



# Monthly Risk Report

28 February 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 active risk
- Ex-Ante analysis: size and style allocation
- Liquidation time horizon
- Portfolio: FX hedging

## Ex-ante analysis: VaR 1 month 99% as of 28/02/2020

	Alert Level		VaR 99% 1M Fund	VaR 99% 1M Fund (prev, month)
	I°	II°		
<i>Pharus Electric Mobility</i>	-12,0%	-17,0%	-15,59%	-12,58%

- The alert levels are linked to the 99% VaR 1M.
- VaR spike is driven by Covid-19 in the second half of February, where the VaR of the fund increased by about 300bps (from 12.6% to 15.6%).
- The current VaR level is below the second alert level internally set, despite the extreme volatility spike and the fund being almost fully invested. The fund is well below the maximum level stated by CESR guidelines on Risk Measurement (-20% VaR 1M 99%).

### VaR Sensitivity

	95% VaR	99% VaR
Historical 1D	-1,71%	-3,32%
Historical 1W	-3,83%	-7,43%
Historical 1M	-8,04%	-15,59%

Source: MSCI Risk Metrics, Niche AM

## EQUITY PORTFOLIO: Indices % price changes

Index	Price as of 28/02/2020	% Price Change 1 month (local currency)	% Price Change 1 month (€)	% Price Change Since inception (local currency)	% Price Change since inception (€)
<b>Pharus Electric Mobility</b>	<b>95,46</b>	<b>-8,88%</b>	<b>-8,88%</b>	<b>-4,54%</b>	<b>-4,54%</b>
Lithium Cells	-	3,06%	3,06%	16,11%	16,11%
Commodities	-	-10,86%	-10,86%	-13,90%	-13,90%
Cathodes	-	-13,61%	-13,61%	-1,45%	-1,45%
Anodes	-	-11,54%	-11,54%	-15,03%	-15,03%
Seperators	-	-13,30%	-13,30%	-5,90%	-5,90%
Powertrains & Ultracapacitors	-	-8,70%	-8,70%	1,36%	1,36%
EV Makers	-	-17,18%	-17,18%	-23,96%	-23,96%
Electrolytes & Electrodes	-	-10,01%	-10,01%	30,68%	30,68%
Satellite Areas	-	-26,30%	-26,30%	-29,15%	-29,15%
Global X Lithium & Battery Tech ETF (LIT)	28,03	-2,40%	-1,80%	7,93%	10,74%
Tokyo Stock Exchange (.TOPX)	1510,87	-10,30%	-9,49%	-2,71%	0,16%
Korea (.KS200)	268,02	-5,80%	-5,64%	-1,50%	-0,38%

\* 10/06/2019 – Inception date

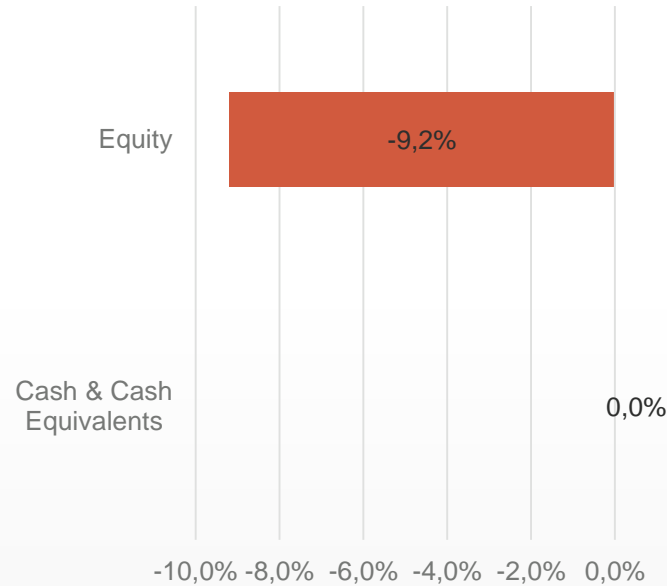
Source: Niche AM, Thomson Reuters

# PORTFOLIO: Allocation & Performance summary

**NAVps: -8,88% (31 January – 28 February'20)**



**Performance Breakdown by Asset Class (Pure) (31 January – 28 February'20)**



**Equity Portfolio: Monthly performance by Sector (31 January – 28 February'20)**

	Avg Weight	1 Month Return	Contribution
<b>Equity</b>	<b>96,0%</b>	<b>-9,2%</b>	<b>-8,84%</b>
Information Technology	13,8%	10,3%	1,42%
Energy	4,4%	-23,6%	-1,03%
Industrials	7,2%	-22,1%	-1,58%
Consumer Discretionary	19,0%	-9,9%	-1,89%
Materials	51,7%	-11,1%	-5,76%

