



Monthly Risk Report

31 December 2019

imagine



NICHE AM

Pharus Electric Mobility Niches

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

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
- Stress test: absolute change of Shocks by Region
- Stress test: historical scenario
- Liquidation time horizon
- Portfolio: FX hedging

Ex-ante analysis: VaR 1 month 99% as of 31/12/19

	Alert Level		VaR 99% 1M Fund	VaR 99% 1M Fund (prev, month)
	I°	II°		
<i>Pharus Electric Mobility</i>	-12,0%	-17,0%	-11,49%	-13,08%

- The alert levels are linked to the 99% VaR 1M,
- The VaR 99% ex-ante – 1 month horizon – is below the maximum level stated by CESR guidelines on Risk Measurement (-20% VaR 1 day 99%), VaR decreased in December by 1,5%, We are comfortably below the first limit internally set,

VaR Sensitivity

	95% VaR	99% VaR
Historical 1D	-1,39%	-2,45%
Historical 1W	-5,48%	-5,48%
Historical 1M	-6,53%	-11,49%

Source: MSCI Risk Metrics, Niche AM

EQUITY PORTFOLIO: Indices % price changes

Index	Price as of 31/12/19	% Price Change 1 month (local currency)	% Price Change 1 month (€)	% Price Change Since inception (local currency)	% Price Change since inception (€)
Pharus Electric Mobility	106,29	2,16%	2,16%	6,29%	6,29%
Lithium Cells	-	1,75%	1,75%	6,72%	6,72%
Commodities	-	14,19%	14,19%	-1,23%	-1,23%
Cathodes	-	6,26%	6,26%	14,17%	14,17%
Anodes	-	0,01%	0,01%	2,18%	2,18%
Seperators	-	1,42%	1,42%	14,29%	14,29%
Powertrains & Ultracapacitors	-	2,47%	2,47%	23,41%	23,41%
EV Makers	-	-0,69%	-0,69%	-2,49%	-2,49%
Electrolytes & Elecfoils	-	4,11%	4,11%	43,43%	43,43%
Satellite Areas	-	5,18%	5,18%	1,20%	1,20%
Adas	-	-1,55%	-1,55%	17,03%	17,03%
Global X Lithium & Battery Tech ETF (LIT)	27,34	7,55%	5,68%	5,28%	6,23%
Tokyo Stock Exchange (TOPX)	1721,36	1,30%	0,24%	10,85%	11,54%
Korea (KS200)	293,77	6,14%	6,56%	7,96%	11,53%

* 10/06/2019 – Inception date

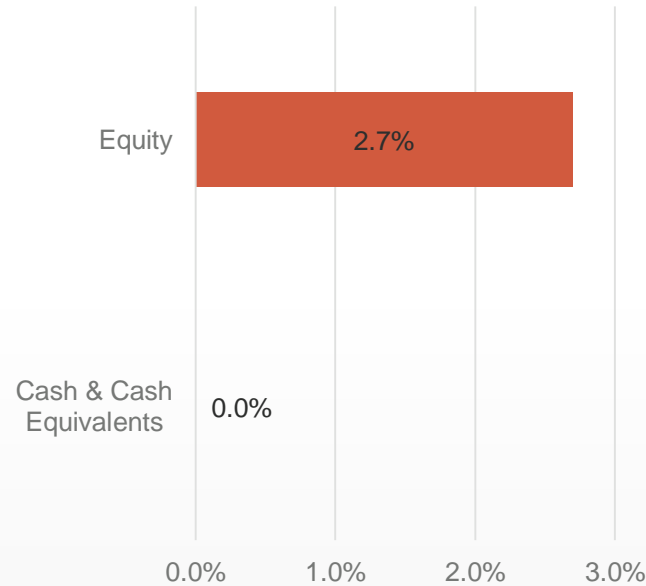
Source: Niche AM, Thomson Reuters

PORTFOLIO: Allocation & Performance summary

NAVps: 2,16% (30 November – 31 December '19)



Performance Breakdown by Asset Class (Pure) (30 November – 31 December '19)



Equity Portfolio: Monthly performance by Sector (30 November – 31 December '19)

