

# MSCI Global Green Building Index (USD)

The MSCI Global Green Building Index includes developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in Green Building.

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (NOV 2008 – MAY 2021)

## ANNUAL PERFORMANCE (%)



Year	MSCI Global Green Building	MSCI World	MSCI ACWI IMI
2020	-13.56	16.50	16.81
2019	26.83	28.40	27.04
2018	-10.39	-8.20	-9.61
2017	29.19	23.07	24.58
2016	-2.65	8.15	8.96
2015	15.29	-0.32	-1.68
2014	5.10	5.50	4.36
2013	29.04	27.37	24.17
2012	34.58	16.54	17.04
2011	-6.81	-5.02	-7.43
2010	14.97	12.34	14.87

## INDEX PERFORMANCE – GROSS RETURNS (%) (MAY 31, 2021)

## FUNDAMENTALS (MAY 31, 2021)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 28, 2008	Div Yld (%)	P/E	P/E Fwd	P/BV
					3 Yr	5 Yr	10 Yr						
MSCI Global Green Building	1.87	8.24	30.28	11.77	3.67	6.35	9.00	13.57	3.39	43.99	18.16	1.02	
MSCI World	1.50	9.87	41.28	11.62	15.00	14.85	10.92	12.95	1.69	27.28	19.73	3.17	
MSCI ACWI IMI	1.54	8.80	44.34	11.55	14.12	14.69	10.15	12.96	1.68	27.71	19.04	2.82	

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2021)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 28, 2008	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Global Green Building	40.92	21.51	18.72	17.88	0.21	0.36	0.53	na	44.15	2020-02-14–2020-03-23
MSCI World	2.44	18.22	14.71	13.95	0.78	0.93	0.76	0.84	33.99	2020-02-12–2020-03-23
MSCI ACWI IMI	3.24	18.50	14.90	14.29	0.73	0.91	0.70	0.82	34.47	2020-02-12–2020-03-23

<sup>1</sup> Last 12 months

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

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

\* 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, Malaysia, Mexico, Pakistan, Peru, Philippines, Poland, Russia, Qatar, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI Global Green Building Index was launched on Jan 20, 2009. 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

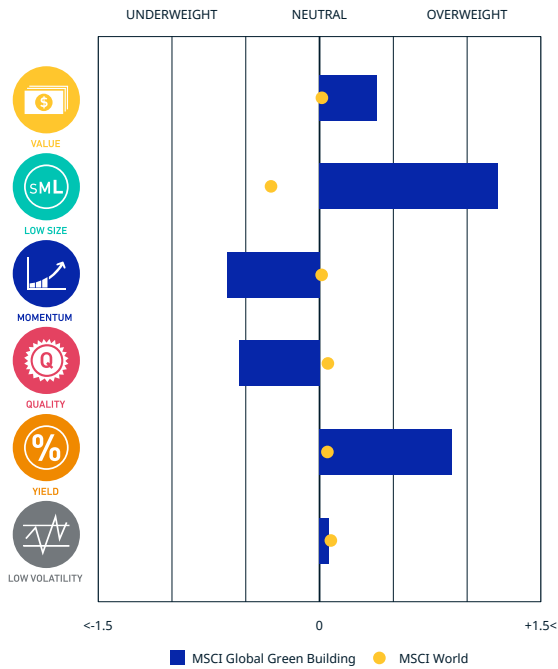
MSCI Global Green Building	
Number of Constituents	80
Mkt Cap (USD Millions)	
Index	276,056.00
Largest	20,027.18
Smallest	376.08
Average	3,450.70
Median	2,188.40

### TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
SUN HUNG KAI PROPERTIES	HK	20.03	7.25	Real Estate
BOSTON PROPERTIES	US	17.39	6.30	Real Estate
UNIBAIL-RODAMCO-WE	FR	10.85	3.93	Real Estate
NIPPON BUILDING FUND	JP	9.44	3.42	Real Estate
BERKELEY GRP HLDGS	GB	8.17	2.96	Cons Discr
VORNADO REALTY TRUST	US	7.69	2.79	Real Estate
JAPAN REAL ESTATE INV	JP	7.52	2.72	Real Estate
KILROY REALTY CORP	US	7.35	2.66	Real Estate
GECINA	FR	7.33	2.65	Real Estate
CAPITALAND INTEGRATED	SG	7.17	2.60	Real Estate
Total		102.93	37.28	

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

#### MSCI FACTOR BOX



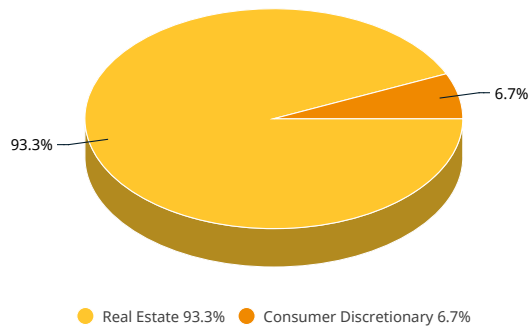
#### MSCI FaCS

- 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

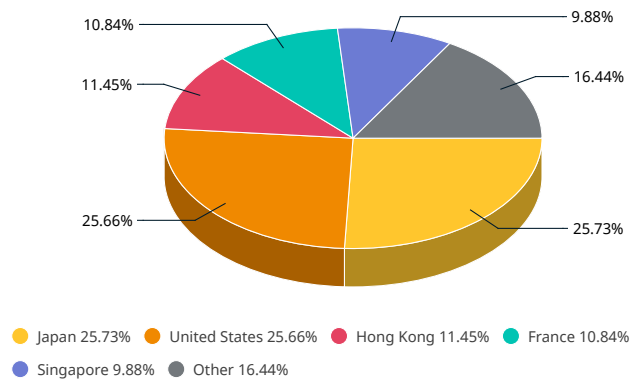
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

### SECTOR WEIGHTS



### COUNTRY WEIGHTS



## INDEX METHODOLOGY

The MSCI Global Environment Indexes are drawn from the universe of the MSCI ACWI IMI (Investable Market Index), a broad market benchmark of developed and emerging market large, mid and small cap securities. The Indexes are free float-adjusted market capitalization weighted indexes designed to maximize exposure to Clean Technology environmental themes. Securities of companies in the indexes derive at least 50% of their revenues from products and services from Alternative Energy, Sustainable Water, Green Building, Pollution Prevention and Energy Efficiency. The composition of the MSCI Global Environment Index is fully reviewed quarterly and the changes resulting from the quarterly index reviews are implemented as of the close of the last business day of February, May, August and November.

## 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).

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 by applicable law be excluded or limited.

© 2021 MSCI Inc. All rights reserved.