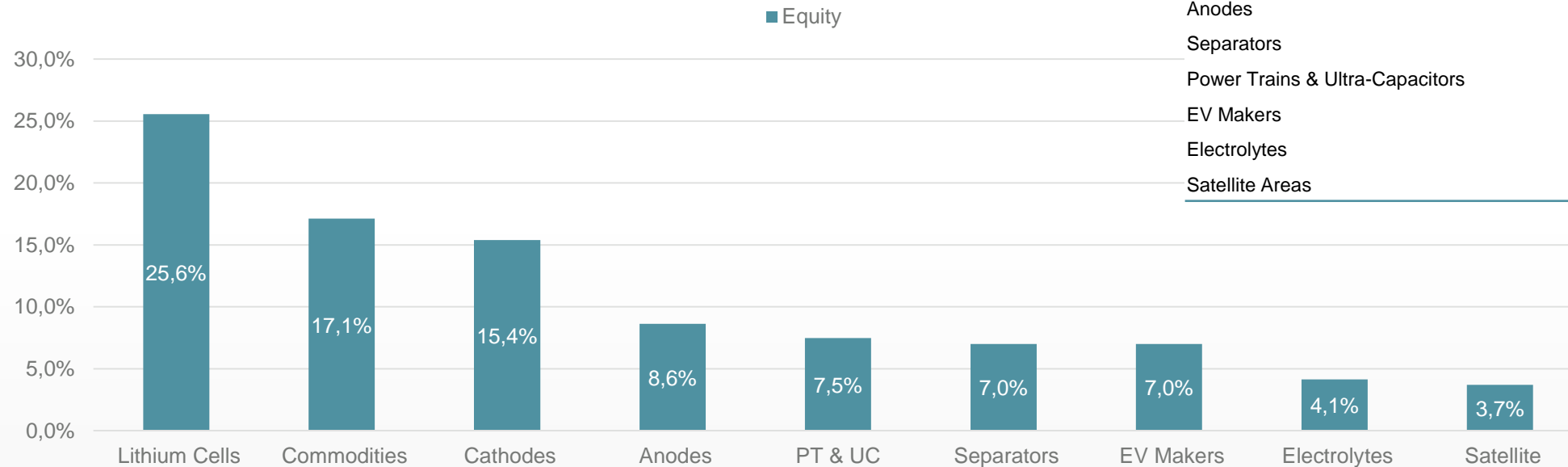
Source: Niche AM, Thomson Reuters

**As of 28 Feb '20**

AUM (€ mln) 7,645 mln

# EQUITY PORTFOLIO: Breakdown by Niches

**Weight by Niche as of 28 February 2020**  
**\*rebased**

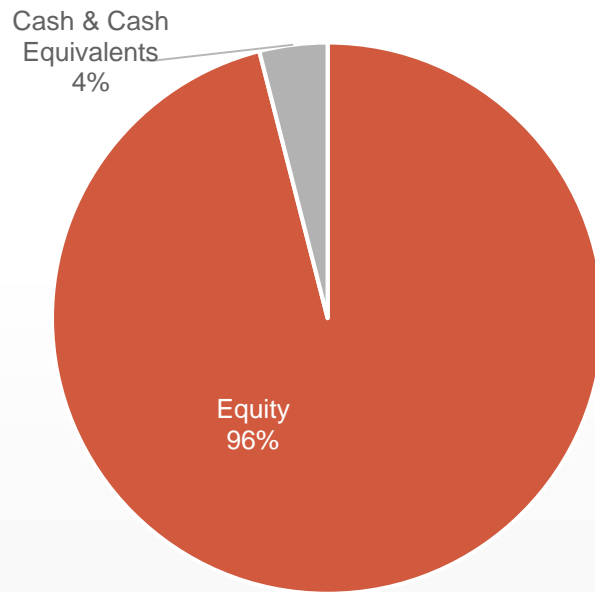


