

# FUND RISK MANAGEMENT

## Monthly Report

May 2021

<b>Umbrella</b>	Planetarium Fund	<b>Net Asset Value</b>	13,701,927.47
<b>Sub-fund</b>	Anthilia Silver	<b>Currency</b>	EUR
<b>Portfolio date</b>	31/05/2021		

### FUND ID

<b>Fund name</b>	Planetarium Fund
<b>Sub-fund name</b>	Anthilia Silver
<b>ISIN</b>	LU1377525222
<b>Currency</b>	EUR
<b>Benchmark</b>	-
<b>FUND RISK PROFILE</b>	Medium

<b>TNA end of period</b>	13,701,927.47	<b>NAV end of period</b>	118.66
<b>TNA start of period</b>	12,029,101.43	<b>NAV start of period</b>	115.95
<b>TNA Variation</b>	13.91%	<b>NAV Variation</b>	2.34%
<b>Subscriptions</b>	1,369,761.50		
<b>Redemptions</b>	8,353.90		

### RISK MANAGEMENT COMMENTS

**Stale price overview**  
No stale price.

**Operational risk**  
No material NAV error occurred during the period.  
No massive redemption occurred during the period.

**Risk Metrics: Scorecard reporting 4Cs (based on NAV date)**



**Investment Compliance dashboard**  
There are no breaches to display.

**Investment Compliance specific**  
NA

**Total Expense Ratio - Internal limit 3%**  
As of 30/04/2021 (May not yet available):  
Without transaction fees and performance fees (if applicable) :  
Class A : 2.6%

Please note that TER is above the internal limit of 2.25%

**Portfolio Turnover**  
As of 30/04/2021 (May not yet available): 519%

Please note that PTR displayed is calculated on an annual basis as specified in the CSSF circular 03/122.

**VaR - Leverage**  
VaR under the internal limit of 16% (internal threshold 80% of VaR limit set in the prospectus)  
No back testing violation occurred during the month under review.  
No violation occurred over the period (over the last 250 data points).

**Liquidity Risk**  
No issue to report.

### Investment Manager comments

FUND RISK MANAGEMENT  
Monthly Report



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Umbrella Planetarium Fund Net Asset Value 13,701,927.47  
Sub-fund Anthilia Silver Currency EUR  
Portfolio date 31/05/2021

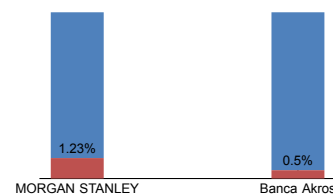
Regulatory main limit checks

Check result	Indicator
Issuer Exposure < 10% NAV 4.20%	
OECD Govt Bond Exposure < 35% NAV 9.66%	
5/40 Rule NA	
Borrowing limit < 10% NAV 0.00%	

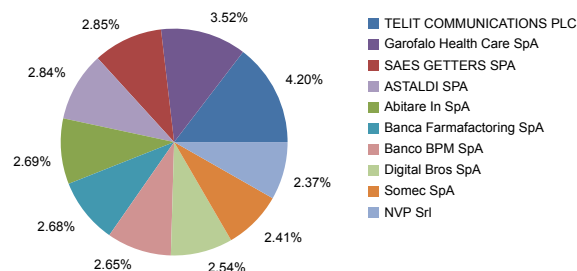
Check result	Indicator
Cash Counterparty Exposure < 20% NAV 7.10%	
OTC Counterparty Exposure 1.23%	
Aggregated Group Exposure 7.10%	
Cover Rule (liquid assets vs. needs) 24.05%	

OTC Counterparty Risk top 5 contributors

Counterparty	Exposure in Fund Currency	% NAV	Regulatory limit
MORGAN STANLEY	170,423.86	1.23%	10%
Banca Akros	68,677.28	0.50%	10%



Concentration risk by corporate issuer - Top 10



Concentration Risk	MEUR	% NAV
TELIT COMMUNICATIONS PLC	0.57	4.20%
Garofalo Health Care SpA	0.48	3.52%
SAES GETTERS SPA	0.39	2.85%
ASTALDI SPA	0.39	2.84%
Abitare In SpA	0.37	2.69%
Banca Farmafactoring SpA	0.37	2.68%
Banco BPM SpA	0.36	2.65%
Digital Bros SpA	0.35	2.54%
Somec SpA	0.33	2.41%
NVP Srl	0.32	2.37%

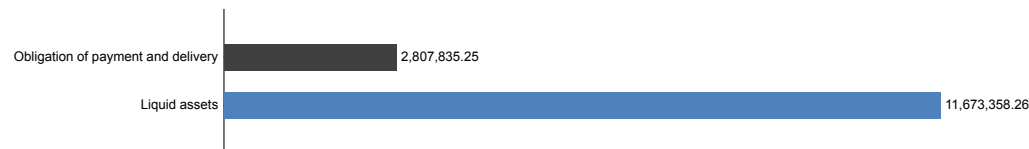
Concentration by Group 20% - Top 10

Group Name	Instrument type	Exposure value	% NAV
BNP Paribas Securities Service	CASH	972,905.56	7.10%
TELIT COMMUNICATIONS PLC	Multiple	642,298.76	4.69%
Garofalo Health Care SpA	EQUITY	482,516.54	3.52%
SAES GETTERS SPA	EQUITY	389,900.00	2.84%
ASTALDI SPA	EQUITY	388,585.00	2.84%
Abitare In SpA	EQUITY	368,668.00	2.69%
Banca Farmafactoring SpA	Multiple	366,644.76	2.67%
Banco BPM SpA	EQUITY	363,250.00	2.65%
Digital Bros SpA	EQUITY	348,312.00	2.54%
Somec SpA	EQUITY	330,766.80	2.41%

Top 5 contributors to Cover Rule

Top 5 contributors to Cover Rule

Instrument code	Instrument Name	Instrument type	Negative exposure	% NAV
IT0010101621	FTSE/MIB IDX FUT EQUITY INDEX	Future on index	-764,136.90	5.58%
DE000C360QK1	EURO STOXX 50 PR 18/06/2021	Future on index	-408,854.00	2.98%
SX5E 09/17/21 P3400 INDEX	PUT EURO STOXX 50 - OPTION 17/	Option on index	-116,523.39	0.85%
FR0000120628	AXA 29/09/2055	CFD	-113,850.00	0.83%
FTSEMIB 06/18/21 P22500 INDEX	PUT FTSEMIB INDEX - FTSE / MIB	Option on index	-91,696.43	0.67%



