

# iSTOXX<sup>®</sup> Europe Minimum Variance Index NR

Rebalancing Report - 24-Apr-2017

## Stock Statistics

iSTOXX<sup>®</sup> Europe Minimum Variance Index NR rebalances each third Friday of the month. The new composition is implemented at the opening of the next business day after the third Friday - usually the next Monday. The weights are computed using closing prices three days prior to the third Friday. Both the iSTOXX<sup>®</sup> Europe Minimum Variance Index NR and the benchmark Stoxx Europe 600 Index NR are computed in EUR. The calculations in the document are performed by Ossiam using Stoxx/Datastream source.

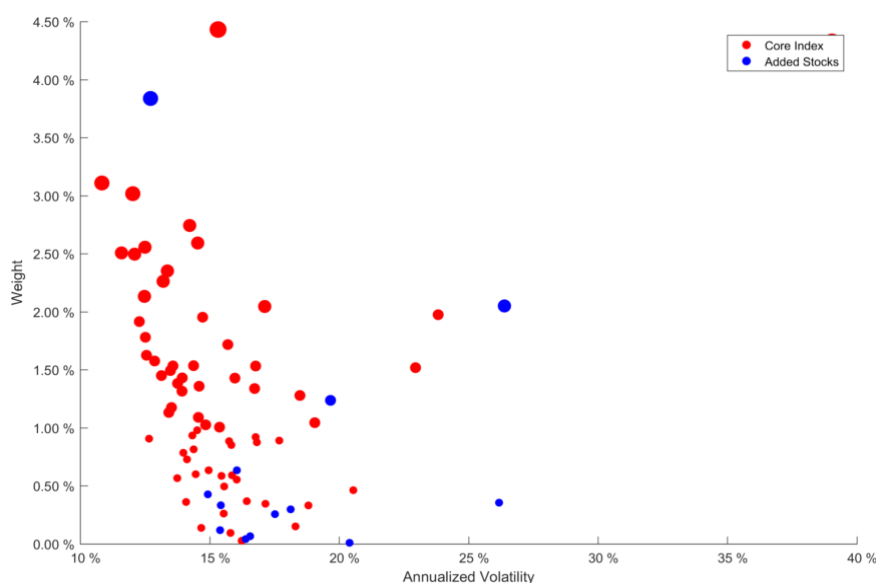
The number of constituents in the index decreased from **83** to **80**. The Turnover is **38.63%**, higher than its historical mean at **36.31%**. The weight of the Index Core Portfolio decreased from **93.95%** to **90.33%**.

Characteristics	24-Apr-2017
Number of Stocks	80
Added Stocks	13
Deleted Stocks	16
Core Number	67
Old weight of Core	93.95%
New weight of Core	90.33%
Turnover	38.63%
Historical Turnover	36.31%

Added and deleted stocks are relative to 24-Apr-2017. The Core is defined as the subset of stocks that belong to the current as well as the previous composition.

## Volatility/Weight profile

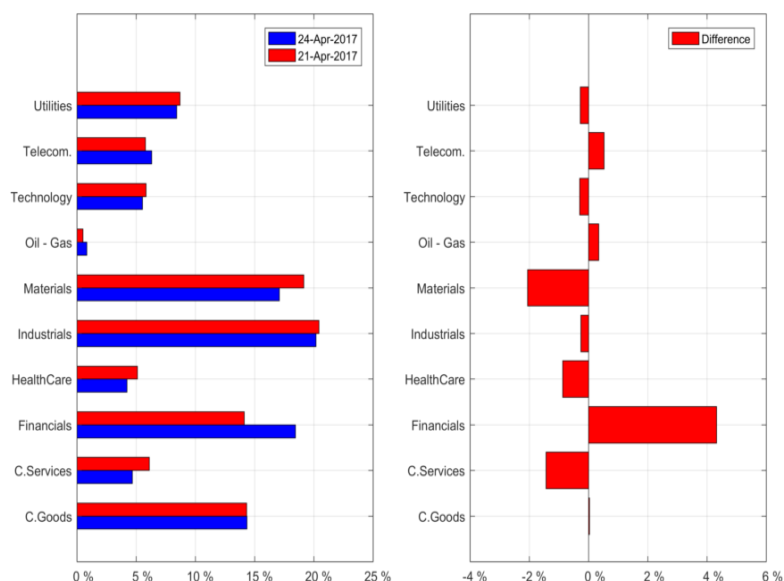
The chart on the right shows the distribution of the new iSTOXX<sup>®</sup> Europe Minimum Variance Index NR composition on 24-Apr-2017 in terms of annualized volatility (x-axis) and weight (y-axis). Volatility computed over 125 days ending on 18-Apr-2017. On the upper left corner we find low volatile stocks with big weight in the index. On the lower right corner we find high volatile stocks with low weight in the index. These stocks usually enter the index for diversification purposes. We distinguish between Core index and added stocks to appreciate how these newly added stock are positioned in terms of volatility and weight.



