



# Monthly Risk Report

31 October 2022

*imagine*



NICHE AM

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**Pharus Electric Mobility Value Niche**

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

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# 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 31/10/2022	% 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 ** (€)
<b>Electric Mobility Value Niche*</b>	<b>150,65</b>	-	<b>6,89%</b>	-	<b>-2,22%</b>	-	<b>-9,32%</b>	-	<b>50,65%</b>
Lithium Cells	-	-	9,75%	-	-8,35%	-	-14,29%	-	144,28%
Cathodes	-	-	2,74%	-	2,63%	-	-22,49%	-	118,10%
Anodes	-	-	10,87%	-	-6,77%	-	-14,95%	-	-13,29%
Electrolytes & Electrodes	-	-	3,49%	-	0,92%	-	-8,66%	-	41,12%
Separators	-	-	-5,79%	-	-9,07%	-	-11,67%	-	-13,19%
Commodities	-	-	11,88%	-	7,74%	-	-2,56%	-	147,40%
Powertrains & Ultracapacitors	-	-	8,04%	-	-8,70%	-	-12,50%	-	6,67%
Satellite Areas	-	-	1,79%	-	-9,04%	-	-1,85%	-	-3,24%
Global X Lithium & Battery Tech ETF (LIT)	66,82	1,11%	0,25%	-10,18%	-7,13%	-20,87%	-8,98%	157,30%	194,50%
Amplify Advanced Battery Metals and Materials ETF (BATT.K)	12,57	-1,72%	-2,56%	-16,48%	-13,65%	-30,17%	-19,67%	14,12%	30,62%
Tokyo Stock Exchange (.TOPIX)	1929,43	5,09%	1,42%	-0,56%	-7,92%	-3,16%	-14,15%	24,24%	3,69%
Korea (.KS200)	299,58	6,48%	6,62%	-7,34%	-12,45%	-24,00%	-27,37%	10,10%	4,56%
Europe (.STOXX)	412,20	-	6,28%	-	-5,95%	-	-15,50%	-	8,97%

