

MSCI Global Pollution Prevention Index (USD)

The **MSCI Global Pollution Prevention 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 Pollution Prevention.

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

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (APR 2009 – APR 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Global Pollution Prevention	MSCI World	MSCI ACWI IMI
2023	-16.51	24.42	22.18
2022	-10.86	-17.73	-18.00
2021	1.33	22.35	18.71
2020	19.65	16.50	16.81
2019	23.55	28.40	27.04
2018	-21.83	-8.20	-9.61
2017	51.64	23.07	24.58
2016	14.63	8.15	8.96
2015	-6.05	-0.32	-1.68
2014	-2.12	5.50	4.36
2013	42.74	27.37	24.17
2012	15.93	16.54	17.04
2011	-3.58	-5.02	-7.43
2010	37.10	12.34	14.87

INDEX PERFORMANCE – GROSS RETURNS (%) (APR 30, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 28, 2008	FUNDAMENTALS (APR 30, 2024)			
					3 Yr	5 Yr	10 Yr			Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI Global Pollution Prevention	-3.40	-2.19	-24.08	-13.71	-19.76	-2.79	1.58	9.34		2.42	12.80	12.33	1.32
MSCI World	-3.67	3.74	18.96	5.01	6.14	11.00	9.45	11.56		1.88	21.24	17.91	3.26
MSCI ACWI IMI	-3.35	3.96	17.37	4.22	4.11	9.62	8.53	11.15		2.00	20.71	16.94	2.76

INDEX RISK AND RETURN CHARACTERISTICS (APR 30, 2024)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}				Since Nov 28, 2008	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			(%)	Period YYYY-MM-DD
MSCI Global Pollution Prevention	3.70	28.79	30.52	24.93	-0.71	-0.01	0.13	na		55.32	2021-08-13–2024-02-28
MSCI World	2.29	17.08	18.16	14.98	0.27	0.55	0.58	0.71		33.99	2020-02-12–2020-03-23
MSCI ACWI IMI	2.51	16.73	18.13	15.01	0.16	0.48	0.52	0.68		34.47	2020-02-12–2020-03-23

¹ Last 12 months

² Based on monthly gross returns data

³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

* 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 Pollution Prevention Index was launched on Jan 20, 2009. 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

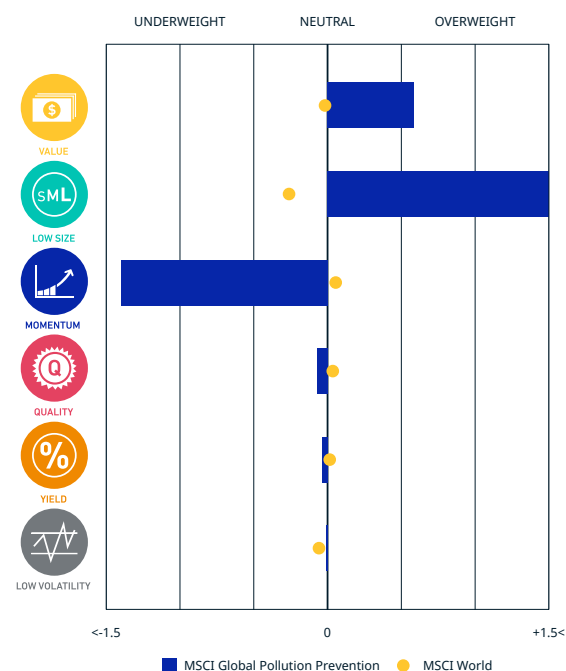
MSCI Global Pollution Prevention	
Number of Constituents	8
Mkt Cap (USD Millions)	
Index	18,027.68
Largest	6,759.38
Smallest	244.33
Average	2,253.46
Median	871.94

TOP 8 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
DARLING INGREDIENTS	US	6.76	37.49	Cons Staples
UMICORE	BE	4.67	25.91	Materials
JOHNSON MATTHEY	GB	4.03	22.38	Materials
SIMS	AU	1.29	7.13	Materials
RADIUS RECYCLING A	US	0.46	2.54	Materials
ZHEJIANG WEIMIN A (HK-C)	CN	0.31	1.72	Industrials
SECHE ENVIRONNEMENT	FR	0.26	1.47	Industrials
SUNNY FRIEND ENV TECH	TW	0.24	1.36	Industrials
Total		18.03	100.00	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



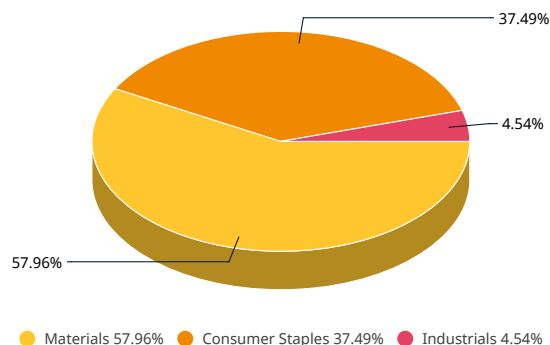
MSCI FaCS

- 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

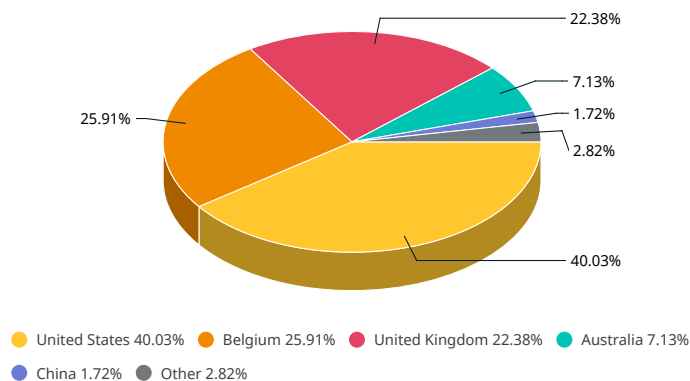
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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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