



Monthly Risk Report

31 October 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 31/10/19

	Alert Level		VaR 99% 1M Fund	VaR 99% 1M Fund (prev, month)
	I°	II°		
<i>Pharus Electric Mobility</i>	-12,0%	-17,0%	-14,04%	-15,09%

- 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 October by 1%. We stay comfortably below the second limit internally set.

VaR Sensitivity

	95% VaR	99% VaR
Historical 1D	-1,77%	-2,99%
Historical 1W	-6,69%	-6,69%
Historical 1M	-8,29%	-14,04%

Source: MSCI Risk Metrics, Niche AM

EQUITY PORTFOLIO: Indices % price changes

Index	Price as of 31/10/19	% Price Change 1 month (local currency)	% Price Change 1 month (€)	% Price Change Since inception (local currency)	% Price Change since inception (€)
Pharus Electric Mobility	104,21	2,85%	2,85%	4,21%	4,21%
Global X Lithium & Battery Tech ETF (LIT)	24,90	2,17%	-0,13%	-4,12%	-2,73%
Tokyo Stock Exchange (.TOPX)	1667,01	4,99%	2,65%	7,35%	9,32%
Korea (.KS200)	275,82	0,83%	0,98%	1,37%	4,05%

* 10/06/2019 – Inception date

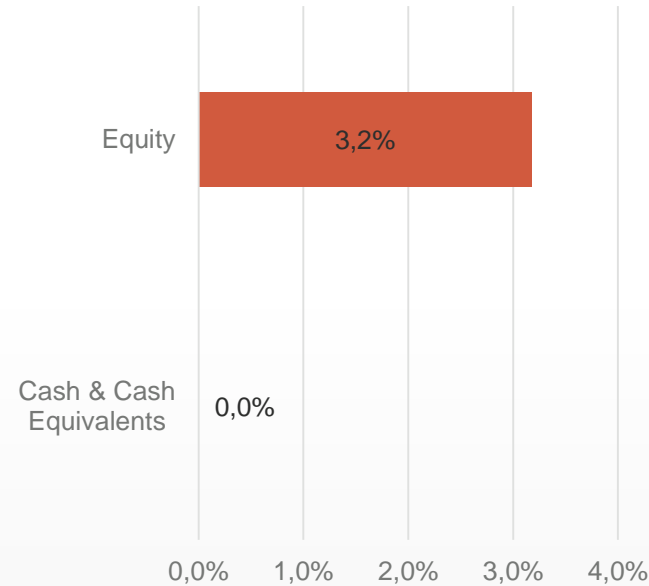
Source: Niche AM, Thomson Reuters

PORTFOLIO: Allocation & Performance summary

NAVps: +2,85% (30 September – 31 October '19)



Performance Breakdown by Asset Class (Pure) (30 September – 31 October '19)



Equity Portfolio: Monthly performance by sector (30 September – 31 October '19)

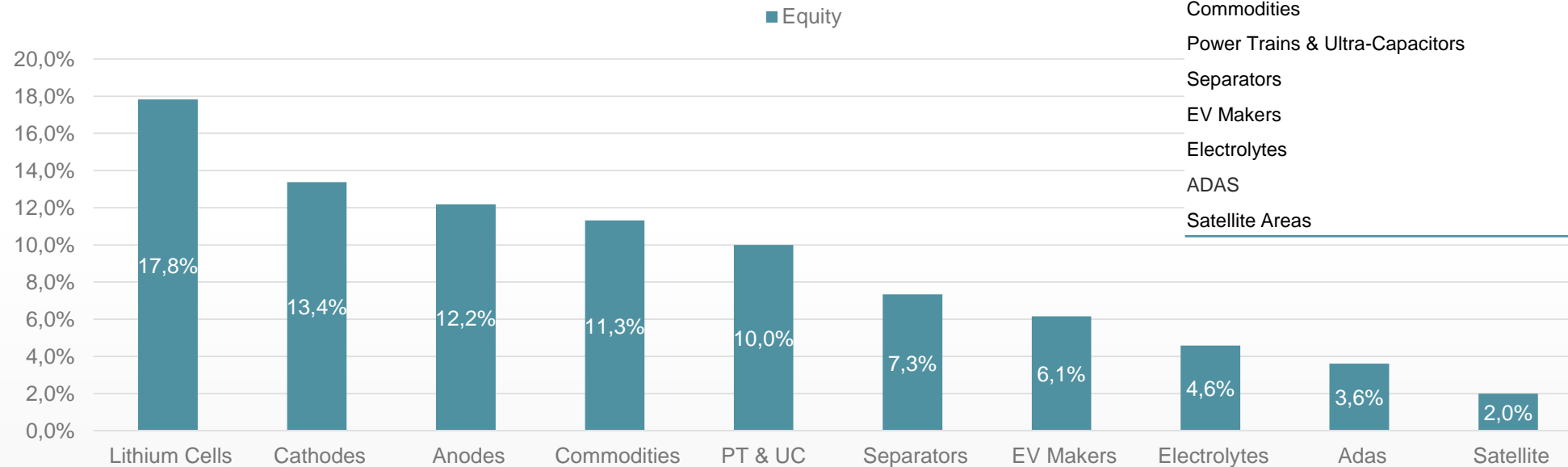
	Avg Weight	1 Month Return	1 Month Contribution
Equity	89,5%	3,2	2,9
Materials	4,7%	3,1	1,4
Consumer Discretionary	18,0%	2,4	0,4
Information Technology	12,9%	5,8	0,7
Industrials	11,1%	2,3	0,3
Energy	3,8%	1,0	0,0

