

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 as well as tobacco, palm oil and arctic oil & gas or Companies that derive revenues from thermal coal power and extraction of select fossil fuels or Companies that are not in compliance with the United Nations Global Compact principles or Companies that are involved in Red Flag ESG controversies, Orange Flag Land Use and Biodiversity controversies or Orange Flag Supply Chain Management controversies In addition, the Indexes target a minimum 30% reduction in carbon emission intensity relative to the underlying Parent Indexes.

For a complete description of the index methodology, please see [Index methodology - MSCI](#).

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (EUR) (MAY 2012 – NOV 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI EMU ESG Screened	MSCI EMU
2023	19.71	18.78
2022	-13.42	-12.47
2021	22.46	22.16
2020	-0.08	-1.02
2019	24.89	25.47
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 (%) (NOV 29, 2024)

	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	-0.20	-2.82	11.14	7.74	5.37	6.69	6.41	9.29	
MSCI EMU	0.05	-2.29	11.47	8.00	5.62	6.54	6.48	9.30	

FUNDAMENTALS (NOV 29, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.34	14.33	12.64	1.76
3.26	14.50	12.76	1.77

INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2012 – NOV 29, 2024)

	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	0.99	0.70	3.62	15.59	17.78	15.88	0.28	0.39	0.45	0.65	37.31	2020-02-19–2020-03-18
MSCI EMU	1.00	0.00	2.40	15.48	18.02	16.02	0.29	0.38	0.45	0.65	38.07	2020-02-19–2020-03-18

¹ Last 12 months ² Based on monthly net returns data ³ Based on EMMI EURIBOR 1M from Sep 1 2021 & on ICE LIBOR 1M prior that date

* 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 test (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

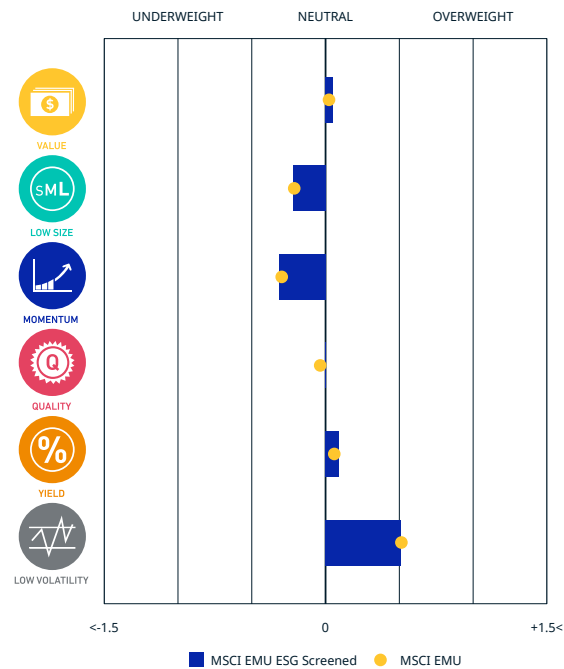
	MSCI EMU ESG Screened	MSCI EMU
Number of Constituents	210	222
	Weight (%)	
Largest	5.56	5.17
Smallest	0.05	0.04
Average	0.48	0.45
Median	0.20	0.20

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
ASML HLDG	NL	5.56	5.17	Info Tech
SAP	DE	4.97	4.62	Info Tech
LVMH MOET HENNESSY	FR	3.45	3.20	Cons Discr
SIEMENS	DE	2.94	2.74	Industrials
SCHNEIDER ELECTRIC	FR	2.82	2.62	Industrials
TOTALENERGIES	FR	2.51	2.33	Energy
ALLIANZ	DE	2.42	2.25	Financials
DEUTSCHE TELEKOM	DE	2.23	2.08	Comm Srvcs
SANOFI	FR	2.22	2.07	Health Care
AIR LIQUIDE	FR	1.92	1.79	Materials
Total		31.04	28.86	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



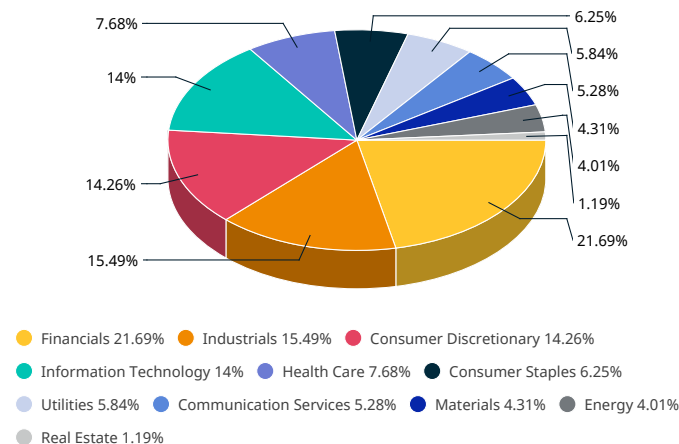
MSCI FaCS

- 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

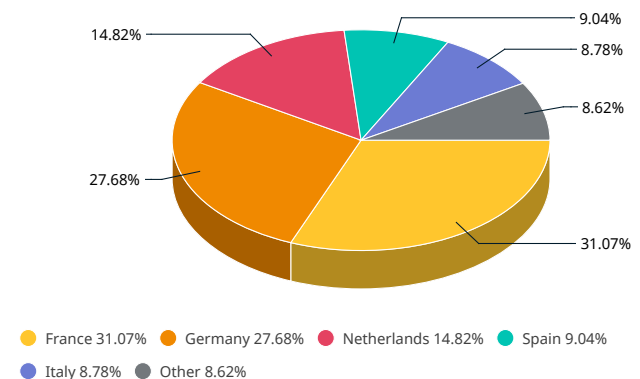
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS



MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology [here](#))

MSCI FaCS is a standard method 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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