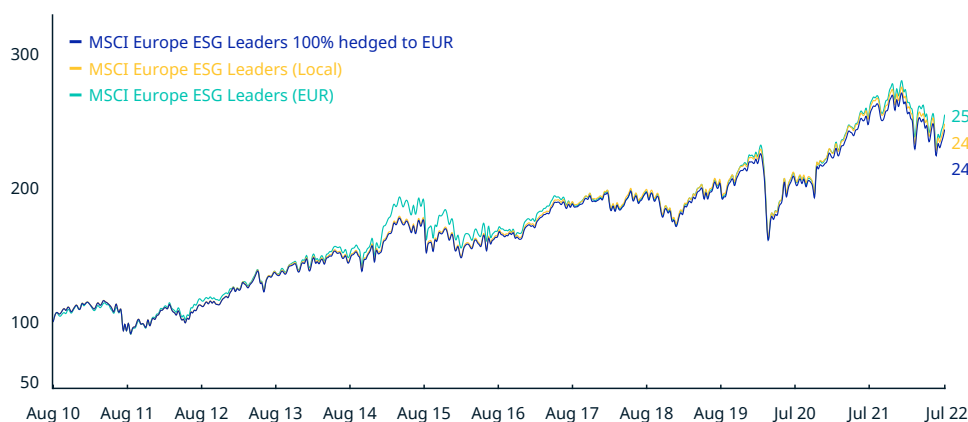


MSCI Europe ESG Leaders 100% hedged to EUR Index (EUR)

The MSCI Europe ESG Leaders 100% hedged to EUR Index represents a close estimation of the performance that can be achieved by hedging the currency exposures of its parent index, the MSCI Europe ESG Leaders Index, to the EUR, the "home" currency for the hedged index. The index is 100% hedged to the EUR by selling each foreign currency forward at the one-month Forward rate. The parent index captures large and mid-cap stocks across the 15 Developed Markets countries in the Europe*. The Parent Index aims to provide exposure to companies with high Environmental, Social and Governance (ESG) performance relative to their sector peers and is designed for investors seeking a broad, diversified sustainability benchmark.

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (EUR) (AUG 2010 – JUL 2022)



ANNUAL PERFORMANCE (%)

Year	MSCI Europe ESG Leaders 100% hedged to EUR	MSCI Europe ESG Leaders (Local)	MSCI Europe ESG Leaders (EUR)
2021	22.37	22.51	24.76
2020	1.16	1.19	0.28
2019	26.00	26.34	27.98
2018	-9.66	-9.48	-9.41
2017	11.61	11.79	9.00
2016	4.12	4.26	0.19
2015	8.74	8.62	12.16
2014	5.02	5.25	7.19
2013	22.16	22.61	20.81
2012	16.25	16.48	18.34
2011	-7.88	-8.00	-6.72

INDEX PERFORMANCE – NET RETURNS (%) (JUL 29, 2022)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Aug 31, 2010
MSCI Europe ESG Leaders 100% hedged to EUR	6.33	-1.97	-4.00	-9.64	6.66	5.57	8.39	7.74
MSCI Europe ESG Leaders (Local)	6.32	-1.90	-3.83	-9.51	6.80	5.74	8.56	7.90
MSCI Europe ESG Leaders (EUR)	7.81	-1.12	-2.04	-8.62	8.07	6.31	8.45	8.15

INDEX RISK AND RETURN CHARACTERISTICS (AUG 31, 2010 – JUL 29, 2022)

	ANNUALIZED STD DEV (%) ¹			SHARPE RATIO ^{1,2}			Since Aug 31, 2010	MAXIMUM DRAWDOWN	
	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Europe ESG Leaders 100% hedged to EUR	15.93	14.05	12.28	0.52	0.49	0.74	0.67	32.02	2020-02-19–2020-03-18
MSCI Europe ESG Leaders (Local)	15.92	14.05	12.29	0.53	0.50	0.75	0.68	32.34	2020-02-19–2020-03-18
MSCI Europe ESG Leaders (EUR)	16.61	14.61	13.00	0.58	0.53	0.71	0.67	33.92	2020-02-19–2020-03-18