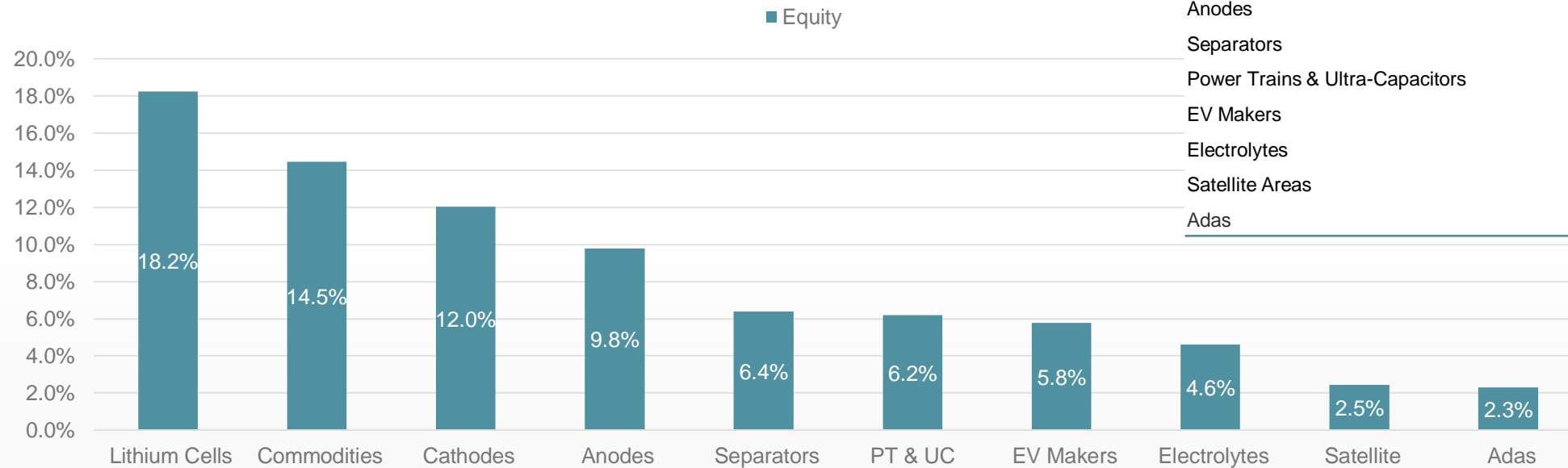
	Avg Weight	1 Month Return	1 Month Contribution
Equity	82,3%	2,7%	2,2%
Materials	43,6%	5,3%	2,3%
Consumer Discretionary	17,1%	-2,4%	-0,4%
Information Technology	9,6%	3,2%	0,3%
Industrials	8,2%	-0,2%	0,0%
Energy	3,9%	1,1%	0,0%

Source: Niche AM, Thomson Reuters

As of 31 Dec '19	
AUM (€ mln)	7,517 mln

EQUITY PORTFOLIO: Breakdown by Niches

Weight by Niche as of 31 December 2019
***rebased**

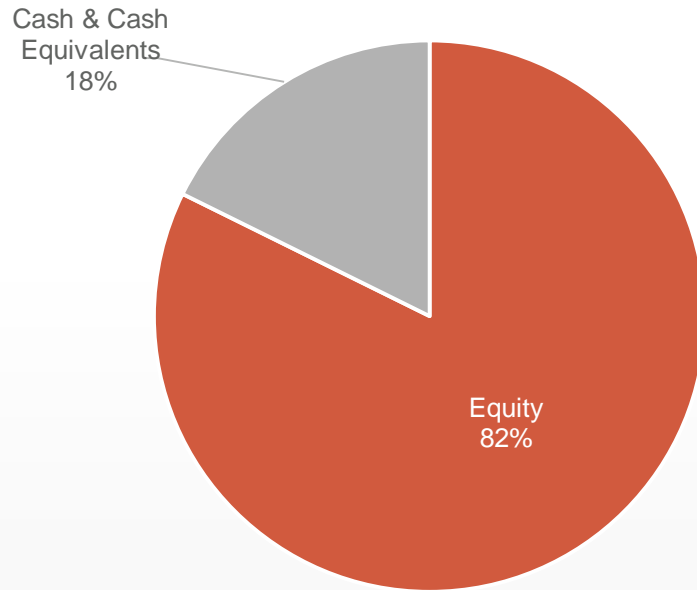


Niches	1 Month Performance
Lithium Cells	1,7%
Commodities	14,2%
Cathodes	6,3%
Anodes	0,0%
Separators	1,4%
Power Trains & Ultra-Capacitors	-2,5%
EV Makers	-0,7%
Electrolytes	4,1%
Satellite Areas	5,2%
Adas	-1,5%

