

# 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 – JAN 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 (%) (JAN 29, 2021)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 28, 2008
					3 Yr	5 Yr	10 Yr		
MSCI Global Green Building	-0.39	21.53	-14.68	-0.39	-1.86	5.90	9.14	12.89	
MSCI World	-0.97	16.51	16.04	-0.97	8.90	13.99	10.13	12.22	
MSCI ACWI IMI	-0.15	18.16	18.17	-0.15	8.31	14.16	9.48	12.32	

## FUNDAMENTALS (JAN 29, 2021)

Div Yld (%)	P/E	P/E Fwd	P/BV
4.24	20.37	18.82	1.03
1.80	28.03	20.30	2.90
1.77	28.99	19.74	2.61

## INDEX RISK AND RETURN CHARACTERISTICS (JAN 29, 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	26.03	21.75	18.97	17.96	-0.05	0.33	0.54	na	44.15	2020-02-14–2020-03-23
MSCI World	3.20	18.38	14.83	13.97	0.47	0.87	0.71	0.79	33.99	2020-02-12–2020-03-23
MSCI ACWI IMI	3.32	18.67	15.11	14.31	0.43	0.87	0.65	0.77	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

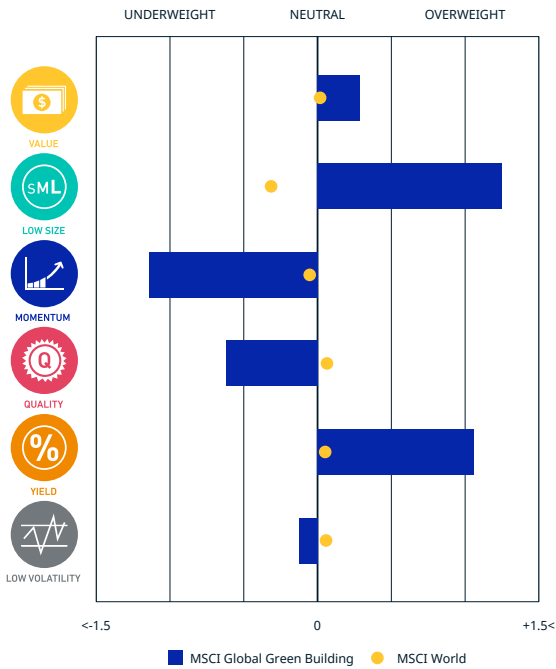
MSCI Global Green Building	
Number of Constituents	68
Mkt Cap (USD Millions)	
Index	211,498.19
Largest	13,494.46
Smallest	177.13
Average	3,110.27
Median	2,343.85

### TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
BOSTON PROPERTIES	US	13.49	6.38	Real Estate
NIPPON BUILDING FUND	JP	8.92	4.22	Real Estate
JAPAN REAL ESTATE INV	JP	8.01	3.79	Real Estate
CAPITALAND INTEGRATED	SG	7.30	3.45	Real Estate
BERKELEY GRP HLDGS	GB	7.23	3.42	Cons Discr
NIPPON PROLOGIS REIT	JP	6.84	3.23	Real Estate
GLP J REIT	JP	6.59	3.12	Real Estate
GECINA	FR	6.55	3.10	Real Estate
VORNADO REALTY TRUST	US	6.46	3.05	Real Estate
GPT GROUP	AU	6.46	3.05	Real Estate
Total		77.85	36.81	

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

#### MSCI FACTOR BOX



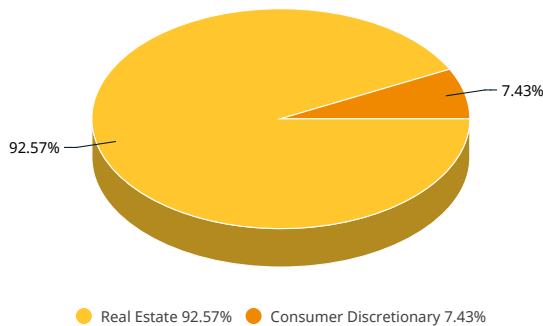
#### MSCI FaCS

- 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

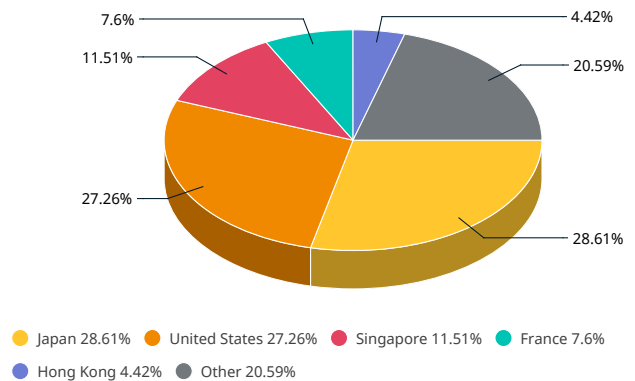
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

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