

# Monthly Risk Report

31 August 2023



#### NICHE AM

Pharus Electric Mobility Value Niche

Class A – LU1867072149
Class B – LU1867072222
Class Q (listed class) - LU1867072495
Class A GBP – LU2526377374



## Summary

- Portfolio: allocation & performance summary
- Ex-Ante analysis: size and style allocation
- Ex-ante analysis: VaR 1 month 95%
- Ex-ante analysis : VaR by sector and country
- Ex-ante analysis : Top securities which are contributing the most to total active risk
- Liquidation time horizon
- Portfolio: FX hedging



## **EQUITY PORTFOLIO: Indices % price changes**

Index	Price as of 31/08/2023	% Price Change 1 month (local currency)	% Price Change 1 month (€)	% Price Change 3 months (local currency)	% Price Change 3 months (€)	% Price Change YTD (local currency)	% Price Change YTD (€)	% Price Change Since inception ** (local currency)	% Price Change Since inception ** (€)
Electric Mobility Value Niche*	168.45	-	-4.66%	-	3.46%	-	11.11%	-	68.45%
Lithium Cells	-	-	-11.04%	-	-1.07%	-	24.77%	_	206.12%
Cathodes	-	-	-7.70%	-	-4.12%	-	-13.19%	-	89.39%
Anodes	-	-	-7.86%	-	18.58%	-	26.21%	-	10.61%
Electrolytes & Elecfoils	-	-	15.31%	-	12.01%	-	25.76%	-	80.72%
Separators	-	-	-6.17%	-	4.24%	-	-1.12%	-	-15.16%
Commodities	-	-	-7.04%	-	-6.26%	-	-21.17%	-	109.45%
Powertrains & Ultracapacitors	-	-	-7.45%	-	3.24%	-	21.45%	-	29.24%
Satellite Areas	-	-	-4.40%	-	2.67%	-	9.61%	-	11.31%
Global X Lithium & Battery Tech ETF (LIT)	59.26	-11.11%	-9.87%	-2.60%	-3.97%	1.11%	-0.19%	128.19%	138.10%
Amplify Advanced Battery Metals and Materials ETF (BATT.K)	12.27	-12.42%	-11.19%	1.74%	0.30%	4.78%	3.44%	11.39%	16.23%
Tokyo Stock Exchange (.TOPX)	2332	0.41%	-0.46%	9.45%	3.32%	23.27%	9.64%	50.17%	16.74%
Korea (.KS200)	334.75	-3.15%	-5.29%	-1.29%	-3.02%	14.99%	7.60%	23.02%	14.60%
Europe (.STOXX)	458.19		-2.79%		1.42%		7.84%	21.13%	21.13%

The performance of the single Niches are gross of fees \* Class B

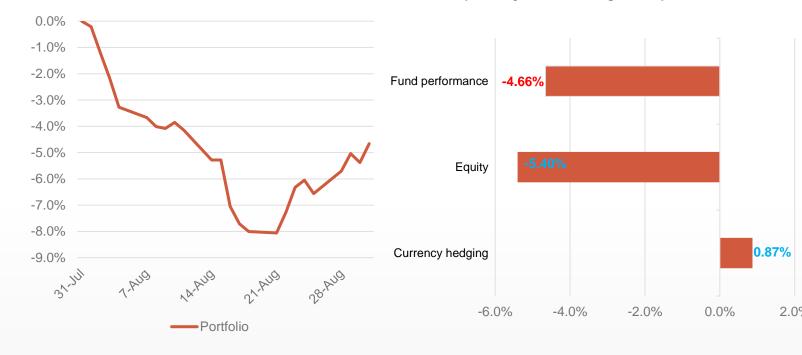
\*\* Inception date: 10/06/2019

Source: Niche AM, Thomson Reuters



### **PORTFOLIO: Allocation & Performance summary**

#### Fund Chart (31 July'23 - 31 August'23)



#### Performance by Asset Class (31 July '23 - 31 August'23)

## Monthly Performance contribution by asset class (31 July' 23 - 31 August'23)

		1 Month	
	Avg Weight (a)	Return (b)	Contributior (c = a*b)
Contribution by asset class			
Bond	0,0%	-	-
Currency hedging	27,4%	0,87%	0,24%
Equity	90,6%	-5,40%	-4,90%
Total Monthly performance			-4,66%
Equity Contribution by sector			
Information Technology	2.9%	-3.2%	-0.09%
Consumer Discretionary	23.2%	-5.1%	-1.18%
Industrials	20.1%	-8.5%	-1.72%
Materials	44.5%	-4.3%	-1.91%

