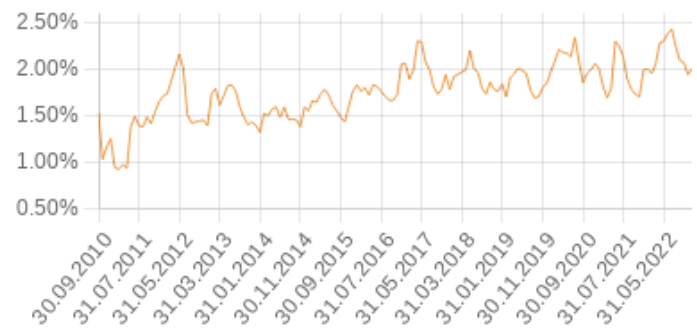
## Performance (Table)

	Jan	Feb	Mär	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	Jahr
2022	-0.09%	-0.03%	0.10%	-0.23%	-0.17%	-0.06%	-0.59%	0.56%	-4.01%	-0.31%	1.23%	-0.16%	-3.77%
2021	0.11%	-0.82%	0.65%	0.38%	0.12%	0.30%	0.30%	0.44%	-0.69%	-0.46%	0.15%	0.11%	0.60%
2020	0.49%	0.23%	-0.41%	-0.98%	0.15%	0.53%	0.89%	0.88%	0.99%	-0.20%	-0.35%	-0.11%	2.10%
2019	0.23%	-0.21%	-0.66%	-0.75%	-1.44%	0.39%	0.27%	-0.34%	1.68%	0.66%	-0.11%	-0.14%	-0.45%
2018	0.17%	-0.16%	-0.17%	-0.15%	0.18%	0.00%	0.15%	0.46%	0.53%	0.09%	-2.99%	-1.15%	-3.04%
2017	0.11%	0.07%	0.10%	0.02%	0.09%	0.26%	0.23%	0.29%	-1.89%	0.20%	-0.10%	-0.37%	-1.01%
2016	0.08%	0.07%	0.27%	0.20%	0.38%	0.13%	0.32%	0.35%	1.00%	0.05%	0.15%	-0.19%	2.83%
2015	0.19%	0.06%	-0.09%	-0.09%	0.10%	-0.04%	0.08%	0.38%	0.81%	0.38%	0.07%	-0.14%	1.72%
2014	0.00%	0.25%	0.39%	0.34%	-0.08%	-0.22%	-0.02%	0.42%	0.99%	0.76%	0.11%	-0.15%	2.82%

## In Focus

In focus 2022 CAT bond market review: After the market reached a record-breaking volume of \$35 billion at the end of 2021, the market reached an even higher volume at the end of 2022 with \$36 billion. During the year, 70 new CAT bond tranches were brought to the market, totaling around \$9.5 billion in new risk capital. Most of those CAT bonds were sponsored by returning cedents, however there were 4 new sponsors that entered the market in 2022, bringing an additional \$215mm in new risk capital: a Hong Kong based reinsurer, a Massachusetts-based insurance company, a Ohio-based specialty insurer and a California-based insurer. These new sponsors brought additional new risks to the market, in particular a diversifying northeastern hurricane risk and a Japan typhoon risk. An important fact of 2022 is the strong premium increase that we have observed during the December 2022 renewal period (post Ian). Such strong premium increase has not been observed since Hurricane Katrina in 2005. During this renewal, 17 new CAT bond tranches were brought to the market with premium increases ranging from 75% to 130% as compared to equivalent 2021 CAT bonds. Moreover, all of those 17 CAT bonds have had their issuance size increased as compared to the initially announced size. These facts signal very strong demand for CAT bonds from the market only at significant premium increases as compared to the previous year. We expect this new premium level to be maintained in 2023, especially in the forthcoming hurricane renewal of spring and early summer 2023.

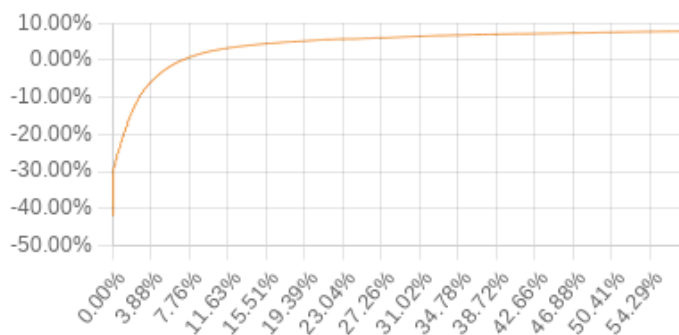
## Expected Loss (Track)



## Historical Events

Great San Francisco, 18 April 1906	12.91%
Great Miami, 11 September 1926	12.78%
Galveston, 27 August 1900	10.64%
Long Island Express, 10 September 1938	6.29%
Pinar del Rio, 12 October 1944	5.55%
Northridge, 17 January 1994	5.22%
New Madrid, 16 December 1811	2.46%
Lothar, 26 December 1999	1.80%
Great Kanto, 01 September 1923	1.50%
Katrina, 23 August 2005, Levees 2011	0.17%

## Aggregate Loss Exceedance Probability Curve



## Regions (Risk Coverage)

Peril	% EL
US SE Hurricane	36.31%
US NE Hurricane	14.11%
California Earthquake	12.93%
Europe Storm	8.43%
Japan Typhoon	3.99%
Caribbean Hurricane	3.68%
Japan Earthquake	3.37%
Europe Earthquake	2.63%
US Fire	2.43%
Pacific NW Earthquake	2.03%
US Severe Thunderstorm	1.30%
New Madrid Earthquake	1.13%
Global Infectious Disease	0.89%
Canada Earthquake	0.31%
US Winterstorm	0.27%
Others	6.20%

## Maturity

2023	22.62%
2024	32.96%
2025	28.18%
2026	14.56%
2027	0.99%
2028	0.42%
2029	0.00%

## Basic Data

Performance Target	MM + 300 bis 400 bps p.a.
Fund Domicile	Liechtenstein
Fund Structure	UCITS V
Distribution	AT/CH/DE/ES/FR/IT/LI/LU/NL/UK
Base Currency	USD
Assets under Management	USD 349mn
Assets in Strategy	USD 609mn
Appropriation of Income	accumulating
Fund Inception Date	1/27/2014
Financial Year	31/ Dec
Bewertungsintervall	weekly
Subscriptions/Redemptions (Cut-Off)	Friday (T) 4pm (MEZ)
NAV Publication (T + 1)	weekly
Settlement	T + 3
Daily Trading	Swiss Exchange (SIX)
Minimum Investment in share class currency	1mn
Management Fee	0.85%
Incentive Fee	none
TER (30.06.22)	1.10%
ISIN	LI0227305906
WKN	A1W95P
Valor	22730590
BB Ticker	PLECIEU LE

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