The performance of the single Niches are gross of fees

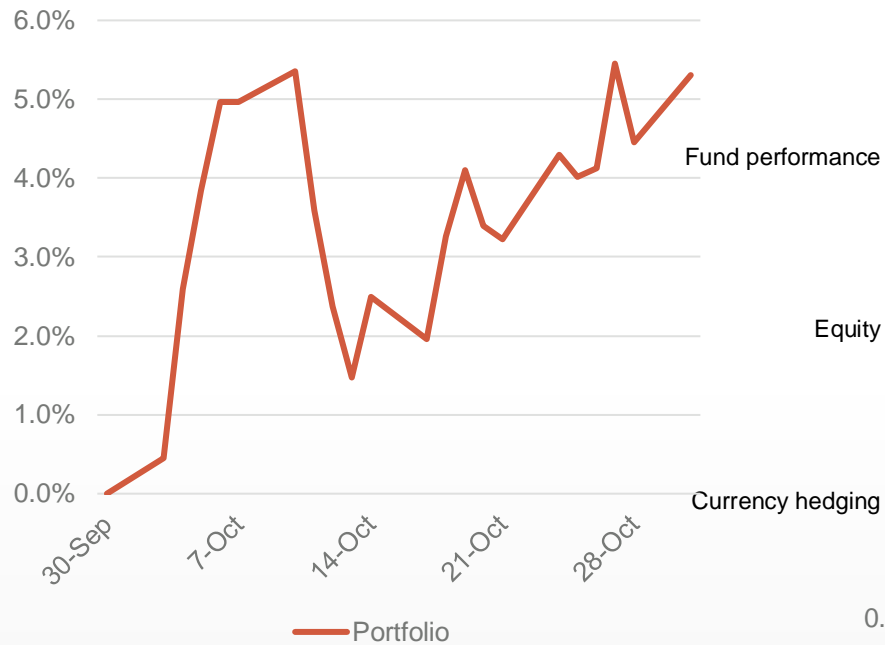
\* Class B

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

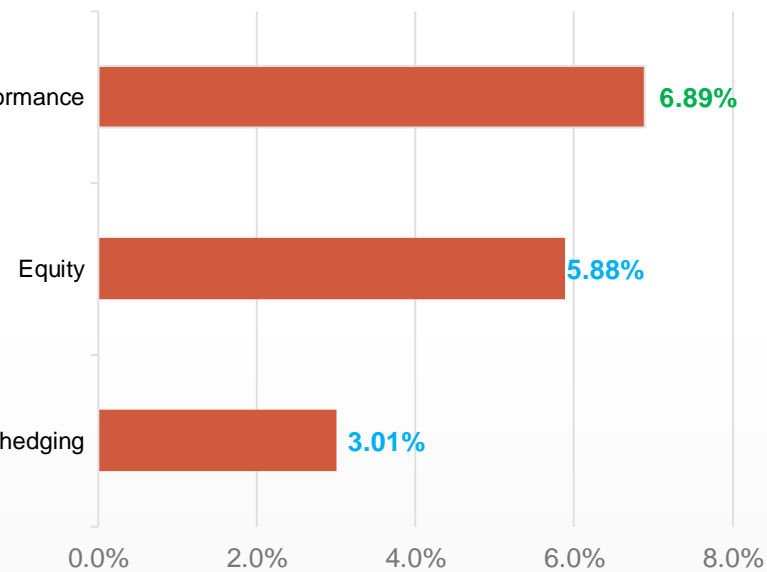
Source: Niche AM, Thomson Reuters

# PORTFOLIO: Allocation & Performance summary

**Fund Chart (30 September'22 - 31 October'22)**



**Performance by Asset Class (30 September'22 - 31 October'22)**



**Monthly Performance contribution by asset class (30 September'22 - 31 October'22)**

	Avg Weight (a)	1 Month Return (b)	Contribution (c = a*b)
<b>Contribution by asset class</b>			
Bond	0,0%	-	-
Currency hedging	38,0%	3,01%	1,14%
<b>Equity</b>	<b>97.8%</b>	<b>5.88%</b>	<b>5,75%</b>
<b>Total Monthly performance</b>			<b>6,89%</b>
<b>Equity Contribution by sector</b>			
Materials	52.8%	5.8%	3.06%
Consumer Discretionary	26.0%	5.3%	1.37%
Industrials	15.7%	7.1%	1.11%
Information Technology	3.3%	6.3%	0.21%

