### **FUND RISK MANAGEMENT**

Monthly Report



Umbrella Sub-fund Portfolio date Cosmos Lux International Net Asset Value 5,494,580.05 CHF 27/05/2024 CHF May 2024

### FUND ID

Fund name Sub-fund name Cosmos Lux International CHF ISIN Currency Benchmark LU0989373237 CHF SWISS MARKET INDEX FUND RISK PROFILE

TNA end of period TNA start of period TNA Variation Subscriptions Redemptions

5,494,580.05 5,271,312.62 4.24% 0.00

NAV end of period NAV start of period

132.59 127.20 4.24%

RISK MANAGEMENT COMMENTS

Stale price overview No stale price.

Operational risk
No NAV error occured from 01/05/2024 to 31/05/2024.
No massive redemption occured from 01/05/2024 to 31/05/2024.

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

<100% NAV <5% or 10% <10%



>90% liquid day

Investment Compliance dashboard There are no breaches to display.

Investment Compliance specific No issue to report

Total Expense Ratio - Internal limit 3% As of 31/03/2024: Without transaction and performance fees: B: 3.12%

Portfolio Turnover As of 29/03/2024: -5.77%

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

Market risk (Var/commitment) No issue to report.

Liquidity Risk No issue to report.

Investment Manager comments

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



Umbrella Sub-fund Portfolio date CHF 27/05/2024 May 2024



4,429,470.12

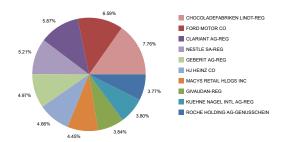




### OTC Counterparty Risk top 5 contributors

Not applicable Not applicable

### Concentration risk by corporate issuer - Top 10



Concentration Risk	MCHF	% NAV
CHOCOLADEFABRIKEN LINDT-REG	0.43	7.76%
FORD MOTOR CO	0.36	6.59%
CLARIANT AG-REG	0.32	5.87%
NESTLE SA-REG	0.29	5.21%
GEBERIT AG-REG	0.27	4.97%
HJ HEINZ CO	0.26	4.66%
MACYS RETAIL HLDGS INC	0.24	4.45%
GIVAUDAN-REG	0.21	3.84%
KUEHNE NAGEL INTL AG-REG	0.21	3.80%
ROCHE HOLDING AG-GENUSSCHEIN	0.21	3.77%

### Concentration by Group 20% - Top 10

Cosmos Lux International

Net Asset Value

5,494,580.05

Group Name	Instrument type	Exposure value	% NAV
CACEIS Bank Luxembourg S.A.	CASH	581,630.80	10.58%
CHOCOLADEFABRIKEN LINDT-REG	EQUITY	426,400.00	7.76%
FORD MOTOR CO	BOND	361,961.33	6.59%
CLARIANT AG-REG	EQUITY	322,715.00	5.87%
NESTLE SA-REG	EQUITY	286,502.00	5.21%
GEBERIT AG-REG	EQUITY	273,024.00	4.97%
HJ HEINZ CO	BOND	256,194.70	4.66%
MACYS RETAIL HLDGS INC	BOND	244,500.35	4.45%
GIVAUDAN-REG	EQUITY	211,250.00	3.84%
KUEHNE NAGEL INTL AG-REG	EQUITY	208,930.00	3.80%

### Top 5 contributors to Cover Rule



Liquid assets

# FUND RISK MANAGEMENT Monthly Report

Umbrella Sub-fund Portfolio date Cosmos Lux International CHF 27/05/2024 Net Asset Value Currency 5,494,580.05 CHF May 2024

Commitment Approach						
Global Risk Exposure Netting / Hedging Net Commitment	MCHF 0.00 0.00 0.00	% NAV 0.00% 0.00% 0.00%	1.00% 0.50% 0.00%			
			0.30%	Global Risk Exposure	Netting / Hedging	Net commitment