**Current Equity Exposure: 96%**

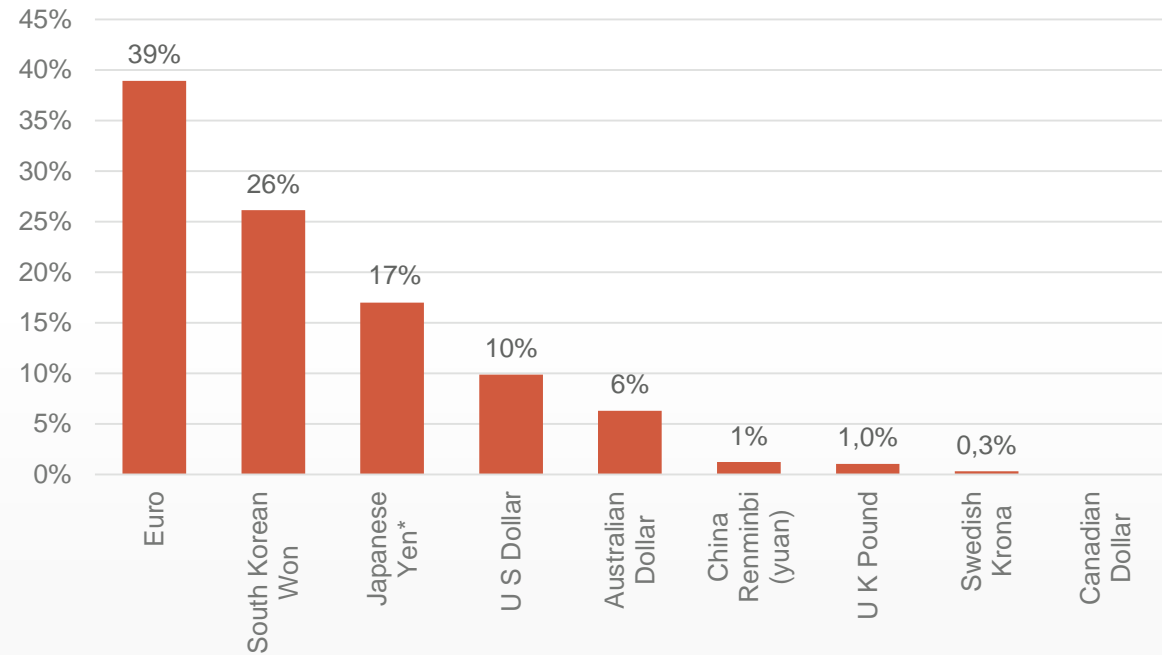
Niches	1 Month Performance
Lithium Cells	3,1%
Commodities	-10,9%
Cathodes	-13,6%
Anodes	-11,5%
Separators	-13,3%
Power Trains & Ultra-Capacitors	-8,7%
EV Makers	-17,2%
Electrolytes	-10,0%
Satellite Areas	-26,3%