Source: Niche AM, Thomson Reuters

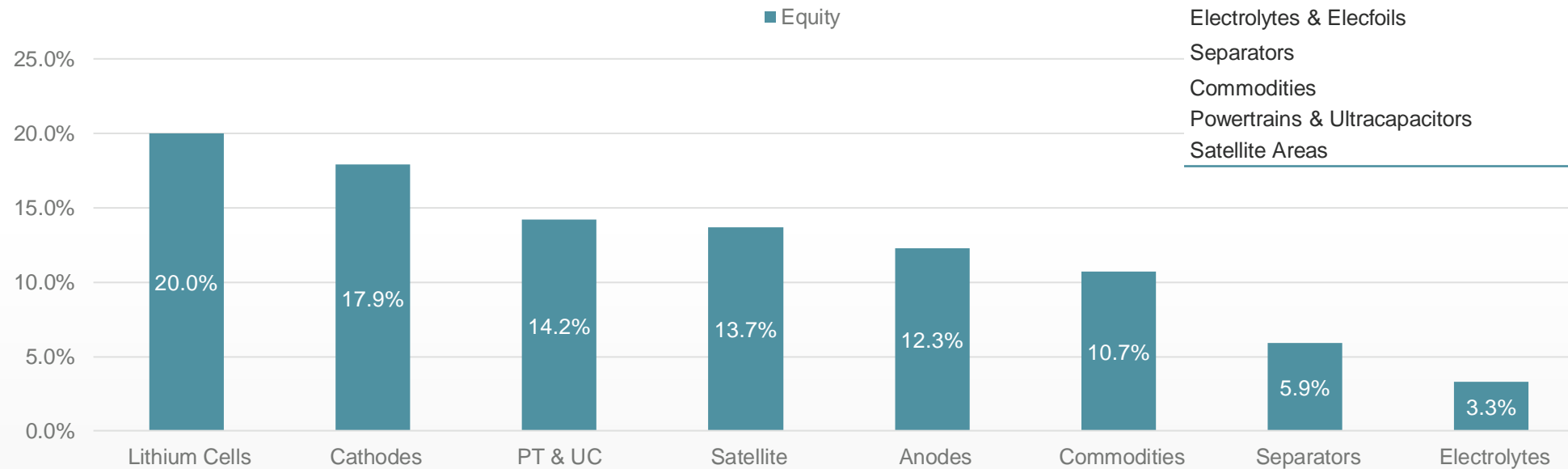
**As of 31 October'22**

**AUM (€ mln)**

**18,495 mln**

# EQUITY PORTFOLIO: Breakdown by Niches

**Weight by Niche as of 31 October'22**

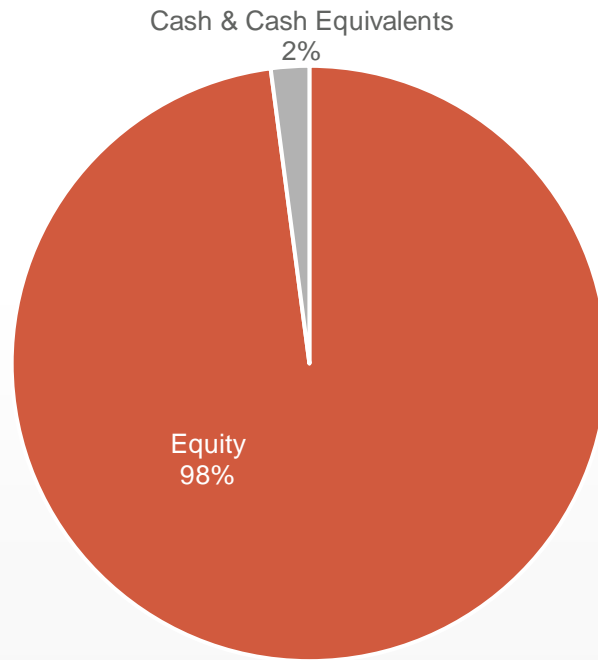


Niches	1 Month Performance
Lithium Cells	9,75%
Cathodes	2,74%
Anodes	10,87%
Electrolytes & Elecfoils	3,49%
Separators	-5,79%
Commodities	11,88%
Powertrains & Ultracapacitors	8,04%
Satellite Areas	1,79%

