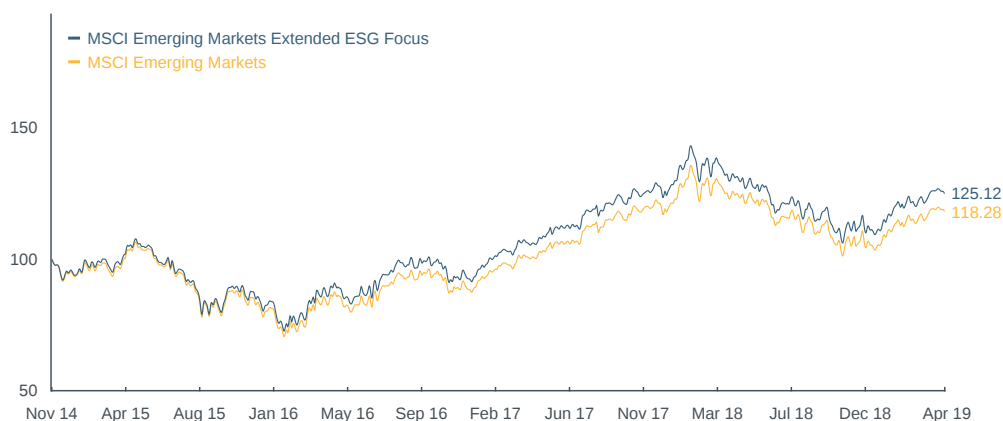


# MSCI EMERGING MARKETS EXTENDED ESG FOCUS INDEX (USD)

The MSCI Emerging Markets Extended ESG Focus Index is based on MSCI Emerging Markets Index, its parent index, which includes securities across Emerging Markets (EM) countries\*. The Index is designed to maximize exposure to positive environmental, social and governance (ESG) factors while exhibiting risk and return characteristics similar to those of the MSCI Emerging Markets Index. The index is constructed by selecting constituents from MSCI Emerging Markets Index through an optimization process that aims to maximize exposure to ESG factors for a target tracking error budget set to 50bps under certain constraints. The index is sector-diversified and targets companies with high ESG ratings in each sector. Tobacco and Controversial Weapons companies and Producers of or ties with Civilian Firearms are not eligible for inclusion.

## CUMULATIVE INDEX PERFORMANCE - NET RETURNS (USD) (NOV 2014 – APR 2019)



## ANNUAL PERFORMANCE (%)

Year	MSCI Emerging Markets Extended ESG Focus	MSCI Emerging Markets
2018	-14.64	-14.57
2017	38.57	37.28
2016	12.96	11.19
2015	-12.81	-14.92

## INDEX PERFORMANCE — NET RETURNS (%) (APR 30, 2019)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 25, 2014
					3 Yr	5 Yr	10 Yr		
MSCI Emerging Markets Extended ESG Focus	2.19	3.01	-4.33	12.37	12.02	na	na	5.19	
MSCI Emerging Markets	2.11	3.19	-5.04	12.23	11.25	na	na	3.86	

## FUNDAMENTALS (APR 30, 2019)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.71	13.63	12.44	1.70
2.66	13.57	12.23	1.66

## INDEX RISK AND RETURN CHARACTERISTICS (NOV 25, 2014 – APR 30, 2019)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 25, 2014	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI Emerging Markets Extended ESG Focus	1.01	1.18	29.92	13.27	na	na	0.82	na	na	0.34	25.51	2018-01-26—2018-10-29
MSCI Emerging Markets	1.00	0.00	6.94	13.03	na	na	0.77	na	na	0.26	34.19	2015-04-28—2016-01-21

<sup>1</sup> Last 12 months      <sup>2</sup> Based on monthly net returns data      <sup>3</sup> Based on ICE LIBOR 1M

\* EM countries include: Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Malaysia, Mexico, Pakistan, Peru, Philippines, Poland, Qatar, Russia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI Emerging Markets Extended ESG Focus Index was launched on Mar 27, 2018. Data prior to the launch date is back-tested data (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.