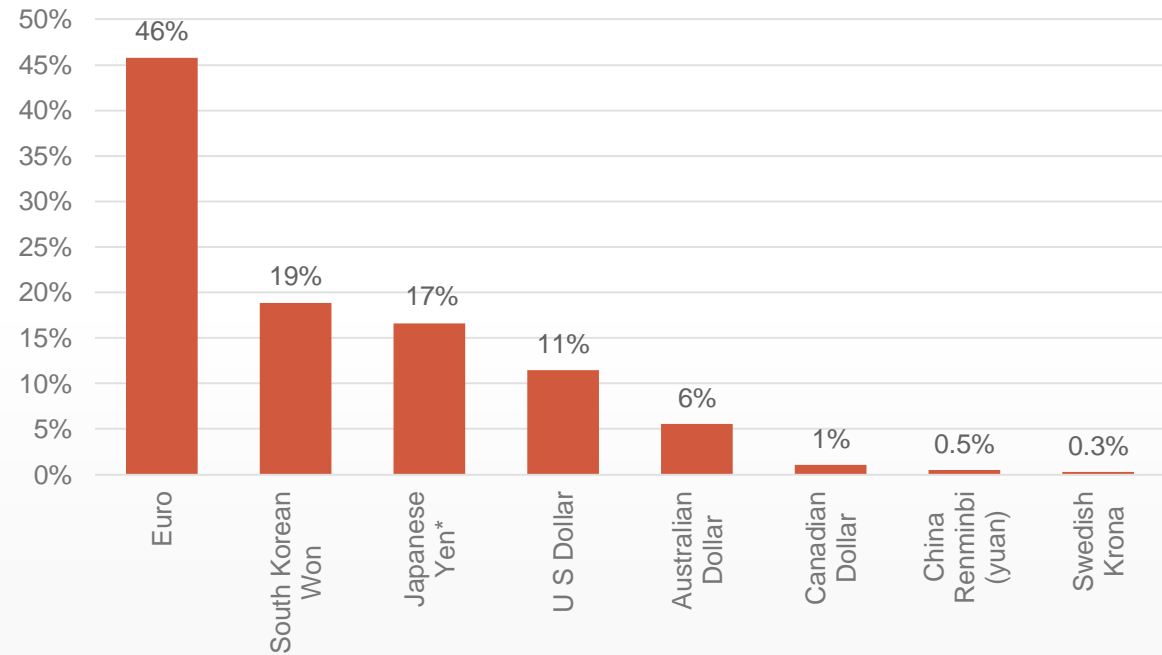
Current Equity Exposure: 82%

PORTFOLIO: Allocation summary

**Breakdown by Asset Class
as of 31 December '19**



**Breakdown by Currency
as of 31 December '19**



*Net of hedging

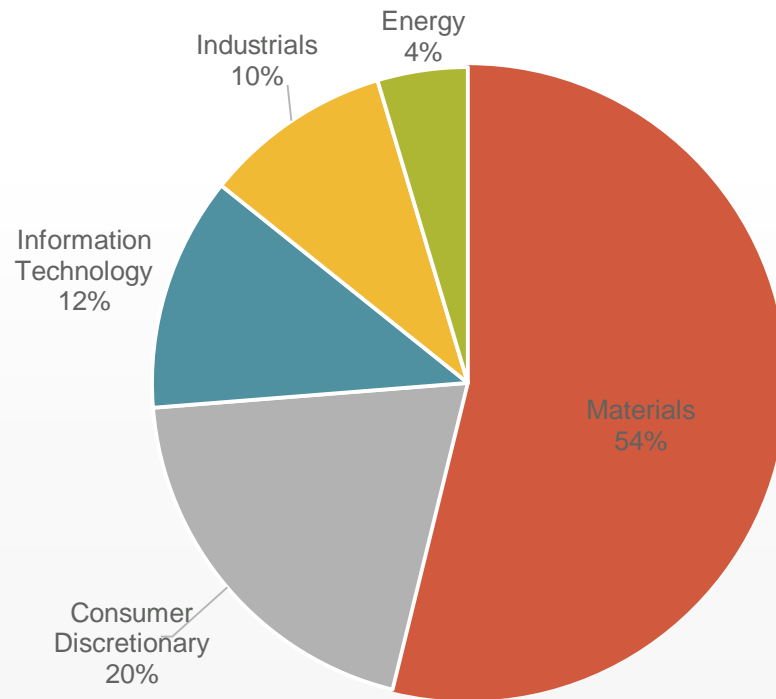
Source: Niche AM, Thomson Reuters

EQUITY PORTFOLIO: Allocation summary

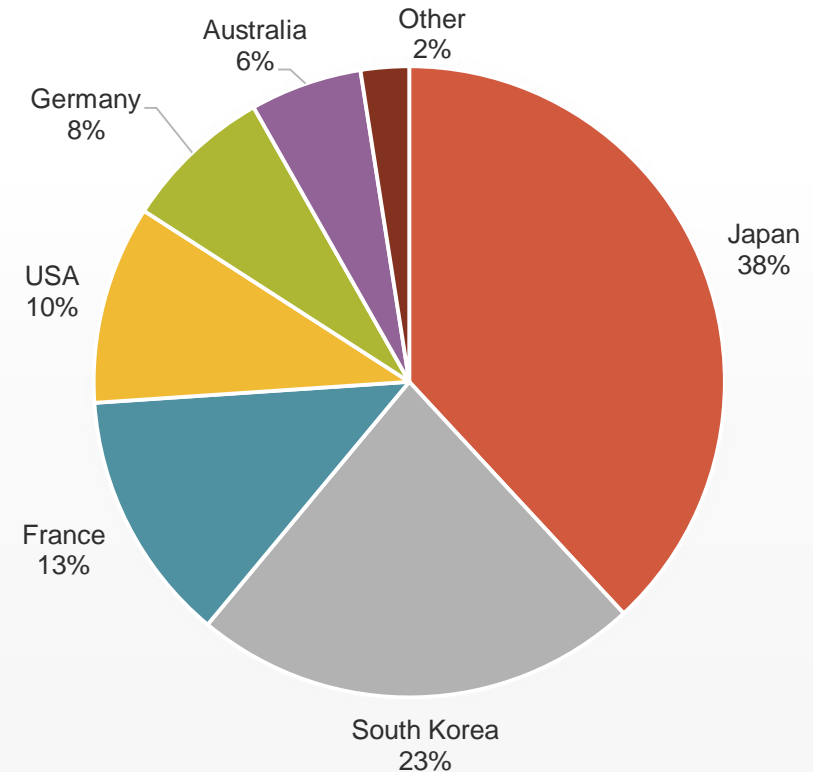
Equity Exposure: 82%

Equity Exposure previous month: 83%

Equity Breakdown by Sector as of 31 December 2019 (rebased)



Equity Breakdown by Country as of 31 December 2019 (rebased)



EQUITY PORTFOLIO: Change in holdings (30 November – 31 December '19)

	Trade	End Portfolio Weight
Pilbara Minerals Ord Shs	ADD	1,14%
Western Areas Ord Shs	ADD	1,15%
Cosmo Chemical Ord Shs	ADD	1,72%