Source: Niche AM, Thomson Reuters

	As of 31 August '23
AUM (€ mln)	20,332 mln



## EQUITY PORTFOLIO: Breakdown by Niches

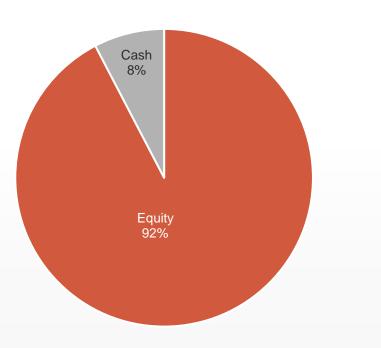
							liches		1 Month
							licites		Performance
Weight	by Niche a	s of 31 Augus	ť23			L	ithium Cells		-11.04%
		0				(	Cathodes		-7.70%
						A	Anodes		-7.86%
				Equity		E	Electrolytes & Elecfoils	i	15.31%
25.0% —						S	Separators		-6.17%
						(	Commodities		-7.04%
20.0% —						F	Powertrains & Ultracap	pacitors	-7.45%
						5	Satellite Areas		-4.40%
15.0% —									
10.0% —	20.0%	17.1%	_						
5.0% —			13.9%	12.3%	9.6%	9.6%	6.1%	_	
0.0% —							0.170	3.8%	
	Satellite	Lithium Cells	Cathodes	PT & UC	Anodes	Commodities	Separators	Electrolytes	

Current Equity Exposure: 92%

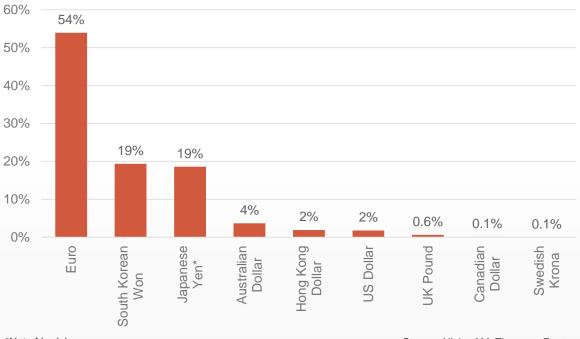


#### **PORTFOLIO: Allocation summary**

## Breakdown by Asset Class as of 31 August'23



## Breakdown by Currency as of 31 August'23



\*Net of hedging

Source: Niche AM, Thomson Reuters



### **EQUITY PORTFOLIO: Allocation summary**

#### Equity Breakdown by Sector as of 31 August'23 (rebased)

#### Other USA Asia - Pacific exposure: 79% Information Technology Germany 2% 1% 3% 7% Industrials France 22% 11% Other Asia 2% Materials 49% Japan Australia 52% 4% South Korea Consumer 21% Discretionary 26%

#### Equity Breakdown by Country as of 31 August'23 (rebased)

7



## EQUITY PORTFOLIO: Change in holdings (31 July'23 – 31 August'23)

	Niche	Trade	End Portfolio Weight	Change in Weight*	Total Return on sold positions
Hyundai Mobis	Power Trains & Ultracapacitors (PTU)	BUY	0.70%	0.70%	
Sumitomo Electric Industries	Power Trains & Ultracapacitors (PTU)	BUY	0.67%	0.67%	
Idemitsu Kosan	Electrolytes & Elecfoils (EE)	BUY	0.66%	0.66%	
Vulcan Energy Resources	Commodities (C)	BUY	0.40%	0.40%	
ALD	Satellite Areas (SA)	ADD	0.97%	0.20%	
Imerys	Anodes (AM)	ADD	0.94%	0.32%	
Syrah Resources	Commodities (C)	ADD	1.62%	0.23%	
Vitesco Technologies Group N	Power Trains & Ultracapacitors (PTU)	REDUCE	0.77%	-1.67%	+69.02%

### EQUITY PORTFOLIO: Concentration (31 July' 23– 31 August'23)



Equity Exposure: 92% Equity Exposure previous month: 93% No of Holdings : 68 Average Holding Weight: 1.36% Median Holding Weight : 0.88%

			Company	Weight at 31 July '23	Weight at 31 August'23	Change in Weight (as % of NAV)
			Panasonic Holdings	7.01%	6.95%	-0.06%
		Ton F	LG Chem Preferred Stock	5.51%	4.92%	-0.59%
		Top 5 24.3%	Sumitomo Metal Mining	4.86%	4.64%	-0.21%
			Teijin	4.05%	4.10%	0.05%
	Тор 10		Valeo	4.05%	3.72%	-0.33%
	39.3%		SK Innovation Pref Shs	4.12%	3.57%	-0.55%
Top 25			Resonac Holdings	3.22%	3.41%	0.19%
64.9%			Toda Kogyo	3.49%	3.25%	-0.24%
			Eramet	2.48%	2.40%	-0.07%
			Volkswagen Pref Shs	2.38%	2.34%	-0.04%