### Top 10 commitment contributors

Instrument code	Name	Instrument type	Absolute value	% NAV
Not applicable				

**E**LEMANIK

Monthly Report

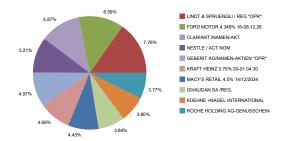
Umbrella Cosmos Lux International Net Asset Value 5.484,580.05
Sub-fund CHF Currency CHF

May 2024

Portfolio date 27/05/2024

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

Top 10 holdings	Asset type	ISIN	% NAV
LINDT & SPRUENGLI / REG *OPR	Common stock	CH0010570759	7.76%
FORD MOTOR 4.346% 16-08.12.26	Corporate bond	US345370CR99	6.59%
CLARIANT /NAMEN-AKT.	Common stock	CH0012142631	5.87%
NESTLE / ACT NOM	Common stock	CH0038863350	5.21%
GEBERIT AG/NAMEN-AKTIEN *OPR*	Common stock	CH0030170408	4.97%
KRAFT HEINZ 3.75% 20-01.04.30	Corporate bond	US50077LAV80	4.66%
MACY'S RETAIL 4.5% 14/12/2034	Corporate bond	US55616XAM92	4.45%
GIVAUDAN SA /REG.	Common stock	CH0010645932	3.84%
KUEHNE +NAGEL INTERNATIONAL	Common stock	CH0025238863	3.80%
ROCHE HOLDING AG-GENUSSCHEIN	Common stock	CH0012032048	3.77%



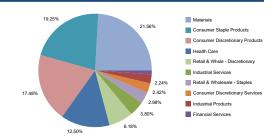
### Asset allocation: Asset Type, Risk Country & Industrial Sector (Bloomberg BICS)\*

#### \*w/o cash & FDI

BOND		23.62%
70%		
60%		
50%		
40%		
30%		
20%		
10%		
0%	4	
	EQUITY	BOND

Allocation per Risk Country - Top 10	% NAV
Switzerland	66.00%
United States	21.10%
Luxembourg	2.52%

Allocation per Sector - Top 10	% NAV
Materials	21.56%
Consumer Staple Products	19.25%
Consumer Discretionary Product	17.48%
Health Care	12.50%
Retail & Whsle - Discretionar	6.18%
Industrial Services	3.80%
Retail & Wholesale - Staples	2.98%
Consumer Discretionary Service	2.42%
Industrial Products	2.24%
Financial Services	1.04%

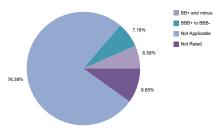


### Credit risk: Rating & Duration distribution

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-	394,722.95	7.18%
BB+ and minus	361,961.33	6.59%
Not Rated	541,209.76	9.85%
Not Applicable	4.196.685.99	76.38%

LAM Credit score *	Total Market Value	% NAV
IG1	0.00	0.00%
IG2 to IG4	0.00	0.00%
IG5 to IG7	0.00	0.00%
IG8 to IG10	0.00	0.00%
HY1 to HY3	0.00	0.00%
HY4 to HY6	0.00	0.00%
DS1 or minus	0.00	0.00%
Not rated	1,297,894.04	23.62%
Not Applicable	4,196,685.99	76.38%

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



Durations distribution	Total Market Value	% NAV
0	0.00	0.00%
0 to 1	271,396.72	4.94%
1 to 3	361,961.33	6.59%
3 to 5	163,840.94	2.98%
5 to 7	256,194.70	4.66%
7 to 10	244,500.35	4.45%
above 10	0.00	0.00%
Not Applicable	4,196,685.99	76.38%

Cosmos Lux International Sub-fund Portfolio date 27/05/2024

32 49%

32.49%

32 01%

0.25%

0.25%

0.05%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

5,494,580.05

May 2024

Max 1 days over 5 year(s)
Max 7 days over 5 year(s)
Max 30 days over 5 year(s)
Prob of exceeding 5 percent

Prob of exceeding 10 percent

Prob of exceeding 20 percent

32 49%

32.49%

32.91%

0.25%

0.25%

0.05%

0.00%

0.00%

0.00%

0.00%

0.00%

# **Baseline Scenario**



Liquidity Metrics
Max 1 days over 5 year(s)
Max 7 days over 5 year(s)
Max 30 days over 5 year(s)
Prob of exceeding 5 percent