Samsung SDI Pref Shs	ADD	3,31%

EQUITY PORTFOLIO: Monthly performance (30 November – 31 December '19)

Top performers*

	1 Month (Portfolio)		
	Avg Weight	Return	Contribution
Syrah Resources Ord Shs	2,2%	37,0%	0,7%
Cosmo Chemical Ord Shs	1,6%	33,2%	0,5%
Alelion Energy Systems Ord Shs	0,2%	29,5%	0,1%
Soulbrain Ord Shs	1,1%	20,4%	0,2%
MMC Norilsk Nickel PJSC Ord Shs	0,6%	17,5%	0,1%
Ecopro Ord Shs	1,6%	16,8%	0,3%
CosmoAM&T Ord Shs	0,7%	14,7%	0,1%
Nippon Kodoshi Ord Shs	1,0%	14,2%	0,1%
Freeport McMoRan Ord Shs	0,5%	13,3%	0,1%
Eramet Ord Shs	3,1%	13,0%	0,4%
Sociedad Quimica y Minera de Chile Ord Shs	0,6%	11,2%	0,1%
Western Areas Ord Shs	0,9%	11,2%	0,1%
Albemarle Ord Shs	2,3%	10,4%	0,2%
SGL Carbon Ord Shs	1,1%	8,5%	0,1%
Livent Ord Shs	2,3%	7,7%	0,2%