Source: Niche AM, Thomson Reuters

As of 31 Oct '19	
AUM (€ mln)	5,817 mln

EQUITY PORTFOLIO: Breakdown by Niches

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

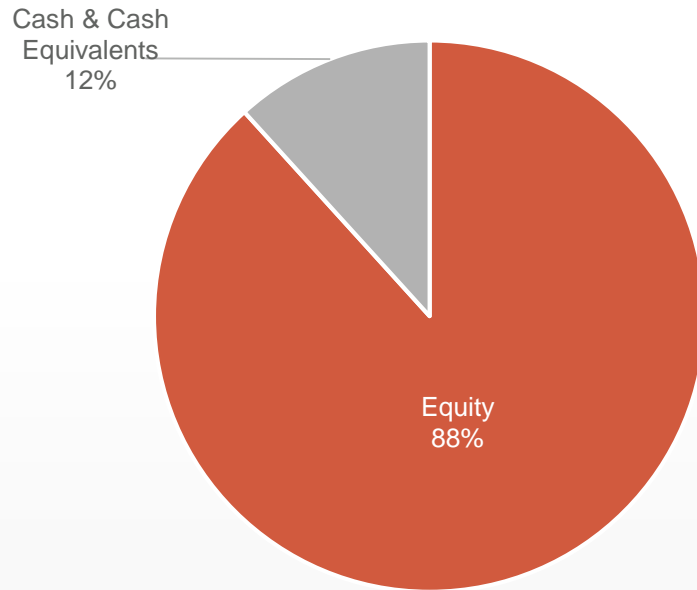


Niches	1 Month Performance
Lithium Cells	2,1%
Cathodes	11,3%
Anodes	1,5%
Commodities	3,6%
Power Trains & Ultra-Capacitors	8,2%
Separators	3,6%
EV Makers	-0,9%
Electrolytes	6,0%
ADAS	6,3%
Satellite Areas	-1,6%