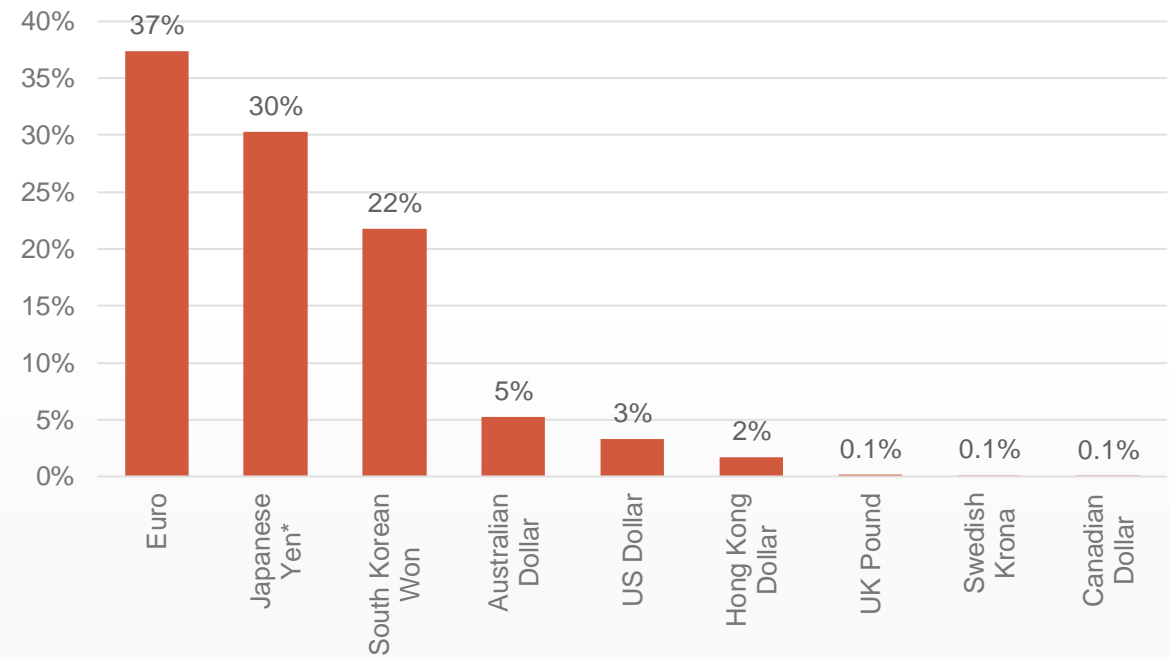
**Current Equity Exposure: 98%**

# PORTFOLIO: Allocation summary

**Breakdown by Asset Class  
as of 31 October'22**



**Breakdown by Currency  
as of 31 October'22**

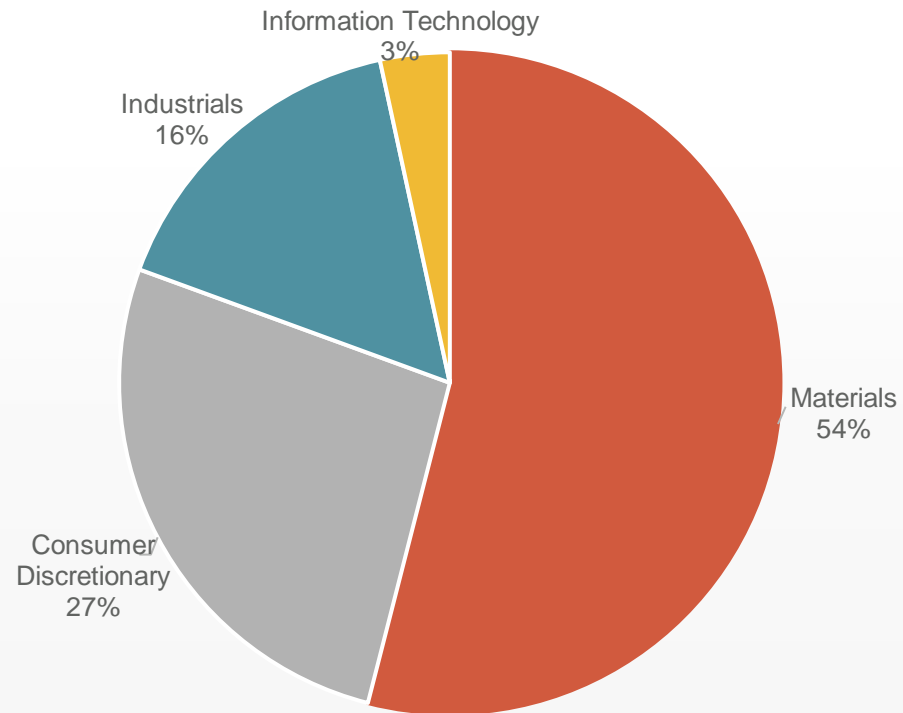


\*Net of hedging

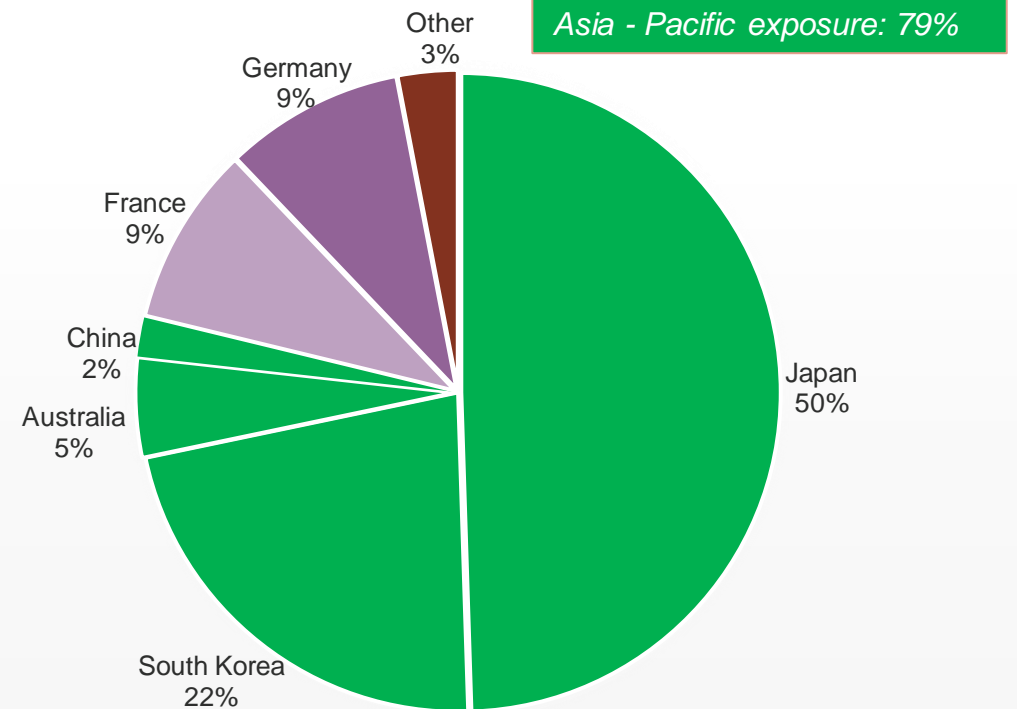
Source: Niche AM, Thomson Reuters

# EQUITY PORTFOLIO: Allocation summary

**Equity Breakdown by Sector**  
as of 31 October'22 (rebased)



**Equity Breakdown by Country**  
as of 31 October'22 (rebased)



## EQUITY PORTFOLIO: Change in holdings (30 September'22– 31 October'22)

	Niche	Trade	End Portfolio Weight	Change in Weight* 31 Aug '22 - 30 Sep'22	Total Return on sold positions
Sungwoo Hitech	Power Trains & Ultracapacitors (PTU)	BUY	0.44%	0.44%	
Eramet	Commodities (C)	ADD	2.48%	1.95%	
Dowa Holdings	Commodities (C)	ADD	1.20%	0.49%	
Mitsubishi Materials	Commodities (C)	ADD	1.22%	0.48%	
Syrah Resources	Commodities (C)	REDUCE	4.18%	0.39%	+394.93%