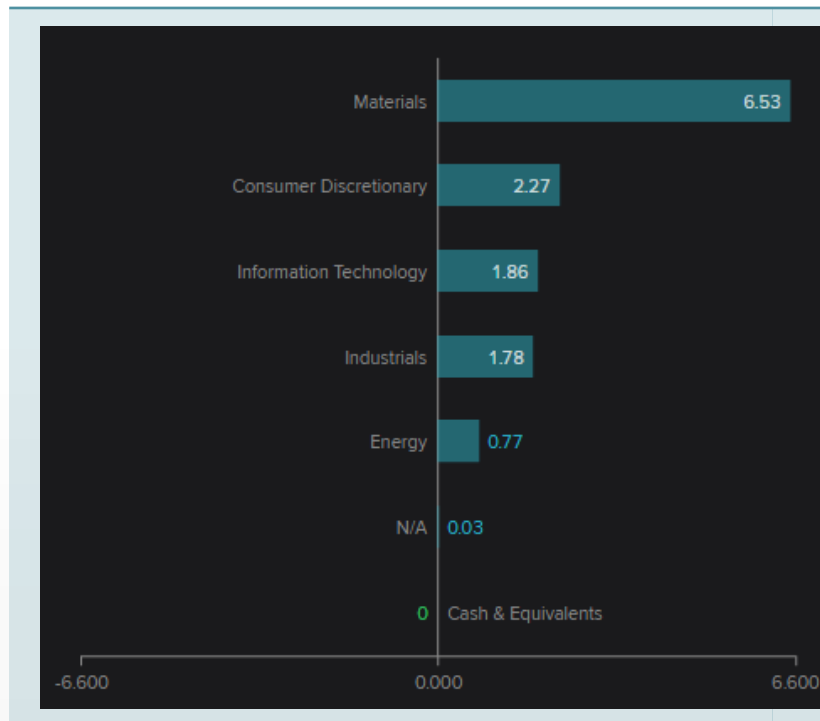
Bottom performers

	1 Month (Portfolio)		
	Avg Weight	Return	Contribution
GrafTech International Ord Shs	0,5%	-19,0%	-0,1%
Voltabox Ord Shs	0,3%	-18,1%	-0,1%
Valeo Ord Shs	2,0%	-12,2%	-0,3%
Tanaka Chemical Ord Shs	1,1%	-6,7%	-0,1%
Veoneer Ord Shs	1,2%	-5,2%	-0,1%
Pilbara Minerals Ord Shs	0,9%	-4,8%	0,0%
Toyo Tanso Ord Shs	1,4%	-3,9%	-0,1%
Daimler Ord Shs	0,4%	-3,6%	0,0%
Toda Kogyo Ord Shs	1,4%	-3,5%	0,0%
Seronics Ord Shs	0,9%	-3,2%	0,0%
Renault Ord Shs	2,5%	-2,9%	-0,1%
Continental Ord Shs	1,8%	-2,8%	-0,1%
Nippon Chemical Industrial Ord Shs	2,1%	-2,6%	-0,1%
Sumitomo Ord Shs	0,4%	-2,4%	0,0%
Nippon Carbon Ord Shs	1,9%	-2,3%	0,0%

