

MSCI Emerging Markets EU CTB Overlay Index (USD)

The MSCI Emerging Markets EU CTB Overlay 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 meet the minimum standards of the EU Climate Transition Benchmark (CTB). The index aims to: reduce the weighted average greenhouse gas intensity by 30%, reduce the weighted average greenhouse gas (GHG) intensity by 7% on an annualized basis, achieve a modest tracking error compared to the Parent Index and low turnover. The index excludes companies involved in Controversial Weapons businesses, Very Severe ESG Controversies, Severe Environmental Controversies and Tobacco Manufacturing**.

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

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



ANNUAL PERFORMANCE (%)

Year	MSCI Emerging Markets EU CTB Overlay	MSCI Emerging Markets
2023	9.42	9.83
2022	-19.82	-20.09
2021	-2.98	-2.54
2020	18.03	18.31
2019	19.46	18.42
2018	-14.84	-14.57
2017	37.41	37.28
2016	11.02	11.19
2015	-14.56	-14.92
2014	-1.87	-2.19

INDEX PERFORMANCE – NET RETURNS (%) (MAR 29, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Div Yld (%)	P/E	P/E Fwd	P/BV
					3 Yr	5 Yr	10 Yr	Since Nov 26, 2013				
MSCI Emerging Markets EU CTB Overlay	2.55	2.48	7.72	2.48	-5.14	2.21	3.02	2.89	2.70	15.88	12.37	1.75
MSCI Emerging Markets	2.48	2.37	8.15	2.37	-5.05	2.22	2.95	2.79	2.83	15.61	12.13	1.71

FUNDAMENTALS (MAR 29, 2024)

INDEX RISK AND RETURN CHARACTERISTICS (NOV 26, 2013 – MAR 29, 2024)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			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 EU CTB Overlay	1.00	0.53	11.36	17.50	18.87	17.11	-0.37	0.10	0.17	0.16	38.73	2021-02-17–2022-10-24
MSCI Emerging Markets	1.00	0.00	6.15	17.76	19.05	17.18	-0.35	0.10	0.17	0.16	39.00	2021-02-17–2022-10-24

¹ Last 12 months ² Based on monthly net returns data ³ 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.

**Exclusions for Tobacco Manufacturers will be applied in MSCI EU CTB Overlay Indexes starting from 2023.

The MSCI Emerging Markets EU CTB Overlay Index was launched on Jun 24, 2021. 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

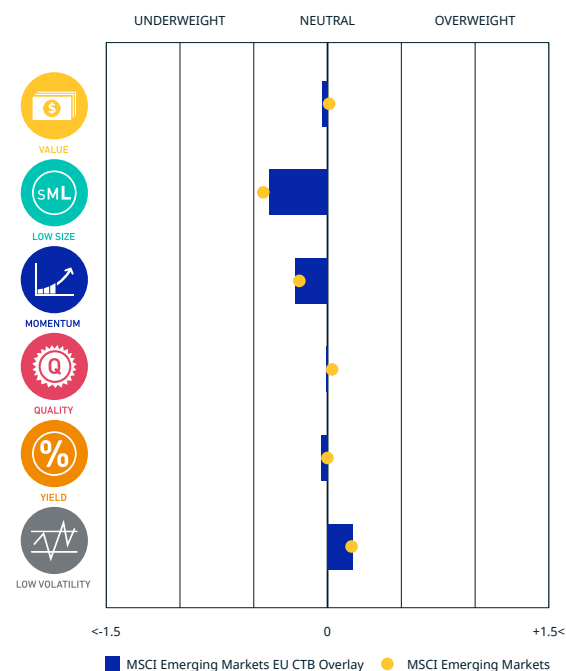
	MSCI Emerging Markets EU CTB Overlay	MSCI Emerging Markets
Number of Constituents	1,042	1,376
	Weight (%)	
Largest	8.48	8.33
Smallest	0.00	0.00
Average	0.10	0.07
Median	0.04	0.03

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
TAIWAN SEMICONDUCTOR MFG	TW	8.48	8.33	Info Tech
SAMSUNG ELECTRONICS CO	KR	4.12	4.06	Info Tech
TENCENT HOLDINGS LI (CN)	CN	3.61	3.57	Comm Svcs
ALIBABA GRP HLDG (HK)	CN	2.07	2.03	Cons Discr
RELIANCE INDUSTRIES	IN	1.58	1.51	Energy
SK HYNIX	KR	1.07	1.03	Info Tech
ICICI BANK	IN	0.99	0.95	Financials
PDD HOLDINGS A ADR	CN	0.98	0.97	Cons Discr
MEITUAN B	CN	0.87	0.87	Cons Discr
CHINA CONSTRUCTION BK H	CN	0.84	0.81	Financials
Total		24.60	24.11	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



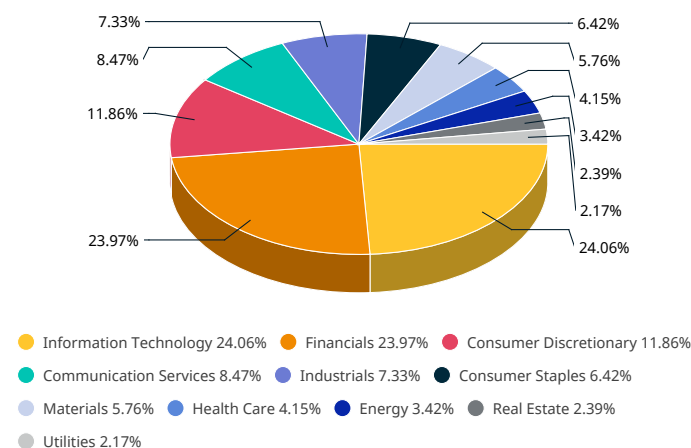
MSCI FaCS

- 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

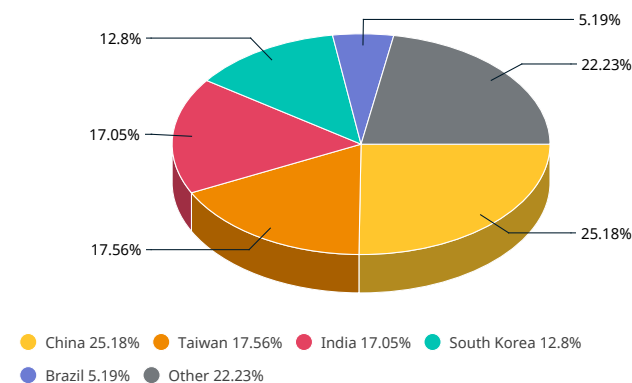
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS



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

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