ALERT COLORS: No Breach Warning > 80 % from regulatory limit Breach

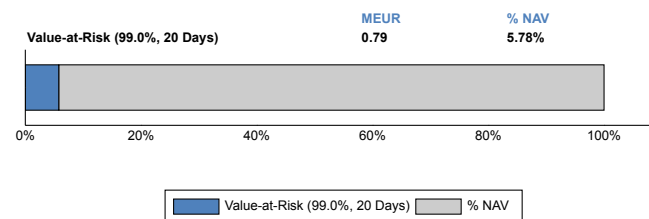
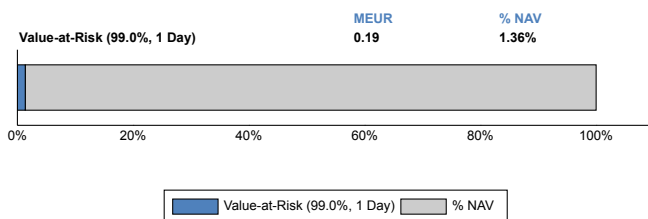
FUND RISK MANAGEMENT  
Monthly Report

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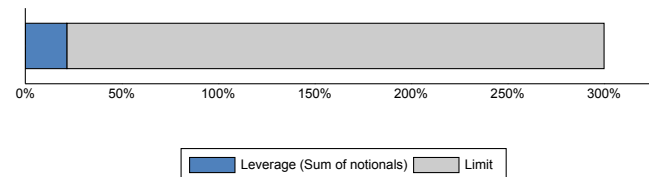
Umbrella Planetarium Fund Net Asset Value 13,701,927.47  
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VaR Summary



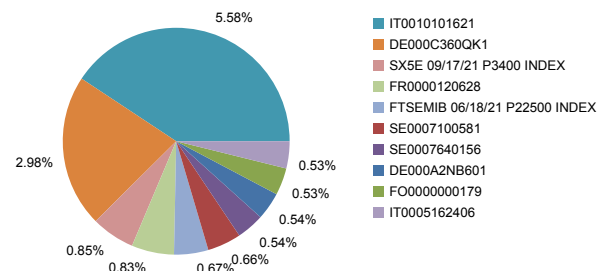
Leverage

Leverage (Sum of notionals) MEUR 2.95 % NAV 21.52% Limit 300.00%

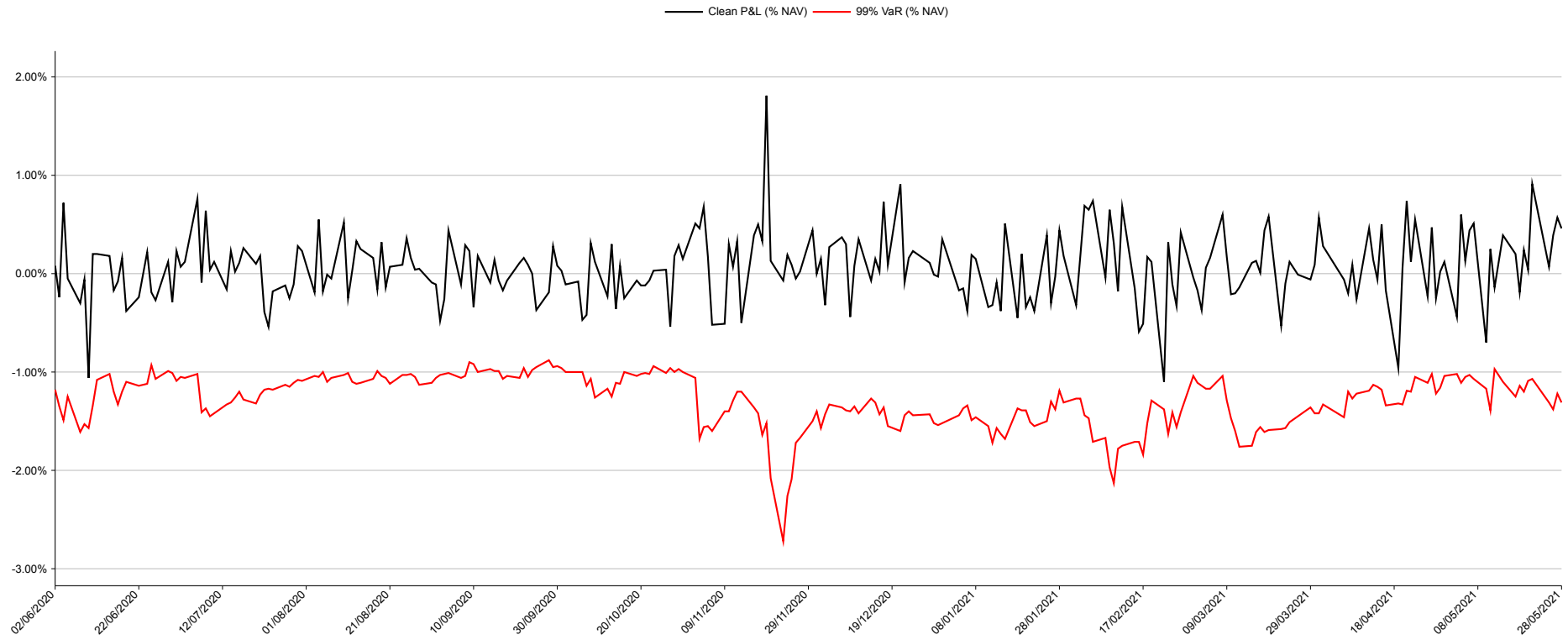


Top 10 commitment contributors

Instrument code	Name	Instrument type	Absolute value	% NAV
IT0010101621	FTSE/MIB IDX FUT EQUITY INDEX	Future on index	764,136.90	5.58%
DE000C360QK1	EURO STOXX 50 PR 18/06/2021	Future on index	408,854.00	2.98%
SX5E 09/17/21 P3400 INDEX	PUT EURO STOXX 50 - OPTION 17/	Option on index	116,523.39	0.85%
FR0000120628	AXA 29/09/2055	CFD	113,850.00	0.83%
FTSEMIB 06/18/21 P22500 INDEX	PUT FTSEMIB INDEX - FTSE / MIB	Option on index	91,696.43	0.67%
SE0007100581	ASSA ABLOY SHS B 02/06/2060	CFD	90,027.26	0.66%
SE0007640156	SCANDIC HOTELS GROUP AB 13/04/	CFD	73,531.15	0.54%
DE000A2NB601	JENOPTIK AG 11/01/2064	CFD	73,500.00	0.54%
FO0000000179	BAKKAFFROST P/F 17/12/2058	CFD	72,826.33	0.53%
IT0005162406	TECHNOGYM SPA 11/01/2062	CFD	72,590.00	0.53%



