

# Plenum Insurance Capital Fund (P Class)

Managing high-yielding insurance risks more efficiently with "Tail-to-Tier"

#### Motivation

The attractive premiums of high-yielding reinsurance risks no longer have to be bought with high tail risks. With our "tail-to-tier" approach, we reduce concentration risks without having to accept a reduction in no-loss return.

#### Strategy

In order to achieve the return target of 4.5% p.a. in EUR, we make use of the strong complementarity of CAT bonds and insurance bonds. We pay attention to global diversification and benefit from premium differences between the two asset classes (cyclicity).

#### Performance Development (net of fees)



#### Performance and Commentary

The monthly performance of the fund was positive. Until mid-October, hurricane bonds were the main contributors to performance - insurance bonds suffered from inflation and interest rate fears. The Swiss Re CAT Bond Index generated +0.69% in performance over the same period.

#### Primary and secondary market

We sold hurricane positions on a larger scale based on our tail-to-tier approach. Price performance and coupon performance had generated an annualized return of approx. 10% during the 150-day holding period and thus the earnings potential of those positions was fully exploited. The price weakness of the insurance bonds was used to reinvest the generated cash promptly. Our active reduction of the duration in the insurance bond sub-portfolio in the previous month had provided us with sufficient flexibility to buy longer-dated bonds again on a moderate scale.

#### **Total Portfolio Statistics**

Net Asset Value	USD 204.3 Mio.
Investment Degree	92.15%
Number of Positions	94
10 Largest Positions	23.41%
Average Position Size	0.98%
Portfolio Yield (USD)	4.56%
Portfolio Yield (EUR)	3.81%
Portfolio Yield (CHF)	3.60%
Weighted Average Duration (Years)	1.66



In addition, two California wildfire bonds came to the market. Power Protective Re covers wildfires mainly in LA County and has a risk premium of 15%. SD Re covers wildfires in San Diego County and has a risk premium of 9.25% on the Class B. We are invested in both bonds as we believe that the risk is adequately compensated. We did not participate in Acorn Re, a California earthquake bond, due to the low vield.

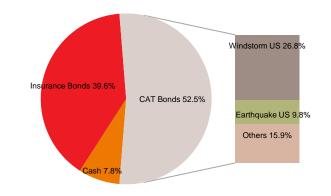
Life consolidator Rothesay came to market with two different rT1s. We participated in the 5% PerpNC 10 in GBP. Prudential plc called almost all grandfathered perps as expected - one of our largest convictions and positions - and the redemption will take place at the end of December. We also built up a small position in the 6% Esure (PerpNC5).

#### First review of the hurricane season

As explained in our webinars, the 2021 hurricane season was more loss-intensive than the previous year and also more active than average in terms of the number of storms or in terms of Accumulated Cylone Energy. 2021 so far saw 20 named storms with 4 strong hurricanes of which only Ida made landfall and caused an insured loss of approximately USD 35 billion. It is interesting to note that due to its proximity to New Orleans, Ida caused greater damage than the totality of the previous year's storms Laura, Sally, Delta and Zeta, which also made landfall in Louisiana. At least two CAT bonds should suffer a total loss, this fund is not invested in the affected positions.

#### Outlook

We expect CAT bond premiums to rise by around 10% in 2022 aggregate structures in particular should see even higher premium increases. We expect new insurance bond issues to flatten out by the end of the year and a further shift from large to medium-sized and smaller insurers. However, the total volume of new issues in 2021 will probably remain below the level of 2020.

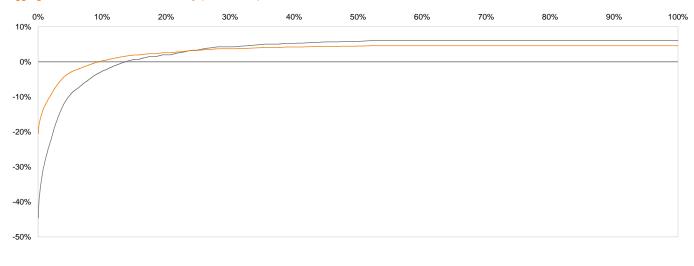


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Monthly	Performan	ce <sup>*</sup>											
CHF	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
2020										-0.36%	1.45%	0.73%	1.82%
2021	0.30%	-0.06%	1.09%	0.82%	0.35%	0.51%	0.69%	0.53%	0.46%	0.10%			4.89%
USD 2021	Jan	Feb	Mar	Apr	Мау	Jun	Jul 0.14%	Aug 0.61%	Sep 0.57%	Oct 0.16%	Nov	Dec	Year 1.48%
EUR	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
2020				·				Ū	·	-0.39%	1.48%	0.74%	1.83%
2021	0.34%	-0.05%	1.09%	0.86%	0.36%	0.52%	0.71%	0.56%	0.47%	0.14%			5.11%

