



# Monthly Risk Report

30 June 2020

imagine



NICHE AM

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#### Pharus Electric Mobility Niches

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

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# Summary

- Ex-ante analysis: VaR 1 month – 99%
- Portfolio: allocation & performance summary
- Ex-ante analysis : VaR by sector and country
- Ex-ante analysis : Top securities which are contributing the most to total active risk
- Ex-Ante analysis: size and style allocation
- Liquidation time horizon
- Portfolio: FX hedging

# Ex-ante analysis: VaR 1 month 99% as of 30/06/2020

	Alert Level		VaR 99% 1M Fund	VaR 99% 1M Fund (prev, month)
	I°	II°		
<i>Pharus Electric Mobility</i>	-12,0%	-17,0%	-32,13%	-33,03%

- The alert levels are linked to the 99% VaR 1M.
- As expected, the VaR continued to remain above the limits.
- An extraordinary BoD has been called on 13 May to request an extension of the waiver to risk budget. The BoD has granted a waiver for further 6 months due to the exceptional situation. A similar rise of VaR may be found in most equity indexes and when the calculation of the VaR gives a meaningful and greater weight to the more recent events (decay factor).

## VaR Sensitivity

	95% VaR	99% VaR
Historical 1D	-2,73%	-6,85%
Historical 1W	-6,10%	-15,32%
Historical 1M	-12,79%	-32,13%

Source: MSCI Risk Metrics, Niche AM

## EQUITY PORTFOLIO: Indices % price changes

Index	Price as of 30/06/2020	% Price Change 1 month (local currency)	% Price Change 1 month (€)	% Price Change Year to date (local currency)	% Price Change Year to Date (€)	% Price Change Since inception (local currency)	% Price Change Since inception (€)
<b>Pharus Electric Mobility</b>	<b>99,64</b>	<b>6,98%</b>	<b>6,98%</b>	<b>-5,45%</b>	<b>-5,45%</b>	<b>-0,36%</b>	<b>-0,36%</b>
Lithium Cells	-	21,38%	21,38%	34,70%	34,70%	44,02%	44,02%
Commodities	-	3,90%	3,90%	-15,48%	-15,48%	-16,64%	-16,64%
Cathodes	-	3,83%	3,83%	-1,12%	-1,12%	12,89%	12,89%
Anodes	-	-0,77%	-0,77%	-18,29%	-18,29%	-18,62%	-18,62%
Separators	-	-4,76%	-4,76%	-25,73%	-25,73%	-15,43%	-15,43%
Powertrains & Ultracapacitors	-	1,47%	1,47%	-22,63%	-22,63%	-7,78%	-7,78%
EV Makers	-	6,89%	6,89%	-25,04%	-25,04%	-27,86%	-27,86%
Electrolytes & Elecfoils	-	2,36%	2,36%	-13,35%	-13,35%	23,02%	23,02%
Satellite Areas	-	-0,22%	-0,22%	-23,82%	-23,82%	-22,91%	-22,91%
Global X Lithium & Battery Tech ETF (LIT)	31,65	10,90%	9,58%	15,34%	14,95%	21,87%	22,75%
Amplify Advanced Battery Metals and Materials ETF (BATT.K)	9,063	7,63%	6,36%	-15,86%	-16,07%	-16,50%	-16,37%
Tokyo Stock Exchange (,TOPX)	1558,77	-0,31%	-1,63%	-8,17%	-8,11%	0,38%	1,58%
Korea (,KS200)	289,09	4,39%	5,92%	-2,89%	-5,83%	2,94%	2,27%
Europe (,STOXX)	360,34	2,85%	2,85%	-13,51%	-13,51%	-4,74%	-4,74%