# PORTFOLIO: Allocation summary

**Breakdown by Asset Class  
as of 28 February '20**



**Breakdown by Currency  
as of 28 February '20**



\*Net of hedging

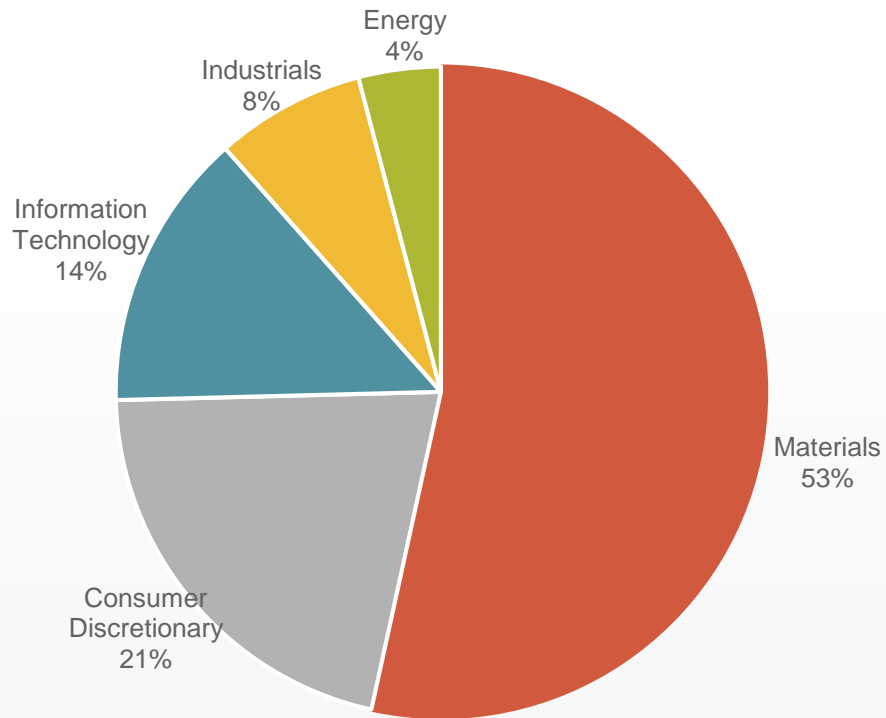
Source: Niche AM, Thomson Reuters

# EQUITY PORTFOLIO: Allocation summary

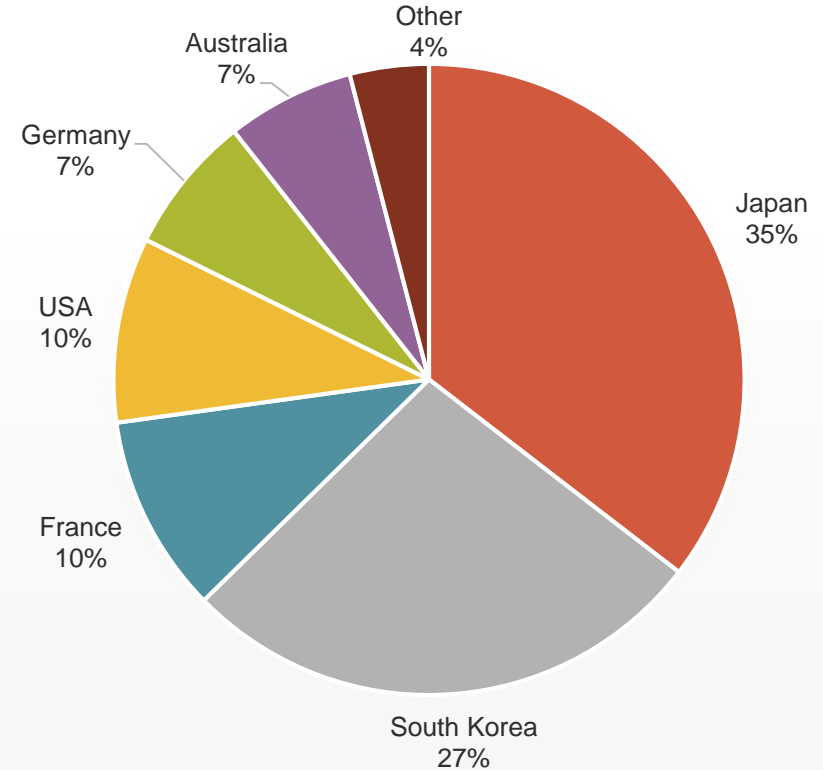
Equity Exposure: 96%

Equity Exposure previous month: 94%

**Equity Breakdown by Sector**  
as of 28 February 2020 (rebased)



**Equity Breakdown by Country**  
as of 28 February 2020 (rebased)





## ***EQUITY PORTFOLIO: Change in holdings (31 January – 28 February '20)***

	Trade	End Portfolio Weight
Western Areas Ord Shs	ADD	3,56%
Seronics Ord Shs	ADD	1,84%
Nihon Kagaku Sangyo Ord Shs	ADD	1,14%
Asahi Kasei Ord Shs	ADD	1,08%
Fluor Ord Shs	ADD	1,49%
Valeo Ord Shs	ADD	2,41%
Eramet Ord Shs	ADD	2,54%
Continental Ord Shs	ADD	2,94%
Volkswagen Non-Voting Pref Shs	ADD	1,83%
Samsung SDI Pref Shs	REDUCE	6,92%
Infineon Technologies Ord Shs	SELL	0,00%

