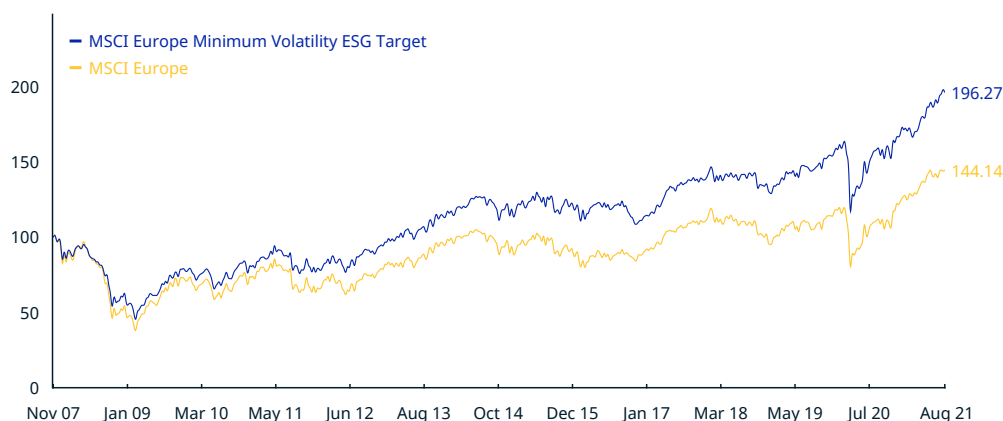


MSCI Europe Minimum Volatility ESG Target Index (USD)

The MSCI Europe Minimum Volatility ESG Target Index is based on MSCI Europe Index, its parent index, which includes large and mid-cap stocks across 15 Developed Market (DM) countries* in Europe. The index is designed to represent the performance of a strategy that seeks systematic integration of environmental, social and governance (ESG) norms in minimum volatility investing by seeking to minimize risk along with the improvement in the ESG profile of the index. The Index aims to achieve lowest risk while improving the ESG score relative to the underlying parent index.

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2007 – AUG 2021)



ANNUAL PERFORMANCE (%)

Year	MSCI Europe Minimum Volatility ESG Target	MSCI Europe
2020	7.45	5.38
2019	22.90	23.77
2018	-8.13	-14.86
2017	24.62	25.51
2016	-6.72	-0.40
2015	3.32	-2.84
2014	-0.04	-6.18
2013	24.45	25.23
2012	18.54	19.12
2011	-2.51	-11.06
2010	4.49	3.88
2009	28.30	35.83
2008	-38.22	-46.42

INDEX PERFORMANCE – NET RETURNS (%) (AUG 31, 2021)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 2007
					3 Yr	5 Yr	10 Yr		
MSCI Europe Minimum Volatility ESG Target	2.20	5.63	23.95	14.92	11.46	10.27	9.00	5.02	
MSCI Europe	1.51	1.98	29.18	15.59	9.71	10.11	7.43	2.69	

FUNDAMENTALS (AUG 31, 2021)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.59	23.97	20.21	2.94
2.44	20.57	15.85	2.18

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2007 – AUG 31, 2021)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Nov 30, 2007	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Europe Minimum Volatility ESG Target	0.79	5.60	20.27	15.07	13.28	13.20	0.71	0.71	0.66	0.33	54.96	2007-12-10–2009-03-09
MSCI Europe	1.00	0.00	2.07	19.07	16.07	16.13	0.51	0.60	0.48	0.19	62.35	2007-12-10–2009-03-09

¹ Last 12 months

² Based on monthly net returns data

³ Based on ICE LIBOR 1M

* DM countries in Europe include: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the UK.

The MSCI Europe Minimum Volatility ESG Target Index was launched on Sep 28, 2017. Data prior to the launch date is back-tested data (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance – whether actual or back-tested – is no indication or guarantee of future performance.

INDEX CHARACTERISTICS

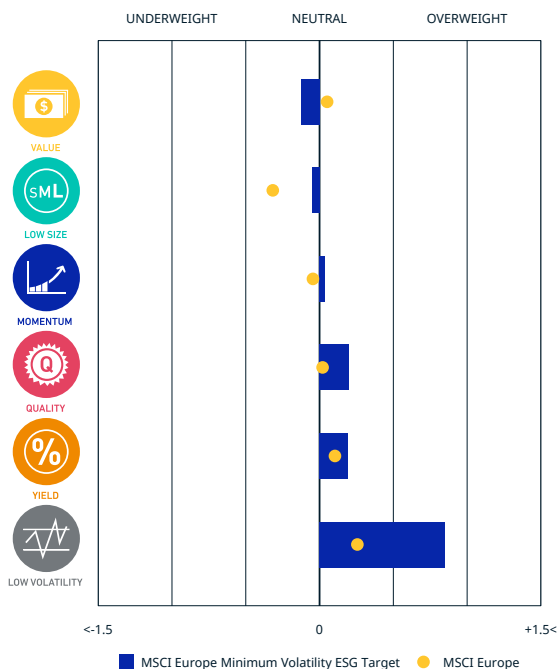
	MSCI Europe Minimum Volatility ESG Target	MSCI Europe
Number of Constituents	137	432
Weight (%)		
Largest	1.95	3.22
Smallest	0.02	0.02
Average	0.73	0.23
Median	0.61	0.12