\* 10/06/2019 – Inception date

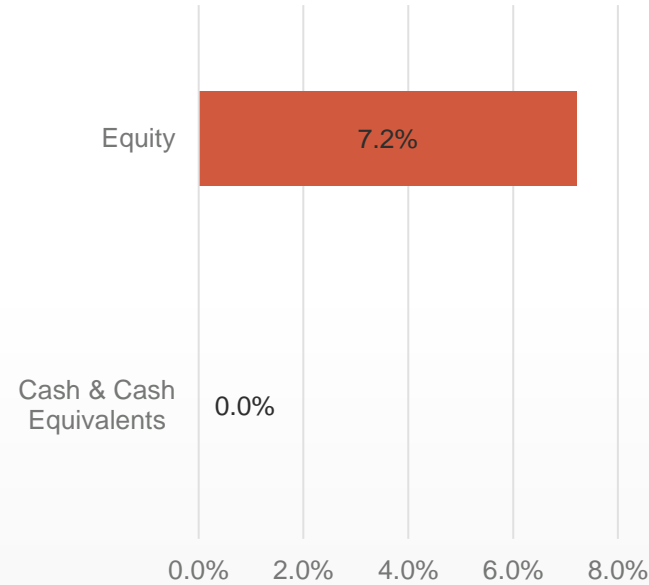
Source: Niche AM, Thomson Reuters

# PORTFOLIO: Allocation & Performance summary

NAVps: +6,98% (29 May – 30 June '20)



Performance Breakdown by Asset Class (Pure) (29 May – 30 June '20)



Equity Portfolio: Monthly performance by Sector (29 May – 30 June '20)

	Avg Weight	1 Month Return	1 Month Contribution
<b>Equity</b>	<b>96,7%</b>	<b>7,2%</b>	<b>6,98%</b>
Materials	53,9%	6,8%	3,67%
Information Technology	12,0%	18,3%	2,19%
Energy	4,2%	17,9%	0,75%
Consumer Discretionary	19,5%	1,6%	0,31%
Industrials	7,1%	0,8%	0,05%