\*Not adjusted for subscriptions/redemptions and changes in market value



## EQUITY PORTFOLIO: Concentration (30 September'22 – 31 October'22)

Equity Exposure: 98%

Equity Exposure previous month: 97%

No of Holdings : 52

Average Holding Weight: 1.88%

Median Holding Weight : 1.16%

		Company	Weight at 30 September'22	Weight at 31 October'22	Change in Weight (as % of NAV)
<b>Top 25 80.3%</b>	<b>Top 5 31.3%</b>	LG Chem Preferred Stock	7.07%	7.44%	0.36%
		Panasonic Holdings	7.56%	7.05%	-0.51%
		Toda Kogyo	6.54%	6.67%	0.13%
		Vitesco Technologies Group	4.93%	5.09%	0.16%
		Sumitomo Metal Mining	5.68%	5.08%	-0.60%
	<b>Top 10 51.2%</b>	Teijin	5.17%	4.42%	-0.74%
		Syrah Resources	3.79%	4.18%	0.39%
		Valeo	3.85%	3.79%	-0.06%
		SK Innovation Pref Shs	3.41%	3.75%	0.33%
		Showa Denko	3.93%	3.69%	-0.24%

## EQUITY PORTFOLIO: Monthly performance (30 September'22 – 31 October'22)

### Top performers\*

	1 Month (Portfolio)		
	Avg Weight	Return	Contribution
Syrah Resources	4.0%	43.7%	1.62%
LG Chem Preferred Stock	7.3%	14.2%	0.97%
Toda Kogyo	6.6%	10.7%	0.69%
SK Innovation Pref Shs	3.5%	19.1%	0.64%
Vitesco Technologies Group	5.2%	12.0%	0.59%
Posco Holdings	3.1%	17.5%	0.51%
GrafTech International	3.0%	17.1%	0.49%
Valeo	3.9%	6.8%	0.27%
Imerys	0.8%	33.5%	0.25%
Renault	1.9%	11.4%	0.21%
Samsung SDI Pref Shs	0.8%	25.3%	0.19%
Continental	1.4%	14.2%	0.19%
Tanaka Chemical	1.1%	18.3%	0.19%
Panasonic Holdings	7.4%	1.3%	0.10%
Soulbrain Holdings	1.4%	6.2%	0.09%

### Bottom performers

	1 Month (Portfolio)		
	Avg Weight	Return	Contribution
Teijin	4.8%	-7.1%	-0.36%
Sumitomo Metal Mining	5.4%	-3.0%	-0.16%
Eramet	1.8%	-18.5%	-0.15%
Sandfire Resources	1.1%	-8.0%	-0.09%
Dowa Holdings	0.7%	-11.9%	-0.09%
Pacific Metals	0.4%	-18.6%	-0.09%
Taiheiyu Cement	1.7%	-4.3%	-0.08%
Nippon Chemical Industrial	2.0%	-3.3%	-0.07%
Zeon Japan	0.9%	-5.3%	-0.05%
Hyundai Motor S2 Pref Shs	0.7%	-5.1%	-0.04%
Nihon Kagaku Sangyo	0.7%	-5.2%	-0.04%
Mitsubishi Materials	0.8%	-5.6%	-0.03%
Sungwoo Hitech	0.1%	-6.1%	-0.03%
Toshiba	0.9%	-2.9%	-0.03%
Hirano Tecseed	0.6%	-3.3%	-0.02%

\*Sorted from highest to lowest by Contribution

# Ex-ante analysis: VaR 1 month 95% as of 31/10/2022

	Alert Level		VaR 95% 1M Fund	VaR 95% 1M Fund (prev. month)
	I°	II°		
<i>Electric Mobility Value Niche</i>	-11,0%	-14,0%	-10,25%	-10,10%

- The alert levels are linked to the 95% VaR 1M
- The current VaR is below the first alert level internally set