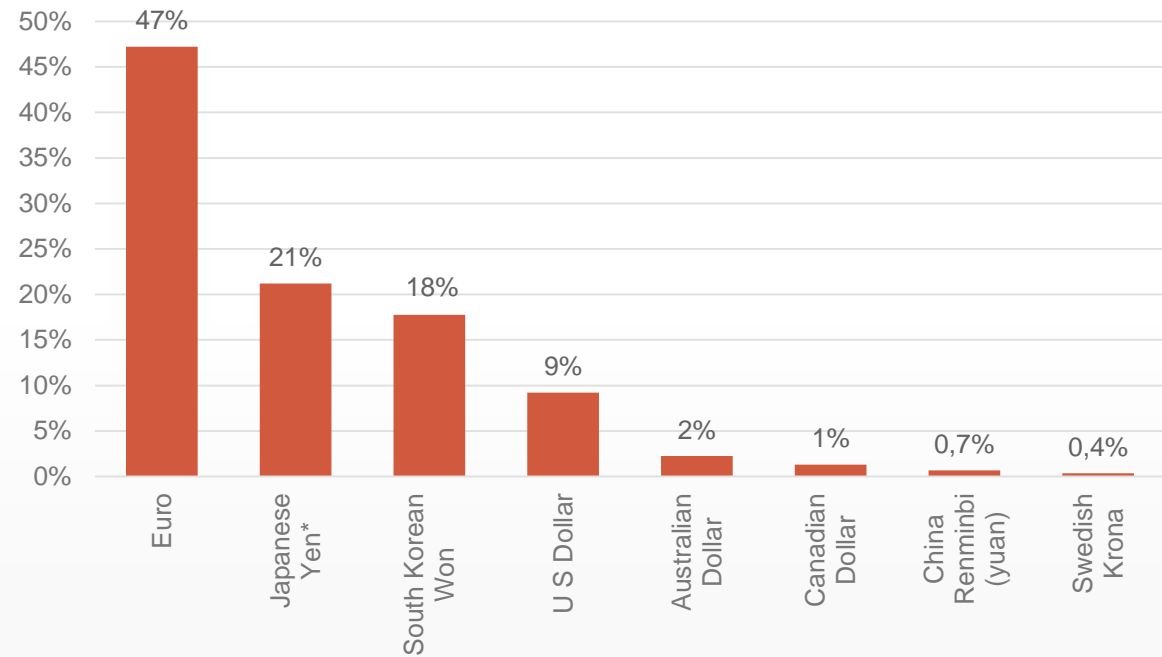
Current Equity Exposure: 88%

PORTFOLIO: Allocation summary

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



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



*Net of hedging

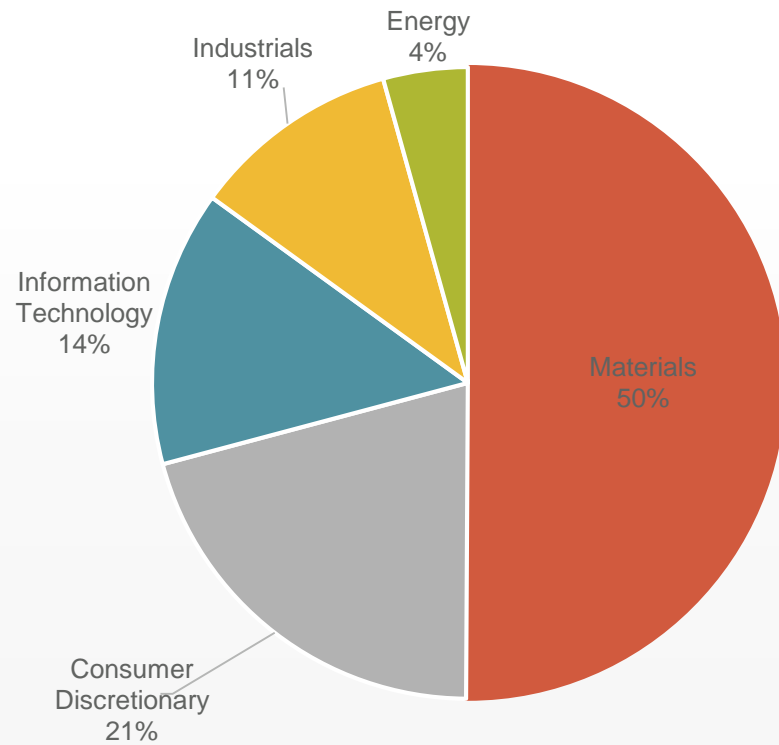
Source: Niche AM, Thomson Reuters

EQUITY PORTFOLIO: Allocation summary

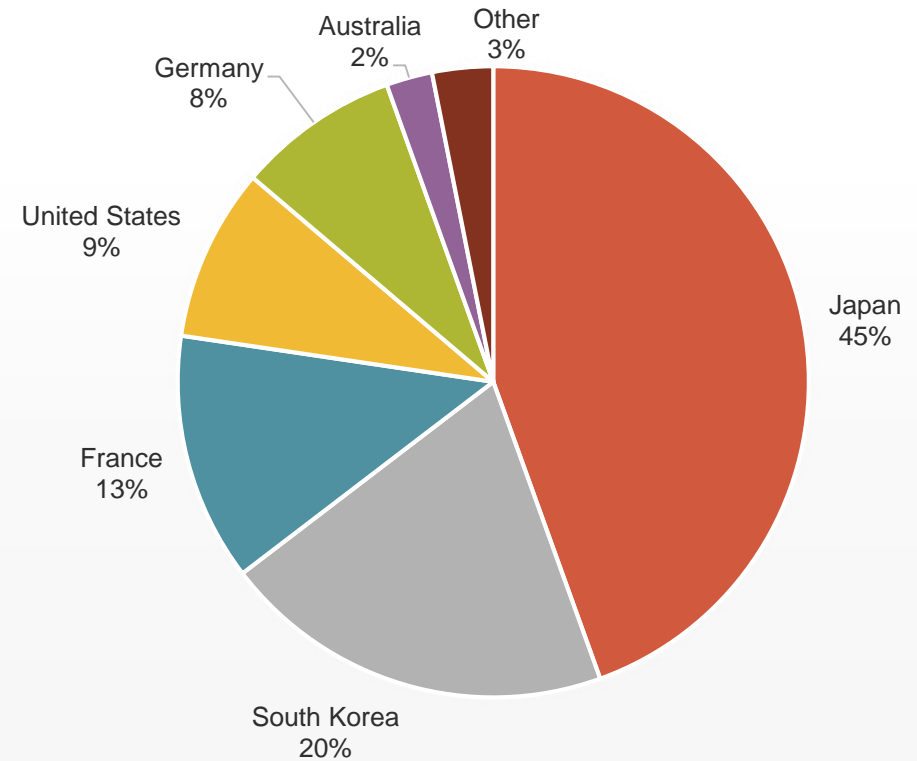
Equity Exposure: 88%

Equity Exposure previous month: 92%

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



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



EQUITY PORTFOLIO: Change in holdings (30 September – 31 October '19)

	Trade	End Portfolio Weight
Pilbara Minerals Ord Shs	BUY	0,52%
Volkswagen Ord Shs	BUY	1,08%
Syrah Resources Ord Shs	ADD	1,57%
Cosmo Chemical Ord Shs	ADD	0,89%
Freeport McMoRan Ord Shs	ADD	0,49%
CosmoAM&T Ord Shs	ADD	0,43%
Imerys Ord Shs	ADD	3,15%
LG Chem Preferred Stock	ADD	4,56%
Renault Ord Shs	ADD	2,39%
Albemarle Ord Shs	ADD	1,96%