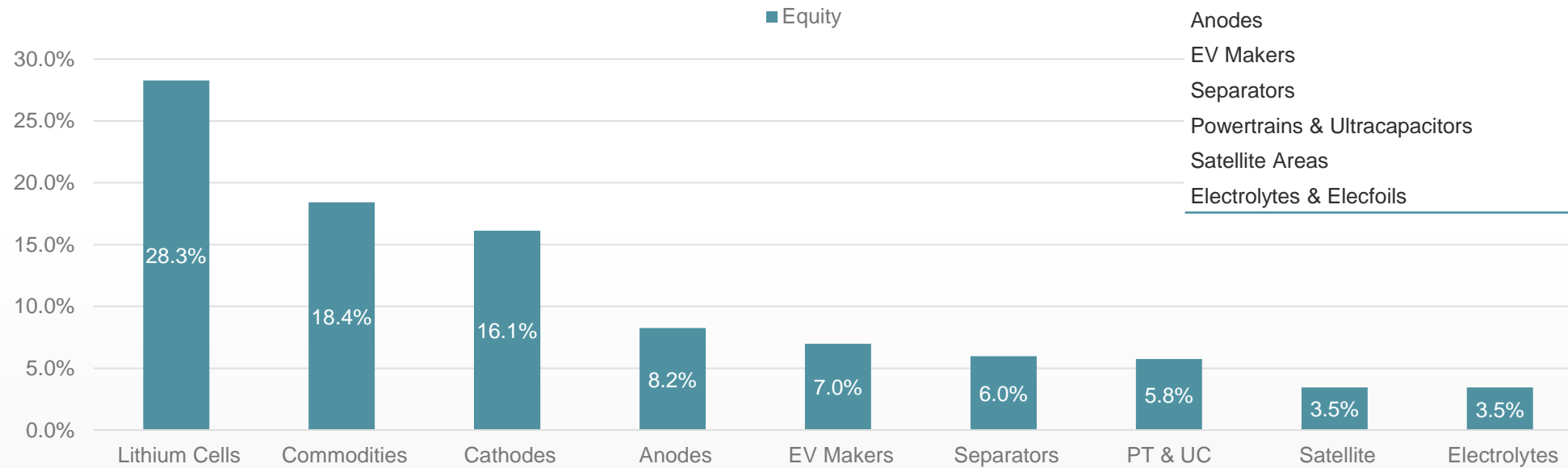
Source: Niche AM, Thomson Reuters

As of 30 June '20

AUM (€ mln) 8,586 mln

# EQUITY PORTFOLIO: Breakdown by Niches

Weight by Niche as of 30 June 2020

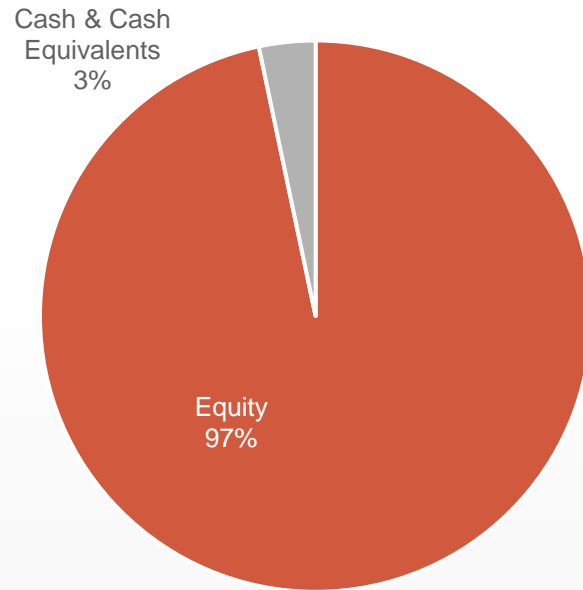


**Current Equity Exposure: 97%**

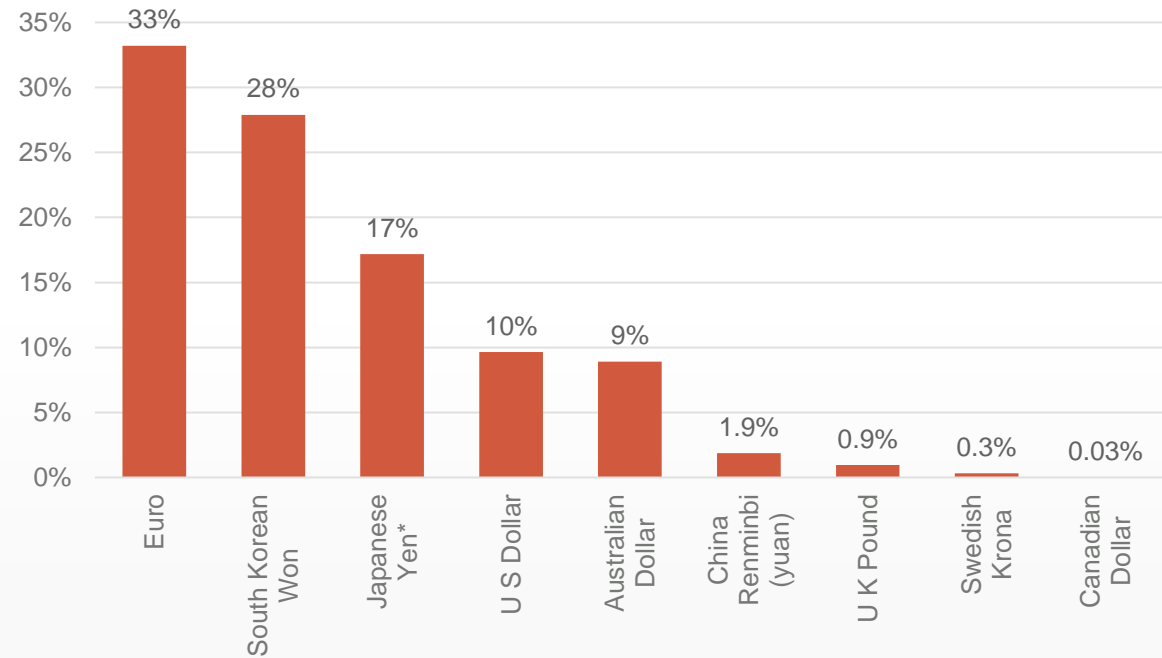
Niches	1 Month Performance
Lithium Cells	21,4%
Commodities	3,9%
Cathodes	3,8%
Anodes	-0,8%
EV Makers	6,9%
Separators	-4,8%
Powertrains & Ultracapacitors	1,5%
Satellite Areas	-0,2%
Electrolytes & Elecfolds	2,4%

