

# MSCI Emerging Markets SRI Index (EUR)

The MSCI Emerging Markets (EM) SRI Index includes large and mid cap stocks across 26 EM countries\*. The index is a capitalization weighted index that provides exposure to companies with outstanding Environmental, Social and Governance (ESG) ratings and excludes companies whose products have negative social or environmental impacts. The Index is designed for investors seeking a diversified Socially Responsible Investment (SRI) benchmark comprised of companies with strong sustainability profiles while avoiding companies incompatible with values screens. Constituent selection is based on research provided by MSCI ESG Research.

## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (EUR) (MAY 2011 – OCT 2020)

## ANNUAL PERFORMANCE (%)



Year	MSCI EM SRI	MSCI Emerging Markets
2019	19.07	20.60
2018	-5.49	-10.26
2017	17.88	20.59
2016	17.08	14.51
2015	-3.17	-5.23
2014	19.46	11.38
2013	-7.73	-6.81
2012	19.70	16.41

## INDEX PERFORMANCE – NET RETURNS (%) (OCT 30, 2020)

## FUNDAMENTALS (OCT 30, 2020)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 2011	Div Yld (%)	P/E	P/E Fwd	P/BV
					3 Yr	5 Yr	10 Yr	Since May 31, 2011					
MSCI EM SRI	4.53	7.00	5.71	0.31	5.14	8.55	na	6.96	2.28	22.25	18.13	2.34	
MSCI Emerging Markets	2.74	4.20	3.68	-2.79	1.94	6.78	na	4.15	2.30	18.71	14.16	1.76	

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2011 – OCT 30, 2020)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since May 31, 2011	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI EM SRI	0.92	4.98	19.83	17.27	14.89	na	0.40	0.66	na	0.55	34.54	2020-01-14–2020-03-23
MSCI Emerging Markets	1.00	0.00	9.28	16.13	14.19	na	0.23	0.56	na	0.36	31.67	2020-01-20–2020-03-23

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly net returns data

<sup>3</sup> Based on ICE LIBOR 1M

The MSCI ESG Indexes use ratings and other data supplied by MSCI ESG Research Inc, a subsidiary of MSCI Inc.

\* EM countries include: Argentina, Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Malaysia, Mexico, Pakistan, Peru, Philippines, Poland, Qatar, Russia, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI Emerging Markets SRI Index was launched on Mar 24, 2014. 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

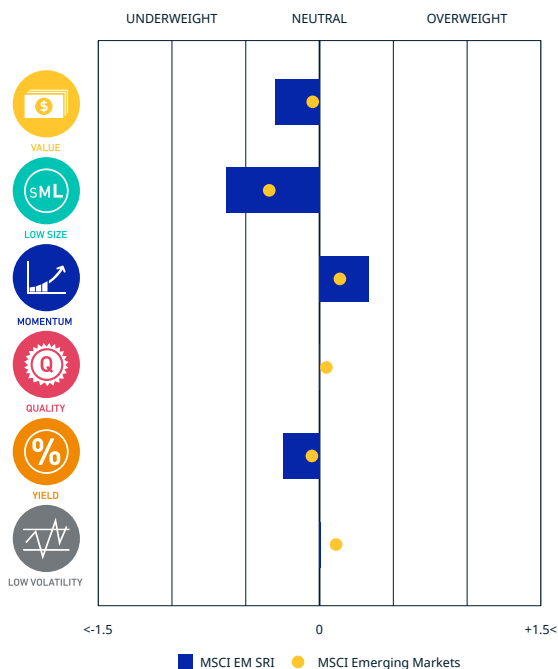
	MSCI EM SRI	MSCI Emerging Markets
<b>Number of Constituents</b>	191	1,392
	<b>Weight (%)</b>	
<b>Largest</b>	24.55	8.79
<b>Smallest</b>	0.01	0.00
<b>Average</b>	0.52	0.07
<b>Median</b>	0.18	0.02

### TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
TAIWAN SEMICONDUCTOR MFG	TW	24.55	5.71	Info Tech
MEITUAN B	CN	8.74	2.03	Cons Discr
NASPERS N	ZA	5.59	1.30	Cons Discr
HOUSING DEV FINANCE CORP	IN	2.82	0.66	Financials
NIO A ADR	CN	2.16	0.50	Cons Discr
NAVER	KR	2.08	0.48	Comm Svcs
WUXI BIOLOGICS	CN	1.88	0.44	Health Care
LG CHEM	KR	1.63	0.38	Materials
HINDUSTAN UNILEVER	IN	1.52	0.35	Cons Staples
QATAR NATIONAL BANK	QA	1.45	0.34	Financials
<b>Total</b>		<b>52.42</b>	<b>12.20</b>	

### FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

#### MSCI FACTOR BOX



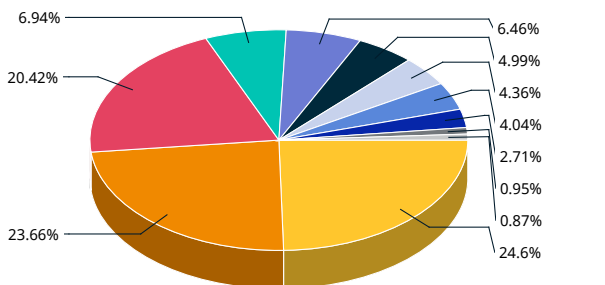
#### MSCI FaCS

- 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.

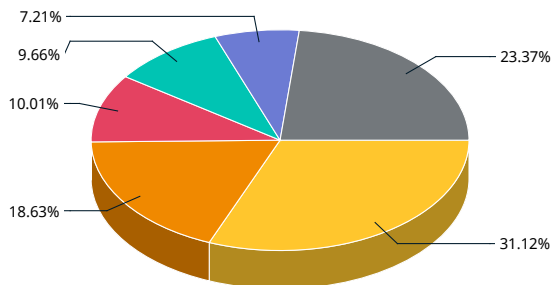
Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

### SECTOR WEIGHTS



- Information Technology 24.6%
- Consumer Discretionary 23.66%
- Financials 20.42%
- Consumer Staples 6.94%
- Communication Services 6.46%
- Materials 4.99%
- Health Care 4.36%
- Industrials 4.04%
- Energy 2.71%
- Utilities 0.95%
- Real Estate 0.87%

### COUNTRY WEIGHTS



- Taiwan 31.12%
- China 18.63%
- South Korea 10.01%
- South Africa 9.66%
- India 7.21%
- Other 23.37%

## INDEX METHODOLOGY

MSCI SRI Indexes are constructed by applying a combination of values based exclusions and 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. After securities of companies involved in Nuclear Power, Tobacco, Alcohol, Gambling, Military Weapons, Civilian Firearms, GMOs, Thermal Coal and Adult Entertainment are excluded, MSCI's Best-in-Class selection process is applied to the remaining eligible securities in the selection universe. The MSCI SRI 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 the securities of companies with the highest ESG ratings making up 25% of the market capitalization in each sector and region of the parent indexes. Companies that are not existing constituents of the MSCI SRI Indexes must have an MSCI ESG Rating above BBB and the MSCI ESG Controversies score above 3 to be eligible. Current constituents of the MSCI SRI Indexes must have an MSCI ESG Rating above B and the MSCI ESG Controversies score above 0 to be eligible. The selection universe for the MSCI SRI Indexes is the constituents of the MSCI Global Investable Market Indexes. The Index is float-adjusted market capitalization weighted.

## 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

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](http://www.msci.com).

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