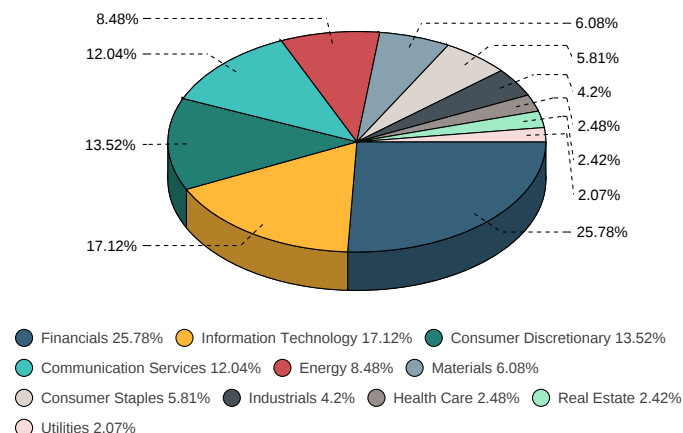
## INDEX CHARACTERISTICS

	MSCI Emerging Markets Extended ESG Focus	MSCI Emerging Markets
Number of Constituents	307	1,138
	Weight (%)	
Largest	5.64	5.22
Smallest	0.06	0.00
Average	0.33	0.09
Median	0.20	0.04

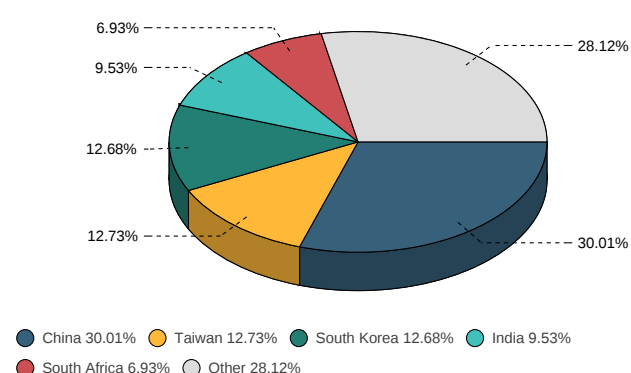
## TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
TENCENT HOLDINGS LI (CN)	CN	5.64	5.22	Comm Svcs
TAIWAN SEMICONDUCTOR MFG	TW	4.72	3.81	Info Tech
ALIBABA GROUP HLDG ADR	CN	4.38	4.44	Cons Discr
SAMSUNG ELECTRONICS CO	KR	3.50	3.46	Info Tech
NASPERS N	ZA	2.09	2.07	Cons Discr
CHINA CONSTRUCTION BK H	CN	1.61	1.57	Financials
CHUNGHWA TELECOM CO	TW	1.24	0.25	Comm Svcs
PING AN INSURANCE H	CN	1.24	1.16	Financials
INFOSYS	IN	1.17	0.70	Info Tech
E.SUN FINANCIAL HOLDINGS	TW	1.07	0.15	Financials
<b>Total</b>		<b>26.66</b>	<b>22.82</b>	

## SECTOR WEIGHTS



## COUNTRY WEIGHTS



## INDEX METHODOLOGY

MSCI ESG Focus Index is constructed by selecting constituents from its underlying parent index through an optimization process that aims to maximize exposure to ESG factors for a target tracking error budget under certain constraints. In order that market cap coverage of the index is higher than would otherwise be the case, the predicted tracking error bound is set to 50bps and the minimum constituent weight is set to 5bps. Tobacco and Controversial Weapons companies and Producers of or ties with Civilian Firearms are excluded from the index. Securities of companies involved in very severe business controversies are not eligible for inclusion. Other exclusions include where companies do not have the controversy score or IVA rating or ESG score. Constituents are selected to maximize exposure to higher ESG IVA scores, subject to maintaining risk and return characteristics similar to the parent index. ESG IVA scores are normalized and factored into the optimization process.

Further, the optimized portfolio is determined and the index is constructed using the most recent release of the Barra Open Optimizer in combination with the relevant Barra Equity Model. The Index is rebalanced on a quarterly basis coinciding with the regular Index Reviews of the MSCI Global Investable Market Indexes. Changes are effective at the beginning of March, June, September and December.

## ABOUT MSCI

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