# PORTFOLIO: Allocation summary

**Breakdown by Asset Class  
as of 30 June '20**



**Breakdown by Currency  
as of 30 June '20**



\*Net of hedging

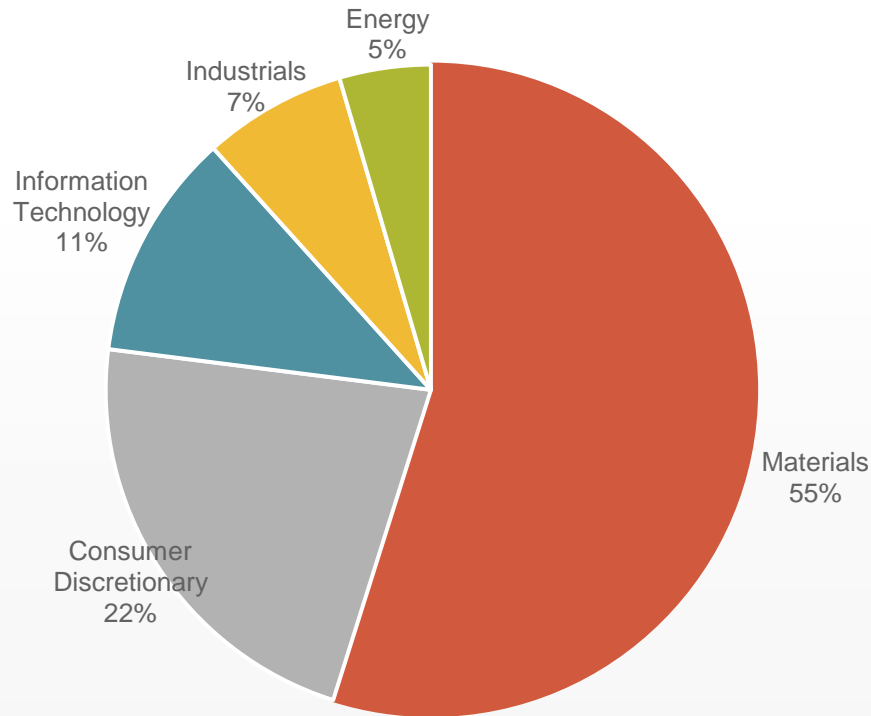
Source: Niche AM, Thomson Reuters

# EQUITY PORTFOLIO: Allocation summary

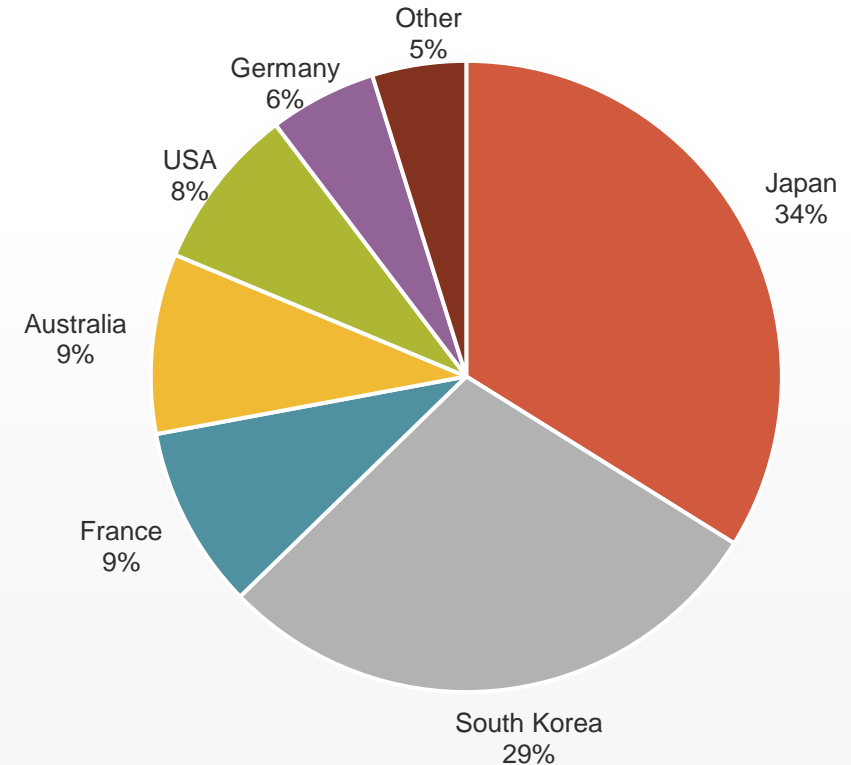
Equity Exposure: 97%

Equity Exposure previous month: 98%

**Equity Breakdown by Sector**  
as of 30 June 2020 (rebased)



**Equity Breakdown by Country**  
as of 30 June 2020 (rebased)





## ***EQUITY PORTFOLIO: Change in holdings (29 May – 30 June '20)***

	Trade	End Portfolio Weight
S&T MOTIV	BUY	0,72%
BYD	BUY	0,88%
Syrah Resources	ADD	2,50%
Panasonic	ADD	8,45%
Western Areas	ADD	5,56%
GrafTech International	ADD	1,19%
Showa Denko	ADD	1,69%
Samsung SDI Pref	REDUCE	7,51%
Nippon Chemi Con	SELL	0,00%