## EQUITY PORTFOLIO: Monthly performance (31 January – 28 February '20)

### Top performers\*

	1 Month (Portfolio)		
	Avg Weight	Return	Contribution
Samsung SDI Pref Shs	7,3%	23,6%	1,64%
LG Chem Preferred Stock	6,6%	5,5%	0,28%
Ecopro Ord Shs	1,7%	11,2%	0,14%
Samsung SDI Ord Shs	1,1%	7,1%	0,06%
Infineon Technologies Ord Shs	0,2%	13,2%	0,06%
Albemarle Ord Shs	2,6%	2,6%	0,05%
Sociedad Quimica y Minera de Chile Ord Shs	0,6%	-2,0%	-0,02%
Conic Metals Ord Shs	0,1%	-34,7%	-0,02%
BAIC Motor Ord Shs H	1,2%	-1,1%	-0,02%
Daimler Ord Shs	0,3%	-10,2%	-0,03%
Denso Ord Shs	0,5%	-6,2%	-0,03%
MMC Norilsk Nickel PJSC Ord Shs	0,6%	-5,4%	-0,03%
Voltabox Ord Shs	0,3%	-14,1%	-0,04%
Veoneer Ord Shs	0,9%	-4,9%	-0,04%
Stella Chemifa Ord Shs	0,3%	-12,0%	-0,04%

### Bottom performers

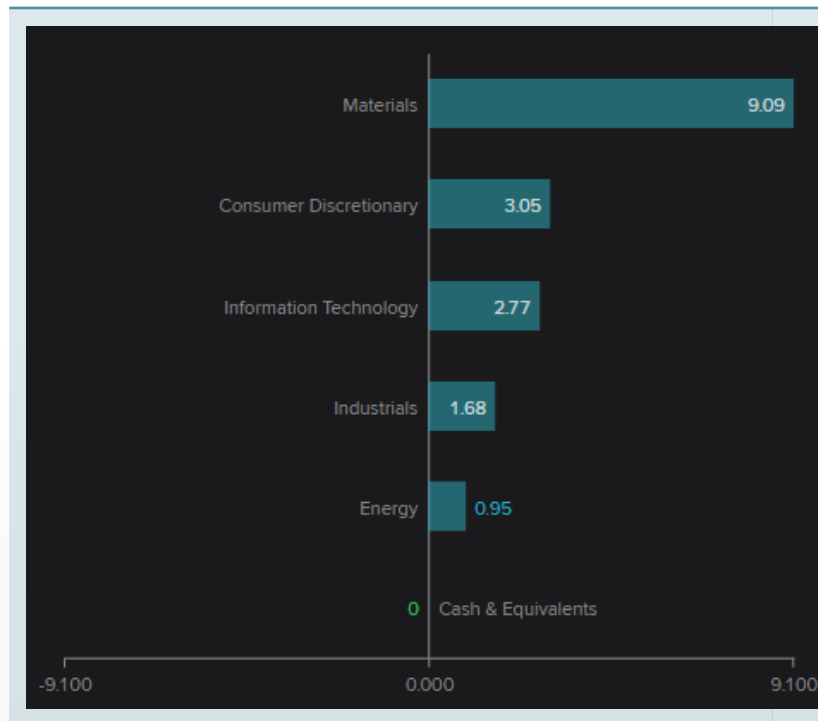
	1 Month (Portfolio)		
	Avg Weight	Return	Contribution
SK Innovation Pref Shs	4,4%	-21,8%	-0,96%
Fluor Ord Shs	1,3%	-47,0%	-0,65%
Syrah Resources Ord Shs	2,3%	-26,3%	-0,59%
Eramet Ord Shs	2,4%	-22,8%	-0,53%
Renault Ord Shs	2,1%	-24,8%	-0,53%
Sumitomo Chemical Ord Shs	3,0%	-16,0%	-0,50%
Nippon Chemical Industrial Ord Shs	1,6%	-27,5%	-0,48%
Sumitomo Metal Mining Ord Shs	2,8%	-14,4%	-0,41%
Panasonic Ord Shs	7,0%	-5,6%	-0,39%
Tanaka Chemical Ord Shs	1,3%	-28,7%	-0,39%
Toda Kogyo Ord Shs	2,6%	-14,2%	-0,38%
Valeo Ord Shs	1,9%	-15,4%	-0,37%
Imerys Ord Shs	3,1%	-10,2%	-0,31%
Western Areas Ord Shs	3,3%	-7,8%	-0,29%
Cosmo Chemical Ord Shs	2,3%	-13,2%	-0,28%