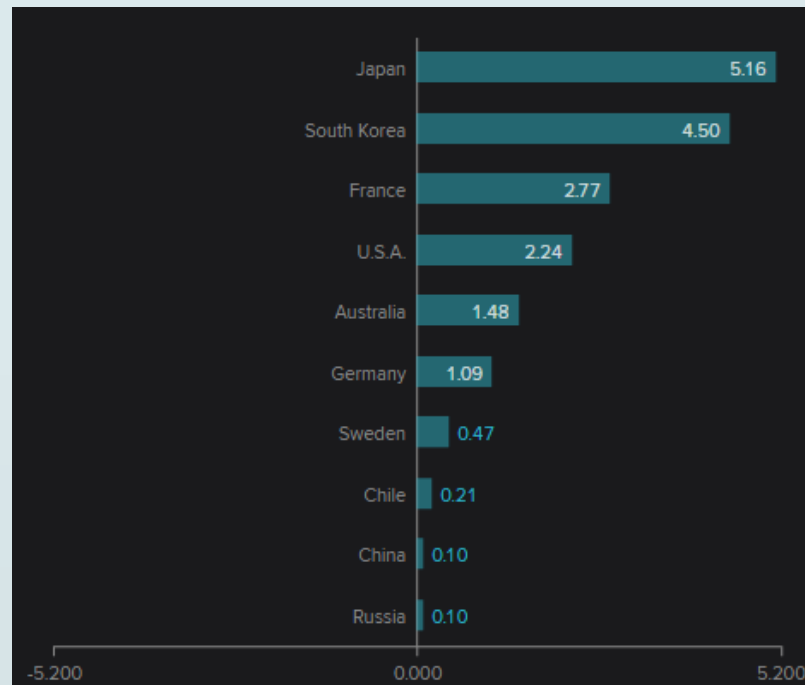
Ex-ante analysis: VaR 1 month 99%

as of 31/12/2019

**VAR 1M – 99% BY GICS SECTOR
AS OF 31/12/2019**



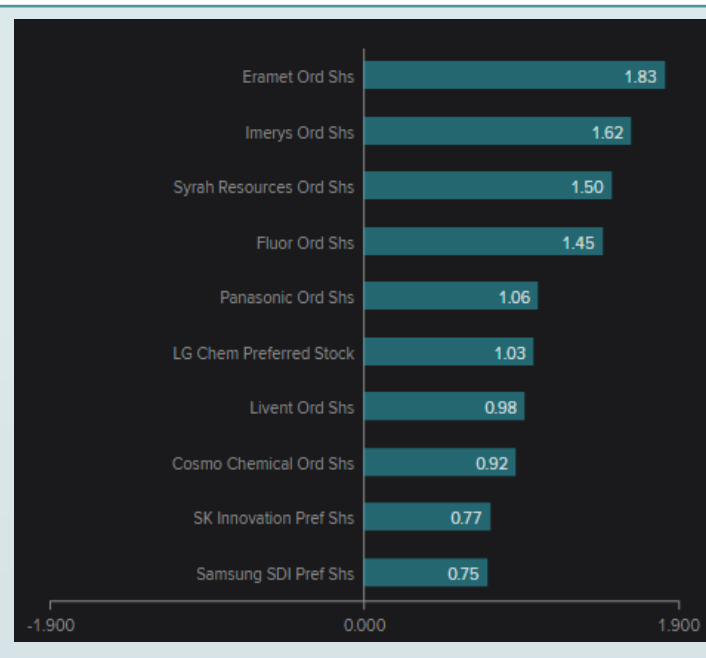
**VAR 1M – 99% BY COUNTRY
AS OF 31/12/2019**



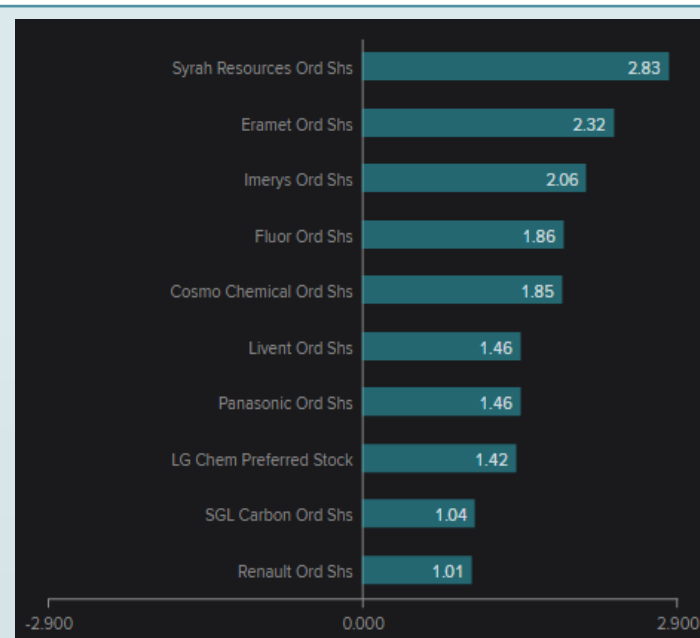
Source: MSCI RiskMetrics, Niche

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

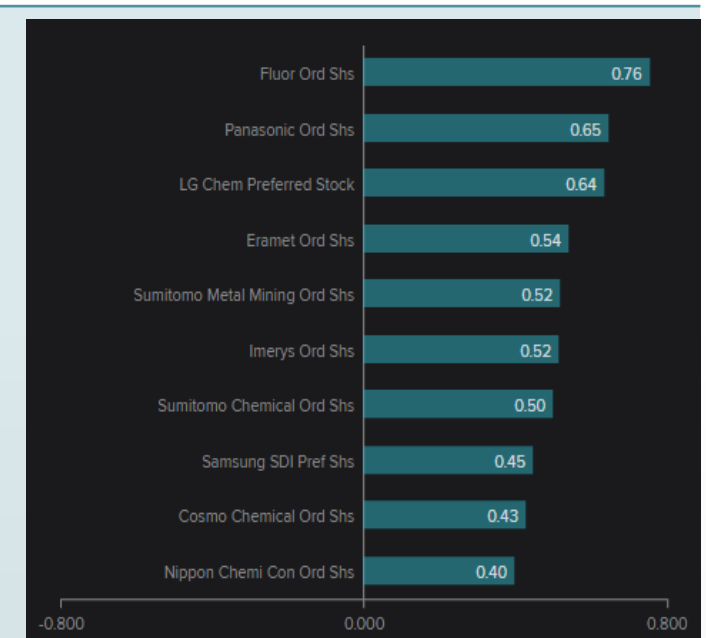
**VAR TOP 10 SECURITIES
AS OF 31/12/2019**



