

MSCI Europe Value ESG Target Index (USD)

The MSCI Europe Value ESG Target Index is based on MSCI World 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 factor investing, by seeking higher exposure to value style along with the improvement in the ESG profile of the index.

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

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (OCT 2009 – OCT 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Europe Value ESG Target	MSCI Europe
2023	17.17	19.89
2022	-14.88	-15.06
2021	19.28	16.30
2020	7.65	5.38
2019	22.66	23.77
2018	-15.94	-14.86
2017	26.13	25.51
2016	0.88	-0.40
2015	-4.01	-2.84
2014	-3.76	-6.18
2013	31.16	25.23
2012	17.32	19.12
2011	-13.31	-11.06
2010	5.02	3.88

INDEX PERFORMANCE – NET RETURNS (%) (OCT 31, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 2007
					3 Yr	5 Yr	10 Yr		
MSCI Europe Value ESG Target	-6.41	-2.55	26.25	9.98	3.93	8.40	5.88	3.36	
MSCI Europe	-5.89	-1.80	22.43	6.13	3.00	6.91	5.23	2.69	

FUNDAMENTALS (OCT 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.43	14.42	12.88	1.76
3.26	14.73	13.25	2.04

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2007 – OCT 31, 2024)

	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 Value ESG Target	1.02	2.99	39.98	18.17	19.77	17.26	0.10	0.39	0.32	0.20	62.32	2007-12-10–2009-03-09
MSCI Europe	1.00	0.00	3.34	18.35	19.35	16.47	0.05	0.32	0.29	0.17	62.35	2007-12-10–2009-03-09

¹ Last 12 months

² Based on monthly net returns data

³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

* 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 Value ESG Target Index was launched on Sep 28, 2017. 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

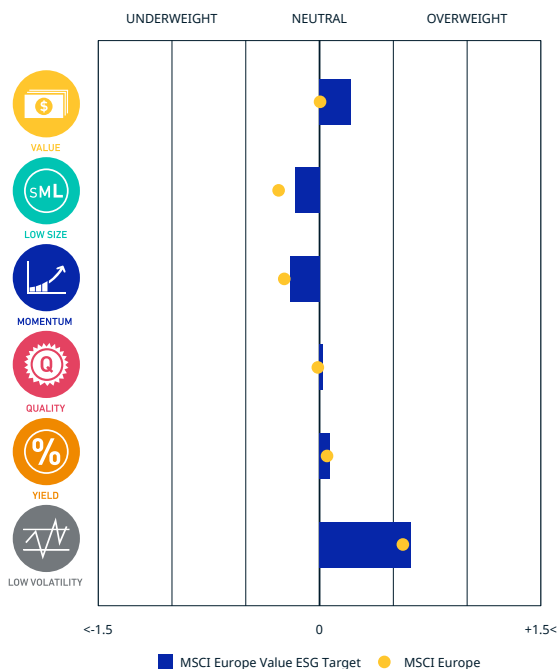
	MSCI Europe Value ESG Target	MSCI Europe
Number of Constituents	90	414
	Weight (%)	
Largest	4.32	3.31
Smallest	0.00	0.01
Average	1.11	0.24
Median	0.73	0.10

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
NOVO NORDISK B	DK	4.32	3.31	Health Care
ASML HLDG	NL	3.98	2.49	Info Tech
SCHNEIDER ELECTRIC	FR	3.41	1.30	Industrials
IBERDROLA	ES	3.07	0.84	Utilities
TOTALENERGIES	FR	3.02	1.24	Energy
ZURICH INSURANCE GROUP	CH	3.00	0.80	Financials
ABB LTD	CH	2.89	0.81	Industrials
DIAGEO	GB	2.67	0.63	Cons Staples
SAP	DE	2.63	2.25	Info Tech
BARCLAYS	GB	2.59	0.42	Financials
Total		31.58	14.11	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



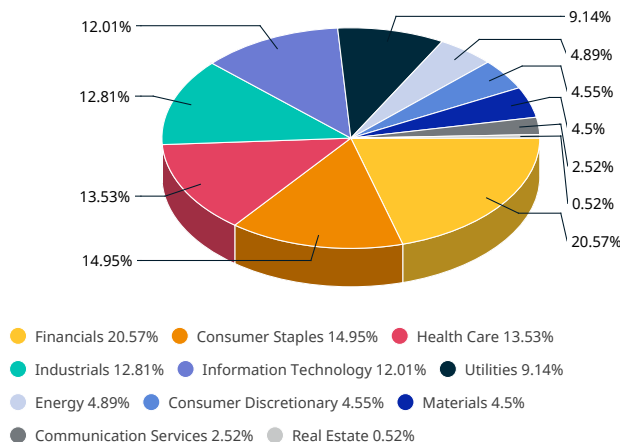
MSCI FaCS

- 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

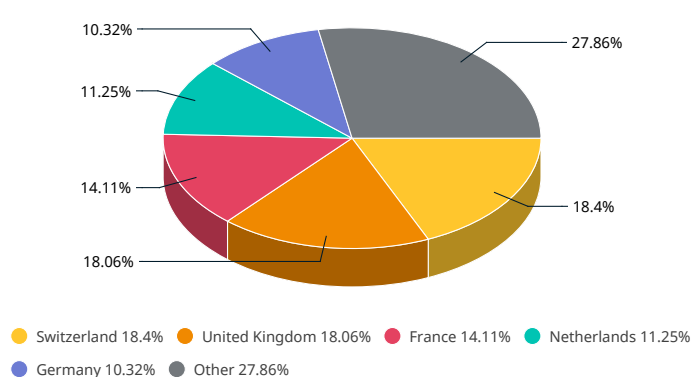
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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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