## EQUITY PORTFOLIO: Monthly performance (29 May – 30 June '20)

### Top performers\*

	1 Month (Portfolio)		
	Avg Weight	Return	Contribution
LG Chem Preferred Stock	7,2%	43,3%	2,44%
Samsung SDI Pref Shs	7,9%	25,1%	1,94%
Western Areas Ord Shs	5,0%	18,5%	0,90%
SK Innovation Pref Shs	4,2%	18,5%	0,72%
Ecopro Ord Shs	2,0%	22,5%	0,40%
Toda Kogyo Ord Shs	2,4%	12,6%	0,28%
Renault Ord Shs	1,9%	11,8%	0,25%
Freeport McMoRan Ord Shs	0,8%	26,1%	0,20%
Soulbrain Holdings Ord Shs	1,0%	20,6%	0,19%
Valeo Ord Shs	2,2%	6,4%	0,17%
Seronics Ord Shs	1,5%	8,0%	0,12%
BAIC Motor Ord Shs H	1,0%	11,7%	0,11%
Eramet Ord Shs	2,6%	2,1%	0,10%
Nippon Chemi Con Ord Shs	0,4%	13,6%	0,09%
CosmoAM&T Ord Shs	0,9%	8,5%	0,08%

### Bottom performers

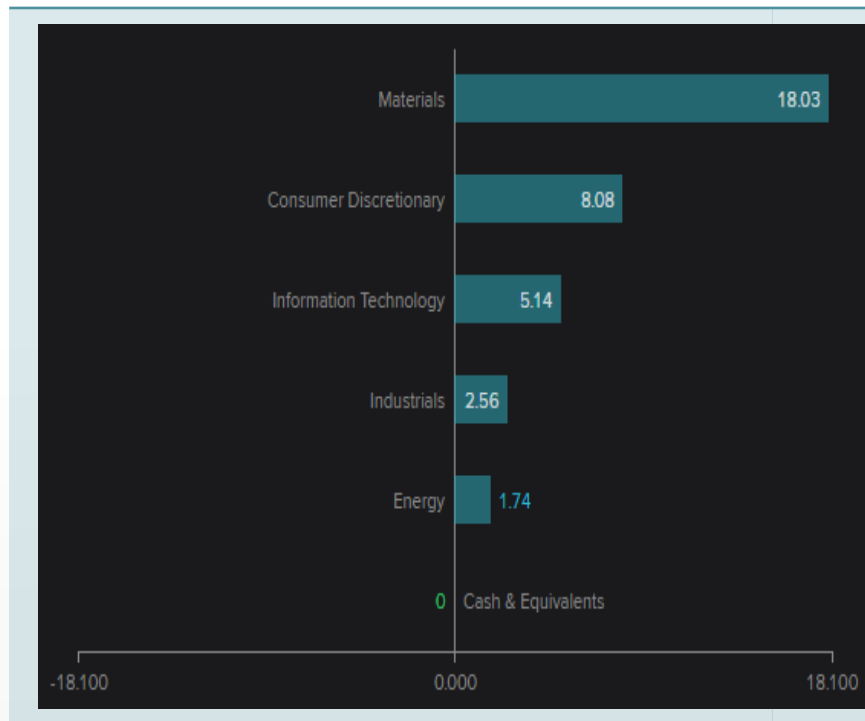
	1 Month (Portfolio)		
	Avg Weight	Return	Contribution
Panasonic Ord Shs	7,2%	-3,7%	-0,31%
MMC Norilsk Nickel PJSC ADR Ord Shs	1,1%	-18,1%	-0,23%
Syrah Resources Ord Shs	2,9%	-3,0%	-0,20%
Nippon Kodoshi Ord Shs	0,7%	-19,2%	-0,14%
Showa Denko Ord Shs	1,7%	-7,4%	-0,13%
Livent Ord Shs	1,7%	-9,7%	-0,13%
Cosmo Chemical Ord Shs	2,0%	-5,2%	-0,10%
Sumitomo Chemical Ord Shs	2,2%	-4,9%	-0,10%
Nihon Kagaku Sangyo Ord Shs	1,1%	-6,6%	-0,08%
Teijin Ord Shs	1,9%	-4,1%	-0,08%
Nippon Chemical Industrial Ord Shs	1,3%	-4,5%	-0,06%
Voltabox Ord Shs	0,2%	-26,1%	-0,05%
Sumitomo Ord Shs	0,8%	-6,1%	-0,05%
S&T MOTIV Ord Shs	0,3%	-6,3%	-0,05%
Ube Industries Ord Shs	0,9%	-5,1%	-0,05%