**CVAR TOP 10 SECURITIES
AS OF 31/12/2019**



**MVAR TOP 10 SECURITIES
AS OF 31/12/2019**



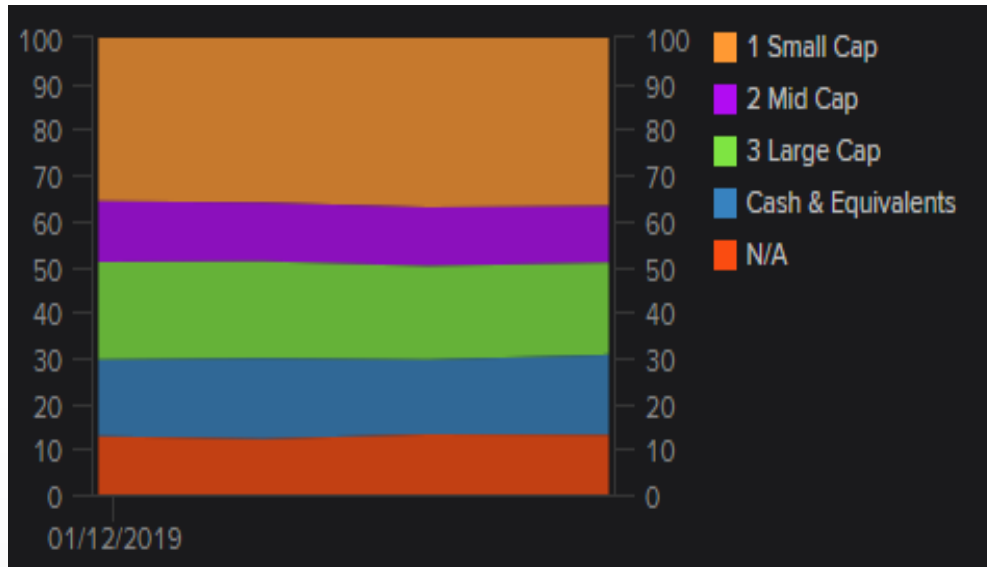
Ex-ante analysis: Top securities which are contributing the most to total active risk (sorted by Expected Shortfall) *as of 31/12/2019*

	VaR 1M 95%	VaR 1M 99%	Portfolio Weight %	CVaR 1M 99%	Marginal VaR
Pharus Electric Mobility	6,53	11,49	100,00%	14,70	11,49
Syrah Resources Ord Shs	0,69	1,50	2,42%	2,83	0,17
Eramet Ord Shs	0,72	1,83	3,23%	2,32	0,54
Imerys Ord Shs	0,50	1,62	3,23%	2,06	0,52
Fluor Ord Shs	0,32	1,45	1,58%	1,86	0,76
Cosmo Chemical Ord Shs	0,46	0,92	1,72%	1,85	0,43
Livent Ord Shs	0,55	0,98	2,24%	1,46	0,31
Panasonic Ord Shs	0,62	1,06	5,59%	1,46	0,65
LG Chem Preferred Stock	0,55	1,03	4,60%	1,42	0,64
SGL Carbon Ord Shs	0,21	0,40	1,07%	1,04	0,12
Renault Ord Shs	0,29	0,58	2,35%	1,01	0,22
SK Innovation Pref Shs	0,39	0,77	3,80%	0,94	0,35
Ecopro Ord Shs	0,30	0,73	1,78%	0,90	0,27
Albemarle Ord Shs	0,45	0,71	2,41%	0,88	0,19
Nippon Chemical Industrial Ord Shs	0,36	0,59	1,96%	0,86	0,37
Nippon Chemi Con Ord Shs	0,41	0,68	1,83%	0,83	0,40

