# **FUND RISK MANAGEMENT**

Monthly Report

 Umbrella
 Cosmos Lux International
 Net Asset Value
 37,406,246.41

 Sub-fund
 DIVERSIFIE
 Currency
 EUR

 Portfolio date
 25/07/2022

July 2022 Sut

## FUND ID

 Fund name
 Cosmos Lux International

 Sub-fund name
 DIVERSIFIE

 ISIN
 LU0090272112

 Currency
 EUR

 Benchmark
 CAC 40

 FUND RISK PROFILE
 Low

TNA end of period TNA start of period TNA Variation

Subscriptions

Redemptions

37,406,246.41 36,313,865.76 3.01% 487,991.61

406,678.40

NAV end of period NAV start of period NAV Variation 3,648.45 3,550.09 2,77%

#### RISK MANAGEMENT COMMENTS

#### Stale price overview

- THOMAS COOK GP\*\*\* (USU42ESCAA83) Number of stale days: 514 (0% of the NAV) at a price of 0 GBP. (Defaulted)
- HERTZ 5.5% 15.10.24/DFLT ESCRW (GB00B1VYCH82) Number of stale days: 143 (0,002% of the NAV) at a price of 0,50 USD. (Defaulted)
- AIR BERLIN 6.75%14-09.05.19/FLAT -(XS1051719786) Number of stale days: 101 (0,003% of the NAV) at a price of 0,50 EUR.

#### 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

No issue to report.

#### Total Expense Ratio - Internal limit 3%

As of 30/06/2022 (quaterly): Without transaction and performance fees Class CAP: 2,27%

#### Portfolio Turnover

As of 30/06/2022 (quaterly): 14,33%

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

#### Market risk (Var/commitment)

Please be informed that the market stress-tests results for Lehman Crisis scenario show that the fund could loose more than 30% in stressed conditions.

#### Liquidity Risk

No issue to report.

#### **Investment Manager comments**

### **FUND RISK MANAGEMENT** Monthly Report

July 2022

Sub-fund Portfolio date

Cover Rule (liquid assets vs. needs)

Cosmos Lux International DIVERSIFIE 25/07/2022

0.00%

AIR LIQUIDE

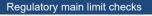
PERNOD-RICARD SA

AIRBUS

Net Asset Value Currency

Concentration by Group 20% - Top 10

37,406,246.41 EUR





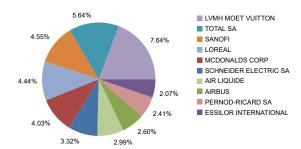
Check result Indicator 3.86% Cash Counterparty Exposure < 20% NAV OTC Counterparty Exposure Aggregated Group Exposure 7.64%

### OTC Counterparty Risk top 5 contributors

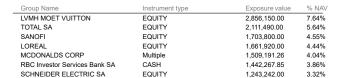
Not applicable Exposure in Fund Currency % NAV

Not applicable

#### Concentration risk by corporate issuer - Top 10



Concentration Risk	MEUR	% NAV
LVMH MOET VUITTON	2.86	7.64%
TOTAL SA	2.11	5.64%
SANOFI	1.70	4.55%
LOREAL	1.66	4.44%
MCDONALDS CORP	1.51	4.03%
SCHNEIDER ELECTRIC SA	1.24	3.32%
AIR LIQUIDE	1.12	2.99%
AIRBUS	0.97	2.60%
PERNOD-RICARD SA	0.90	2.41%
ESSILOR INTERNATIONAL	0.77	2.07%



EQUITY

EQUITY

Multiple

#### Top 5 contributors to Cover Rule

Top 5 contributors to Cover Rule Instrument code Instrument Name Instrument type Negative exposure % NAV Not applicable

Obligation of payment and delivery 0.00

Liquid assets

28,555,817.38

2.99%

2.60%

2.41%

1.116.850.90

971,336.00

901,239.22

# **FUND RISK MANAGEMENT**

Monthly Report

July 2022



Sub-fund Portfolio date Cosmos Lux International DIVERSIFIE 25/07/2022

Net Asset Value 37,406,246.41 Currency

EUR

Commitment Approach						
Slobal Risk Exposure letting / Hedging let Commitment	MEUR 0.00 0.00 0.00	% NAV 0.00% 0.00% 0.00%	1.00% 0.50% 0.00% -0.50%			
				Global Risk Exposure	Netting / Hedging	Net commitment