## Sector Allocation

The most significant changes in sector exposures are: **4.32%** for Financials, **-2.06%** for Materials, **-1.44%** for C.Services. The biggest sector exposures are: **20.17%** for Industrials, **18.44%** for Financials, **17.08%** for Materials.

	Close	Open	Diff.
C.Goods	14.32%	14.35%	0.03%
C.Services	6.11%	4.67%	-1.44%
Financials	14.13%	18.44%	4.32%
HealthCare	5.09%	4.22%	-0.87%
Industrials	20.43%	20.17%	-0.26%
Materials	19.14%	17.08%	-2.06%
Oil - Gas	0.49%	0.83%	0.34%
Technology	5.82%	5.52%	-0.30%
Telecom.	5.78%	6.30%	0.52%
Utilities	8.69%	8.41%	-0.28%

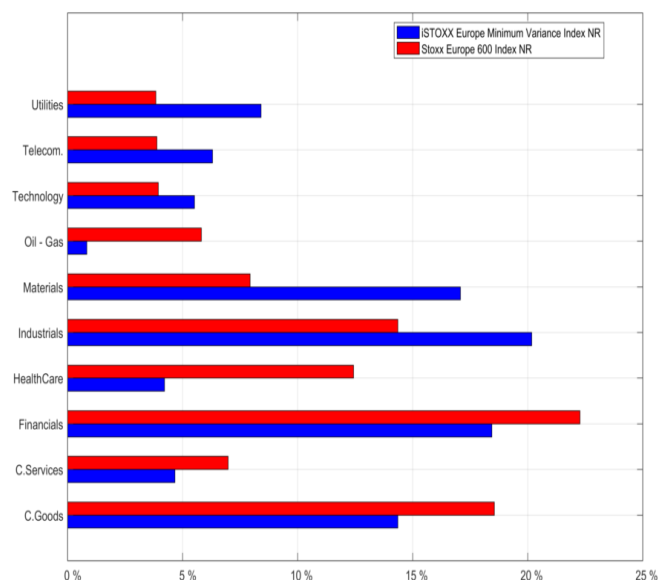


The left-hand side of the chart below shows the sector deviations at rebalancing. Differences are shown on the right-hand side. Index weights are taken as of 21-Apr-2017 (last business day before the new composition is implemented) compared to the new rebalancing weights as of 24-Apr-2017.

## Sector breakdown vs. benchmark

The iSTOXX<sup>®</sup> Europe Minimum Variance Index NR overweights Materials (**9.14%**) and Industrials (**5.82%**) compared to Stoxx Europe 600 Index NR. The iSTOXX<sup>®</sup> Europe Minimum Variance Index NR underweights HealthCare (**-8.22%**) and Oil - Gas (**-4.98%**) compared to Stoxx Europe 600 Index NR.