\*Sorted from highest to lowest by Contribution

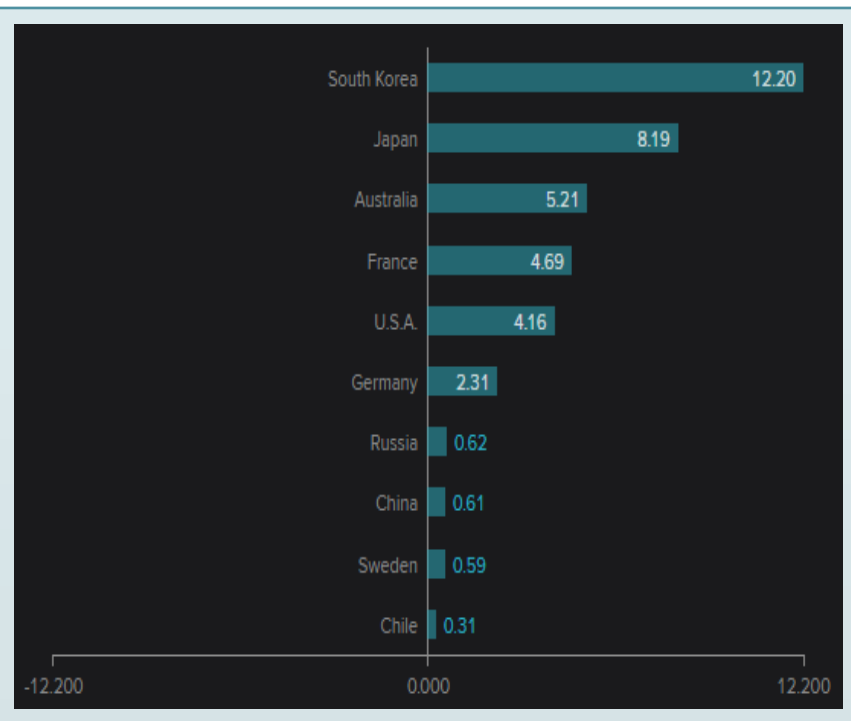
# Ex-ante analysis: VaR 1 month 99%

as of 30/06/2020

**VAR 1M – 99% BY GICS SECTOR  
AS OF 30/06/2020**



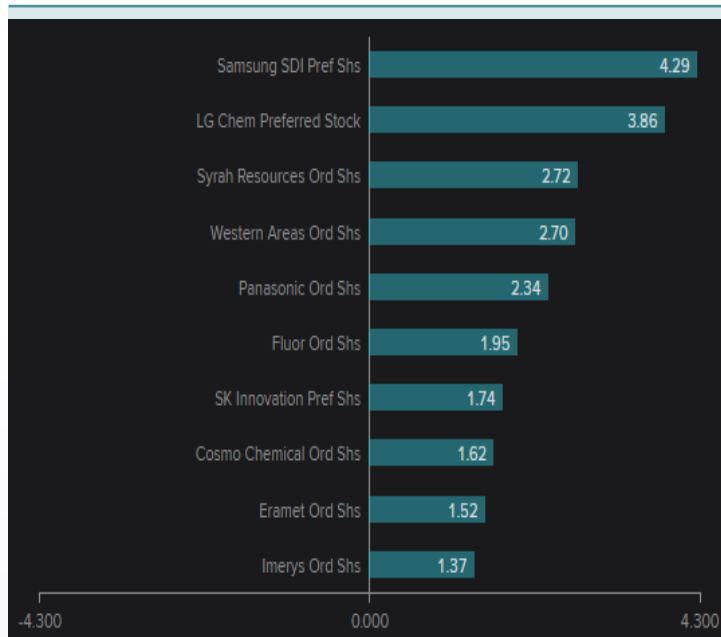
**VAR 1M – 99% BY COUNTRY  
AS OF 30/06/2020**