# Top 10 commitment contributors

Instrument type Absolute value % NAV

Not applicable

### **FUND RISK MANAGEMENT** Monthly Report

July 2022

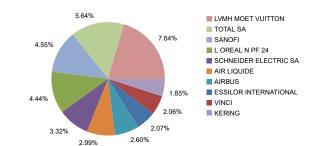
Sub-fund Portfolio date Cosmos Lux International DIVERSIFIE 25/07/2022

Net Asset Value Currency

37,406,246.41 EUR

# Top 10 fund holdings (w/o cash & FDI)

Top 10 holdings	Asset type	ISIN	% NAV
LVMH MOET VUITTON	Common stock	FR0000121014	7.64%
TOTAL SA	Common stock	FR0000120271	5.64%
SANOFI	Common stock	FR0000120578	4.55%
L OREAL N PF 24	Common stock	FR00140071O3	4.44%
SCHNEIDER ELECTRIC SA	Common stock	FR0000121972	3.32%
AIR LIQUIDE	Common stock	FR0000120073	2.99%
AIRBUS	Common stock	NL0000235190	2.60%
ESSILOR INTERNATIONAL	Common stock	FR0000121667	2.07%
VINCI	Common stock	FR0000125486	2.06%
KERING	Common stock	FR0000121485	1.85%



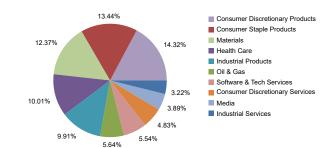
### Asset allocation: Asset Type, Risk Country & Industrial Sector (Bloomberg BICS)\*

\*w/o cash & FDI

Allocation per Ass	set type		% NAV	
EQUITY			80.78%	
BOND			15.17%	
FUND			0.40%	
80%				
0070				
60%				
40%				
4070				
20%				
0%	7	-W		
	EQUITY	BOND	FUND	
	<b>~</b>			

Allocation per Risk Country - Top 10	% NAV
France	64.90%
United States	16.09%
Switzerland	4.84%
Canada	2.28%
Luxembourg	2.09%
United Kingdom	1.88%
Netherlands	1.29%
Germany	1.26%
Japan	0.78%
Denmark	0.30%

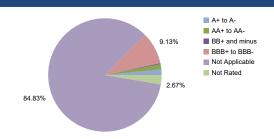
Allocation per Sector - Top 10	% NAV
Consumer Discretionary Product	14.32%
Consumer Staple Products	13.44%
Materials	12.37%
Health Care	10.01%
Industrial Products	9.91%
Oil & Gas	5.64%
Software & Tech Services	5.54%
Consumer Discretionary Service	4.83%
Media	3.89%
Industrial Services	3.22%



# Credit risk: Rating & Duration distribution

Ratings Distribution	Total Market Value	% NAV	
AAA	0.00	0.00%	
AA+ to AA-	569,302.49	1.52%	
A+ to A-	585,536.68	1.57%	
BBB+ to BBB-	3,414,281.58	9.13%	
BB+ and minus	107,235.09	0.29%	
Not Rated	999,146.39	2.67%	
Not Applicable	31,730,744.30	84.83%	
LAM Credit score *	Total Market Value	% NAV	
IG1	0.00	0.00%	
IG1	0.00	0.00%	
IG1 IG2 to IG4	0.00 295,319.14	0.00% 0.79%	
IG1 IG2 to IG4 IG5 to IG7	0.00 295,319.14 1,070,538.78	0.00% 0.79% 2.86%	
IG1 IG2 to IG4 IG5 to IG7 IG8 to IG10	0.00 295,319.14 1,070,538.78 2,714,564.51	0.00% 0.79% 2.86% 7.26%	
IG1 IG2 to IG4 IG5 to IG7 IG8 to IG10 HY1 to HY3	0.00 295,319.14 1,070,538.78 2,714,564.51 728,596.03	0.00% 0.79% 2.86% 7.26% 1.95%	
IG1 IG2 to IG4 IG5 to IG7 IG8 to IG10 HY1 to HY3 HY4 to HY6	0.00 295,319.14 1,070,538.78 2,714,564.51 728,596.03 143,390.84	0.00% 0.79% 2.86% 7.26% 1.95% 0.38%	