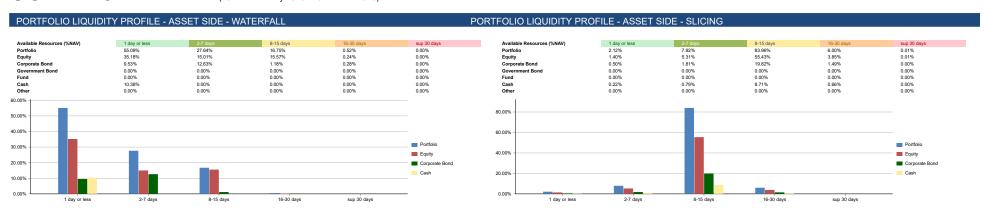
Prob of exceeding 10 percent

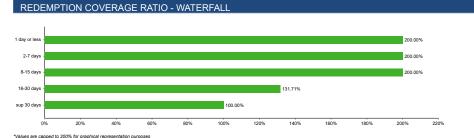
Prob of exceeding 20 percent

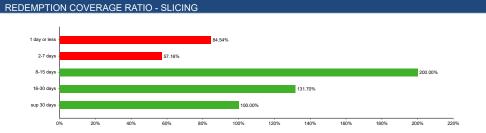


5,494,580.05

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





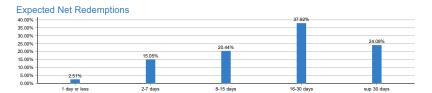


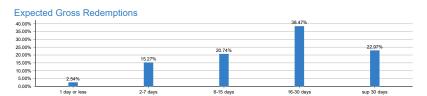
Cosmos Lux International

27/05/2024

Sub-fund Portfolio date

### LIABILITY LIQUIDITY PROFILE - NET





Umb Sub-



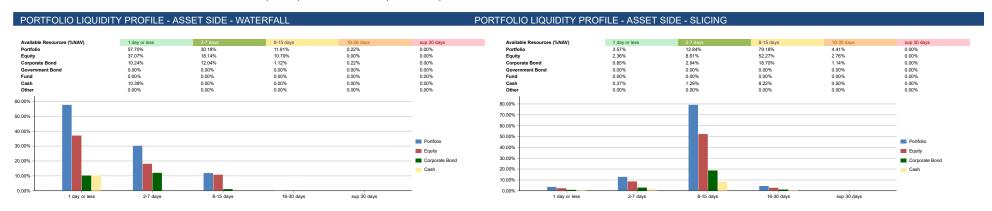
 Umbreila
 Cosmos Lux International
 Net Asset Value
 5,494,580.0