Backtesting VaR



Outlier List :

Market Data Date	Clean P&L (% NAV)	99% VaR (% NAV)
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FUND RISK MANAGEMENT  
Monthly Report

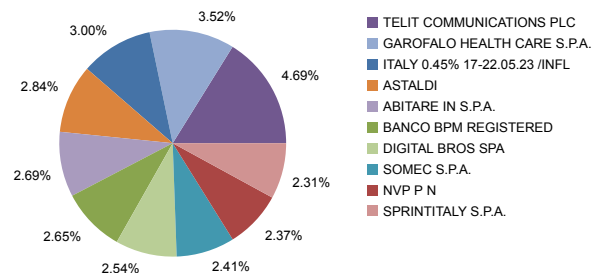
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Umbrella Planetarium Fund Net Asset Value 13,701,927.47  
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Top 10 fund holdings (w/o cash & FDI)

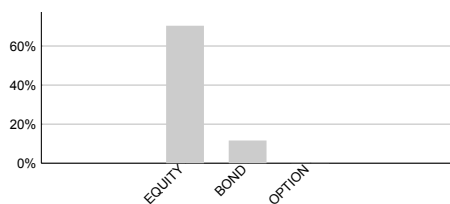
Top 10 holdings	Asset type	ISIN	% NAV
TELIT COMMUNICATIONS PLC	Common stock	GB00B06GM726	4.69%
GAROFALO HEALTH CARE S.P.A.	Common stock	IT0005345233	3.52%
ITALY 0.45% 17-22.05.23 /INFL	Government bond	IT0005253676	3.00%
ASTALDI	Common stock	IT0003261069	2.84%
ABITARE IN S.P.A.	Common stock	IT0005338493	2.69%
BANCO BPM REGISTERED	Common stock	IT0005218380	2.65%
DIGITAL BROS SPA	Common stock	IT0001469995	2.54%
SOMECC S.P.A.	Common stock	IT0005329815	2.41%
NVP P N	Common stock	IT0005390783	2.37%
SPRINTITALY S.P.A.	Common stock	IT0005372344	2.31%



Asset allocation: Asset Type, Risk Country & Industrial Sector (Bloomberg BICS)\*

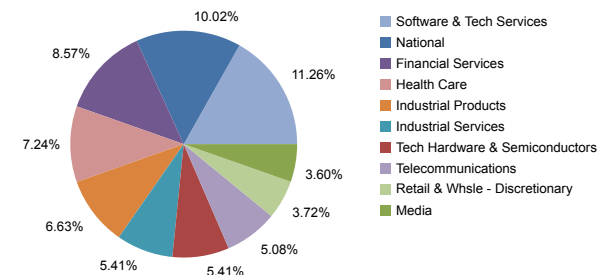
\*w/o cash & FDI

Allocation per Asset type	% NAV
EQUITY	70.38%
BOND	11.63%
OPTION	0.05%



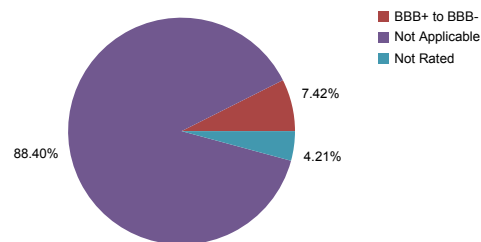
Allocation per Risk Country - Top 10	% NAV
Italy	62.70%
United Kingdom	5.01%
France	3.82%
Spain	3.26%
Netherlands	2.14%
Switzerland	1.86%
Germany	1.79%
Canada	1.12%
China	0.34%

Allocation per Sector - Top 10	% NAV
Software & Tech Services	11.26%
National	10.02%
Financial Services	8.57%
Health Care	7.24%
Industrial Products	6.63%
Industrial Services	5.41%
Tech Hardware & Semiconductor	5.41%
Telecommunications	5.08%
Retail & Whsle - Discretionar	3.72%
Media	3.60%



Credit risk: Rating & Duration distribution

Ratings Distribution	Total Market Value	% NAV
AAA	0.00	0.00%
AA+ to AA-	0.00	0.00%
A+ to A-	0.00	0.00%
BBB+ to BBB-	1,016,676.82	7.42%
BB+ and minus	0.00	0.00%
Not Rated	576,847.17	4.21%
Not Applicable	12,111,959.08	88.40%



LAM Credit score *	Total Market Value	% NAV
IG1	0.00	0.00%
IG2 to IG4	0.00	0.00%
IG5 to IG7	909,917.20	6.64%
IG8 to IG10	315,656.88	2.30%
HY1 to HY3	0.00	0.00%
HY4 to HY6	356,858.91	2.60%
DS1 or minus	11,091.00	0.08%
Not rated	0.00	0.00%
Not Applicable	12,111,959.08	88.40%

Durations distribution	Total Market Value	% NAV
0	0.00	0.00%
0 to 1	1,130,119.45	8.25%
1 to 3	334,531.11	2.44%
3 to 5	117,782.43	0.86%
5 to 7	0.00	0.00%
7 to 10	11,091.00	0.08%
above 10	0.00	0.00%
Not Applicable	12,111,959.08	88.40%

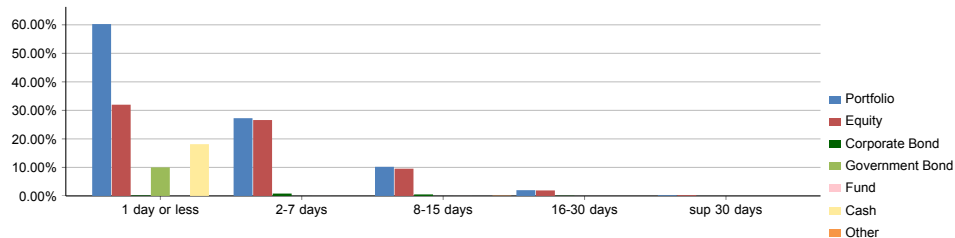
\*Independent credit scoring ran by Lemanik Asset Management