\*Sorted from highest to lowest by Contribution

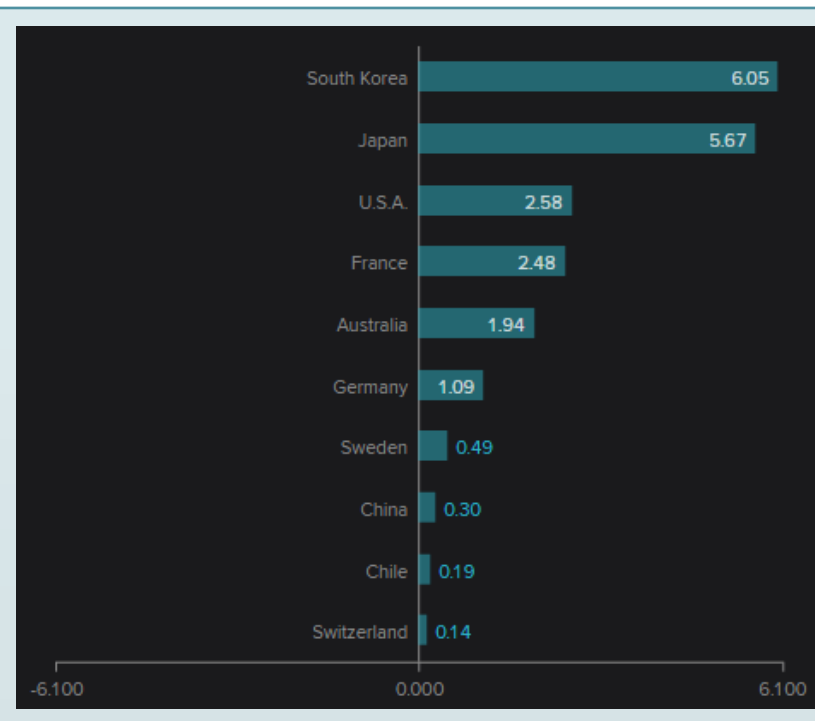
# Ex-ante analysis: VaR 1 month 99%

as of 28/02/2020

**VAR 1M – 99% BY GICS SECTOR  
AS OF 28/02/2020**



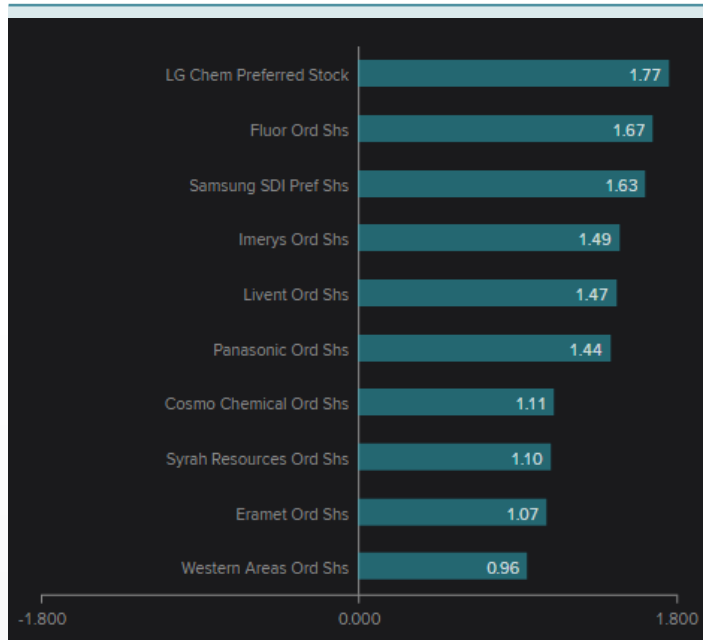
**VAR 1M – 99% BY COUNTRY  
AS OF 28/02/2020**