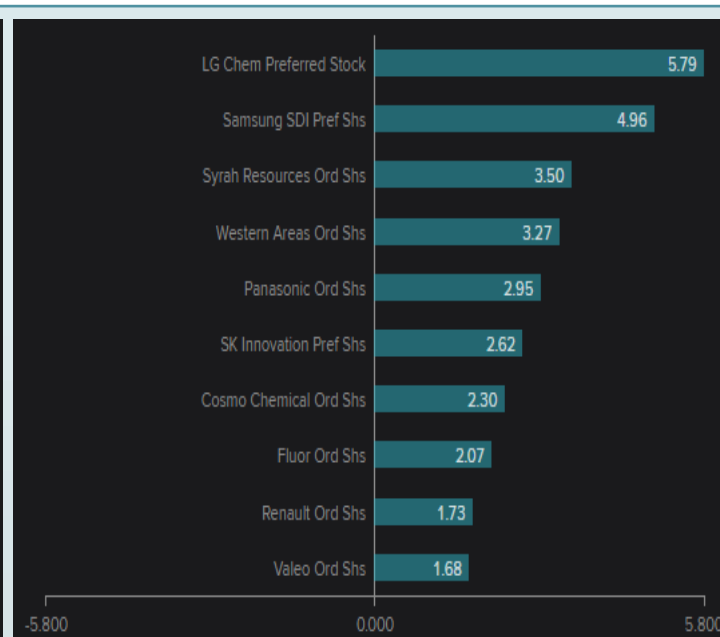
Source: MSCI RiskMetrics, Niche

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

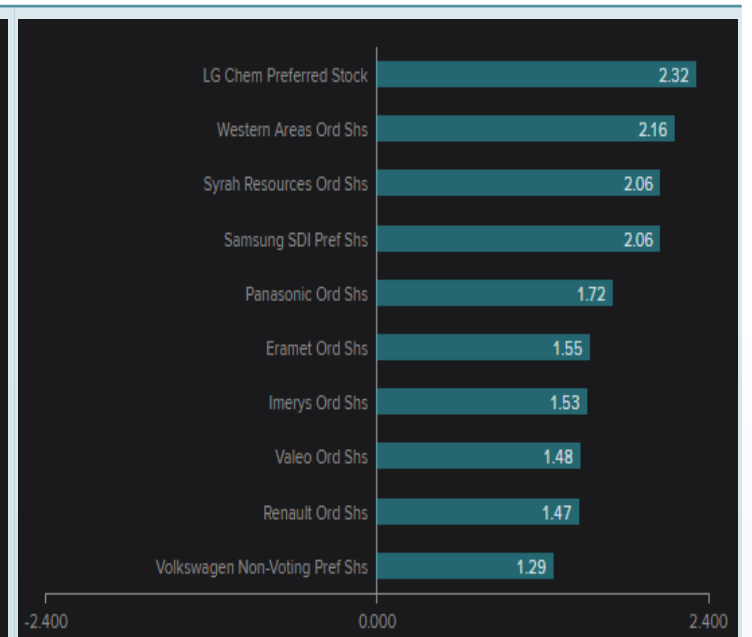
**VAR TOP 10 SECURITIES  
AS OF 30/06/2020**



**CVAR TOP 10 SECURITIES  
AS OF 30/06/2020**



**MVAR TOP 10 SECURITIES  
AS OF 30/06/2020**



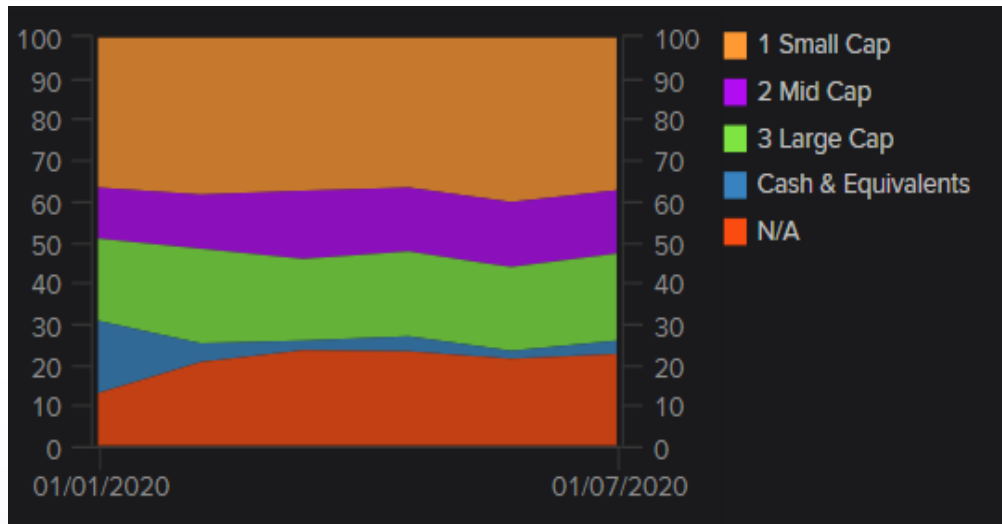
## Ex-ante analysis: Top securities which are contributing the most to total active risk (sorted by Expected Shortfall) *as 30/06/2020*

