

Factsheet | 31 October 2018

## Vanguard FTSE Emerging Markets UCITS ETF

An exchange-traded fund

Key ETF facts						
	SEDOL	Exchange ticker	Reuters	Bloomberg	Bloomberg iNav	Valoren
<b>London Stock Exchange</b>						
GBP	B7NLLK5	VFEM	VFEM.L	VFEM LN	IVFEMGBP	—
USD	B7NLJF6	VDEM	VDEM.L	VDEM LN	IVDEMUSD	—
<b>SIX Swiss Exchange</b>						
CHF	B9F6LG8	VFEM	VFEM.S	VFEM SW	IVFEMCHF	18575472
<b>NYSE Euronext</b>						
EUR	B99L084	VFEM	VFEM.AS	VFEM NA	IVFEM	—
<b>Deutsche Börse</b>						
EUR	BVGC5H9	VFEM	VFEM.DE	VFEM GY	IVFEM	—
<b>Benchmark</b>						
FTSE Emerging Index	Index ticker TAWALENU		Inception date 22 May 2012		Tax reporting UK reporting	
<b>Domicile</b>						
Ireland	Investment structure UCITS		Legal entity Vanguard Funds plc		Dividends Distributed	
<b>SRRI**</b>						
6	Ongoing Charges Figure*** AMC/OCF 0.25%					
<b>Base currency</b>						
USD	ISIN IE00B3VVM84		Investment method Physical		Dividend schedule Quarterly	
<b>Investment manager</b>						
Vanguard Global Advisers, LLC. Europe Equity Index Team		Total assets USD (million) 1,377		Countries registered Austria, Belgium, Denmark, Finland, France, Germany, Italy, Luxembourg, Netherlands, Norway, Spain, Sweden, Switzerland and United Kingdom		

### Investment approach

- The Fund seeks to track the performance of the index, a market-capitalisation-weighted index of large- and mid-cap companies in multiple emerging markets in Europe, Asia, Africa, Latin America and the Middle East.
- The Fund employs a passive management or indexing investment approach, through physical acquisition of securities, designed to track the performance index.
- The Fund will invest in a portfolio of equity securities that, so far as possible and practicable, consists of the component securities of the index.

### About the benchmark

- The index is a free-float-adjusted market-capitalisation index that is designed to measure equity market performance of large- and mid-cap companies in emerging markets.

### Performance summary as at 31 October 2018\*

USD—Vanguard FTSE Emerging Markets UCITS ETF

	Net of expenses	Benchmark
October 2013 – 2014	3.22%	3.35%
October 2014 – 2015	-15.31	-15.22
October 2015 – 2016	11.04	11.25
October 2016 – 2017	21.13	21.39
October 2017 – 2018	-11.07	-10.91

### Performance\*

USD—Vanguard FTSE Emerging Markets UCITS ETF  
Benchmark—FTSE Emerging Index

	Net of expenses	Gross of expenses	Benchmark
1 month	-7.49%	-7.47%	-7.49%
3 months	-11.24	-11.18	-11.18
Year to date	-14.73	-14.56	-14.59
1 year	-11.07	-10.85	-10.91
3 years	6.15	6.42	6.36
5 years	0.90	1.16	1.06
Since inception	3.07	3.39	3.19

\*Figures for periods less than one year are cumulative returns. All other figures represent annual returns. Performance figures include the reinvestment of all dividends and any capital gains distributions. The performance data does not take account of the commissions and costs incurred in the issue and redemption of shares. Basis of fund performance NAV to NAV with gross income invested. Basis of index performance is total return.

**Past performance is not a reliable indicator of future results.**

Source: Vanguard Global Advisers, LLC as at 31 October 2018

\*\* Synthetic Risk and Reward Indicator

\*\*\* The Ongoing Charges Figure (OCF) covers administration, audit, depository, legal, registration and regulatory expenses incurred in respect of the Funds. When you invest with any fund manager, you pay a number of charges, starting with the Annual Management Charge (AMC) which covers the fund manager's costs of managing the fund. The AMC plus ongoing running costs and other operational expenses make up the fund's total 'ongoing charges figure'.