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# Baseline Scenario

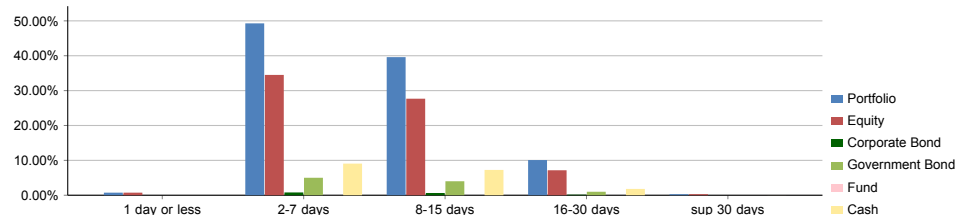
## PORTFOLIO LIQUIDITY PROFILE - ASSET SIDE - WATERFALL

Available Resources (%NAV)	1 day or less	2-7 days	8-15 days	16-30 days	sup 30 days
<b>Portfolio</b>	60.26%	27.26%	10.21%	2.02%	0.26%
<b>Equity</b>	31.99%	26.61%	9.56%	1.93%	0.28%
<b>Corporate Bond</b>	0.17%	0.83%	0.53%	0.08%	0.00%
<b>Government Bond</b>	10.02%	0.00%	0.00%	0.00%	0.00%
<b>Fund</b>	0.00%	0.01%	0.01%	0.00%	0.00%
<b>Cash</b>	18.15%	0.00%	0.00%	0.00%	0.00%
<b>Other</b>	-0.08%	-0.19%	0.12%	0.00%	-0.03%

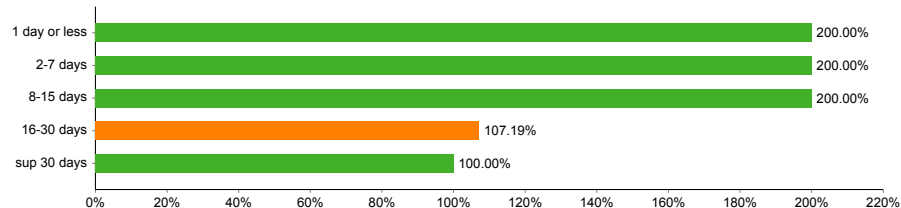


## PORTFOLIO LIQUIDITY PROFILE - ASSET SIDE - SLICING

Available Resources (%NAV)	1 day or less	2-7 days	8-15 days	16-30 days	sup 30 days
<b>Portfolio</b>	0.74%	49.28%	39.60%	10.09%	0.30%
<b>Equity</b>	0.74%	34.50%	27.68%	7.16%	0.31%
<b>Corporate Bond</b>	0.00%	0.80%	0.64%	0.16%	0.00%
<b>Government Bond</b>	0.00%	5.01%	4.01%	1.00%	0.00%
<b>Fund</b>	0.00%	0.01%	0.00%	0.00%	0.00%
<b>Cash</b>	0.00%	9.07%	7.26%	1.81%	0.01%
<b>Other</b>	0.00%	-0.11%	0.00%	-0.03%	-0.03%

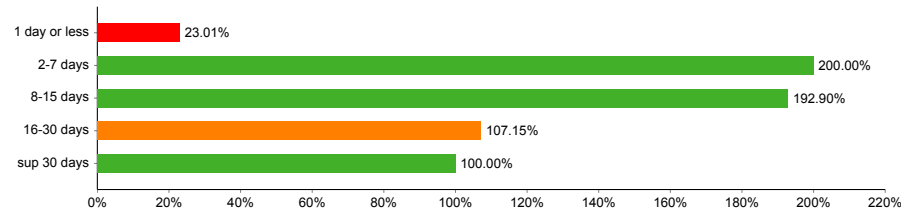


## REDEMPTION COVERAGE RATIO - WATERFALL



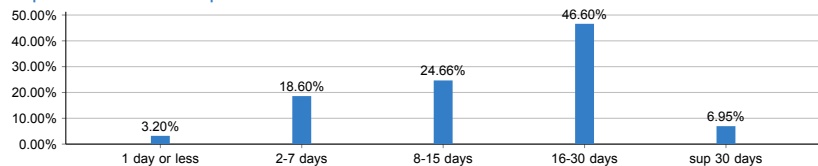
\*Values are capped to 200% for graphical representation purposes

## REDEMPTION COVERAGE RATIO - SLICING



## LIABILITY LIQUIDITY PROFILE - NET

### Expected Net Redemptions

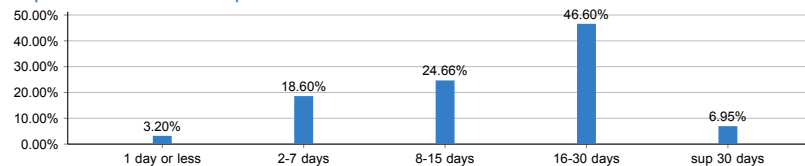


### Net Redemptions

Liquidity Metrics	Aggregate	Mixed
Max 1 days over 5 year(s)	35.51%	0.00%
Max 7 days over 5 year(s)	79.31%	0.00%
Max 30 days over 5 year(s)	89.48%	0.00%
Prob of exceeding 5 percent	1.04%	0.00%
Prob of exceeding 10 percent	0.88%	0.00%
Prob of exceeding 20 percent	0.32%	0.00%
Prob of exceeding 50 percent	0.00%	0.00%

## LIABILITY LIQUIDITY PROFILE - GROSS

### Expected Gross Redemptions



### Gross Redemptions

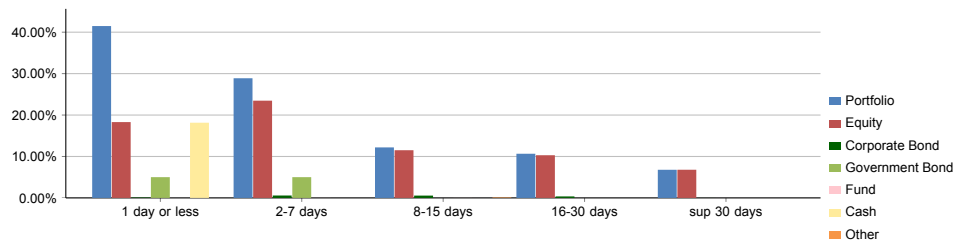
Liquidity Metrics	Aggregate	Mixed
Max 1 days over 5 year(s)	35.51%	0.00%
Max 7 days over 5 year(s)	79.31%	0.00%
Max 30 days over 5 year(s)	89.48%	0.00%
Prob of exceeding 5 percent	1.04%	0.00%
Prob of exceeding 10 percent	0.88%	0.00%
Prob of exceeding 20 percent	0.32%	0.00%
Prob of exceeding 50 percent	0.00%	0.00%