TDK Ord Shs	REDUCE	1,39%
Nippon Chemical Industrial Ord Shs	REDUCE	2,61%
Porsche Automobil Holding Pref Shs	SELL	0,00%
Tomoe Engineering Ord Shs	SELL	0,00%
Nippon Chemical Industrial Ord Shs	SELL	0,00%
Duerr Ord Shs	SELL	0,00%

EQUITY PORTFOLIO: Monthly performance (30 September – 31 October '19)

Top performers*

	1 Month (Portfolio)		
	Avg Weight	Return	Contribution
Nippon Chemical Industrial Ord Shs	3,2%	34,0%	1,0%
Tanaka Chemical Ord Shs	0,8%	18,7%	0,1%
Stella Chemifa Ord Shs	0,5%	18,2%	0,1%
KEMET Ord Shs	0,6%	16,9%	0,1%
Pilbara Minerals Ord Shs	0,1%	16,5%	0,1%
Duerr Ord Shs	0,9%	15,5%	0,1%
Daimler Ord Shs	0,5%	14,9%	0,1%
Porsche Automobil Holding Pref Shs	0,9%	12,9%	0,1%
Nippon Kodoshi Ord Shs	0,8%	12,3%	0,1%
Valeo Ord Shs	2,4%	12,1%	0,3%
MMC Norilsk Nickel Ord Shs	0,7%	11,9%	0,1%
Nippon Chemi Con Ord Shs	2,0%	11,4%	0,2%
Asahi Kasei Ord Shs	0,7%	11,3%	0,1%
Murata Manufacturing Ord Shs	1,3%	10,6%	0,1%
Ecopro Ord Shs	2,0%	9,9%	0,2%

