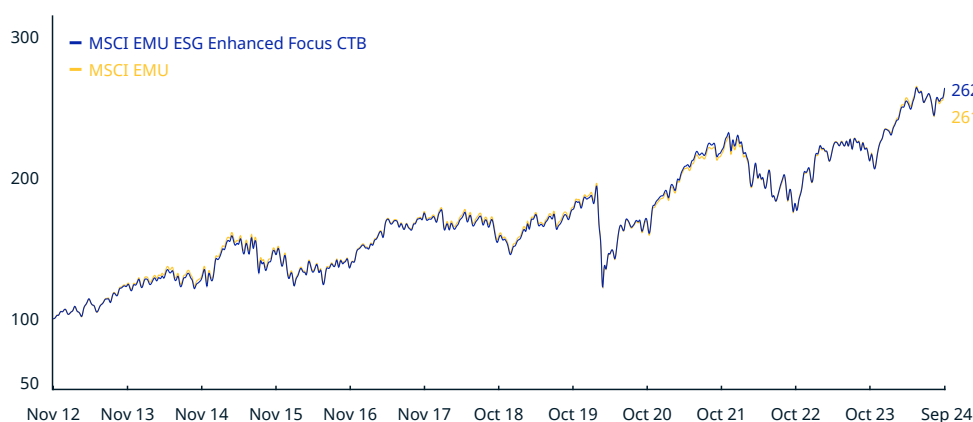


# MSCI EMU ESG Enhanced Focus CTB Index (EUR)

The MSCI EMU ESG Enhanced Focus CTB Index is based on the MSCI EMU Index, its parent index, and includes large and mid-cap securities across 10 Developed Markets (DM) in the EMU. The index is designed to maximize exposure to positive environmental, social and governance (ESG) factors while reducing the carbon equivalent exposure to carbon dioxide (CO<sub>2</sub>) and other greenhouse gases (GHG) as well as their exposure to potential emissions risk of fossil fuel reserves by thirty percent (30%). The Index also aims to maintain risk and return characteristics similar to its underlying market capitalization weighted index (the MSCI EMU Index). Additionally, the index aims to exceed the minimum technical requirements laid out for EU Climate Transition Benchmarks in the EU Delegated Acts.

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

## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (EUR) (NOV 2012 – SEP 2024)



## ANNUAL PERFORMANCE (%)

Year	MSCI EMU ESG Enhanced Focus CTB	MSCI EMU
2023	18.28	18.78
2022	-13.32	-12.47
2021	22.39	22.16
2020	0.90	-1.02
2019	25.59	25.47
2018	-13.01	-12.71
2017	12.22	12.49
2016	5.16	4.37
2015	10.14	9.81
2014	3.65	4.32
2013	22.63	23.36

## INDEX PERFORMANCE – NET RETURNS (%) (SEP 30, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 2012
					3 Yr	5 Yr	10 Yr	Since Nov 30, 2012	
MSCI EMU ESG Enhanced Focus CTB	1.25	3.65	21.50	12.64	6.91	8.43	7.33	8.51	
MSCI EMU	1.02	3.07	20.31	11.65	7.04	8.08	7.06	8.44	

## FUNDAMENTALS (SEP 30, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.13	15.27	13.35	1.88
3.14	14.95	12.92	1.85

## INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2012 – SEP 30, 2024)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 30, 2012	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI EMU ESG Enhanced Focus CTB	1.00	0.82	24.20	15.87	17.94	16.07	0.38	0.49	0.50	0.59	37.15	2020-02-19–2020-03-18
MSCI EMU	1.00	0.00	3.08	15.61	17.95	16.05	0.39	0.47	0.49	0.59	38.07	2020-02-19–2020-03-18

<sup>1</sup> Last 12 months

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

<sup>3</sup> Based on EMMI EURIBOR 1M from Sep 1 2021 & on ICE LIBOR 1M prior that date

# MSCI EMU ESG Enhanced Focus CTB Index (EUR)

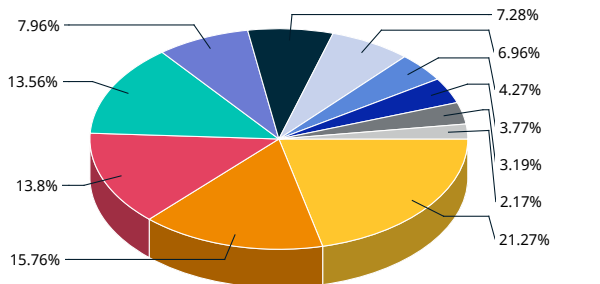
## INDEX CHARACTERISTICS

	MSCI EMU ESG Enhanced Focus CTB	MSCI EMU
<b>Number of Constituents</b>	205	221
	Weight (%)	
<b>Largest</b>	5.77	5.65
<b>Smallest</b>	0.04	0.04
<b>Average</b>	0.49	0.45
<b>Median</b>	0.27	0.20

## TOP 10 CONSTITUENTS

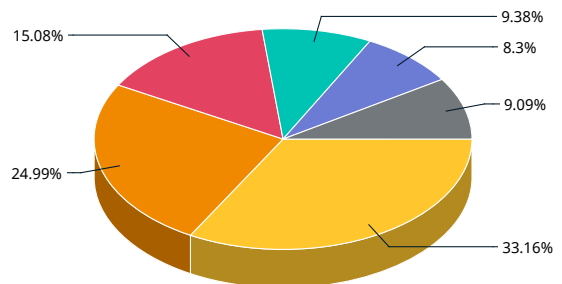
	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
ASML HLDG	NL	5.77	5.65	Info Tech
SAP	DE	4.21	4.05	Info Tech
LVMH MOET HENNESSY	FR	3.56	3.59	Cons Discr
SCHNEIDER ELECTRIC	FR	3.08	2.45	Industrials
SIEMENS	DE	2.56	2.61	Industrials
ALLIANZ	DE	2.42	2.19	Financials
SANOFI	FR	2.28	2.22	Health Care
TOTALENERGIES	FR	2.12	2.39	Energy
IBERDROLA	ES	2.09	1.61	Utilities
L'OREAL	FR	1.78	1.84	Cons Staples
<b>Total</b>		<b>29.88</b>	<b>28.61</b>	

## SECTOR WEIGHTS



- Financials 21.27%
- Industrials 15.76%
- Consumer Discretionary 13.8%
- Information Technology 13.56%
- Consumer Staples 7.96%
- Health Care 7.28%
- Utilities 6.96%
- Materials 4.27%
- Communication Services 3.77%
- Energy 3.19%
- Real Estate 2.17%

## COUNTRY WEIGHTS



- France 33.16%
- Germany 24.99%
- Netherlands 15.08%
- Spain 9.38%
- Italy 8.3%
- Other 9.09%

\*DM countries in the EMU include: Austria, Belgium, Finland, France, Germany, Ireland, Italy, the Netherlands, Portugal and Spain.

The MSCI EMU ESG Enhanced Focus CTB Index was launched on Jan 15, 2019. 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.

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