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# COVID 19 Scenario (28th of February 2020 - 25th March 2020)

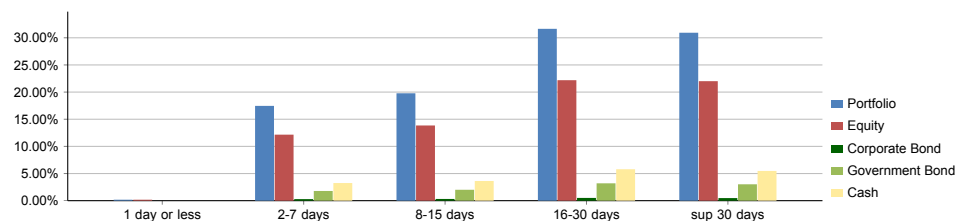
## PORTFOLIO LIQUIDITY PROFILE - ASSET SIDE - WATERFALL

Available Resources (%NAV)	1 day or less	2-7 days	8-15 days	16-30 days	sup 30 days
<b>Portfolio</b>	41.48%	28.88%	12.19%	10.66%	6.79%
<b>Equity</b>	18.30%	23.47%	11.51%	10.30%	6.80%
<b>Corporate Bond</b>	0.10%	0.58%	0.56%	0.36%	0.01%
<b>Government Bond</b>	5.01%	5.01%	0.00%	0.00%	0.00%
<b>Fund</b>	0.00%	0.01%	0.01%	0.00%	0.00%
<b>Cash</b>	18.15%	0.00%	0.00%	0.00%	0.00%
<b>Other</b>	-0.08%	-0.19%	0.12%	0.00%	-0.03%

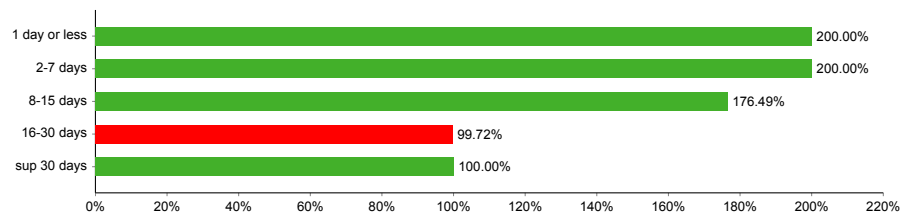


## PORTFOLIO LIQUIDITY PROFILE - ASSET SIDE - SLICING

Available Resources (%NAV)	1 day or less	2-7 days	8-15 days	16-30 days	sup 30 days
<b>Portfolio</b>	0.18%	17.46%	19.78%	31.65%	30.93%
<b>Equity</b>	0.18%	12.16%	13.85%	22.19%	22.01%
<b>Corporate Bond</b>	0.00%	0.29%	0.32%	0.51%	0.48%
<b>Government Bond</b>	0.00%	1.79%	2.01%	3.20%	3.02%
<b>Fund</b>	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Cash</b>	0.00%	3.25%	3.63%	5.79%	5.48%
<b>Other</b>	0.00%	-0.03%	-0.03%	-0.05%	-0.07%

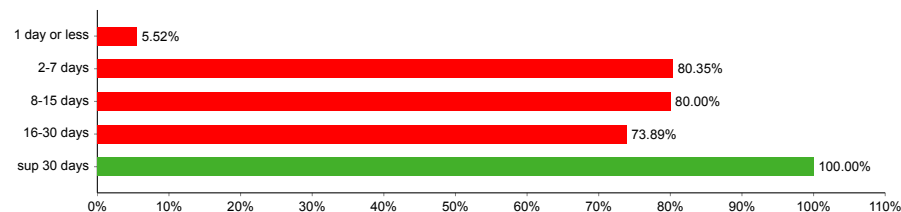


## REDEMPTION COVERAGE RATIO - WATERFALL



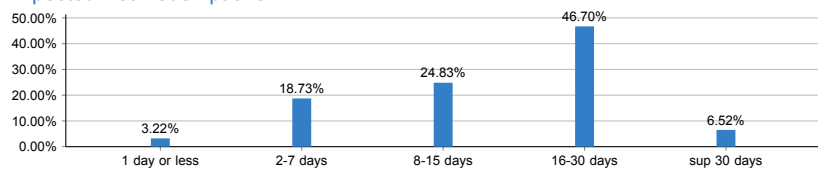
\*Values are capped to 200% for graphical representation purposes

## REDEMPTION COVERAGE RATIO - SLICING



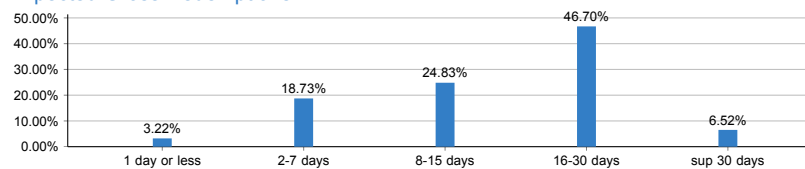
## LIABILITY LIQUIDITY PROFILE - NET

### Expected Net Redemptions



## LIABILITY LIQUIDITY PROFILE - GROSS

### Expected Gross Redemptions

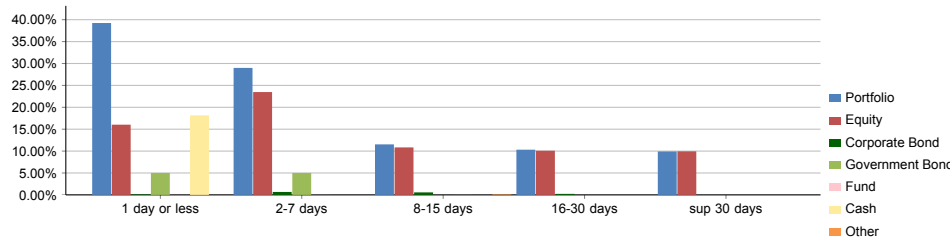


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# Lehman Crisis Scenario (12th September 2008 - 29th September 2008)