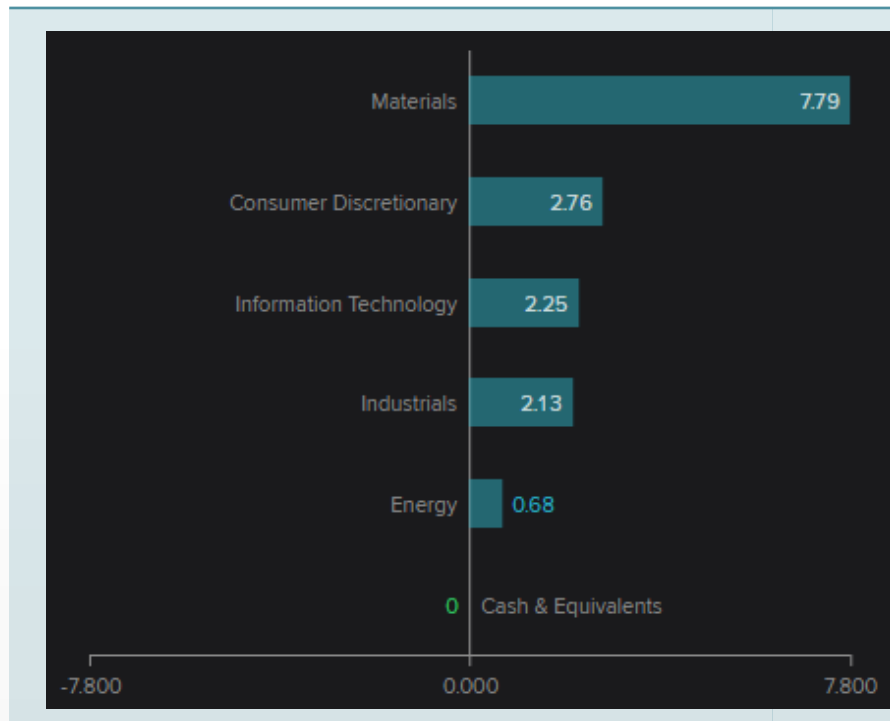
Bottom performers

	1 Month (Portfolio)		
	Avg Weight	Return	Contribution
Syrah Resources Ord Shs	1,6%	-20,9%	-0,4%
Fluor Ord Shs	1,0%	-17,7%	-0,2%
Albemarle Ord Shs	1,8%	-14,6%	-0,3%
Renault Ord Shs	2,5%	-13,1%	-0,3%
GrafTech International Ord Shs	0,7%	-7,8%	-0,1%
Imerys Ord Shs	3,0%	-6,1%	-0,2%
Seronics Ord Shs	1,1%	-5,0%	-0,1%
SQM de Chile Ord Shs	0,4%	-4,4%	0,0%
SGL Carbon Ord Shs	1,3%	-4,1%	-0,1%
Freeport McMoRan Ord Shs	0,1%	-3,8%	0,0%
CosmoAM&T Ord Shs	0,4%	-3,3%	0,0%
Eramet Ord Shs	3,5%	-1,5%	0,0%
BAIC Motor Ord Shs H	0,7%	-1,4%	0,0%
Cosmo Chemical Ord Shs	0,7%	-1,3%	0,0%
Tomoe Engineering Ord Shs	0,5%	-1,2%	0,0%