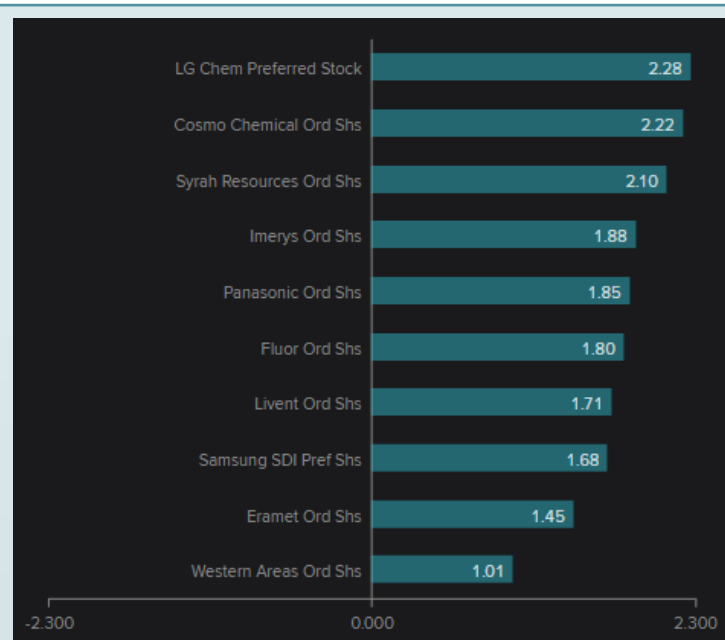
Source: MSCI RiskMetrics, Niche

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

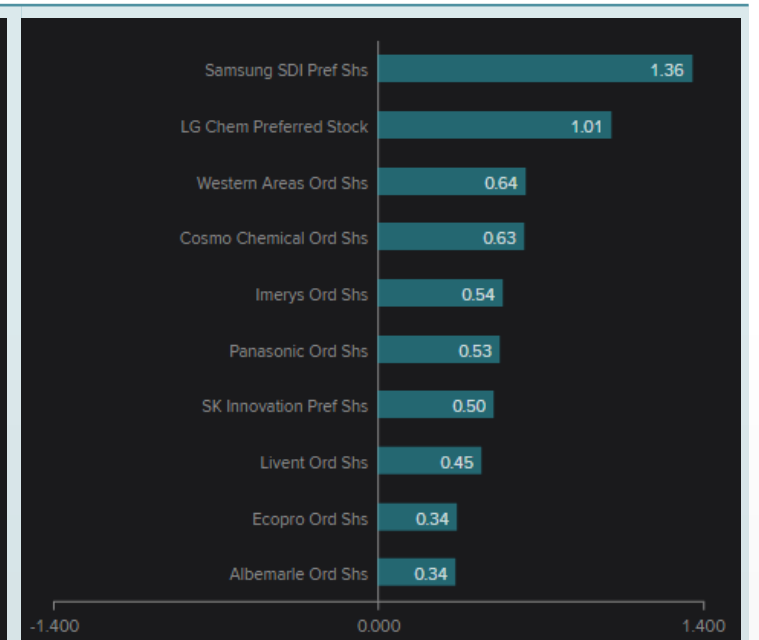
**VAR TOP 10 SECURITIES  
AS OF 28/02/2020**



**CVAR TOP 10 SECURITIES  
AS OF 28/02/2020**



**MVAR TOP 10 SECURITIES  
AS OF 28/02/2020**



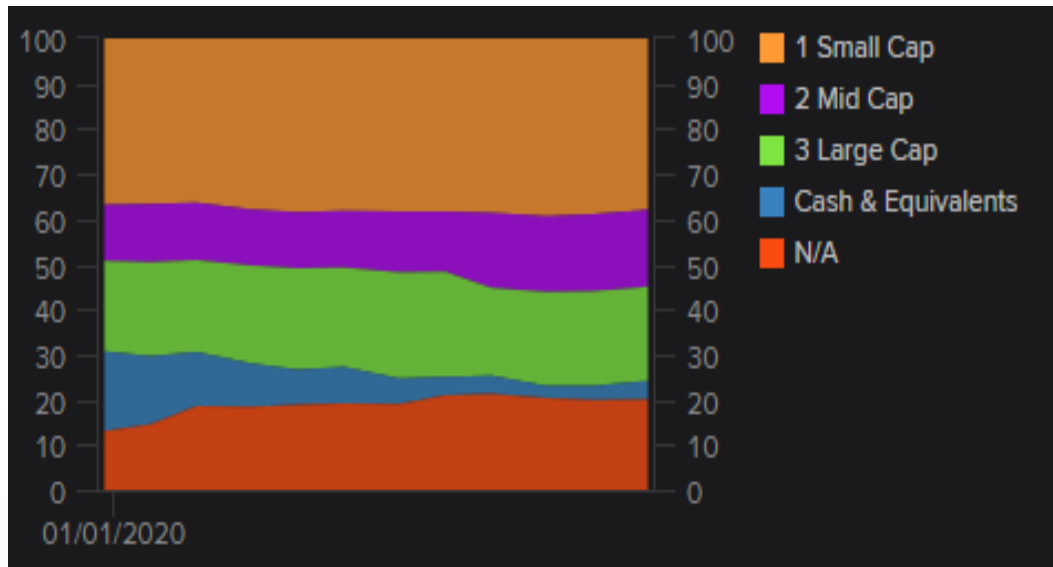
## Ex-ante analysis: Top securities which are contributing the most to total active risk (sorted by Expected Shortfall) *as 28/02/2020*