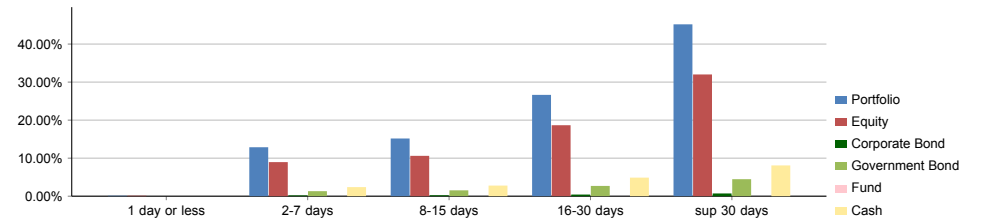
## PORTFOLIO LIQUIDITY PROFILE - ASSET SIDE - WATERFALL

Available Resources (%NAV)	1 day or less	2-7 days	8-15 days	16-30 days	sup 30 days
<b>Portfolio</b>	39.24%	28.99%	11.53%	10.32%	9.92%
<b>Equity</b>	16.03%	23.48%	10.84%	10.09%	9.95%
<b>Corporate Bond</b>	0.13%	0.67%	0.57%	0.23%	0.00%
<b>Government Bond</b>	5.01%	5.01%	0.00%	0.00%	0.00%
<b>Fund</b>	0.00%	0.01%	0.01%	0.00%	0.00%
<b>Cash</b>	18.15%	0.00%	0.00%	0.00%	0.00%
<b>Other</b>	-0.08%	-0.19%	0.12%	0.00%	-0.03%

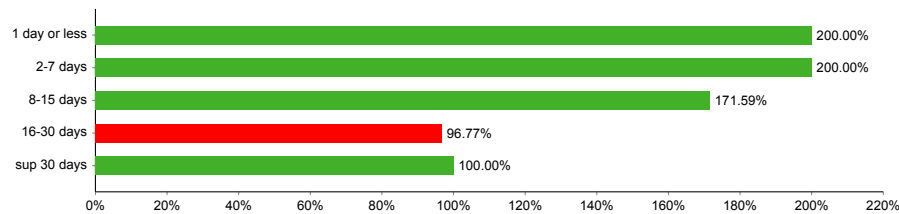


## PORTFOLIO LIQUIDITY PROFILE - ASSET SIDE - SLICING

Available Resources (%NAV)	1 day or less	2-7 days	8-15 days	16-30 days	sup 30 days
<b>Portfolio</b>	0.13%	12.87%	15.17%	26.64%	45.19%
<b>Equity</b>	0.13%	8.96%	10.61%	18.66%	32.01%
<b>Corporate Bond</b>	0.00%	0.21%	0.25%	0.43%	0.72%
<b>Government Bond</b>	0.00%	1.32%	1.54%	2.70%	4.47%
<b>Fund</b>	0.00%	0.00%	0.00%	0.00%	0.01%
<b>Cash</b>	0.00%	2.39%	2.79%	4.88%	8.09%
<b>Other</b>	0.00%	-0.02%	-0.02%	-0.04%	-0.09%

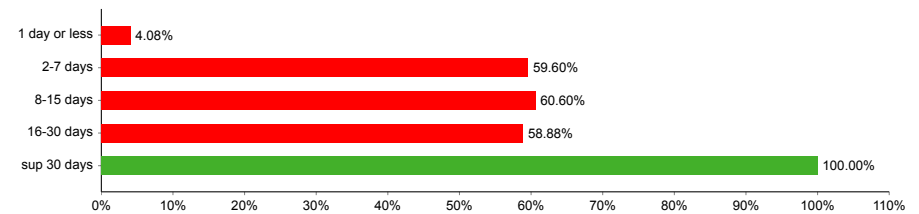


## REDEMPTION COVERAGE RATIO - WATERFALL



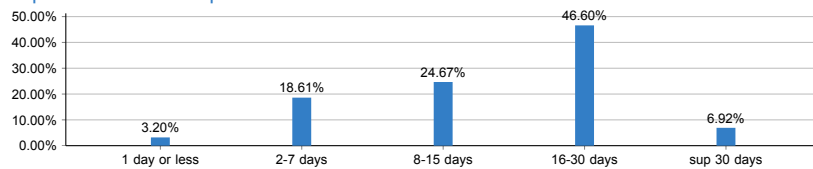
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## REDEMPTION COVERAGE RATIO - SLICING



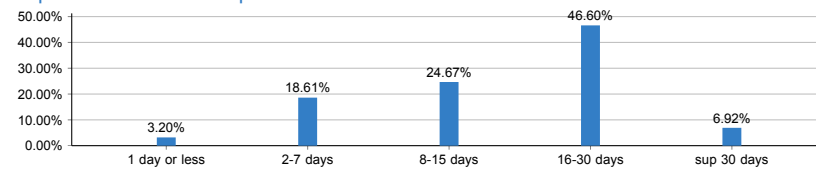
## LIABILITY LIQUIDITY PROFILE - NET

### Expected Net Redemptions



## LIABILITY LIQUIDITY PROFILE - GROSS

### Expected Gross Redemptions



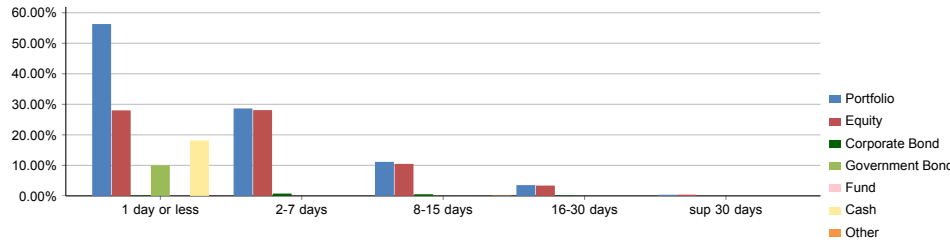


May 2021

# Bid-Ask spread increase 150%

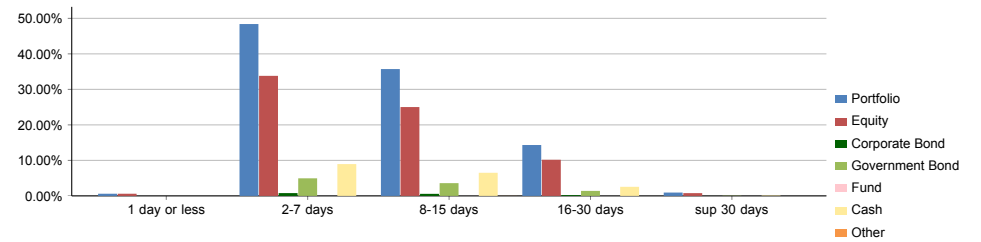
## PORTFOLIO LIQUIDITY PROFILE - ASSET SIDE - WATERFALL

Available Resources (%NAV)	1 day or less	2-7 days	8-15 days	16-30 days	sup 30 days
<b>Portfolio</b>	56.30%	28.64%	11.15%	3.53%	0.37%
<b>Equity</b>	28.02%	28.10%	10.49%	3.38%	0.40%
<b>Corporate Bond</b>	0.15%	0.76%	0.54%	0.15%	0.00%
<b>Government Bond</b>	10.02%	0.00%	0.00%	0.00%	0.00%
<b>Fund</b>	0.00%	0.00%	0.01%	0.00%	0.00%
<b>Cash</b>	18.15%	0.00%	0.00%	0.00%	0.00%
<b>Other</b>	-0.04%	-0.22%	0.12%	0.00%	-0.03%