Subportfolio CAT Bonds			Portfolio Statistics				
			Peril	Allocation <sup>+</sup>	EL Contrib.	# Bonds	
CAT Bond Segment Portfolio Statisti	cs(USD)		Natural Cat. Exposure	100.0%	N/A	N/A	
Portfolio Share		52.5%	Meteorological Risk	71.5%	N/A	N/A	
Number of Positions		68	Windstorm Florida	26.4%	0.86%	42	
Average Position Size		0.77%	Earthquake California	25.1%	0.50%	38	
Number of Sponsors		40	Windstorm Texas	25.6%	0.23%	39	
Collateral Return		0.30%	Windstorm Southeast US	25.6%	0.17%	39	
No Loss Return		5.72%	Windstorm Caribbean	12.2%	0.17%	23	
Average Expected Loss		2.78%	Windstorm Northeast US	25.4%	0.13%	39	
Average Price		100.98	Windstorm Gulf of Mexico	25.8%	0.11%	40	
Average Time to Maturity		2.4	Windstorm Mid Atlantic	25.8%	0.09%	40	
Modified Duration (Years)		-	Windstorm Europe	2.4%	0.08%	40	
			Earthquake Japan	2.0%	0.05%	1	
VAR (99%)		32.98%	Earthquake Mexico	0.7%	0.04%	2	
VAR (99.5%)		37.75%	Earthquake Pacific NW	18.5%	0.04%	33	
TVAR (99%)		38.47%	Sonstige	N/A	0.22%	N/A	
TVAR (99.5%)		41.84%	Total	N/A	2.78%	68	
Top 5 CAT Bond Positions			Historical Event Analysis (Po	ortfolio Loss)*			
Name	% NAV	DM*** Peril	Great Miami, 11 September	1926		25.2%	
SANDERS RE II LTD 2021-1 A	2.49%	3.17% US MP	Great San Francisco, 18 Apr	17.5%			
IBRD CAR 130 (Jamaica NS)	2.25%	3.64% CARIB TC	Long Island Express, 10 Sep	10.4%			
URSA RE II 2021-1 F	2.02%	5.42% US EQ	Great Kanto, 01 September	3.8%			
CAPE LOOKOUT RE LTD 2021-1	OOKOUT RE LTD 2021-1 1.99% 2.86% C / US ST			Andrew, 16 August 1992			
NAKAMA RE LTD 2021-1 Class 2	1.97%	2.75% JP EQ	Lothar, 26 December 1999			2.7%	
			New Madrid, 16 December 1	811		1.6%	

## Aggregate Loss Exceedance Probability (AEP-Curve)\*



------ CAT Bond Portfolio Segment

- Total Portfolio

### Subportfolio Insurance Bonds

CH-8027 Zürich

Insurance Bond Segment	Portfolio Statisti	cs (USD)		Allocation by Domicile Allocation by Type of Bond				
Portfolio Share	00 (002)	39.6%	Benelux	6%				
Number of Positions			26	UK	41%			
Average Position Size			1.5%	Germany	6%			
Number of Issuers			21	France	15%			
YteC*			3.5%	Italy	13%	5		
Average Price			105.90	Other	19%	3		
Modified Duration (Years)			4.2	Other			/0	
Coverage Ratio / MSCI E			97% / AA					
	e e rialing		01707701					
Top 5 Issuers				Allocation by S				
Name	% NAV	SCR**	Domicile	Reinsurance	22%			
Prudential	3.46%	343%	Hong Kong	Life 30				
Lancashire	2.94%	220%	Bermuda	Non-Life	12%			
Unipol	2.83%	312%	Italy	Composite	37%	0		
Allianz	2.56%	207%	Germany					
Scor	2.17%	220%	France					
Top 5 Insurance Bond Po	sitions							
Security		% NAV	Bond Rating	Duration	YteC*	Classificatio	n	
LRELN 5 5/8 09/18/41		2.94%	BB+	7.3	4.5%	Other Capital		
USIMIT 6 3/8 PERP		2.83%	B+	6.7	4.3%	Solvency II - T1		
PRUFIN 4 3/8 PERP		2.47%	BBB+	0.2	1.8%	Solvency I - T1		
SCOR 5 1/4 PERP		2.17%	A-	6.1	4.5%	Solvency II - T1		
BRELN 3.6757 12/09/30		2.10%	NR	7.3	4.1%	Solvency I - T2		
Performance	EUR	CHF	USD	Fund Terms				
NAV	106.88	106.69	101.32	Performance T	arget	4-4.5% in EUR p.	a.	
MTD	0.47%	0.46%	0.57%	Fund Domicile		Liechtenstein		
YTD	4.96%	4.78%	N/A	Fund Structure	9	UCITS V		
Last 12 months				Distribution		AT/CH/DE/	LI	
Last 36 months				Base Currency	/	US	D	
Since Inception	6.88%	6.69%	N/A	Assets in Strat	egy	USD 204.3 Mio.		
Annual. since Inception				Appropriation of	of Income	accumulating		
Volatility (36M)				Fund Inception	n Date	29 May 202	20	
Sharpe Ratio				Financial Year		31 December	er	
% Positive months	83.33%	83.33%	N/A	Valuation frequency		Weekly		
Best/Worst Month	1.48%/-0.39%	1.45%/-0.36%	N/A	Order Cut-Off Subscriptions		3 Days prior to Valuation Day		
				Order Cut-Off	Redemptions	10 Days prior to Valuation Da	ay	
Identifiers	EUR	CHF	USD	NAV Publication		Week		
ISIN	LI0542471110	LI0542471128	LI0542471102	Minimum Investment		20'000'000 (USD/EUR/CHF)		
Bloomberg	PLEICPE	PLEICPC	PLICPUD	Management Fee		0.55%		
SIX	54247111	54247112	54247110	Performance F		none		
WKN	A2P48K	A2QJF2	A3CT7H	Risk Category	***		3	
				TER (30.06.20		0.80	%	
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