	Vol.				
	B	S	Diff.	B	S
C.Goods	18.55%	14.35%	-4.20%	13.24%	11.30%
C.Services	6.98%	4.67%	-2.31%	14.78%	13.42%
Financials	22.27%	18.44%	-3.82%	18.12%	10.77%
HealthCare	12.43%	4.22%	-8.22%	16.16%	12.72%
Industrials	14.35%	20.17%	5.82%	14.08%	10.16%
Materials	7.93%	17.08%	9.14%	16.37%	12.75%
Oil - Gas	5.81%	0.83%	-4.98%	16.46%	15.46%
Technology	3.94%	5.52%	1.58%	14.58%	12.70%
Telecom.	3.88%	6.30%	2.42%	14.65%	10.89%
Utilities	3.84%	8.41%	4.57%	13.91%	12.30%

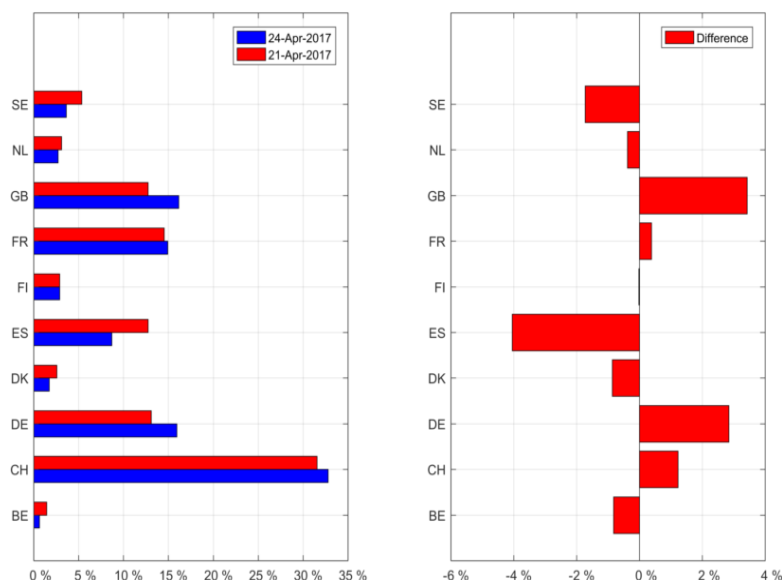


The table below shows, for each sector, the weight in the iSTOXX<sup>®</sup> Europe Minimum Variance Index NR (S), in the benchmark Stoxx Europe 600 Index NR (B) and their difference. We also show the annualized volatility of each sector in the iSTOXX<sup>®</sup> Europe Minimum Variance Index NR and in the benchmark. Annualized volatilities are computed using 125 business days ending on 18-Apr-2017

## Country Allocation

The most significant changes in country exposures are: **-4.06%** for ES, **3.43%** for GB, **2.84%** for DE. The biggest country exposures are: **32.78%** for CH, **16.15%** for GB, **15.93%** for DE.

	Close	Open	Diff.
BE	1.44%	0.62%	-0.83%
CH	31.56%	32.78%	1.23%
DE	13.08%	15.93%	2.84%
DK	2.58%	1.72%	-0.86%
ES	12.74%	8.69%	-4.06%
FI	2.90%	2.88%	-0.02%
FR	14.52%	14.90%	0.38%
GB	12.73%	16.15%	3.43%
NL	3.09%	2.70%	-0.39%
SE	5.36%	3.63%	-1.73%