<sup>\*</sup>Independant credit scoring ran by Lemanik Asset Management



Durations distribution	Total Market Value	% NAV
0	0.00	0.00%
0 to 1	397,034.27	1.06%
1 to 3	2,369,808.51	6.34%
3 to 5	1,273,755.09	3.41%
5 to 7	1,136,376.27	3.04%
7 to 10	331,706.08	0.89%
above 10	156,992.23	0.42%
Not Applicable	31,740,574.08	84.85%



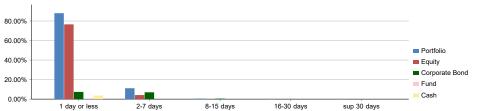
Sub-fund Portfolio date Cosmos Lux International DIVERSIFIE 25/07/2022

Net Asset Value Currency

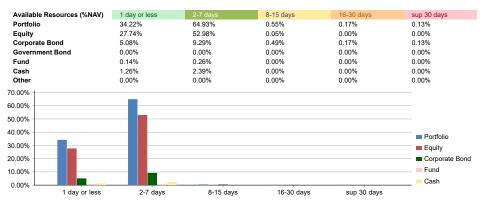
37,406,246.41 EUR

**Baseline Scenario** 

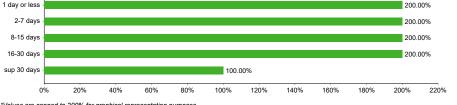
#### PORTFOLIO LIQUIDITY PROFILE - ASSET SIDE - WATERFALL Available Resources (%NAV) 8-15 days 16-30 days sup 30 days 1 day or less Portfolio 88.00% 0.54% 0.17% 0.13% Equity 76.56% 4.16% 0.05% 0.00% 0.00% Corporate Bond 7.39% 6.99% 0.49% 0.17% 0.13% Government Bond 0.00% 0.00% 0.00% 0.00% 0.00% Fund 0.40% 0.00% 0.00% 0.00% 0.00% 0.00% 3.65% 0.00% 0.00% 0.00% Cash Other 0.00% 0.00% 0.00%



# PORTFOLIO LIQUIDITY PROFILE - ASSET SIDE - SLICING

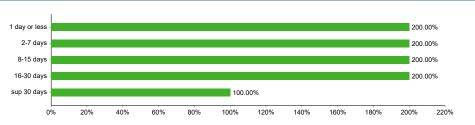


# REDEMPTION COVERAGE RATIO - WATERFALI 1 day or less 2-7 days 8-15 days



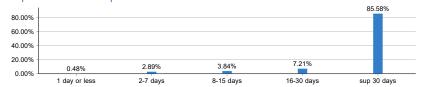


#### REDEMPTION COVERAGE RATIO - SLICING



#### LIABILITY LIQUIDITY PROFILE - NET

#### **Expected Net Redemptions**

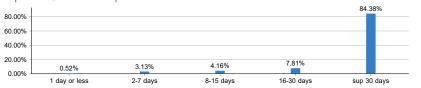


#### **Net Redemptions**

140t 1 todomptions			
Liquidity Metrics	Aggregate	Mixed	
Max 1 days over 5 year(s)	28.99%	0.00%	
Max 7 days over 5 year(s)	30.35%	0.00%	
Max 30 days over 5 year(s)	30.36%	0.00%	
Prob of exceeding 5 percent	0.12%	0.00%	
Prob of exceeding 10 percent	0.08%	0.00%	
Prob of exceeding 20 percent	0.04%	0.00%	
Prob of exceeding 50 percent	0.00%	0.00%	