	VaR 1M 95%	VaR 1M 99%	Portfolio Weight %	CVaR 1M 99%	Marginal VaR
<b>Pharus Electric Mobility</b>	<b>12,79</b>	<b>32,13</b>	<b>100,00%</b>	<b>36,69</b>	<b>32,13</b>
LG Chem Preferred	1,82	3,86	7,95%	5,79	2,32
Samsung SDI Pref	1,53	4,29	7,51%	4,96	2,06
Syrah Resources	1,17	2,72	2,50%	3,50	2,06
Western Areas	1,26	2,70	5,56%	3,27	2,16
Panasonic	1,38	2,34	8,45%	2,95	1,72
SK Innovation Pref	0,93	1,74	4,39%	2,62	0,93
Cosmo Chemical	0,61	1,62	1,88%	2,30	0,65
Fluor	0,93	1,95	1,68%	2,07	0,99
Renault	0,60	1,33	1,92%	1,73	1,47
Valeo	0,63	1,09	2,20%	1,68	1,48
Imerys	0,55	1,37	2,46%	1,59	1,53
Eramet	0,62	1,52	2,45%	1,58	1,55
Continental	0,47	1,00	2,24%	1,57	1,13
Ecopro	0,54	1,12	1,96%	1,55	0,66
Albemarle	0,62	1,35	2,23%	1,43	1,13

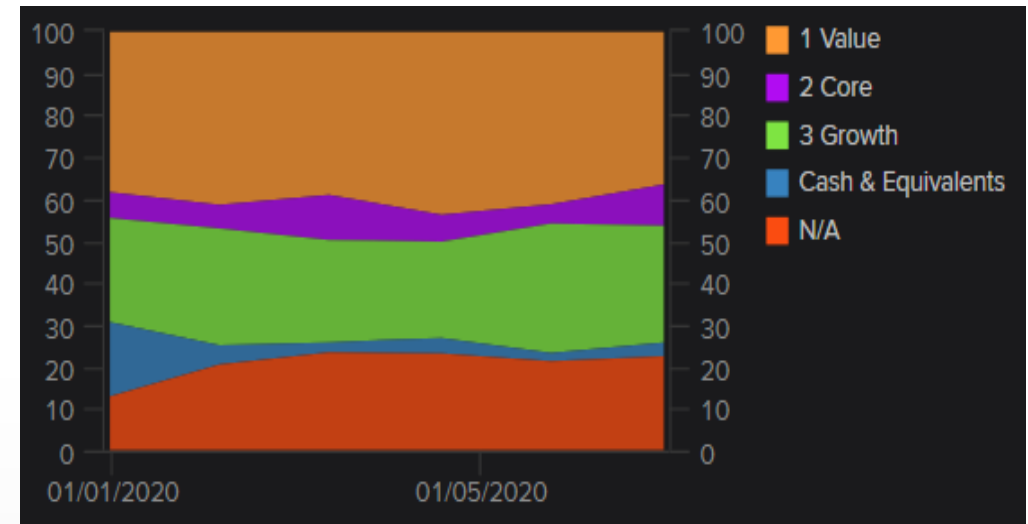
Source: MSCI RiskMetrics, Niche

# Ex-ante analysis Multi-Factor risk *as of 30/06/2020*

Size Allocation



Style Allocation



Source: Thomson Reuters, Niche AM

# Liquidation time horizon and stress test

	1 day	5 days	10 days	30 days
Pharus Electric Mobility	95%	100%	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 20% 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 20% of the portfolio: 1 day**

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# PORTFOLIO: FX hedging

*Forex outright trades in place: YEN*

30-June-20

<b>Total JPY Exposure</b>	<b>341,573,221 (33% AUM)</b>
<b>Total JPY Net Exposure</b>	<b>178,573,221 (17% AUM)</b>

Currency Pair	<u>RATE</u>	Amount sold in JPY	Amount bought in euro	Amount as a % of total JPY Exposure	Maturity
JPY	120,3875	-163,000,000	1,353,961	<b>48%</b>	25/09/2020



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