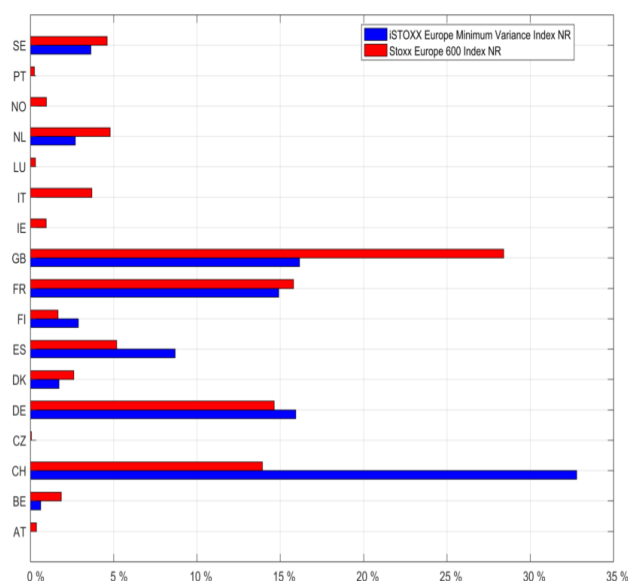


The left-hand side of the chart below shows the country deviations at rebalancing. Differences are shown on the right-hand side. Index weights are taken as of 21-Apr-2017 (last business day before the new composition is implemented) compared to the new rebalancing weights as of 24-Apr-2017.

## Country breakdown vs. benchmark

The iSTOXX<sup>®</sup> Europe Minimum Variance Index NR overweights CH (**18.86%**) and ES (**3.51%**) compared to Stoxx Europe 600 Index NR. The iSTOXX<sup>®</sup> Europe Minimum Variance Index NR underweights GB (**-12.26%**) and IT (**-3.69%**) compared to Stoxx Europe 600 Index NR.

	B		Diff.	Vol.	
	B	S		B	S
AT	0.37%	0.00%	-0.37%	17.14%	0.00%
BE	1.86%	0.62%	-1.24%	13.44%	18.03%
CH	13.92%	32.78%	18.86%	13.42%	9.61%
CZ	0.06%	0.00%	-0.06%	15.10%	0.00%
DE	14.63%	15.93%	1.30%	13.63%	10.96%
DK	2.61%	1.72%	-0.89%	17.45%	15.70%
ES	5.18%	8.69%	3.51%	16.31%	12.23%
FI	1.66%	2.88%	1.23%	15.92%	13.52%
FR	15.78%	14.90%	-0.88%	13.99%	11.24%
GB	28.41%	16.15%	-12.26%	15.80%	13.98%
IE	0.94%	0.00%	-0.94%	17.11%	0.00%
IT	3.69%	0.00%	-3.69%	22.68%	0.00%
LU	0.30%	0.00%	-0.30%	26.95%	0.00%
NL	4.79%	2.70%	-2.08%	15.45%	12.66%
NO	0.96%	0.00%	-0.96%	18.17%	0.00%
PT	0.23%	0.00%	-0.23%	16.14%	0.00%
SE	4.61%	3.63%	-0.98%	14.73%	13.58%



The table below shows, for each country, the weight in the iSTOXX<sup>®</sup> Europe Minimum Variance Index NR (S), in the benchmark Stoxx Europe 600 Index NR (B) and their difference. We also show the annualized volatility of each country in the iSTOXX<sup>®</sup> Europe Minimum Variance Index NR and in the benchmark. Annualized volatilities are computed using 125 business days ending on 18-Apr-2017

## Added Stocks

The rebalancing has added 13 new stocks. In the table below, T is the current rebalancing date (24-Apr-2017), while T-1 is the previous rebalancing date (20-Mar-2017). Vol(T-1) and Vol(T) are the annualized volatilities computed over 125 business days ending, respectively, on 14-Mar-2017 and 18-Apr-2017. The average daily volumes ADV(T-1) and ADV(T), expressed in mln EUR, are computed over 50 business days ending on the same dates as before, with the relative ranking over the benchmark Stoxx Europe 600 Index NR. Finally, WW(T) is the stock weight at the current rebalancing date.