#### LIABILITY LIQUIDITY PROFILE - GROSS

#### **Expected Gross Redemptions**



#### **Gross Redemptions**

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Liquidity Metrics	Aggregate	Mixed	
Max 1 days over 5 year(s)	29.05%	0.00%	
Max 7 days over 5 year(s)	30.43%	0.00%	
Max 30 days over 5 year(s)	30.44%	0.00%	
Prob of exceeding 5 percent	0.12%	0.00%	
Prob of exceeding 10 percent	0.08%	0.00%	
Prob of exceeding 20 percent	0.04%	0.00%	
Prob of exceeding 50 percent	0.00%	0.00%	

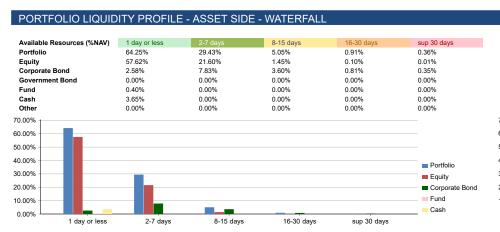


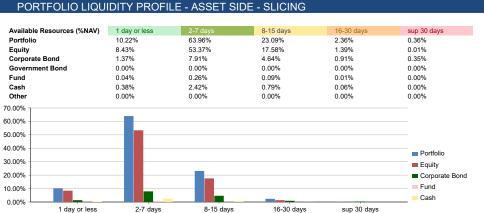
Sub-fund Portfolio date Cosmos Lux International DIVERSIFIE 25/07/2022

Net Asset Value Currency

37,406,246.41 EUR

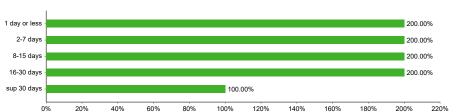
# COVID 19 Scenario (28th of February 2020 - 25th March 2020)





#### REDEMPTION COVERAGE RATIO - WATERFALL 1 day or less 200.00% 2-7 days 200.00% 8-15 days 200.00% 16-30 days 200.00% sup 30 days 100.00% 20% 40% 60% 80% 100% 120% 140% 160% 180% 200%





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

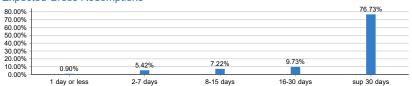
### LIABILITY LIQUIDITY PROFILE - NET

### **Expected Net Redemptions**



#### LIABILITY LIQUIDITY PROFILE - GROSS

REDEMPTION COVERAGE RATIO - SLICING



Monthly Report

July 2022



Sub-fund Portfolio date Cosmos Lux International DIVERSIFIE 25/07/2022

Net Asset Value Currency

37,406,246.41

sup 30 days

0.27%

0.03%

0.24%

0.00%

0.00%

0.00%

0.00%

Portfolio

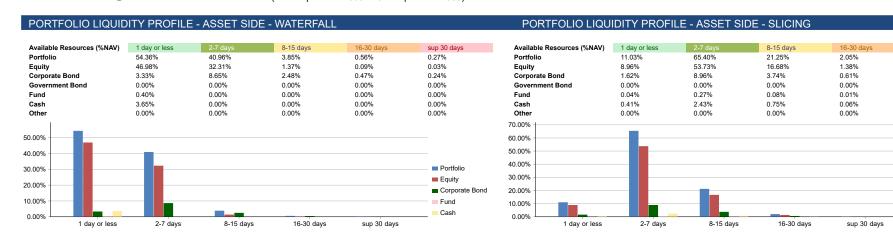
■ Corporate Bond

Equity

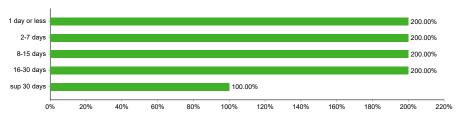
Fund Cash

EUR

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

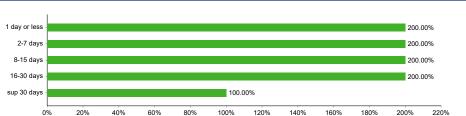


#### REDEMPTION COVERAGE RATIO - WATERFALI



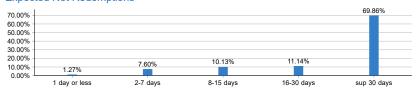
\*Values are capped to 200% for graphical representation purposes