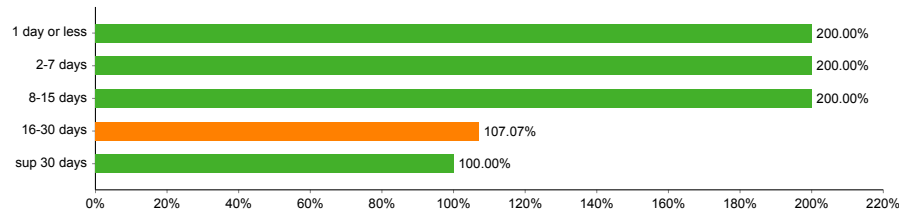


## PORTFOLIO LIQUIDITY PROFILE - ASSET SIDE - SLICING

Available Resources (%NAV)	1 day or less	2-7 days	8-15 days	16-30 days	sup 30 days
<b>Portfolio</b>	0.61%	48.40%	35.72%	14.33%	0.94%
<b>Equity</b>	0.61%	33.81%	25.02%	10.18%	0.78%
<b>Corporate Bond</b>	0.00%	0.79%	0.58%	0.23%	0.01%
<b>Government Bond</b>	0.00%	4.95%	3.59%	1.41%	0.07%
<b>Fund</b>	0.00%	0.00%	0.01%	0.00%	0.00%
<b>Cash</b>	0.00%	8.96%	6.51%	2.56%	0.12%
<b>Other</b>	0.00%	-0.12%	0.02%	-0.05%	-0.03%

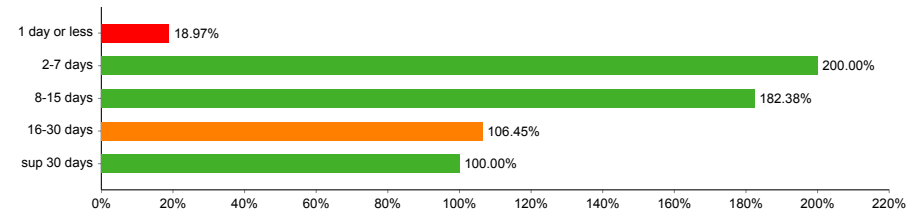


## REDEMPTION COVERAGE RATIO - WATERFALL



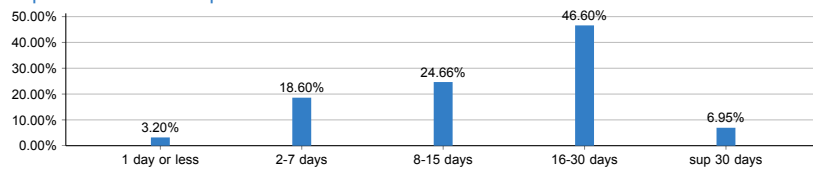
\*Values are capped to 200% for graphical representation purposes

## REDEMPTION COVERAGE RATIO - SLICING



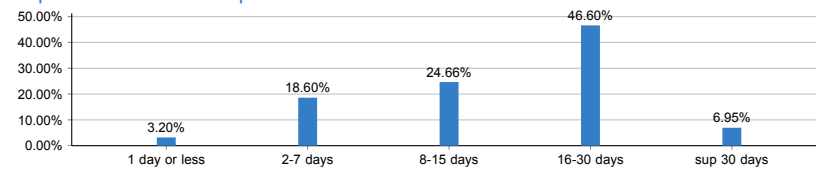
## LIABILITY LIQUIDITY PROFILE - NET

### Expected Net Redemptions



## LIABILITY LIQUIDITY PROFILE - GROSS

### Expected Gross Redemptions

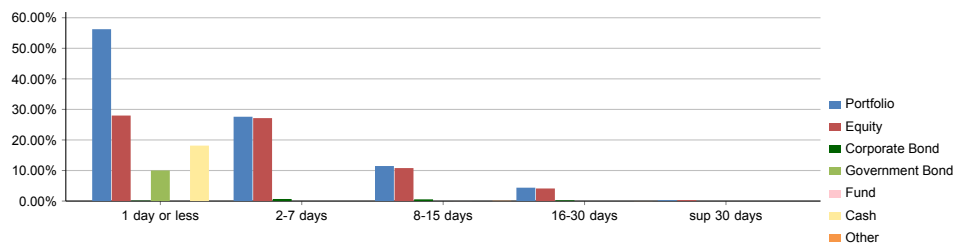


May 2021

# Volume Decrease 50% Scenario

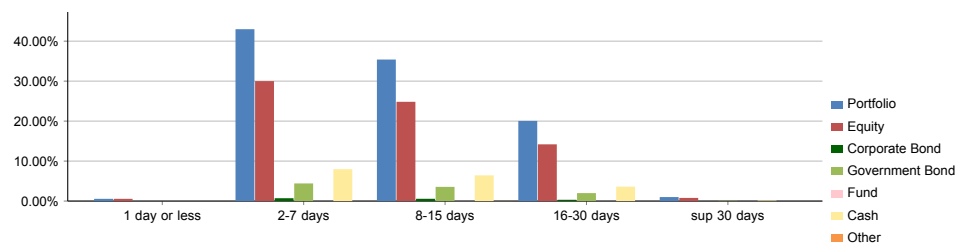
## PORTFOLIO LIQUIDITY PROFILE - ASSET SIDE - WATERFALL

Available Resources (%NAV)	1 day or less	2-7 days	8-15 days	16-30 days	sup 30 days
<b>Portfolio</b>	56.25%	27.60%	11.47%	4.38%	0.30%
<b>Equity</b>	27.99%	27.15%	10.80%	4.12%	0.32%
<b>Corporate Bond</b>	0.13%	0.68%	0.56%	0.24%	0.00%
<b>Government Bond</b>	10.02%	0.00%	0.00%	0.00%	0.00%
<b>Fund</b>	0.00%	0.00%	0.01%	0.00%	0.00%
<b>Cash</b>	18.15%	0.00%	0.00%	0.00%	0.00%
<b>Other</b>	-0.04%	-0.23%	0.10%	0.02%	-0.03%