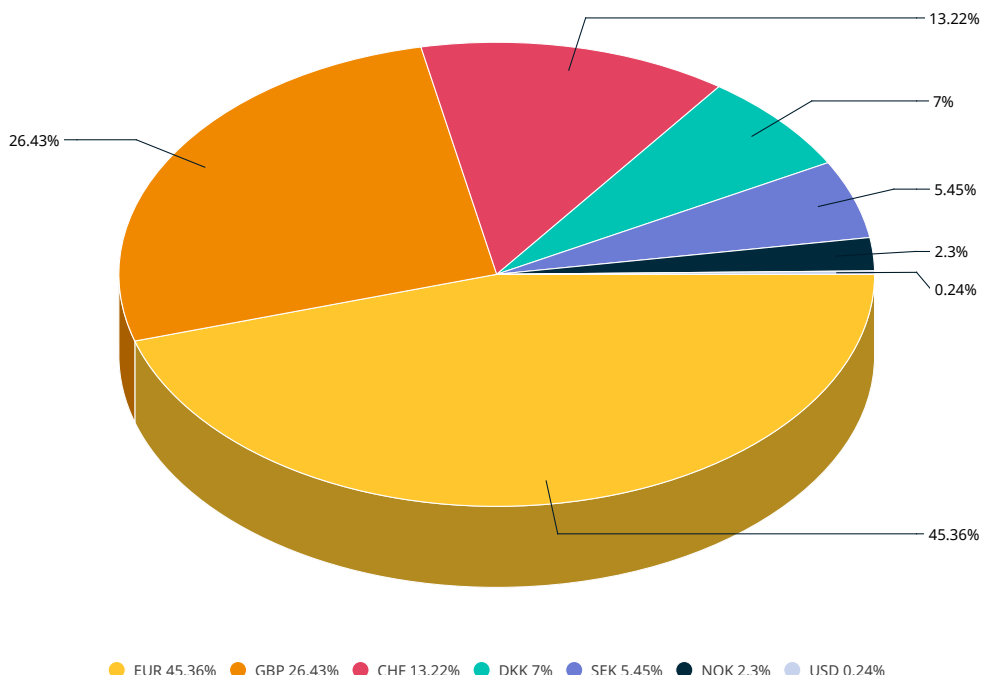
¹ Based on monthly net returns data

² Based on EMMI EURIBOR 1M 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 ESG Leaders 100% hedged to EUR Index was launched on Sep 13, 2019. 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.

CURRENCY WEIGHTS (JUL 29, 2022)



INDEX FRAMEWORK

The MSCI ESG Leaders Indexes are constructed by applying a Best-in-Class selection process to companies in the regional indexes that make up MSCI ACWI, a global equity index consisting of developed and emerging market countries. The ESG Leaders Indexes target sector and region weights consistent with those of the underlying indexes to limit the systematic risk introduced by the ESG selection process. The methodology aims to include securities of companies with the highest ESG ratings representing 50% of the market capitalization in each sector and region of the parent Index. Companies that are not existing constituents of the ESG Leaders Indexes must have an MSCI ESG Rating of 'BB' or above and the MSCI ESG Controversies Score of 3 or above to be eligible. Current constituents of the MSCI ESG Leaders Indexes must have an MSCI ESG Rating of 'BB' or above and an MSCI ESG Controversies Score of 1 or above to be eligible. In addition, companies showing qualifying involvement in alcohol, gambling, tobacco, nuclear power, civilian firearms, fossil fuels extraction, thermal coal power and weapons are excluded from the Indexes. The selection universe for The ESG Leaders Indexes is the constituents of the MSCI Global Investable Market Indexes. The Index is float-adjusted market capitalization weighted. The Annual Review of the MSCI ESG Leaders Indexes takes place in May, and they are rebalanced in August, November and February.

To hedge the currency risk in the Index, each foreign currency in the index is hedged back to a home currency (e.g., EUR) by notionally "selling" each currency forward at the one-month forward rate at the end of each month. To construct investable and replicable indexes, MSCI calculates the performance of Hedged Indexes using foreign currency weights and corresponding foreign currency notional amounts as of two business days before the first calendar day of the following month.

This summary is provided for illustrative purposes only and does not include all material elements of the index or its methodology. For a complete description of the index methodology, please see [Index methodology - 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.

The information contained herein (the "Information") may not be reproduced or disseminated in whole or in part without prior written permission from MSCI. The Information may not be used to verify or correct other data, to create indexes, risk models, or analytics, or in connection with issuing, offering, sponsoring, managing or marketing any securities, portfolios, financial products or other investment vehicles. Historical data and analysis should not be taken as an indication or guarantee of any future performance, analysis, forecast or prediction. None of the Information or MSCI index or other product or service constitutes an offer to buy or sell, or a promotion or recommendation of, any security, financial instrument or product or trading strategy. Further, none of the Information or any MSCI index is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. The Information is provided "as is" and the user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. NONE OF MSCI INC. OR ANY OF ITS SUBSIDIARIES OR ITS OR THEIR DIRECT OR INDIRECT SUPPLIERS OR ANY THIRD PARTY INVOLVED IN THE MAKING OR COMPILING OF THE INFORMATION (EACH, AN "MSCI PARTY") MAKES ANY WARRANTIES OR REPRESENTATIONS AND, TO THE MAXIMUM EXTENT PERMITTED BY LAW, EACH MSCI PARTY HEREBY EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. WITHOUT LIMITING ANY OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL ANY OF THE MSCI PARTIES HAVE ANY LIABILITY REGARDING ANY OF THE INFORMATION FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR ANY OTHER DAMAGES EVEN IF NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGES. The foregoing shall not exclude or limit any liability that may not be applicable law be excluded or limited.

© 2022 MSCI Inc. All rights reserved.