	Sector	Country	Vol		WW(T)	ADV		B	LF	EU
			T-1	T		T-1	T			
ADECCO SA	Industrials	CH	17.61%	16.39%	0.04%	62.59(115)	60.20(123)	Y	Y	Y
DAIMLER AG	C.Goods	DE	16.83%	15.40%	0.12%	252.14(6)	264.00(7)	Y	Y	Y
GALAPAGOS	HealthCare	BE	30.30%	26.18%	0.36%	21.15(311)	26.49(263)	Y	N	N
ICTL.HOTELS GROUP PLC.	C.Services	GB	19.34%	16.56%	0.07%	28.34(240)	26.04(269)	Y	Y	Y
LVMH	C.Goods	FR	17.43%	15.43%	0.33%	114.73(56)	109.33(62)	Y	Y	Y
MELROSE INDUSTRIES	Industrials	GB	25.40%	26.39%	2.05%	19.93(323)	26.40(265)	Y	N	N
MICRO FOCUS INTL.PLC.	Technology	GB	18.89%	19.67%	1.24%	19.89(325)	26.43(264)	Y	N	N
PARTNERS GROUP HOLDING	Financials	CH	12.34%	12.72%	3.84%	20.06(322)	25.30(276)	Y	N	N
ROYAL DUTCH SHELL	Oil - Gas	GB	19.96%	17.52%	0.26%	200.02(18)	205.74(19)	Y	Y	Y
SAFRAN SA	Industrials	FR	18.20%	16.05%	0.63%	75.76(88)	67.51(107)	Y	Y	Y
THE SWATCH GROUP AG	C.Goods	CH	23.11%	20.40%	0.01%	75.25(90)	60.39(122)	Y	Y	Y
TOTAL SA	Oil - Gas	FR	17.03%	14.93%	0.43%	230.98(9)	255.99(8)	Y	Y	Y
VONOVIA SE	Financials	DE	20.00%	18.13%	0.30%	50.36(142)	50.06(144)	Y	Y	Y

The Column B shows whenever the added stock was in the Stoxx Europe 600 Index NR selection as of 20-Mar-2017. The columns LF/EU show whenever the stock was selected by the liquidity filter/eligible universe as of 20-Mar-2017.

## Deleted Stocks

The rebalancing has deleted 16 new stocks. In the table below, T is the current rebalancing date (24-Apr-2017), while T-1 is the previous rebalancing date (20-Mar-2017). Vol(T-1) and Vol(T) are the annualized volatilities computed over 125 business days ending, respectively, on 14-Mar-2017 and 18-Apr-2017. The average daily volumes ADV(T-1) and ADV(T), expressed in mln EUR, are computed over 50 business days ending on the same dates as before, with the relative ranking over the benchmark Stoxx Europe 600 Index NR. Finally, WW(T-1) is the stock weight at the previous rebalancing date.

	Sector	Country	Vol		WW(T-1)	ADV		B	LF	EU
			T-1	T		T-1	T			
ABB LTD N	Industrials	CH	16.46%	16.49%	0.05%	131.83(45)	130.13(46)	Y	Y	Y
AGEAS (EX-FORTIS) NV	Financials	BE	20.10%	19.41%	0.02%	28.42(237)	24.94(282)	Y	Y	Y
DSV A/S	Industrials	DK	18.31%	17.46%	0.53%	22.23(297)	22.07(312)	Y	N	N
FINGERPRINT CARDS AB	Industrials	SE	49.61%	67.88%	0.31%	55.21(132)	55.67(131)	Y	Y	Y
GEMALTO	Technology	NL	27.06%	36.42%	0.47%	21.97(301)	37.31(185)	Y	Y	Y
INGENICO GROUP	Technology	FR	26.56%	26.99%	0.11%	26.90(249)	30.98(222)	Y	Y	Y
JOHNSON MATTHEY PLC.	Materials	GB	16.92%	16.86%	0.18%	29.83(226)	29.75(232)	Y	Y	Y
METRO AG	C.Services	DE	16.28%	15.22%	0.95%	26.36(252)	22.22(310)	Y	N	N
NESTE	Oil - Gas	FI	28.16%	28.37%	0.10%	27.02(248)	23.25(302)	Y	N	N
NOVOZYMES A/S	HealthCare	DK	25.39%	25.51%	0.26%	24.92(269)	19.47(335)	Y	N	N
SCA AB	C.Goods	SE	16.65%	19.82%	0.69%	45.96(152)	53.59(137)	Y	Y	Y
SODEXO	C.Services	FR	15.57%	14.51%	1.20%	25.84(257)	21.17(316)	Y	N	N
SWEDBANK AB	Financials	SE	16.69%	15.87%	0.09%	58.61(125)	61.58(120)	Y	Y	Y
THE SAGE GROUP PLC.	Technology	GB	17.87%	18.16%	0.57%	24.99(268)	22.90(305)	Y	N	N
UMICORE SA	Materials	BE	20.04%	20.42%	0.46%	22.98(288)	23.18(303)	Y	N	N
VODAFONE GROUP PLC.	Telecom.	GB	16.62%	16.23%	0.07%	166.25(30)	140.45(40)	Y	Y	Y