## Portfolio VaR Sensitivity

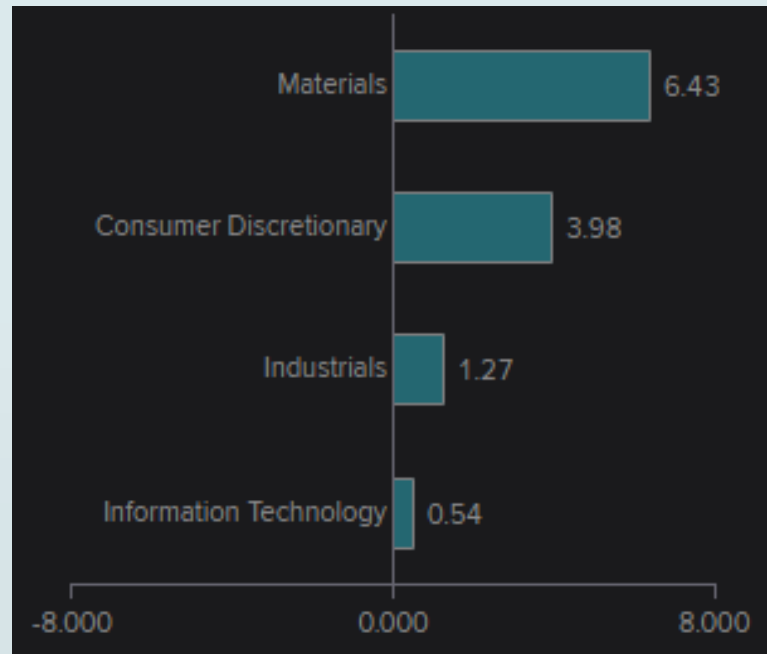
	95% VaR	99% VaR
Historical 1D	-2,19%	-3,07%
Historical 1W	-4,89%	-6,87%
Historical 1M	-10,25%	-14,41%

Source: MSCI Risk Metrics, Niche AM

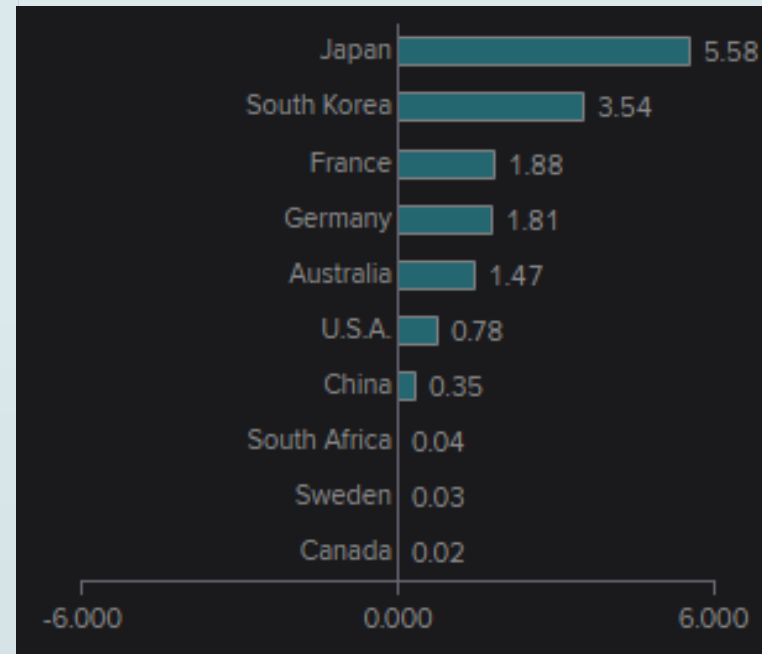
# Ex-ante analysis: VaR 1 month 95%

as of 31/10/2022

**VAR 1M – 95% BY GICS SECTOR  
AS OF 31/10/2022**



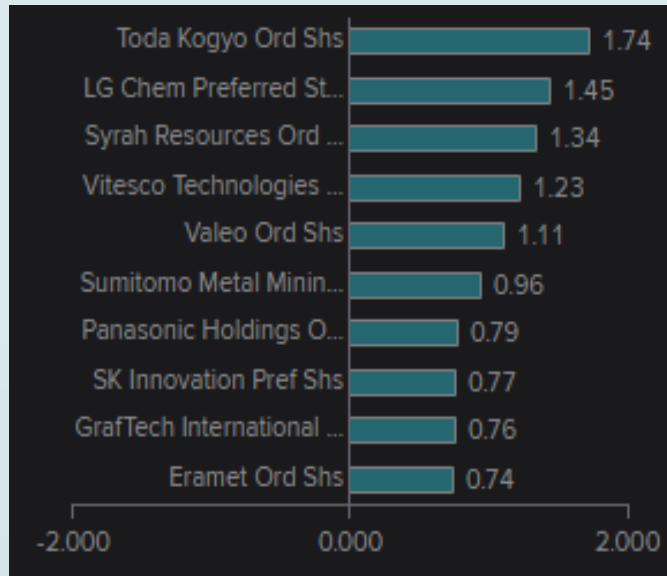
**VAR 1M – 95% BY COUNTRY  
AS OF 31/10/2022**