#### REDEMPTION COVERAGE RATIO - SLICING

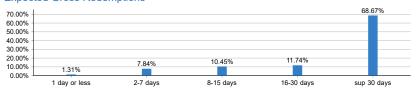


#### LIABILITY LIQUIDITY PROFILE - NET

#### **Expected Net Redemptions**



### LIABILITY LIQUIDITY PROFILE - GROSS





Sub-fund Portfolio date Cosmos Lux International DIVERSIFIE 25/07/2022

Net Asset Value Currency

37,406,246.41 EUR

Portfolio

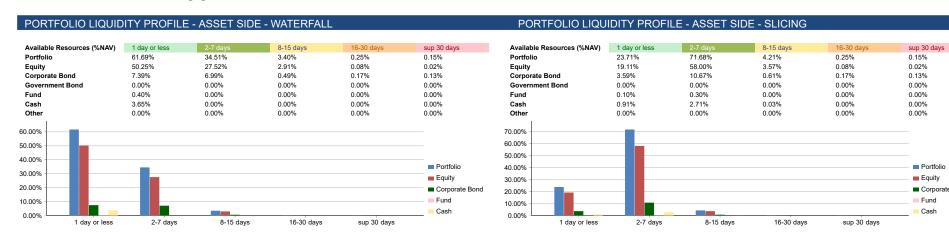
Equity

Fund

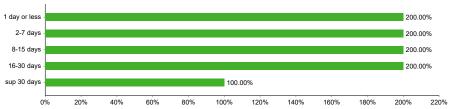
Cash

Corporate Bond

# Index Decrease 30% Scenario

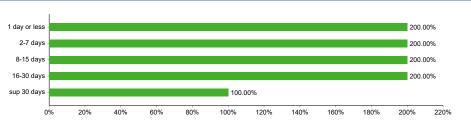


# REDEMPTION COVERAGE RATIO - WATERFALL



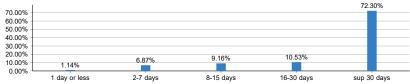
\*Values are capped to 200% for graphical representation purposes

