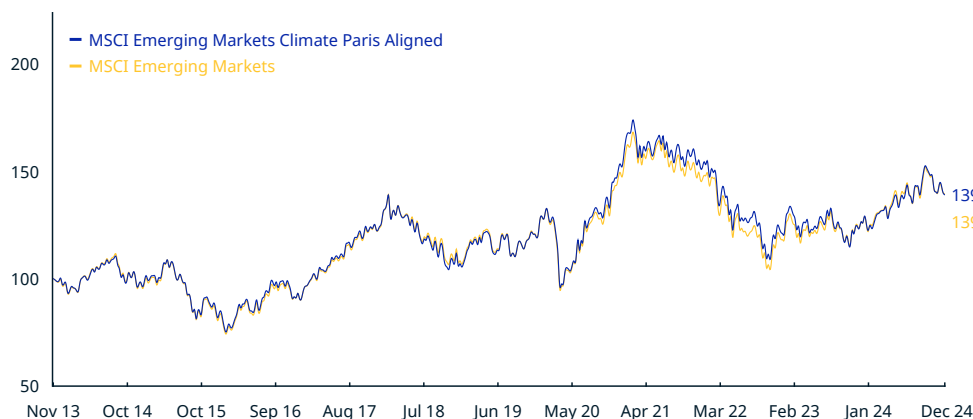


# MSCI Emerging Markets Climate Paris Aligned Index (USD)

The MSCI Emerging Markets Climate Paris Aligned Index is based on the MSCI Emerging Markets Index, its parent index, and includes large and mid-cap securities across 24 Emerging Markets (EM) countries\*. The index is designed to support investors seeking to reduce their exposure to transition and physical climate risks and who wish to pursue opportunities arising from the transition to a lower-carbon economy while aligning with the Paris Agreement requirements. The index incorporates the TCFD recommendations and are designed to exceed the minimum standards of the EU Paris-Aligned Benchmark.

For a complete description of the index methodology, please see [Index methodology - MSCI](#).

## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2013 – DEC 2024)



## ANNUAL PERFORMANCE (%)

Year	MSCI Emerging Markets Climate Paris Aligned	MSCI Emerging Markets
2024	6.91	7.50
2023	7.60	9.83
2022	-21.54	-20.09
2021	-1.97	-2.54
2020	22.38	18.31
2019	20.12	18.42
2018	-16.05	-14.57
2017	37.73	37.28
2016	9.64	11.19
2015	-14.21	-14.92
2014	-1.92	-2.19

## INDEX PERFORMANCE – NET RETURNS (%) (DEC 31, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 26, 2013	FUNDAMENTALS (DEC 31, 2024)			
					3 Yr	5 Yr	10 Yr	Div Yld (%)		P/E	P/E Fwd	P/BV	
MSCI Emerging Markets Climate Paris Aligned	-0.66	-8.93	6.91	6.91	-3.36	1.60	3.53	3.02	2.17	20.19	15.25	2.64	
MSCI Emerging Markets	-0.14	-8.01	7.50	7.50	-1.92	1.70	3.64	3.05	2.64	15.43	11.91	1.80	

## INDEX RISK AND RETURN CHARACTERISTICS (NOV 26, 2013 – DEC 31, 2024)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 26, 2013	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Emerging Markets Climate Paris Aligned	1.00	1.84	17.30	17.80	18.68	17.23	-0.33	0.05	0.18	0.15	38.26	2021-02-17–2022-10-24
MSCI Emerging Markets	1.00	0.00	5.64	17.75	18.50	17.13	-0.24	0.05	0.19	0.16	39.00	2021-02-17–2022-10-24

<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

\* 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 Emerging Markets Climate Paris Aligned Index was launched on Oct 26, 2020. 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.

