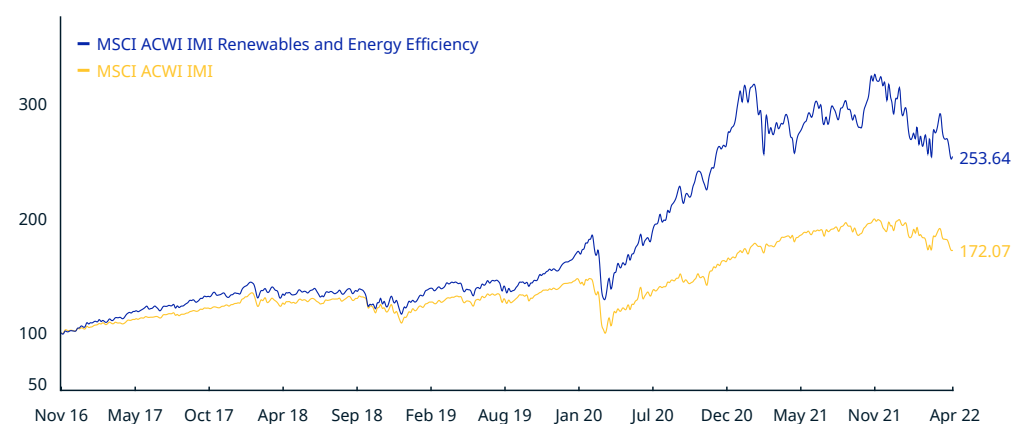


# MSCI ACWI IMI Renewables and Energy Efficiency Index (USD)

The MSCI ACWI IMI Renewables and Energy Efficiency Index aims to represent the performance of a set of companies from MSCI ACWI IMI that are associated with the development of new products and services that promote renewable energy and energy efficiency, all assessed within the context of potential contribution towards a circular economy. The parent index MSCI ACWI IMI Index, includes large, mid and small-cap securities across 23 Developed Markets (DM) and 24 Emerging Markets (EM) countries\*. The index also applies exclusions criteria to screen companies that are not considered aligned with the overall objective of promoting renewable energy, energy efficiency, or circularity.

## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2016 – APR 2022)



## ANNUAL PERFORMANCE (%)

Year	MSCI ACWI IMI Renewables and Energy Efficiency	MSCI ACWI IMI
2021	7.67	18.22
2020	75.07	16.25
2019	32.70	26.35
2018	-8.69	-10.08
2017	31.99	23.95

## INDEX PERFORMANCE – NET RETURNS (%) (APR 29, 2022)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 2016
					3 Yr	5 Yr	10 Yr		
MSCI ACWI IMI Renewables and Energy Efficiency	-10.02	-6.78	-9.57	-17.42	20.87	16.68	na	18.76	
MSCI ACWI IMI	-7.94	-8.21	-6.21	-12.97	9.21	9.19	na	10.54	

## FUNDAMENTALS (APR 29, 2022)

Div Yld (%)	P/E	P/E Fwd	P/BV
1.49	41.53	25.31	2.92
2.05	18.24	15.41	2.58

## INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2016 – APR 29, 2022)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 30, 2016	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI ACWI IMI Renewables and Energy Efficiency	1.05	10.61	22.12	23.80	19.95	na	0.88	0.82	na	0.93	32.11	2020-02-19–2020-03-23
MSCI ACWI IMI	1.00	0.00	3.22	18.36	15.99	na	0.53	0.56	na	0.66	34.52	2020-02-12–2020-03-23

<sup>1</sup> Last 12 months <sup>2</sup> Based on monthly net returns data <sup>3</sup> Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

\* DM countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the UK and the US. EM countries include: Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Kuwait, Malaysia, Mexico, Peru, Philippines, Poland, Qatar, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI ACWI IMI Renewables and Energy Efficiency Index was launched on Feb 02, 2022. 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