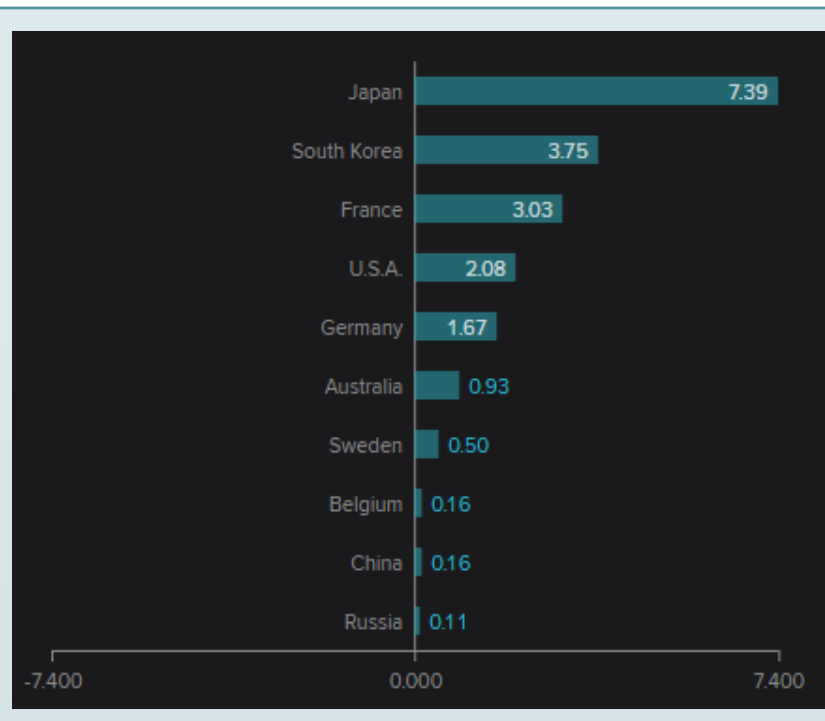
Ex-ante analysis: VaR 1 month 99%

as of 31/10/2019

**VAR 1M – 99% BY GICS SECTOR
AS OF 31/10/2019**



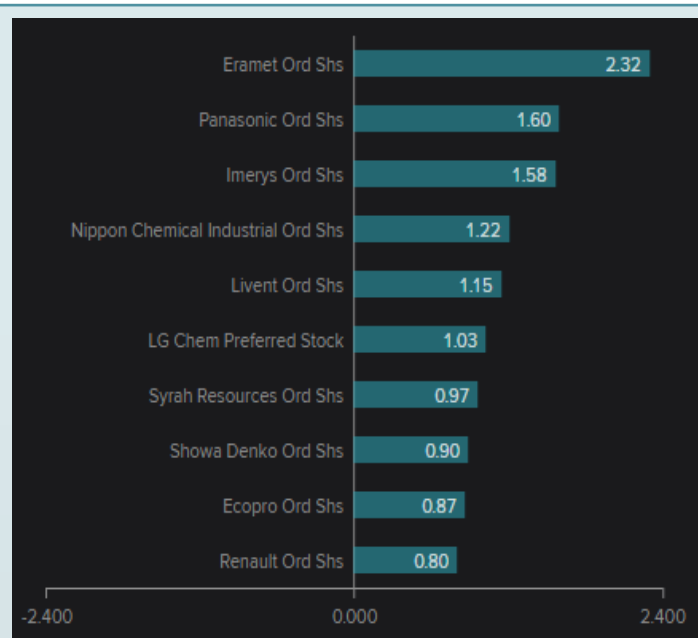
**VAR 1M – 99% BY COUNTRY
AS OF 31/10/2019**



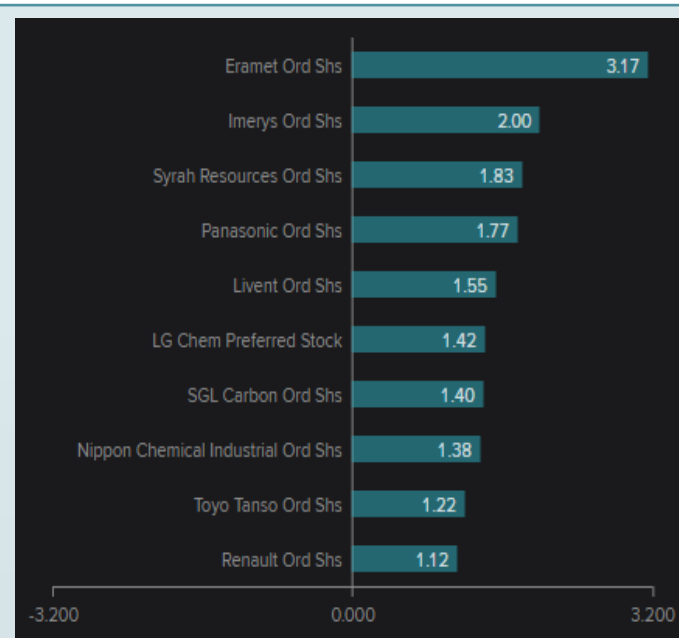
Source: MSCI RiskMetrics, Niche

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

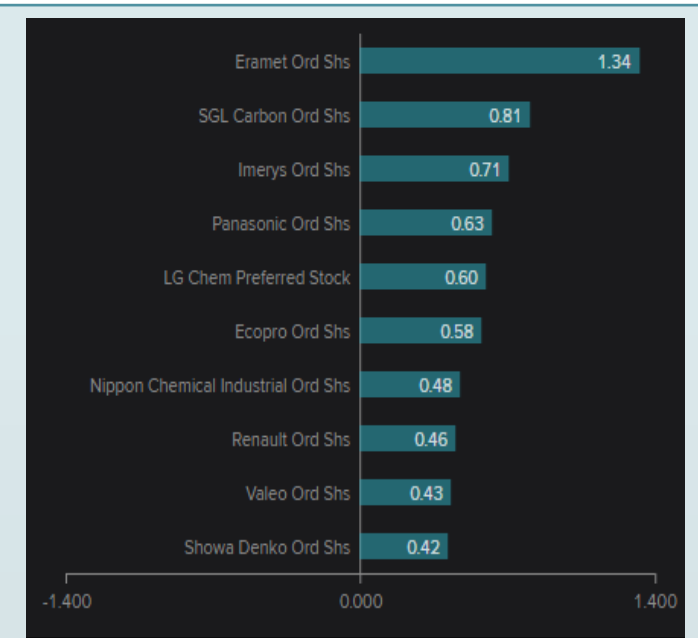
**VAR TOP 10 SECURITIES
AS OF 31/10/2019**