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
MERCK KGAA STAMM	DE	1.95	0.27	Health Care
CRODA INTERNATIONAL	GB	1.91	0.16	Materials
LONZA GROUP	CH	1.90	0.56	Health Care
SEGRO	GB	1.76	0.19	Real Estate
NOVO NORDISK B	DK	1.74	1.52	Health Care
ROCHE HOLDING INHABER	CH	1.72	0.13	Health Care
GEBERIT	CH	1.71	0.27	Industrials
WOLTERS KLUWER	NL	1.71	0.27	Industrials
GIVAUDAN	CH	1.65	0.41	Materials
KUEHNE & NAGEL INTL	CH	1.62	0.17	Industrials
Total		17.66	3.94	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



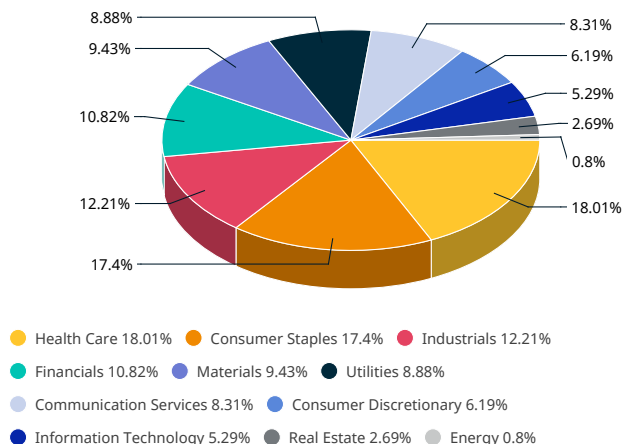
MSCI FaCS

- VALUE**
Relatively Inexpensive Stocks
- LOW SIZE**
Smaller Companies
- MOMENTUM**
Rising Stocks
- QUALITY**
Sound Balance Sheet Stocks
- YIELD**
Cash Flow Paid Out
- LOW VOLATILITY**
Lower Risk Stocks

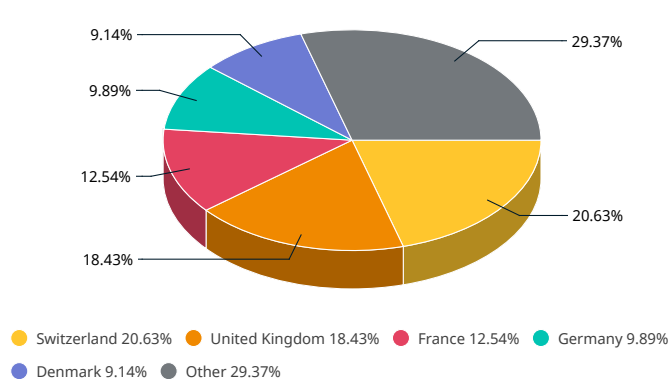
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

SECTOR WEIGHTS



COUNTRY WEIGHTS



INDEX METHODOLOGY

The MSCI Minimum Volatility ESG Target Indexes are calculated by optimizing a parent MSCI Index by using an estimated co-variance matrix to produce an index that has the lowest absolute volatility for a given set of constraints. This includes specific constraints for improving the ESG profile for the index relative to that of the underlying parent index. The eligible universe is the universe of all the securities in the Parent Index that are not involved in very severe ESG controversies ("Red flags") or in controversial weapons. The starting universe to determine a Minimum Volatility Index is an MSCI Equity Index and the estimated co-variance matrix is based on the relevant Barra multi-factor equity model.

The MSCI Minimum Volatility ESG Target Indexes are rebalanced on a semi-annual basis, usually as of the close of the last business day of May and November, coinciding with the May and November Semi-Annual Index Reviews (SAIRs) of the MSCI Global Investable Market Indexes.

FACTOR BOX AND FaCS METHODOLOGY

MSCI FaCS is a standard method ([MSCI FaCS Methodology](#)) for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

ABOUT MSCI

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process. To learn more, please visit www.msci.com.

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