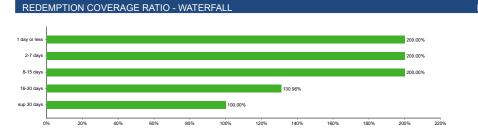
 Sub-fund
 CHF
 Currency
 CHF

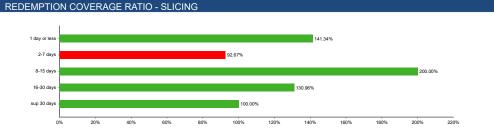
 Portfolio date
 27/05/2024
 CHF
 CHF

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

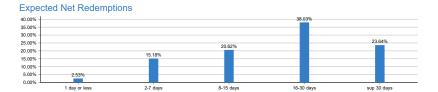


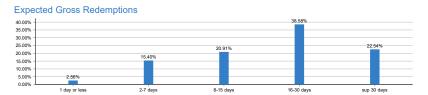




### LIABILITY LIQUIDITY PROFILE - NET

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





 Umbrella
 Cosmos Lux International

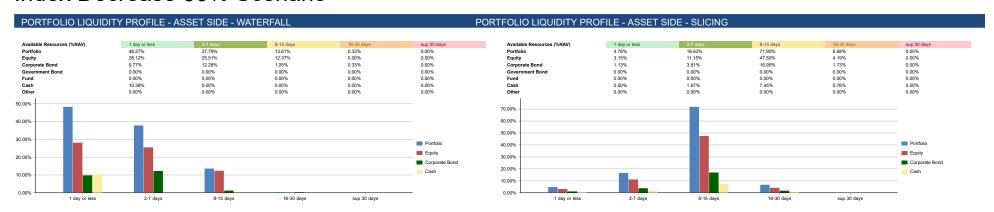
 Sub-fund
 CHF

 Portfolio date
 27/05/2024

Net Asset Value Currency 5,494,580.05



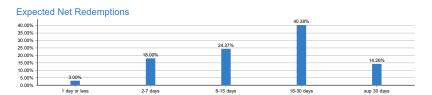
# Index Decrease 30% Scenario

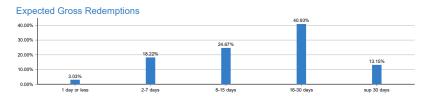






### LIABILITY LIQUIDITY PROFILE - NET





 Umbrella
 Cosmos Lux International

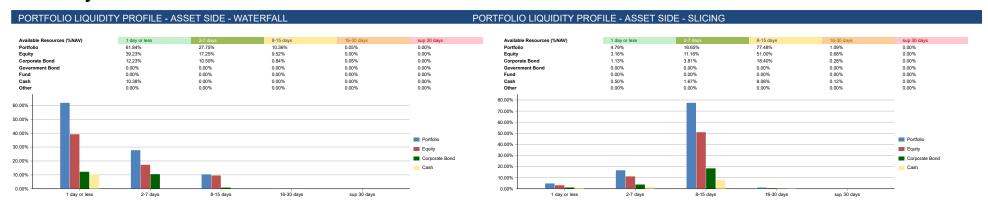
 Sub-fund
 CHF

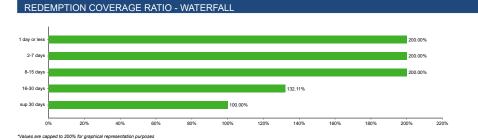
 Portfolio date
 27/05/2024

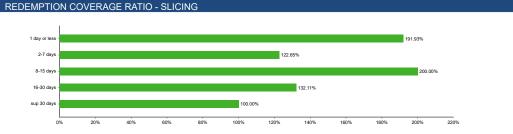
Net Asset Value Currency 5,494,580.05 CHF