## EQUITY PORTFOLIO: Monthly performance (31 July' 23 – 31 August'23)

#### **Top performers\***

#### 1 Month (Portfolio) 1 Month (Portfolio) Avg Weight Return Contribution Avg Weight Return Contribution Soulbrain Holdings 1.6% 41.6% 0.65% LG Chem Preferred Stock 5.1% -0.75% -14.8% Noritake 1.2% 7.9% 0.10% GrafTech International 2.1% -31.9% -0.66% 1.2% 5.4% 0.06% Stora Enso SK Innovation Pref Shs 3.7% -17.2% -0.64% **NORMA Group** 0.9% 5.9% 0.05% Valeo 3.9% -12.4% -0.48% 3.3% 1.1% 0.04% **Resonac Holdings** Sumitomo Metal Mining 4.7% -8.8% -0.41% 0.8% 4.0% 0.03% Zeon Japan Panasonic Holdings 6.9% -5.4% -0.37% BAIC Motor H 1.7% 1.5% 0.03% -0.37% Toda Kogyo 3.4% -11.0% Hirano Tecseed 1.0% 2.0% 0.02% Syrah Resources 1.7% -19.1% -0.33% IHI 0.01% -11.5% -0.24% 0.5% 3.1% SFA Engineering 2.1% **Dowa Holdings** 1.0% 1.2% 0.01% 2.6% -7.4% -0.19% Eramet -0.17% Nippon Carbon 0.5% 2.0% 0.01% Sungwoo Hitech 0.8% -21.0% Sumitomo Electric Industries 0.2% 2.5% 0.00% W-Scope 0.7% -23.0% -0.15% Vulcan Energy Resources 0.1% 2.9% 0.00% Volkswagen Pref Shs 2.4% -6.2% -0.15% Hyundai Mobis 0.2% 1.5% 0.00% 4.1% -3.4% -0.14% Teijin Kureha 0.4% 0.0% 0.00% Renault 2.0% -0.13% -6.4%

\*Sorted from highest to lowest by Contribution

#### **Bottom performers**



## Ex-ante analysis: VaR 1 month 95% as of 31/08/2023

	VaR 95% 1M Fund	VaR 95% 1M Fund (prev. month)
Electric Mobility Value Niche	-6,78%	-6,83%

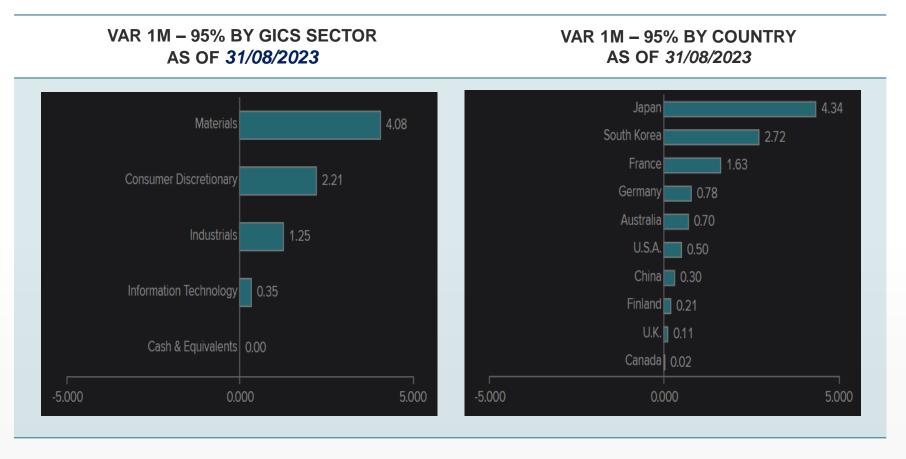
Portfolio VaR Sensitivity

	95% VaR	99% VaR
Historical 1D	-1,45%	-2,18%
Historical 1W	-3,23%	-4,87%
Historical 1M	-6,83%	-10,21%

