

MSCI EMU ESG SCREENED INDEX (EUR)

The MSCI EMU ESG Screened Index is based on the MSCI EMU Index, its parent index, which includes large and mid-cap securities across the 10 Developed Markets countries in the EMU*. The index excludes companies from the parent index that are associated with controversial, civilian and nuclear weapons and tobacco, that derive revenues from thermal coal and oil sands extraction and that are not compliant with the United Nations Global Compact principles.

CUMULATIVE INDEX PERFORMANCE - NET RETURNS (EUR) (MAY 2012 – MAR 2019)



ANNUAL PERFORMANCE (%)

Year	MSCI EMU ESG Screened	MSCI EMU
2018	-13.41	-12.71
2017	12.26	12.49
2016	4.65	4.37
2015	9.37	9.81
2014	4.88	4.32
2013	23.83	23.36

INDEX PERFORMANCE — NET RETURNS (%) (MAR 29, 2019)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 2012
					3 Yr	5 Yr	10 Yr	Since May 31, 2012	
MSCI EMU ESG Screened	1.61	11.80	0.01	11.80	6.71	4.90	na	10.61	
MSCI EMU	1.32	11.93	0.53	11.93	7.12	5.04	na	10.67	

FUNDAMENTALS (MAR 29, 2019)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.45	14.83	13.03	1.56
3.43	14.83	12.82	1.57

INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2012 – MAR 29, 2019)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since May 31, 2012 (%)	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		Period YYYY-MM-DD	
MSCI EMU ESG Screened	1.00	0.61	5.85	11.63	13.49	na	0.65	0.44	na	0.86	26.34	2015-04-13—2016-02-11
MSCI EMU	1.00	0.00	2.11	11.66	13.49	na	0.68	0.45	na	0.87	26.30	2015-04-13—2016-02-11

¹ Last 12 months

² Based on monthly net returns data

³ Based on ICE LIBOR 1M

* Developed Market countries in the EMU include: Austria, Belgium, Finland, France, Germany, Ireland, Italy, the Netherlands, Portugal and Spain.

The MSCI EMU ESG Screened Index was launched on Oct 22, 2018. 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.

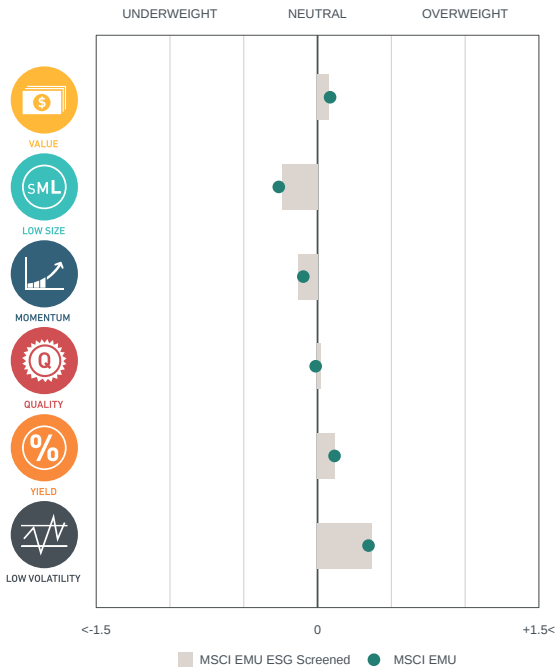
INDEX CHARACTERISTICS

	MSCI EMU ESG Screened	MSCI EMU
Number of Constituents	232	246
	Weight (%)	
Largest	3.39	3.11
Smallest	0.05	0.04
Average	0.43	0.41
Median	0.22	0.21

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
TOTAL	FR	3.39	3.11	Energy
SAP	DE	2.87	2.63	Info Tech
LVMH MOET HENNESSY	FR	2.58	2.37	Cons Discr
SANOFI	FR	2.51	2.30	Health Care
ALLIANZ	DE	2.38	2.19	Financials
UNILEVER NV (NL) CERT	NL	2.26	2.07	Cons Staples
SIEMENS	DE	2.08	1.91	Industrials
ASML HLDG	NL	1.94	1.78	Info Tech
BANCO SANTANDER	ES	1.91	1.75	Financials
L'OREAL	FR	1.71	1.57	Cons Staples
Total		23.63	21.67	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN MSCI FACTOR BOX



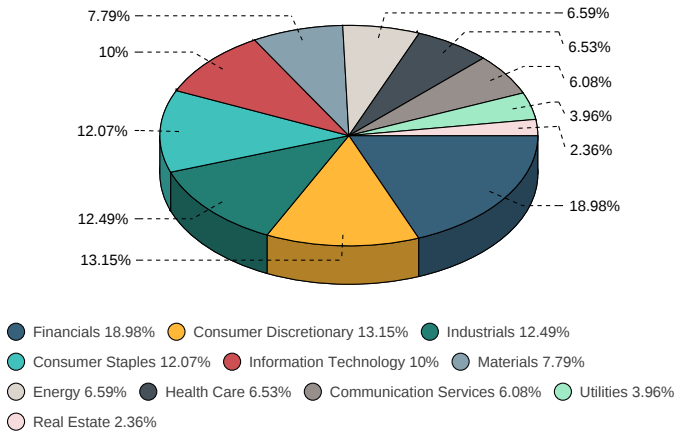
MSCI FaCS

- 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

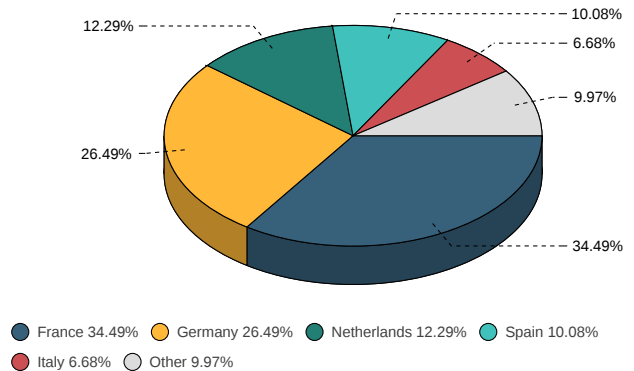
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS



INDEX METHODOLOGY

The MSCI ESG Screened Indexes aim to represent the performance of an investment strategy that excludes companies from the parent index that are involved in business activities of Controversial Weapons, Nuclear Weapons, Civilian Firearms, Tobacco, Thermal Coal, Oil Sands. In addition to the above, companies that fail to comply with the United Nations Global Compact Principles are also excluded from the MSCI ESG Screened Indexes. The indexes are maintained following the [MSCI Global Investable Indexes \(GIMI\) Methodology](#) —a comprehensive and consistent approach to index construction that allows for meaningful global views and cross regional comparisons across all market capitalization size, sector and style segments and combinations. This methodology aims to provide exhaustive coverage of the relevant investment opportunity set with a strong emphasis on index liquidity, investability and replicability.

The index is reviewed in February, May, August and November, coinciding with the quarterly and semiannually index reviews of 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

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