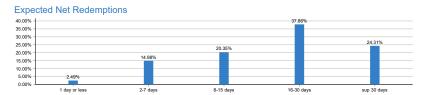
# Volatility Increase 100% Scenario

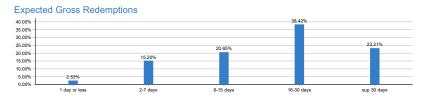






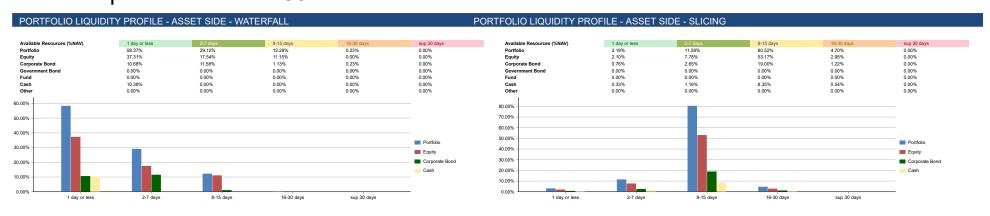
### LIABILITY LIQUIDITY PROFILE - NET



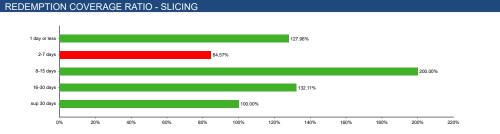


Sub-fund CHF Cr Portfolio date 27/05/2024 EMANIK

Bid-Ask spread increase 150%



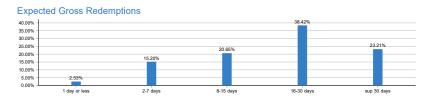




### LIABILITY LIQUIDITY PROFILE - NET

#### 





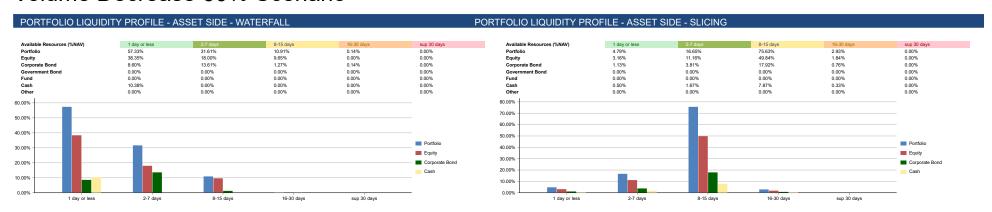
Cosmos Lux International Sub-fund Portfolio date

CHF 27/05/2024

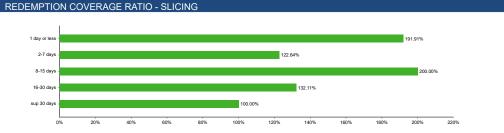
5,494,580.05



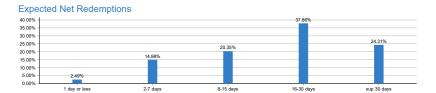
# Volume Decrease 60% Scenario

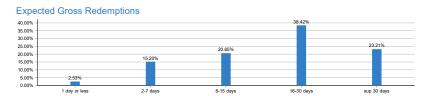






### LIABILITY LIQUIDITY PROFILE - NET



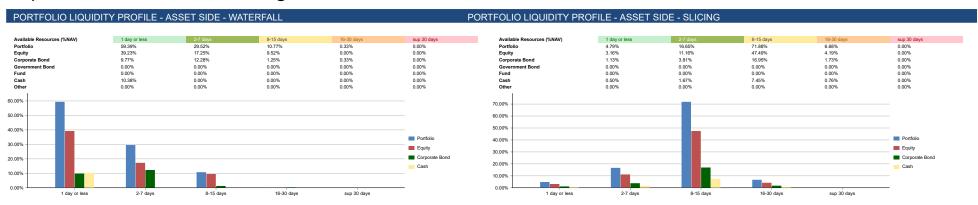


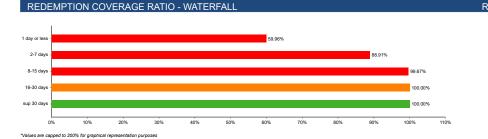
Umbrella Sub-fund Portfolio date Cosmos Lux Internati CHF 27/05/2024 Net Asset Value Currency

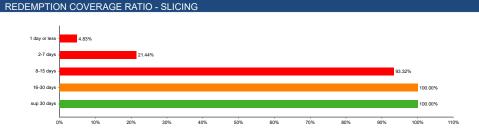
5,494,580.05

May 2024

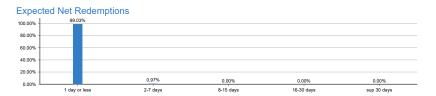
# Top 3 Investors Redeeming Scenario

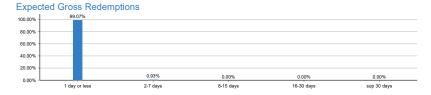






#### LIABILITY LIQUIDITY PROFILE - NET





# FUND RISK MANAGEMENT

Monthly Report

May 2024

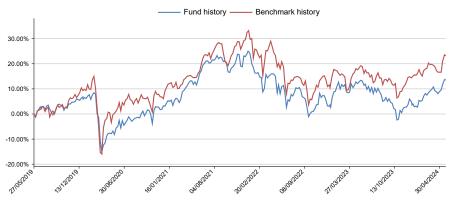


Umbrella Sub-fund Portfolio date

Cosmos Lux International CHF 27/05/2024

5,494,580.05 CHF

Performance	E1 \ /-	D	lal .*
Penomisince	Fund vs	Denc	nmark



Benchmark's top 5 components	
SWISS MARKET INDEX	100.00
Top 5 holdings	% NAV
LINDT & SPRUENGLI / REG *OPR	7.76%
FORD MOTOR 4.346% 16-08.12.26	6.59%
CLARIANT /NAMEN-AKT.	5.87%
NESTLE / ACT NOM	5.21%
GEBERIT AG/NAMEN-AKTIEN *OPR*	4.97%
Total	30.40%