#### REDEMPTION COVERAGE RATIO - SLICING

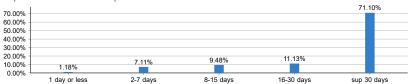


#### LIABILITY LIQUIDITY PROFILE - NET

# **Expected Net Redemptions**



#### LIABILITY LIQUIDITY PROFILE - GROSS



Sub-fund Portfolio date Cosmos Lux International DIVERSIFIE 25/07/2022

Net Asset Value Currency

37,406,246.41 EUR

16-30 days

0.69%

0.18%

0.50%

0.00%

0.00%

0.01%

0.00%

sup 30 days

sup 30 days

0.14%

0.00%

0.14%

0.00%

0.00%

0.00%

0.00%

Portfolio

Equity

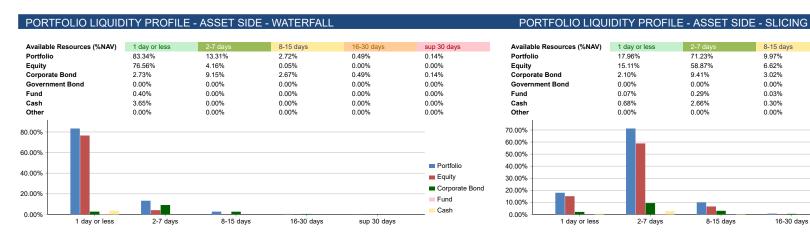
Fund

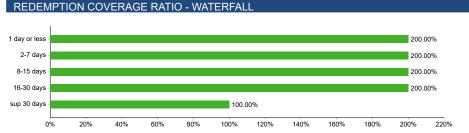
Cash

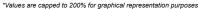
Corporate Bond

July 2022

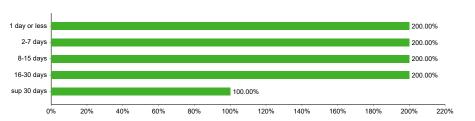
# Interest Rate Increase 30 % Scenario





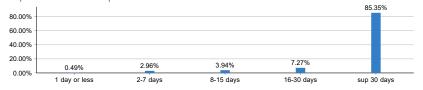


#### REDEMPTION COVERAGE RATIO - SLICING



#### LIABILITY LIQUIDITY PROFILE - NET

### **Expected Net Redemptions**



# LIABILITY LIQUIDITY PROFILE - GROSS



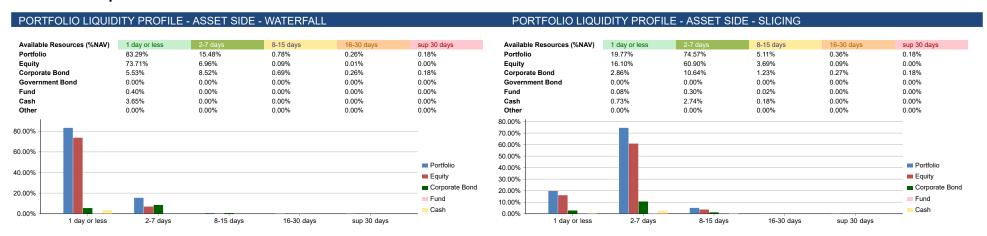


Sub-fund Portfolio date Cosmos Lux International DIVERSIFIE 25/07/2022

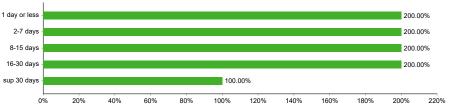
Net Asset Value Currency

37,406,246.41 EUR

# Bid-Ask spread increase 150%

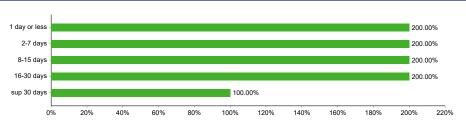






\*Values are capped to 200% for graphical representation purposes

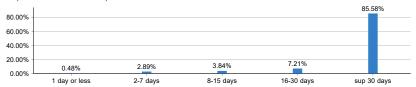
#### REDEMPTION COVERAGE RATIO - SLICING

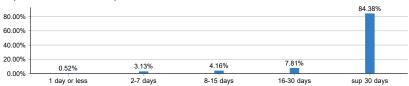


#### LIABILITY LIQUIDITY PROFILE - NET

#### LIABILITY LIQUIDITY PROFILE - GROSS

#### **Expected Net Redemptions**





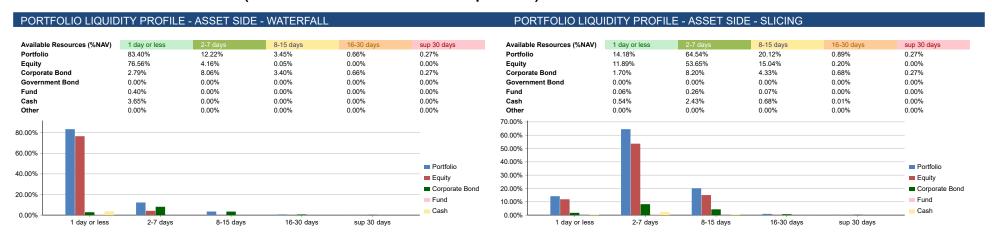
Sub-fund Portfolio date Cosmos Lux International DIVERSIFIE 25/07/2022

Net Asset Value Currency

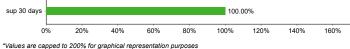
37,406,246.41 EUR

July 2022

# Credit Crisis Scenario (Increase 100% CDS spread)

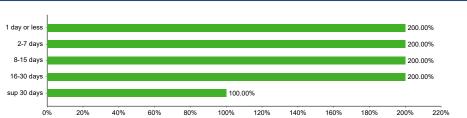








#### REDEMPTION COVERAGE RATIO - SLICING

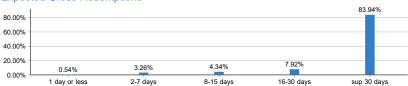


#### LIABILITY LIQUIDITY PROFILE - NET

#### LIABILITY LIQUIDITY PROFILE - GROSS









Umbrella Sub-fund Portfolio date Cosmos Lux International DIVERSIFIE 25/07/2022 Net Asset Value Currency 37,406,246.41 EUR

