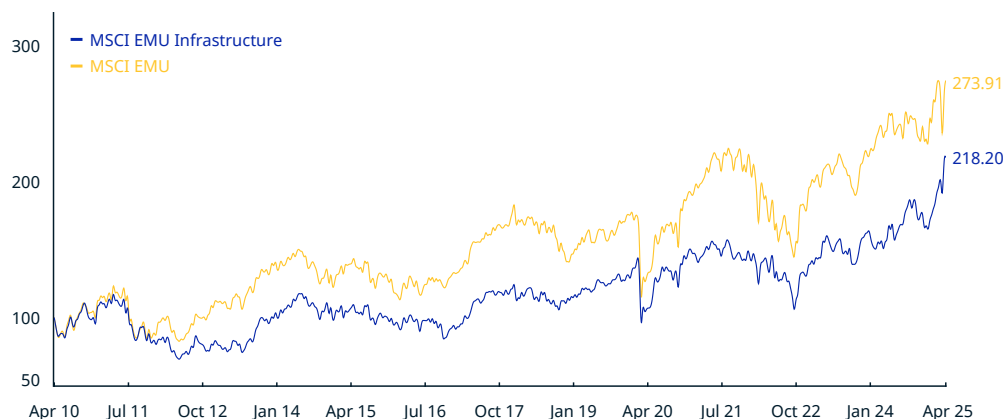


# MSCI EMU Infrastructure Index (USD)

The MSCI EMU Infrastructure Index captures the global opportunity set of companies that are owners or operators of infrastructure assets. Constituents are selected from the equity universe of MSCI Europe, the parent index, which covers mid and large cap securities across the 10 Developed Markets (DM) countries\* in the European Economic and Monetary Union (EMU). All index constituents are categorized in one of thirteen sub-industries according to the Global Industry Classification Standard (GICS®), which MSCI then aggregates and groups into five infrastructure sectors: Telecommunications, Utilities, Energy, Transportation and Social.

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

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (APR 2010 – APR 2025)



## ANNUAL PERFORMANCE (%)

Year	MSCI EMU Infrastructure	MSCI EMU
2024	3.69	3.43
2023	22.83	23.85
2022	-11.64	-17.21
2021	1.32	14.27
2020	12.62	8.50
2019	15.52	24.23
2018	-4.45	-16.23
2017	27.41	28.99
2016	-6.85	2.19
2015	-4.83	-0.76
2014	3.87	-7.73
2013	25.88	30.03
2012	-3.73	22.49
2011	-17.82	-16.86

## INDEX PERFORMANCE – GROSS RETURNS (%) (APR 30, 2025)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 31, 1998
					3 Yr	5 Yr	10 Yr		
MSCI EMU Infrastructure	9.04	23.36	41.08	30.17	16.17	14.46	7.33	4.62	
MSCI EMU	5.52	9.99	16.77	18.47	14.92	14.85	6.93	5.14	

## FUNDAMENTALS (APR 30, 2025)

Div Yld (%)	P/E	P/E Fwd	P/BV
4.24	14.35	14.66	2.12
3.04	15.56	13.64	1.86

## INDEX RISK AND RETURN CHARACTERISTICS (DEC 31, 1998 – APR 30, 2025)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Dec 31, 1998	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI EMU Infrastructure	0.87	11.04	4.63	19.73	19.03	17.98	0.64	0.67	0.38	0.22	72.80	2000-03-03—2002-09-24
MSCI EMU	1.00	0.00	2.35	19.78	20.09	18.65	0.59	0.66	0.35	0.24	64.29	2007-10-31—2009-03-09

<sup>1</sup> Last 12 months <sup>2</sup> Based on monthly gross 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: Austria, Belgium, Finland, France, Germany, Ireland, Italy, the Netherlands, Portugal and Spain.