### Risk Ratios

	Fund	Benchmark
Monthly performance	4.24	5.54
3 months performance	5.02	4.43
Year to date performance	9.64	7.39
1 year performance	1.94	6.01
3 years performance (p.a.)	-0.74	1.72
5 years performance (p.a.)	2.58	4.25

	Fund	Benchmark
1 year volatility	10.52	9.53
3 years volatility	12.68	11.66
1 Year performance/volatility	0.18	0.63
3 Years performance/volatility	-0.06	0.15

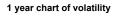
	Fund
1 year tracking error	11.53
3 years tracking error	12.52

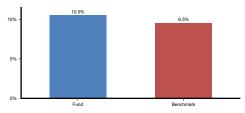
Tracking error is computed based on weekly NAV data points

	Fund
1 year beta	0.42
3 years beta	0.53

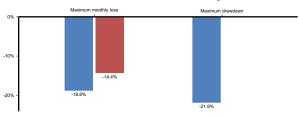
#### Market stress tests as of 25/03/2024

Stressed scenario	% NAV
COVID_19	-11.47
CreditCrisis 50%	-0.49
IndexDecrease30	-18.97
LehmanCrisis	-22.59
NineEleven	-7.39
scenarioEquityCrash	-12.65





### Maximum losses over the last 5 years



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

Monthly Report

May 2024 Sub-hund Portfolio da



Umbrella Sub-fund Portfolio date

Cosmos Lux International Net Asset Value CHF Currency 27/05/2024

5,494,580.05 CHF

ESG KRI COMMUNICATION DATA AS OF 31 MARCH 2024

### DEFINITION

Positioning risk scoring:

This report provides ESG risk indicators and positioning of the Fund in comparison to its similar SFDR classification peers implemented at the management company level in order to monitor the evolution of the fund on the key aspects currently in force at the regulatory level.

OUNTRY PHYSICAL		COUNTRY TRANSITION	
	Value		Value
<b>Definition</b> Risk Score of portfolio in relation to country climate risk	0.75	Definition  Risk Score of portfolio in relation to country climate risk	0.99
Diversification benefit of portfolio in relation to country climate risk	30.00 %	Diversification benefit of portfolio in relation to country climate risk	32.00 %
ECTOR PHYSICAL		SECTOR TRANSITION	
- a	Value		Value
<b>Definition</b> Risk Score of portfolio in relation to sector climate risk	0.82	Definition  Risk Score of portfolio in relation to sector climate risk	0.82
Diversification benefit of portfolio in relation to sector climate risk	SE 00 8/	Diversification benefit of portfolio in relation to sector climate risk	CE 00.0/
Brotolineaton Botton, of postolio in rotation to cooler diminate rox	65.00 %	Disconductive positions in rotation to cooler similar rotation	65.00 %
CONTROVERSIES	65.00 %		65.00 %
	65.00 %	Definition	Value
CONTROVERSIES			
CONTROVERSIES  Definition  Total sum of controversy exposures in % identified at portfolio level	Value	Definition  Total number of controversies identified at portfolio level	Value
Definition	Value 38.00 %	Definition	Value
Definition  Total sum of controversy exposures in % identified at portfolio level  Definition	Value 38.00 %	Definition  Total number of controversies identified at portfolio level  Value	Value
Definition  Total sum of controversy exposures in % identified at portfolio level  Definition  Average of controversies per asset	Value 38.00 %	Definition  Total number of controversies identified at portfolio level  Value 1.95  CO2 EMISSION	Value
Definition  Total sum of controversy exposures in % identified at portfolio level  Definition  Average of controversies per asset	Value 38.00 %	Definition Total number of controversies identified at portfolio level  Value 1.95	Value 48.00