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



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



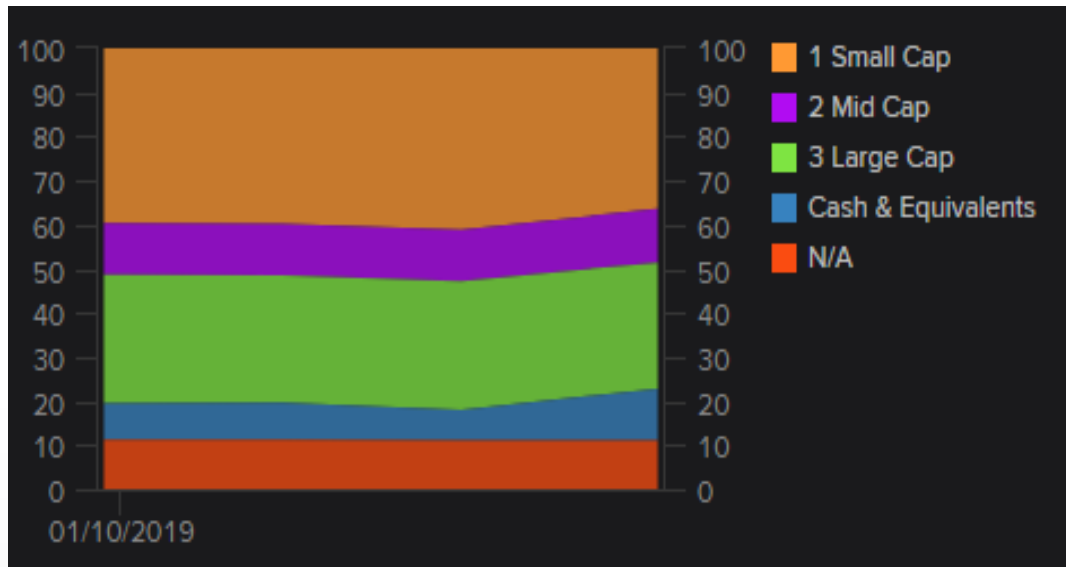
Ex-ante analysis: Top securities which are contributing the most to total active risk (sorted by Expected Shortfall) *as of 31/10/2019*

	VaR 1M 95%	VaR 1M 99%	Portfolio Weight %	CVaR 1M 99%	Marginal VaR
Pharus Electric Mobility	8,29	14,04	100,00%	16,04	14,04
Eramet Ord Shs	0,79	2,32	3,24%	3,17	1,34
Imerys Ord Shs	0,54	1,58	3,15%	2,00	0,71
Syrah Resources Ord Shs	0,49	0,97	1,57%	1,83	0,17
Panasonic Ord Shs	0,69	1,60	5,91%	1,77	0,63
Livent Ord Shs	0,64	1,15	2,34%	1,55	0,18
LG Chem Preferred Stock	0,71	1,03	4,56%	1,42	0,60
SGL Carbon Ord Shs	0,27	0,75	1,22%	1,40	0,81
Nippon Chemical Industrial Ord Shs	0,52	1,22	2,61%	1,38	0,48
Toyo Tanso Ord Shs	0,37	0,73	1,99%	1,22	0,29
Renault Ord Shs	0,35	0,80	2,39%	1,12	0,46
Ecopro Ord Shs	0,51	0,87	2,11%	1,08	0,58
Cosmo Chemical Ord Shs	0,22	0,56	0,89%	0,97	0,41
Fluor Ord Shs	0,17	0,75	0,82%	0,96	0,13
Showa Denko Ord Shs	0,43	0,90	2,24%	0,96	0,42
Nippon Chemi Con Ord Shs	0,48	0,76	2,07%	0,94	0,42