	VaR 1M 95%	VaR 1M 99%	Portfolio Weight %	CVaR 1M 99%	Marginal VaR
<b>Pharus Electric Mobility</b>	<b>8,04</b>	<b>15,59</b>	<b>100,00%</b>	<b>19,72</b>	<b>15,59</b>
LG Chem Preferred Stock	0,97	1,77	6,80%	2,28	1,01
Cosmo Chemical Ord Shs	0,58	1,11	2,08%	2,22	0,63
Syrah Resources Ord Shs	0,57	1,10	1,82%	2,10	0,26
Imerys Ord Shs	0,49	1,49	2,96%	1,88	0,54
Panasonic Ord Shs	0,76	1,44	6,86%	1,85	0,53
Fluor Ord Shs	0,36	1,67	1,49%	1,80	0,32
Livent Ord Shs	0,71	1,47	2,34%	1,71	0,45
Samsung SDI Pref Shs	1,19	1,63	6,92%	1,68	1,36
Eramet Ord Shs	0,57	1,07	2,54%	1,45	0,13
Western Areas Ord Shs	0,67	0,96	3,56%	1,01	0,64
Seronics Ord Shs	0,27	0,55	1,84%	0,97	0,25
SK Innovation Pref Shs	0,48	0,95	3,92%	0,97	0,50
Albemarle Ord Shs	0,51	0,78	2,70%	0,96	0,34
Ecopro Ord Shs	0,40	0,71	1,73%	0,88	0,34
Renault Ord Shs	0,30	0,56	1,84%	0,81	0,31

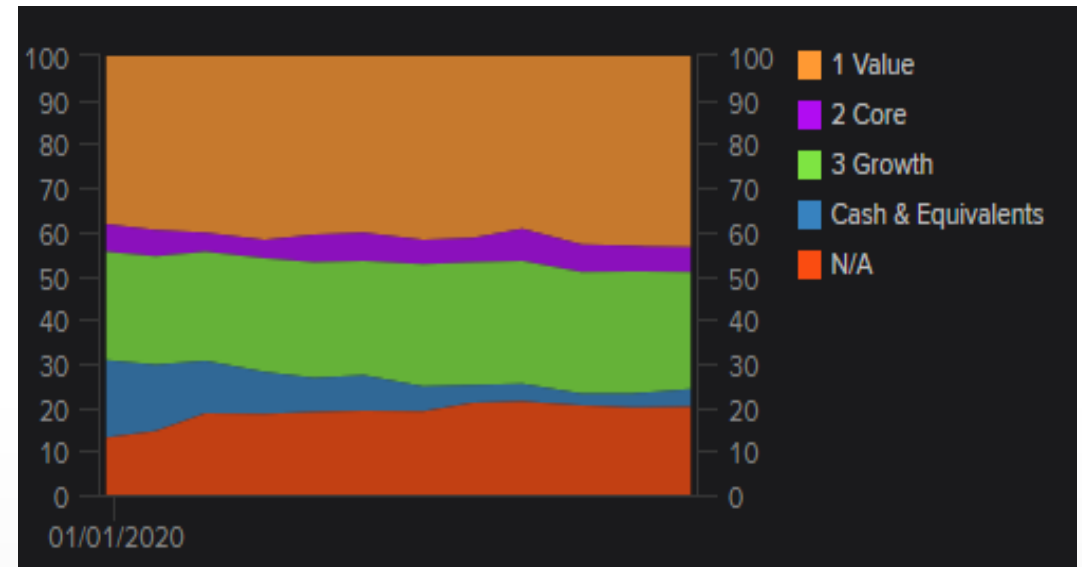
Source: MSCI RiskMetrics, Niche

# Ex-ante analysis Multi-Factor risk *as of 28/02/2020*

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	92%	98%	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 20% of volumes; average 3 months volumes 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*

28-Feb-19

**Total JPY Exposure**      319.478.175 (35% AUM)  
**Total JPY Net Exposure**    156.478.175 (17% AUM)

Currency Pair	<u>RATE</u>	Amount sold in JPY	Amount bought in euro	Amount as a % of total JPY Exposure	Maturity
JPY	121,28	-163.000.000	1.345.684	<b>51%</b>	27/03/2020



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