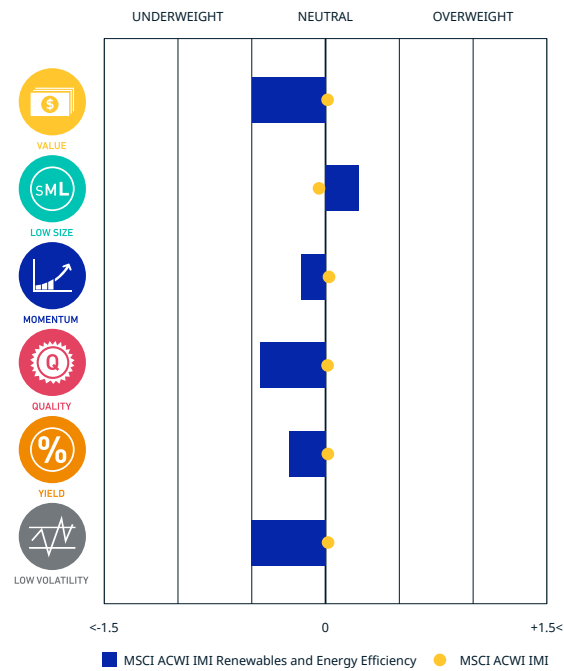
	MSCI ACWI IMI Renewables and Energy Efficiency	MSCI ACWI IMI
<b>Number of Constituents</b>	201	9,204
	<b>Weight (%)</b>	
<b>Largest</b>	6.42	3.74
<b>Smallest</b>	0.01	0.00
<b>Average</b>	0.50	0.01
<b>Median</b>	0.13	0.00

### TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
IBM CORP	US	6.42	0.17	Info Tech
INTEL CORP	US	5.61	0.26	Info Tech
TESLA	US	5.08	1.07	Cons Discr
DIGITAL REALTY TRUST	US	4.57	0.06	Real Estate
EQUINIX	US	4.17	0.09	Real Estate
VESTAS WIND SYSTEMS	DK	4.16	0.04	Industrials
SCHNEIDER ELECTRIC	FR	3.79	0.11	Industrials
NVIDIA	US	3.75	0.67	Info Tech
ENPHASE ENERGY	US	3.28	0.03	Info Tech
NIO A ADR	CN	2.78	0.03	Cons Discr
<b>Total</b>		<b>43.60</b>	<b>2.54</b>	

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

#### MSCI FACTOR BOX



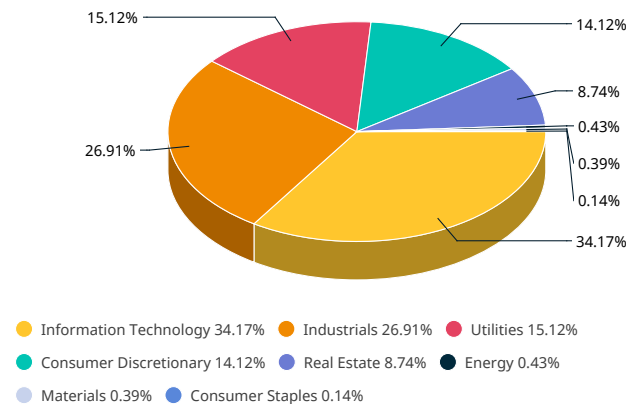
#### MSCI FaCS

- 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

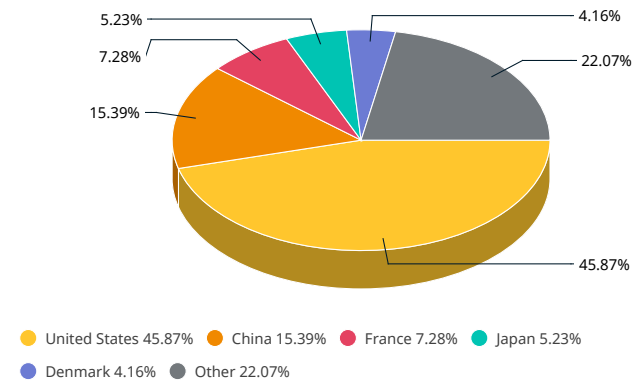
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

### SECTOR WEIGHTS



### COUNTRY WEIGHTS



## INDEX METHODOLOGY

The MSCI ACWI IMI Renewables and Energy Efficiency Index includes companies from the parent universe that provide technologies (“circular technologies”) and/or those that help enable the transition to a circular economy (“circular transition”), as defined using the following measures: Alternative Energy and Energy Efficiency. The Index also applies exclusions criteria to screen companies that are not considered aligned with the overall objective of promoting renewable energy, energy efficiency, or circularity. Additionally, the Index utilizes a combination of weighting strategies at security level, as well as applies issuer capping.

The MSCI ACWI IMI Renewables and Energy Efficiency Index is reviewed on a semi-annual basis, as of the close of the last business day of May and November, coinciding with the May and November Semi-Annual Index Reviews of the Parent Index. The Index is also reviewed on a quarterly basis to exclude existing constituents in the ESG Filtered Universe that do not meet the exclusions criteria.

## 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

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