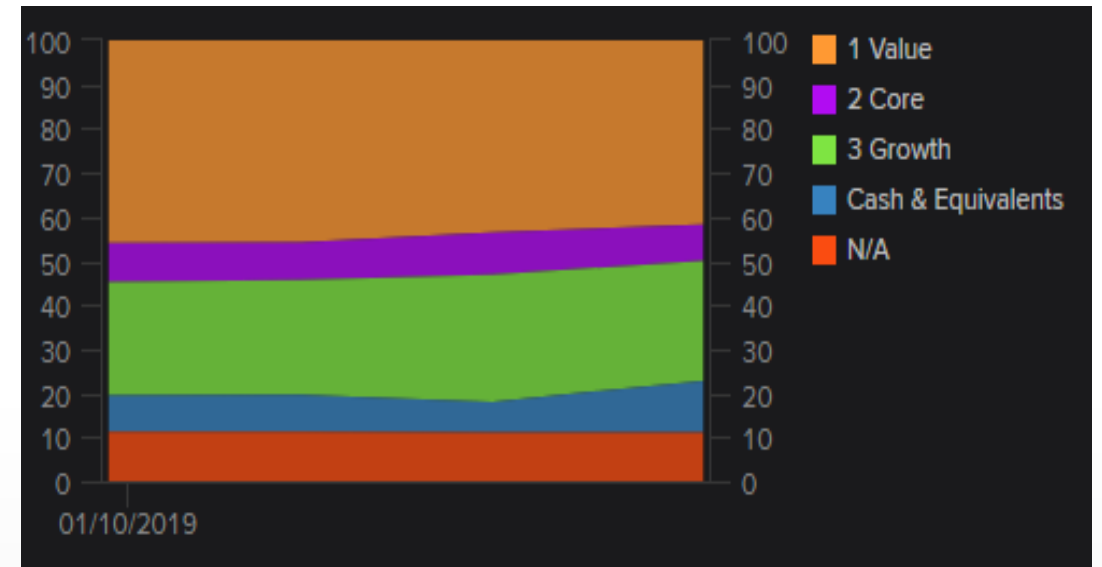
Source: MSCI RiskMetrics, Niche

Ex-ante analysis Multi-Factor risk *as of 31/10/2019*

Size Allocation



Style Allocation



Source: Thomson Reuters, Niche AM



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

Portfolio Value Changes as of 31/10/2019

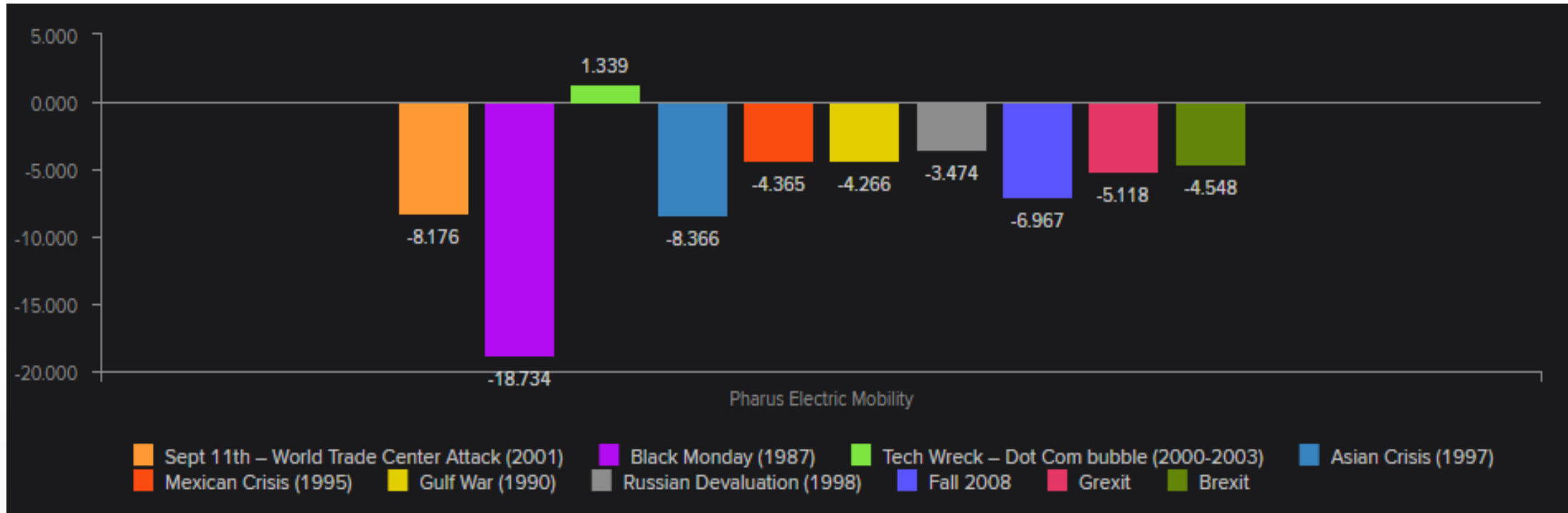
	World Index		Emerging Markets		Europe		Asia	
	MSCI World Index		MSCI EM (Emerging Markets) in USD		STOXX - Europe 600 Index		MSCI AC Asia Pacific in USD	
	+10 %	-10 %	+10 %	-10 %	+10 %	-10 %	+10 %	-10 %
Pharus Electric Mobility	7,21%	-7,01%	9,20%	-9,00%	6,94%	-6,72%	11,90%	-11,34%

Currency: EUR

Source: MSCI RiskMetrics

Stress test – Historical scenario

Portfolio Value Changes (as of 31 Oct' 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-Oct-19
JPY Equity Exposure	275,563,290
JPY cash	33,585,098
Total JPY Exposure	309,148,388

Currency Pair	Settlement Date	<u>RATE</u>	Amount sold currency ex-euro	Amount bought in euro	Amount as a % of tot, LC expo	Maturity
JPY	27/09/2019	118,1750	-163,000,000	1,379,310	53%	20/12/2019

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