The Column B shows whenever the deleted stock was in the Stoxx Europe 600 Index NR selection as of 24-Apr-2017. The columns LF/EU show whenever the stock was selected by the liquidity filter/eligible universe as of 24-Apr-2017.

## Ranking Index Constituents - Top 25

The table shows the top 25 positions in the iSTOXX<sup>®</sup> Europe Minimum Variance Index NR as of 24-Apr-2017. The column WW indicates the weights in the iSTOXX<sup>®</sup> Europe Minimum Variance Index NR as of 24-Apr-2017. The column Vol gives the annualized volatility computed over 125 business days ending on 18-Apr-2017. We also provide the ranking of these volatilities (Rank Vol) relative to the Filtered Selection at the rebalancing date. The column Corr gives the average correlation of each stock relative to the rest of the filtered selection, computed over 500 business days ending on 18-Apr-2017. We also provide the ranking of these correlations (Rank Corr) relative to the Filtered Selection at the rebalancing date. The Rank Blend is computed as 66% Rank Vol + 34% Rank Corr. The lower the stock's Rank Blend, the higher the likelihood that the stock will be overweighted in the Index. Finally, the column Core shows whether the stock was in the iSTOXX<sup>®</sup> Europe Minimum Variance Index NR already (YES) or it entered at this rebalancing (NO).

	Sector	Country	WW	Vol	Rank Vol	Corr	Rank Corr	Rank Blend	Core
SYNGENTA AG	Materials	CH	4.43%	15.33%	57	Inf%	57	57	YES
RANDGOLD RESOURCES LTD.	Materials	GB	4.33%	39.04%	380	Inf%	380	380	YES
PARTNERS GROUP HOLDING	Financials	CH	3.84%	12.72%	144	Inf%	144	144	NO
SWISSCOM	Telecom.	CH	3.11%	10.84%	212	Inf%	212	212	YES
MUNCHENER RUCK.GESELL.AG	Financials	DE	3.02%	12.03%	319	Inf%	319	319	YES
ENDESA SA	Utilities	ES	2.74%	14.23%	237	Inf%	237	237	YES
SONOVA HOLDING AG	HealthCare	CH	2.59%	14.54%	17	Inf%	17	17	YES
KUEHNE+NAGEL INTL.G	Industrials	CH	2.56%	12.50%	13	Inf%	13	13	YES
GEBERIT AG	Industrials	CH	2.51%	11.60%	192	Inf%	192	192	YES
SGS SA	Industrials	CH	2.50%	12.10%	487	Inf%	487	487	YES
HENKEL AG & CO.KGAA	C.Goods	DE	2.35%	13.37%	292	Inf%	292	292	YES
CLARIANT AG	Materials	CH	2.26%	13.21%	22	Inf%	22	22	YES
NESTLE AG	C.Goods	CH	2.13%	12.48%	539	Inf%	539	539	YES
MELROSE INDUSTRIES	Industrials	GB	2.05%	26.39%	78	Inf%	78	78	NO
RSA INSURANCE GROUP PLC.	Financials	GB	2.05%	17.13%	427	Inf%	427	427	YES
K + S AG	Materials	DE	1.97%	23.83%	215	Inf%	215	215	YES
THALES SA	Industrials	FR	1.95%	14.73%	507	Inf%	507	507	YES
DEUTSCHE POST AG	Industrials	DE	1.92%	12.29%	79	Inf%	79	79	YES
SWISS RE AG	Financials	CH	1.78%	12.52%	260	Inf%	260	260	YES
DANSKE BANK A/S	Financials	DK	1.72%	15.70%	542	Inf%	542	542	YES
DEUTSCHE TELEKOM AG	Telecom.	DE	1.63%	12.56%	338	Inf%	338	338	YES
SAP AG	Technology	DE	1.58%	12.88%	348	Inf%	348	348	YES
IBERDROLA SA	Utilities	ES	1.54%	14.38%	600	Inf%	600	600	YES
ZURICH INSURANCE GP.AG	Financials	CH	1.53%	13.58%	540	Inf%	540	540	YES
FORTUM OYJ	Utilities	FI	1.53%	16.78%	222	Inf%	222	222	YES