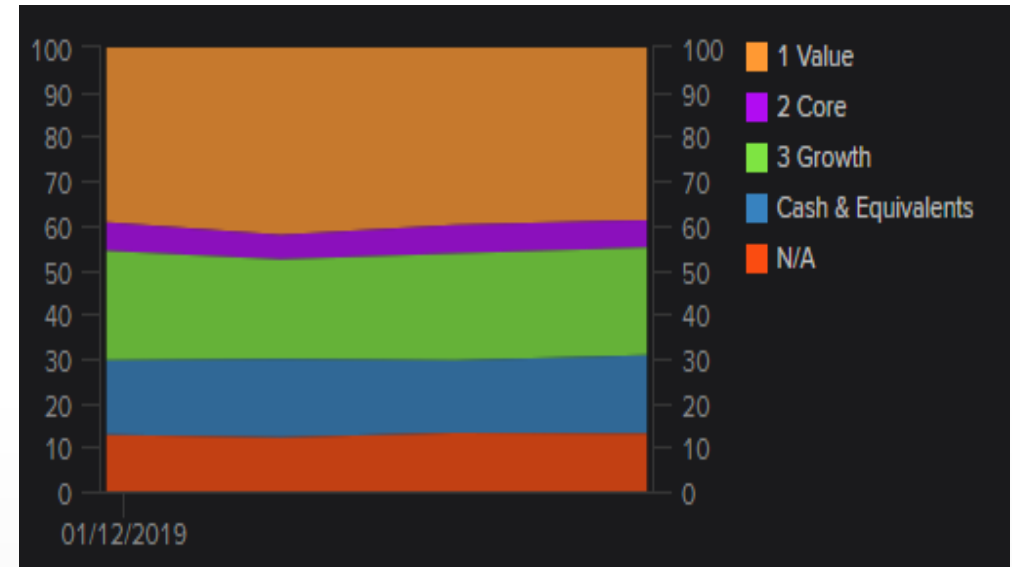
Source: MSCI RiskMetrics, Niche

Ex-ante analysis Multi-Factor risk *as of 31/12/2019*

Size Allocation



Style Allocation



Source: Thomson Reuters, Niche AM



Stress test – Absolute change of Shocks (+10% / -10%) by Region

Portfolio Value Changes as of 31/12/2019

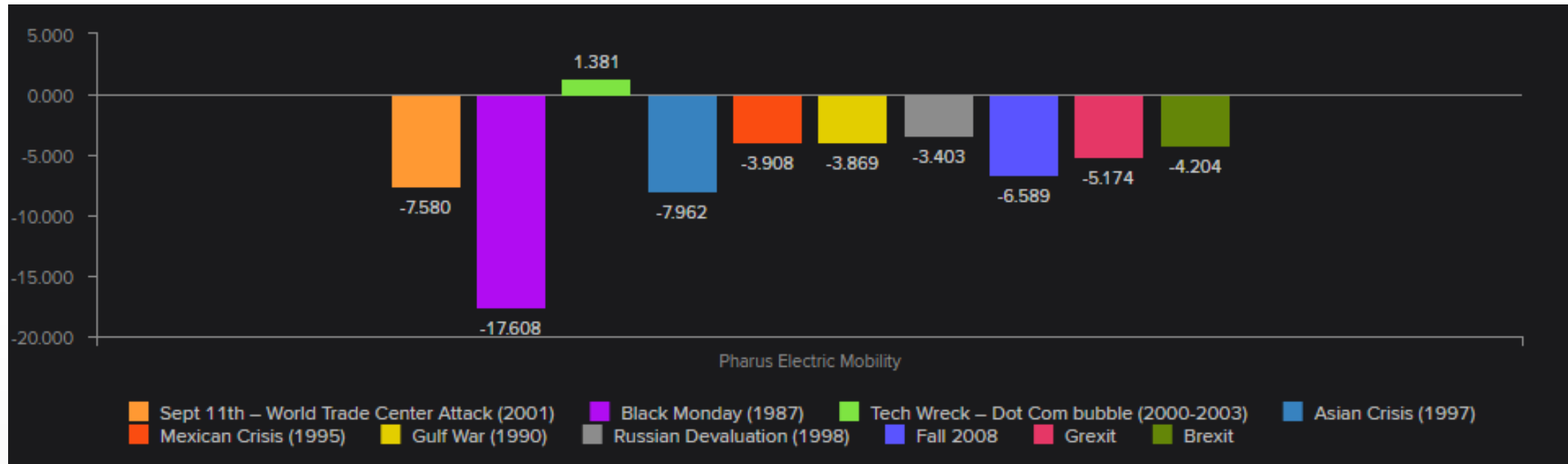
	World Index		Emerging Markets		Europe		Asia	
	MSCI World Index		MSCI EM (Emerging Markets) in USD		STOXX - Europe 600 Index		MSCI AC Asia Pacific in USD	
	+10 %	-10 %	+10 %	-10 %	+10 %	-10 %	+10 %	-10 %
Pharus Electric Mobility	7,10%	-6,70%	8,39%	-8,21%	6,29%	-6,09%	10,62%	-10,18%

Currency: EUR

Source: MSCI RiskMetrics

Stress test – Historical scenario

Portfolio Value Changes (as of 31 Dec' 19)



Source: MSCI RiskMetrics

Liquidation time horizon and stress test

	1 day	5 days	10 days	30 days
Pharus Electric Mobility	93%	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 20% of volumes; average 3 months volumes considered*
- *Fund: 5% of NAV*

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



Number of days necessary to liquidate 20% of the portfolio: 1 day

PORTFOLIO: FX hedging

Forex outright trades in place: YEN

	31-Dec-19
JPY Equity Exposure	287,638,955
JPY cash	26,504,092
Total JPY Exposure	314,143,047

Currency Pair	<u>RATE</u>	Amount sold currency ex-euro	Amount bought in euro	Amount as a % of tot, LC expo	Maturity
JPY	121,28	-163,000,000	1,379,310	52%	27/03/2020

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