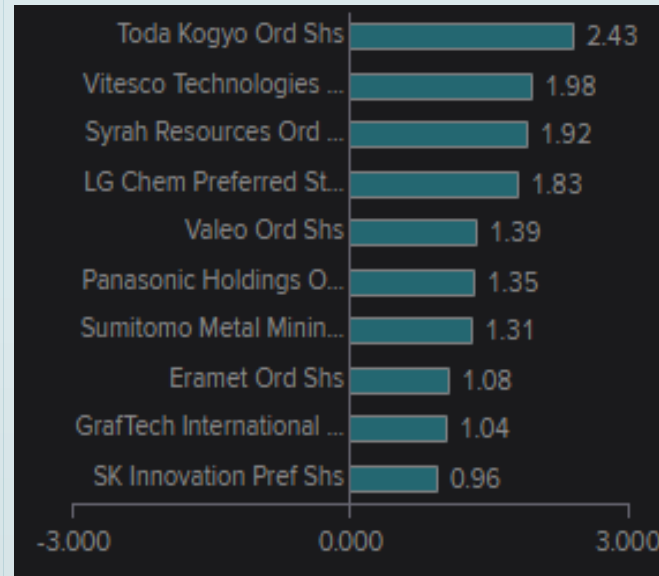
Source: MSCI RiskMetrics, Niche

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

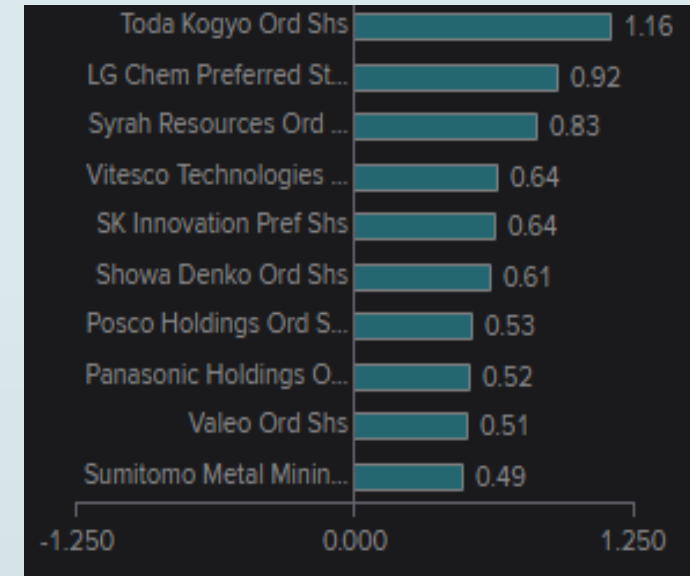
**VAR 1M-95% TOP 10 SECURITIES  
AS OF 31/10/2022**



**CVAR 1M-95% TOP 10 SECURITIES  
AS OF 31/10/2022**



**MVAR 1M-95% TOP 10 SECURITIES  
AS OF 31/10/2022**



Source: MSCI RiskMetrics, Niche

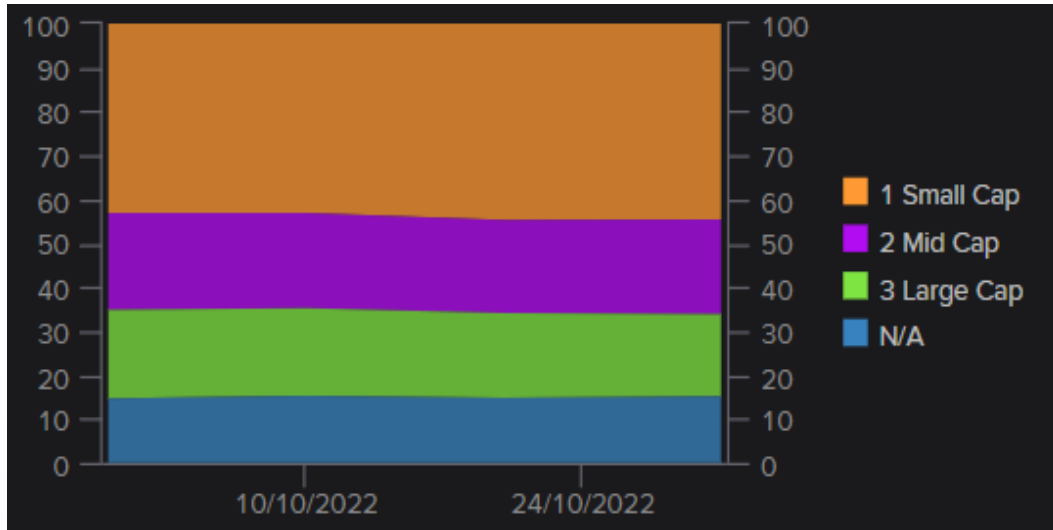
## Ex-ante analysis: Top securities which are contributing the most to total active risk (sorted by Expected Shortfall) as of 31/10/2022