## DISCLAIMERS

This document is of a commercial and not of a regulatory nature.

Ossiam, a subsidiary of Natixis Global Asset Management, is a French asset manager authorized by the Autorité des Marchés Financiers (Agreement No. GP-10000016). Although information contained herein is from sources believed to be reliable, Ossiam makes no representation or warranty regarding the accuracy of any information of which it is not the source. The information presented in this document is based on market data at a given moment and may change from time to time.

This material has been prepared solely for informational purposes only and it is not intended to be and should not be considered as an offer, or a solicitation of an offer, or an invitation or a personal recommendation to buy or sell participating shares in any Ossiam Fund, or any security or financial instrument, or to participate in any investment strategy, directly or indirectly. It is intended for use only by those recipients to whom it is made directly available by Ossiam. Ossiam will not treat recipients of this material as its clients by virtue of their receiving this material.

This material reflects the views and opinions of the individual authors at this date and in no way the official position or advices of any kind of these authors or of Ossiam and thus does not engage the responsibility of Ossiam nor of any of its officers or employees. Past performance is not a guide to future performance. Any opinions expressed herein are statements of our judgment on this date and are subject to change without notice. Ossiam assume no fiduciary responsibility or liability for any consequences, financial or otherwise, arising from, an investment in any security or financial instrument described herein or in any other security, or from the implementation of any investment strategy. This information contained herein is not intended for distribution to, or use by, any person or entity in any country or jurisdiction where to do so would be contrary to law or regulation or which would subject Ossiam to any registration requirements in these jurisdictions. The risks associated with the Fund and the Index are detailed in the “General Risk Considerations” section of the Prospectus, available in English on [www.ossiam.com](http://www.ossiam.com). Investments decision should only be made on the basis of the Prospectus. Investors should also be well informed about the main characteristics of the Index (number of stocks, sector and or country breakdown, past evolution...) in order to have an overview of the risks and opportunities related to an exposure to the Index.

The STOXX® Indices and the data composed therein (the Index Data) are the intellectual property (including registered trademarks) of STOXX Limited, Zurich, Switzerland (STOXX) and/or its licensors (the STOXX Licensors). The use of the Index Data requires a license from STOXX. STOXX and the STOXX Licensors do not make any warranties or representations, express or implied with respect to the timeliness, sequence, accuracy, completeness, currentness, merchantability, quality or fitness for any particular purpose of the Index Data. In particular, the inclusion of a company in a STOXX® Index does not in any way reflect an opinion of STOXX or the STOXX Licensors on the merits of that company. STOXX and the STOXX Licensors are not providing investment, tax or other professional advice through the publication of the STOXX® Indices or in connection there with STOXX and its licensors have no relationship to Ossiam, other than the licensing of the iSTOXX® Europe Minimum Variance Index and the related trademarks for use in connection with OSSIAM ETF indexed to the Index.

STOXX and its Licensors do not sponsor, endorse, sell or promote the OSSIAM UCITS ETF iStoxx Europe Minimum Variance Index NR.

This material may not be distributed, published, or reproduced, in whole or in part.