**INDEX CHARACTERISTICS**

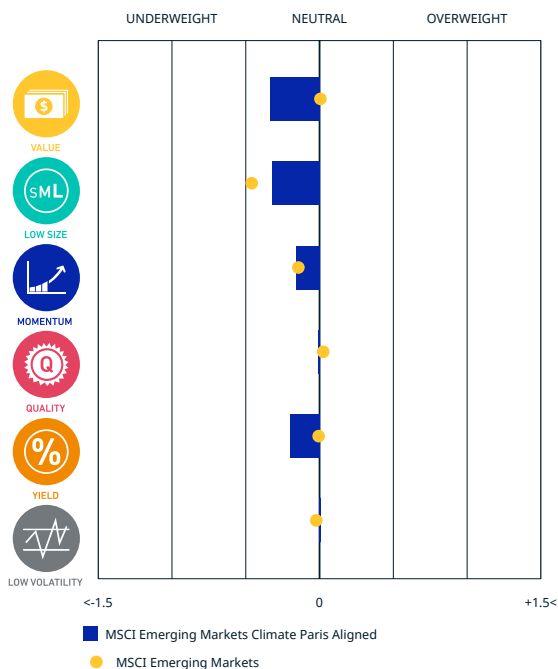
	MSCI Emerging Markets Climate Paris Aligned	MSCI Emerging Markets
<b>Number of Constituents</b>	380	1,252
<b>Weight (%)</b>		
<b>Largest</b>	12.68	10.54
<b>Smallest</b>	0.01	0.00
<b>Average</b>	0.26	0.08
<b>Median</b>	0.12	0.03

**TOP 10 CONSTITUENTS**

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
TAIWAN SEMICONDUCTOR MFG	TW	12.68	10.54	Info Tech
TENCENT HOLDINGS LI (CN)	CN	5.24	4.55	Comm Srvc
INFOSYS	IN	2.07	0.95	Info Tech
ALIBABA GRP HLDG (HK)	CN	1.85	2.25	Cons Discr
BHARAT ELECTRONICS	IN	1.69	0.16	Industrials
MEITUAN B	CN	1.39	1.26	Cons Discr
MEDIATEK INC	TW	1.39	0.86	Info Tech
AL RAJHI BANKING & INV	SA	1.36	0.64	Financials
GRUPO AEROP PACIFICO B	MX	1.31	0.09	Industrials
BYD CO H	CN	1.27	0.47	Cons Discr
<b>Total</b>		<b>30.24</b>	<b>21.77</b>	

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

**MSCI FACTOR BOX**



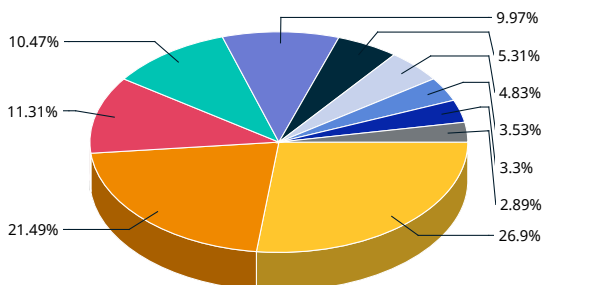
**MSCI FaCS**

- 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.

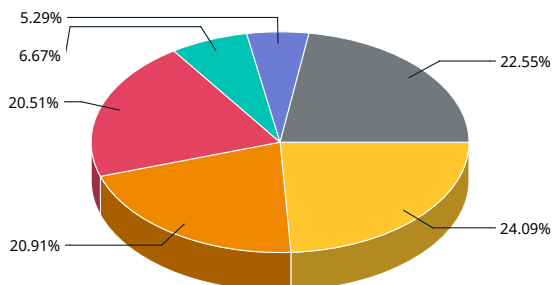
Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

**SECTOR WEIGHTS**



- Information Technology 26.9%
- Financials 21.49%
- Industrials 11.31%
- Consumer Discretionary 10.47%
- Communication Services 9.97%
- Consumer Staples 5.31%
- Health Care 4.83%
- Utilities 3.53%
- Real Estate 3.3%
- Materials 2.89%

**COUNTRY WEIGHTS**



- China 24.09%
- Taiwan 20.91%
- India 20.51%
- South Korea 6.67%
- Saudi Arabia 5.29%
- Other 22.55%

**MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology [here](#))**

MSCI FaCS is a standard method 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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