	VaR 1M 95%	CVaR 1M 95%	Marginal VaR 1M 95%	Portfolio Weight %
<b>Electric Mobility Value Niche</b>	<b>10.25</b>	<b>12.88</b>	<b>10.25</b>	<b>100.00%</b>
Toda Kogyo	1.74	2.43	1.16	6.67%
Vitesco Technologies Group	1.23	1.98	0.64	5.09%
Syrah Resources	1.34	1.92	0.83	4.18%
LG Chem Preferred Stock	1.45	1.83	0.92	7.44%
Valeo	1.11	1.39	0.51	3.79%
Panasonic Holdings	0.79	1.35	0.52	7.05%
Sumitomo Metal Mining	0.96	1.31	0.49	5.08%
Eramet	0.74	1.08	0.04	2.48%
GrafTech International	0.76	1.04	0.39	3.09%
SK Innovation Pref Shs	0.77	0.96	0.64	3.75%
Showa Denko	0.64	0.93	0.61	3.69%
Teijin	0.53	0.71	0.19	4.42%
Posco Holdings	0.56	0.69	0.53	3.16%
Renault	0.48	0.63	0.05	1.85%
Volkswage Pref Shs	0.43	0.55	0.12	2.06%

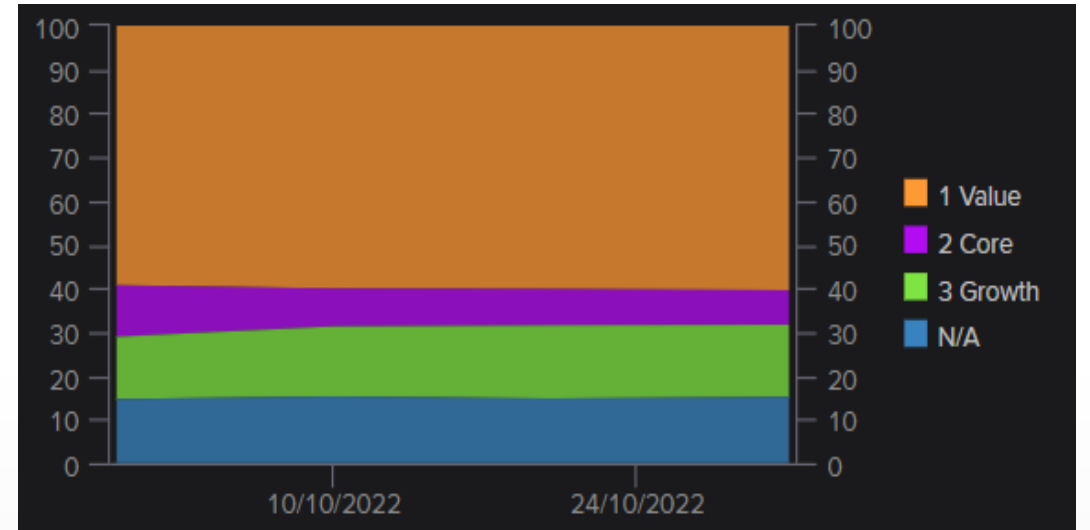
Source: MSCI RiskMetrics, Niche AM

# Ex-ante analysis Multi-Factor risk *as of 31/10/2022*

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	82%	97%	99%	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*




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

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## 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	142,24	-739,000,000 JPY	€ 5,195,499.11		16/12/2022
USD/JPY	141,50	-100,000,000 JPY	\$ 706,718.78		16/12/2022
JPY/USD	0.0067	-\$ 673,967.10	100,000,000 JPY		16/12/2022
JPY/EUR	0.0068	- € 1,654,180.44	242,000,000 JPY		16/12/2022
<b>% JPY exposure hedged</b>				<b>38%</b>	

	31 October'22
<b>Total JPY Gross Exposure</b>	<b>1,307,884,336 (48,1% AUM)</b>
<b>Total JPY hedged</b>	<b>497,000,000 (38,0% AUM)</b>
<b>Total JPY Net Exposure</b>	<b>810,884,336 (29,8% AUM)</b>

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