The MSCI EMU Infrastructure Index was launched on Jan 16, 2012. 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

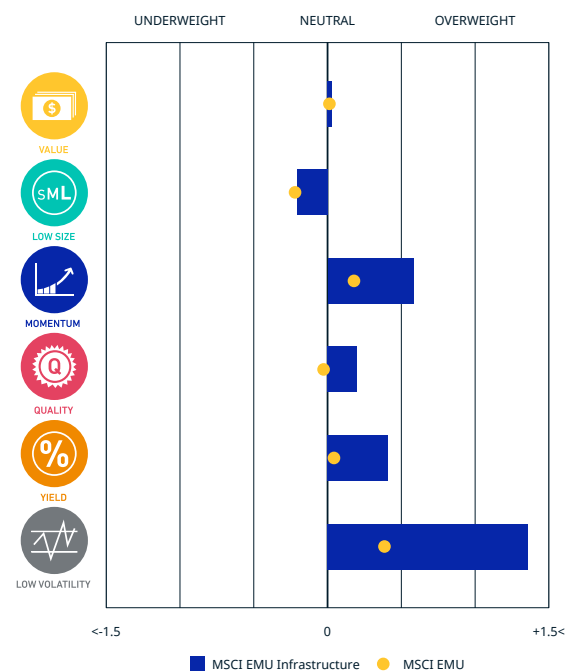
	MSCI EMU Infrastructure	MSCI EMU
<b>Number of Constituents</b>	24	216
	<b>Weight (%)</b>	
<b>Largest</b>	20.62	4.88
<b>Smallest</b>	0.59	0.04
<b>Average</b>	4.17	0.46
<b>Median</b>	2.17	0.23

## TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
DEUTSCHE TELEKOM	DE	20.62	2.02	Comm Svcs
IBERDROLA	ES	17.31	1.69	Utilities
ENEL	IT	11.62	1.14	Utilities
E.ON	DE	6.47	0.63	Utilities
ENGIE	FR	6.21	0.61	Utilities
ORANGE	FR	4.45	0.44	Comm Svcs
VEOLIA ENVIRONNEMENT	FR	4.23	0.41	Utilities
CELLNEX TELECOM	ES	3.53	0.35	Comm Svcs
TELEFONICA	ES	3.35	0.33	Comm Svcs
AENA	ES	3.10	0.30	Industrials
<b>Total</b>		<b>80.91</b>	<b>7.92</b>	

## FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

## MSCI FACTOR BOX



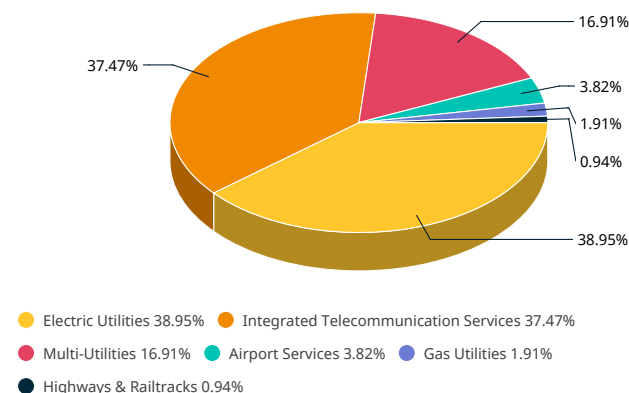
## MSCI FaCS

- 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

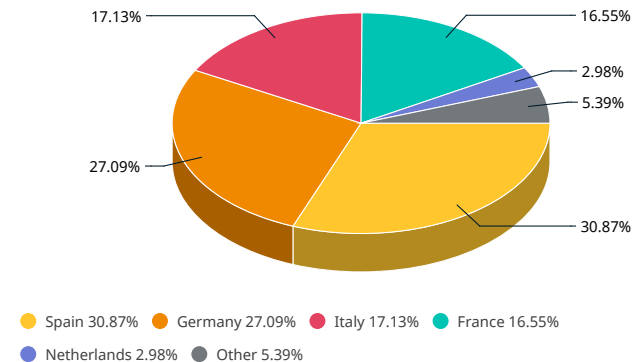
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

## SUB-INDUSTRY 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

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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