Source: MSCI Risk Metrics, Niche AM



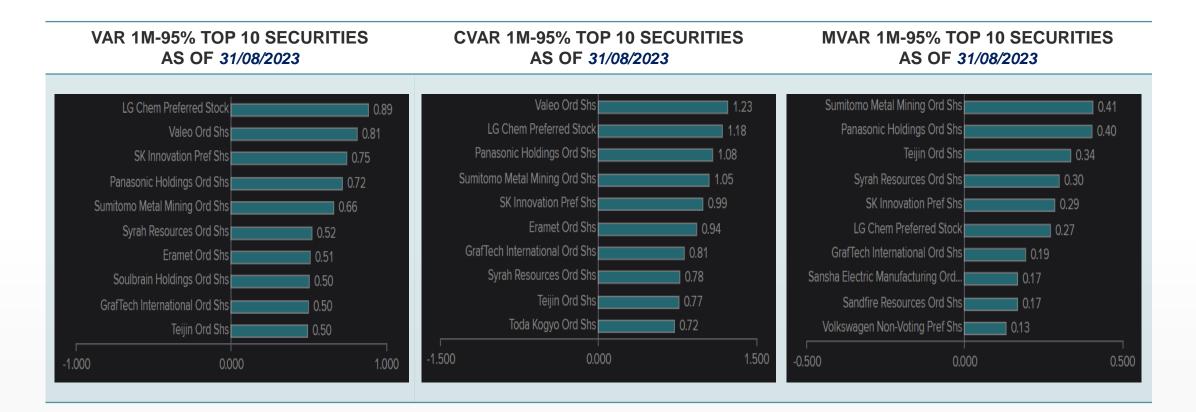
# Ex-ante analysis: VaR 1 month 95% as of 31/08/2023



Source: MSCI RIskMetrics, Niche



#### **Ex-ante** analysis: Top securities which are contributing the most to total active risk



Source: MSCI RIskMetrics, Niche



# Ex-ante analysis: Top securities which are contributing the most to total active risk (sorted by Expected Shortfall) *as of 31/08/2023*

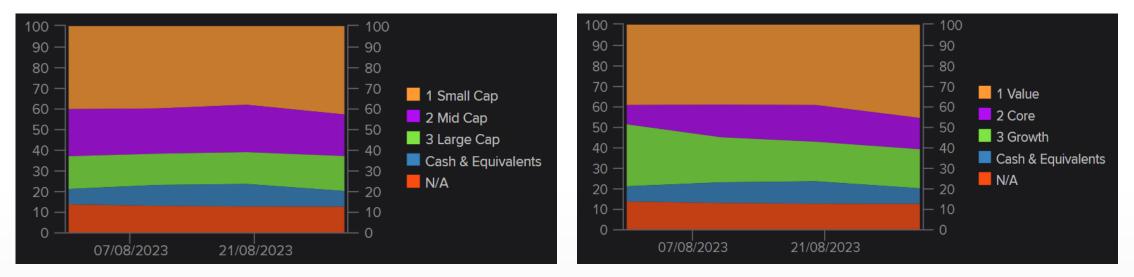
	VaR 1M 95%	CVaR 1M 95%	Marginal VaR 1M 95%	Portfolio Weight %
Pharus Electric Mobility Value Niche	6.78	9.03	6.78	100.0%
Valeo	0.81	1.23	0.03	3.7%
LG Chem Preferred Stock	0.89	1.18	0.27	4.9%
Panasonic Holdings	0.72	1.08	0.40	7.0%
Sumitomo Metal Mining	0.66	1.05	0.41	4.6%
SK Innovation Pref Shs	0.75	0.99	0.29	3.6%
Eramet	0.51	0.94	0.02	2.4%
GrafTech International	0.50	0.81	0.19	1.8%
Syrah Resources	0.52	0.78	0.30	1.6%
Teijin	0.50	0.77	0.34	4.1%
Toda Kogyo	0.48	0.72	0.05	3.3%
Resonac Holdings	0.39	0.67	0.10	3.4%
Soulbrain Holdings	0.50	0.64	0.00	2.0%
Sandfire Resources	0.34	0.55	0.17	1.6%
Volkswagen Pref Shs	0.33	0.55	0.13	2.3%
Renault	0.36	0.50	0.04	2.0%

Source: MSCI RiskMetrics, Niche AM



## Ex-ante analysis Multi-Factor risk as of 31/08/2023

#### Equity Size Allocation



Equity Style Allocation

Source: Thomson Reuters, Niche AM

# Liquidation time horizon and stress test



	1 day	5 days	10 days	30 days
Pharus Electric Mobility	91%	99%	100%	100%

Source: Niche AM, Thomson Reuters

Assumptions for what regards the time it takes to liquidate assets for cash on a daily basis:

- Equity: orders placed on the market at 25% of volumes; average 3 month volume considered

Internal Liquidity requirement: at least 10% can be liquidated in one week and 40% in one month



Number of days necessary to liquidate 25% of the portfolio: 1 da

1 day





## **PORTFOLIO: FX hedging**

#### Forex outright trades in place: JPY

Currency Pair	Contract Rate	Amount sold	Amount bought	Amount as a % of total JPY hedged	Maturity
EUR/JPY	147,68	-899,000,000 JPY	€ 6,087,280.36		05/09/2023
% JPY exposure hedged				60%	

	31 August '23
Total JPY Gross Exposure	1,497,659,000 (46,6% AUM)
Total JPY hedged	899,000,000 (28,0% AUM)
Total JPY Net Exposure	598,659,000 (18,6% AUM)



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