sup 30 days

0.13%

0.00%

0.13%

0.00%

0.00%

0.00%

Portfolio

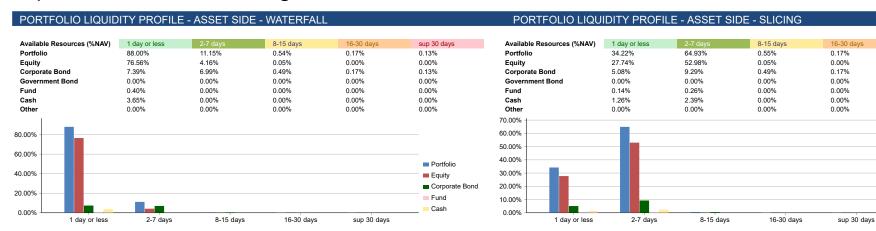
Corporate Bond

Equity

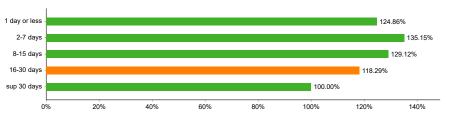
Fund

Cash

Top 3 Investors Redeeming Scenario

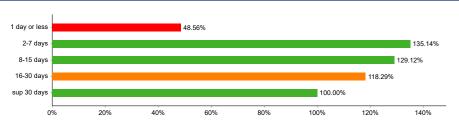






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#### REDEMPTION COVERAGE RATIO - SLICING

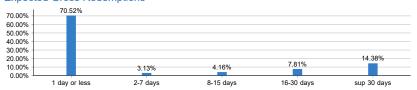


#### LIABILITY LIQUIDITY PROFILE - NET

## Expected Net Redemptions



# LIABILITY LIQUIDITY PROFILE - GROSS



# **FUND RISK MANAGEMENT**

Monthly Report

July 2022



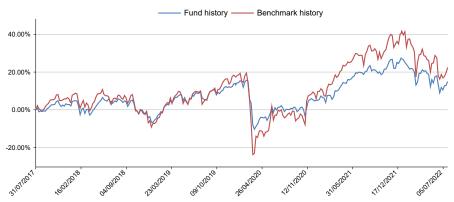
Sub-fund Portfolio date DIVERSIFIE 25/07/2022

Net Asset Value Currency

37,406,246.41

EUR

# Performance Fund Vs. Benchmark\*



Benchmark's top 3 components		
CAC 40	100.00	
Top 5 holdings	% NAV	
LVMH MOET VUITTON	7.64%	
TOTAL SA	5.64%	
SANOFI	4.55%	
L OREAL N PF 24	4.44%	
SCHNEIDER ELECTRIC SA	3.32%	
Total	25.59%	

#### Risk Ratios

	Fund	Benchmark
Monthly performance	2.77	3.15
3 months performance	-3.60	-3.28
Year to date performance	-9.75	-12.80
1 year performance	-4.37	-5.18
3 years performance (p.a.)	1.55	3.65
5 years performance (p.a.)	2.83	4.13

	Fund	Benchmark
1 year volatility	14.48	15.70
3 years volatility	14.66	24.65
1 Year performance/volatility	-0.30	-0.33
3 Years performance/volatility	0.11	0.15

	Fund
1 year tracking error	13.76
3 years tracking error	23.00

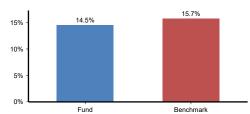
Tracking error is computed based on weekly NAV data points

	Fund
1 year beta	0.53
3 years beta	0.25

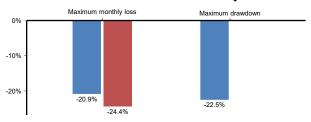
#### Market stress tests as of 27/06/2022

Stressed scenario	% NAV
CreditCrisis 50%	-0.46
IndexDecrease30	-26.63
LehmanCrisis	-31.72
NineEleven	-10.40
VolatilityShock100	0.00
scenarioEquityCrash	-17.88

### 1 year chart of volatility



#### Maximum losses over the last 5 years



<sup>\*</sup>Performance data is displayed on a rolling 5-year period