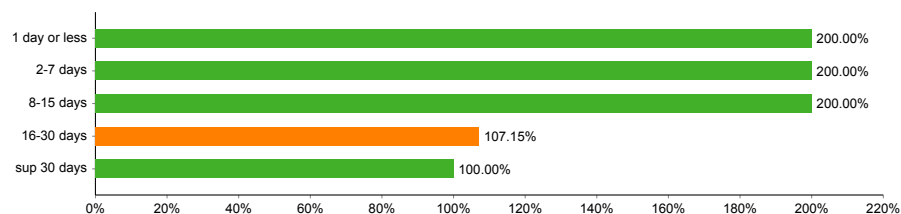


## PORTFOLIO LIQUIDITY PROFILE - ASSET SIDE - SLICING

Available Resources (%NAV)	1 day or less	2-7 days	8-15 days	16-30 days	sup 30 days
<b>Portfolio</b>	0.56%	42.99%	35.40%	20.05%	1.00%
<b>Equity</b>	0.56%	30.01%	24.83%	14.19%	0.79%
<b>Corporate Bond</b>	0.00%	0.71%	0.57%	0.32%	0.01%
<b>Government Bond</b>	0.00%	4.41%	3.55%	1.99%	0.08%
<b>Fund</b>	0.00%	0.00%	0.01%	0.00%	0.00%
<b>Cash</b>	0.00%	7.98%	6.43%	3.60%	0.14%
<b>Other</b>	0.00%	-0.11%	0.02%	-0.05%	-0.03%

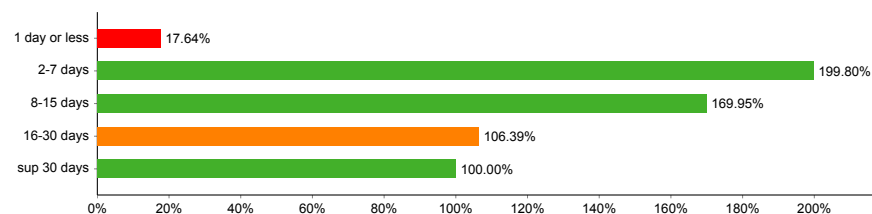


## REDEMPTION COVERAGE RATIO - WATERFALL



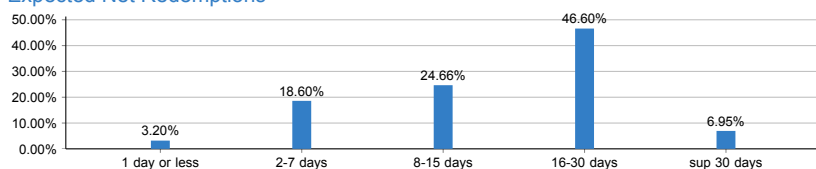
\*Values are capped to 200% for graphical representation purposes

## REDEMPTION COVERAGE RATIO - SLICING



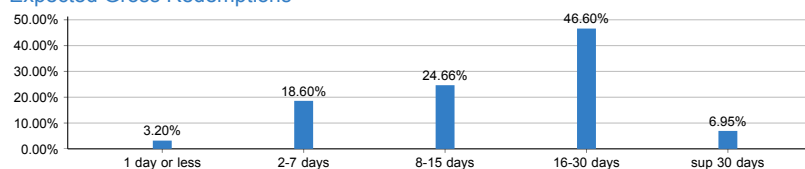
## LIABILITY LIQUIDITY PROFILE - NET

### Expected Net Redemptions



## LIABILITY LIQUIDITY PROFILE - GROSS

### Expected Gross Redemptions



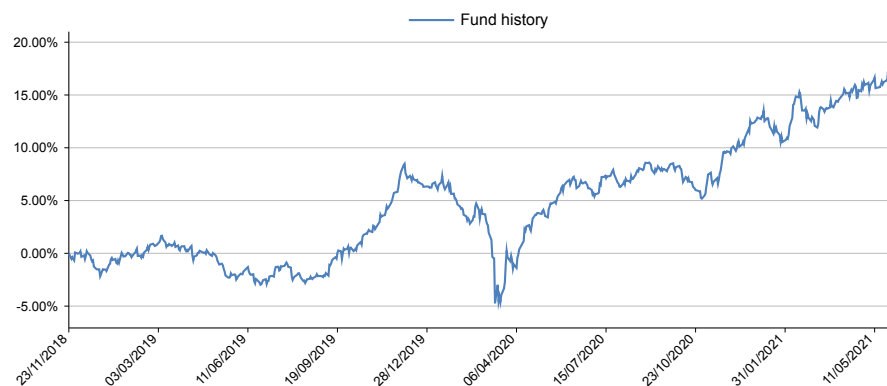
FUND RISK MANAGEMENT  
Monthly Report

May 2021



Umbrella Planetarium Fund Net Asset Value 13,701,927.47  
Sub-fund Anthilia Silver Currency EUR  
Portfolio date 31/05/2021

Performance Fund Vs. Benchmark\*



\*Performance data is displayed on a rolling 5-year period

Benchmark's top 5 components

No benchmark associated

Top 5 holdings

	% NAV
TELIT COMMUNICATIONS PLC	4.69%
GAROFALO HEALTH CARE S.P.A.	3.52%
ITALY 0.45% 17-22.05.23 /INFL	3.00%
ASTALDI	2.84%
ABITARE IN S.P.A.	2.69%
<b>Total</b>	<b>16.74%</b>

Risk Ratios

	Fund	Benchmark
Monthly performance	2.34	-
3 months performance	5.13	-
Year to date performance	5.14	-
1 year performance	11.47	-
3 years performance (p.a.)	-	-
5 years performance (p.a.)	-	-

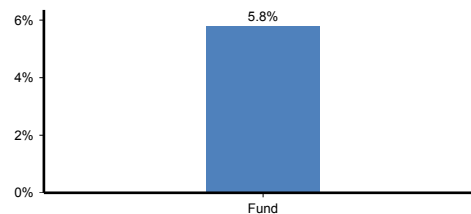
	Fund	Benchmark
1 year volatility	5.78	-
3 years volatility	-	-
1 Year performance/volatility	1.99	-
3 Years performance/volatility	-	-

	Fund
1 year tracking error	-
3 years tracking error	-

Tracking error is computed based on weekly NAV data points

	Fund
1 year beta	-
3 years beta	-

1 year chart of volatility



Maximum losses over the last 5 years

