MSCI Europe Minimum Volatility ESG Reduced Carbon Target Index (EUR)

The MSCI Europe Minimum Volatility ESG Reduced Carbon 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 along with the minimum volatility factor.

For a complete description of the index methodology, please see Index methodology - MSCI.

CUMULATIVE INDEX PERFORMANCE — NET RETURNS (EUR) (MAY 2010 – DEC 2024)

- MSCI Europe Minimum Volatility ESG Reduced Carbon Target - MSCI Europe 300 200 May 10 Aug 11 Oct 12 Jan 14 Apr 15 Jun 16 Sep 17 Nov 18 Feb 20 May 21 Jul 22 Oct 23 Dec 24

ANNUAL PERFORMANCE (%)

Year	MSCI Europe Minimum Volatility ESG Reduced Carbon Target	MSCI Europe				
2024	9.10	8.59				
2023	12.08	15.83				
2022	-14.84	-9.49				
2021	23.54	25.13				
2020	-2.66	-3.32				
2019	23.84	26.05				
2018	-4.37	-10.57				
2017	10.36	10.24				
2016	-1.93	2.58				
2015	14.77	8.22				
2014	13.51	6.84				
2013	18.71	19.82				
2012	16.45	17.29				
2011	0.62	-8.08				

INDEX PERFORMANCE - NET RETURNS (%) (DEC 31, 2024)

FUNDAMENTALS (DEC 31, 2024)

					ANNUALIZED							
	1 Mo	3 Мо	1 Yr	YTD	3 Yr	5 Yr	10 Yr _M	Since lay 26, 2010	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI Europe Minimum Volatility ESG Reduced Carbon	-0.84	-3.39	9.10	9.10	1.36	4.60	6.30	8.55	3.42	16.56	14.70	2.42
Target									3.26	14.66	13.17	2.04
MSCI Europe	-0.49	-2.72	8.59	8.59	4.41	6.61	6.63	7.96				

INDEX RISK AND RETURN CHARACTERISTICS (MAY 26, 2010 - DEC 31, 2024)

				ANNUALIZED STD DEV (%) 2			SHARPE RATIO 2,3				MAXIMUM DRAWDOWN	
	Beta	Tracking Error (%)	Turnover (%) ¹	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since May 26, 2010	(%)	Period YYYY-MM-DD
MSCI Europe Minimum Volatility ESG Reduced Carbon Target	0.79	4.86	20.94	12.23	13.72	12.21	-0.01	0.31	0.53	0.74	31.55	2020-02-19—2020-03-23
MSCI Europe	1.00	0.00	3.43	12.99	15.52	13.99	0.22	0.42	0.50	0.60	35.25	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											



MSCI Europe Minimum Volatility ESG Reduced Carbon Target Index (EUR)

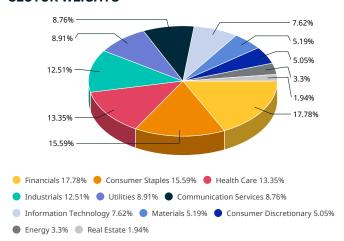
INDEX CHARACTERISTICS

	MSCI Europe Minimum Volatility ESG Reduced Carbon Target	MSCI Europe						
Number of	110	414						
Constituents								
	Weight (%)							
Largest	1.77	2.70						
Smallest	0.05	0.02						
Average	0.91	0.24						
Median	0.97	0.10						

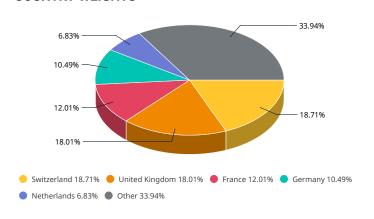
TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
SAGE GROUP (THE)	GB	1.77	0.15	Info Tech
SWISS RE	CH	1.60	0.42	Financials
KBC GROUPE	BE	1.60	0.17	Financials
3I GROUP	GB	1.59	0.42	Financials
SAP	DE	1.59	2.46	Info Tech
ASSICURAZIONI GENERALI	IT	1.58	0.26	Financials
DEUTSCHE BOERSE	DE	1.58	0.42	Financials
SWISS PRIME SITE	CH	1.56	0.08	Real Estate
MUENCHENER RUECKVERSICH	DE	1.54	0.65	Financials
ZURICH INSURANCE GROUP	CH	1.52	0.84	Financials
Total		15.92	5.86	

SECTOR WEIGHTS



COUNTRY WEIGHTS



The MSCI Europe Minimum Volatility ESG Reduced Carbon Target Index was launched on Feb 13, 2020. 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.



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

DEC 31, 2024 Index Factsheet

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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