**For Dutch Investors only. The fund(s) referred to in this document are listed in the AFM register as defined in section 1:107 Dutch Financial Supervision Act (Wet op het financieel toezicht).**

**This document is for professional investors only (as defined under the MiFID II Directive) investing for their own account (including management companies (fund of funds) and professional clients investing on behalf of their discretionary clients). Not to be distributed to the public.**

# Vanguard FTSE Emerging Markets UCITS ETF

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### Characteristics

	Fund	Benchmark
Number of stocks	1,039	1,017
Median market cap	\$21.2B	\$21.2B
Price/earnings ratio	12.1x	12.2x
Price/book ratio	1.7x	1.7x
Return on equity	17.1%	17.1%
Earnings growth rate	13.4%	13.5%
Non-US holdings	97.1%	—
Cash investments	0.0%	—
Turnover rate	19%	—
Equity yield (dividend)	2.9%	2.9%

The PTR (Portfolio Turnover Rate) approach considers the total security purchases and sales, the total subscriptions and redemptions and the average net assets of the fund to calculate the turnover figure. Data as at 30 September 2018.

### Weighted exposure

	Fund	Benchmark
Basic Materials	7.6%	7.6%
Consumer Goods	7.5	7.5
Consumer Services	11.8	11.8
Financials	29.5	29.5
Health Care	2.6	2.6
Industrials	8.1	8.1
Oil & Gas	9.6	9.6
Technology	15.5	15.5
Telecommunications	4.9	4.9
Utilities	2.9	2.9
Total	100.0%	100.0%

Sector categories are based on the Industry Classification Benchmark system ("ICB"), except for the "Other" category (if applicable), which includes securities that have not been provided an ICB classification as of the effective reporting period.

### Top 10 holdings

	Fund
Tencent Holdings Ltd.	4.7%
Taiwan Semiconductor Manufacturing Co. Ltd.	4.4
Alibaba Group Holding Ltd.	3.7
Naspers Ltd.	1.8
China Construction Bank Corp.	1.7
Petroleo Brasileiro SA	1.3
Vale SA	1.3
Industrial & Commercial Bank of China Ltd.	1.3
Baidu Inc.	1.3
China Mobile Ltd.	1.2
Total	22.7%

### Market allocation

	Fund	Benchmark
China	32.6%	32.6%
Taiwan	13.5	13.5
India	11.1	11.1
Brazil	9.7	9.7
South Africa	7.2	7.3
Russia	4.5	4.5
Thailand	3.8	3.8
Mexico	3.6	3.6
Malaysia	3.4	3.4
Indonesia	2.3	2.3
Total	91.7%	91.8%

Source: Vanguard Global Advisers, LLC

### Key investment risks

The value of equities and equity-related securities can be affected by daily stock market movements. Other influential factors include political, economic news, company earnings and significant corporate events. Movements in currency exchange rates can adversely affect the return of your investment. Emerging markets are generally more sensitive to economic and political conditions than developed markets. Other factors include greater 'Liquidity Risk', restrictions on investment or transfer of assets and failed/delayed delivery of securities or payments to the Fund.

Counterparty risk. The insolvency of any institutions providing services such as safekeeping of assets or acting as counterparty to derivatives or other instruments, may expose the Fund to financial loss.

Liquidity risk. Lower liquidity means there are insufficient buyers or sellers to allow the Fund to sell or buy investments readily.

Index tracking risk. The Fund is not expected to track the performance of the Index at all times with perfect accuracy. The Fund is, however, expected to provide investment results that, before expenses, generally correspond to the price and yield performance of the Index.

**Please also read the risk factors section in the prospectus and the Key Investor Information Document, both of which are available on the Vanguard Website.**

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### Investment Risk Information

The value of investments, and the income from them, may fall or rise and investors may get back less than they invested.

Some funds invest in emerging markets which can be more volatile than more established markets. As a result the value of your investment may rise or fall.

Investments in smaller companies may be more volatile than investments in well-established blue chip companies.

ETF shares can be bought or sold only through a broker. Investing in ETFs entails stockbroker commission and a bid-offer spread which should be considered fully before investing.

The fund(s) may invest in financial derivative instruments that could increase or reduce exposure to underlying assets and result in greater fluctuations of the fund's Net Asset Value. Some derivatives give rise to increased potential for loss where the fund's counterparty defaults in meeting its payment obligations.

Some funds invest in securities which are denominated in different currencies. Movements in currency exchange rates can affect the return of investments.

### Glossary for ETF attributes

The ETF attributes section on the first page contains a number of metrics that professional investors use to value individual securities against a market or index average. These metrics can also be used to value and compare funds to the market by taking the average of all the securities held in the fund and comparing them to those of the fund's benchmark index. We've provided a definition of the terms used for your convenience.

**Earnings growth rate** is a measure of growth in a company's net income (what remains after subtracting all the costs from a company's revenues) over a specific period (often one year). Earnings growth can apply to previous periods or estimated data for future periods.

**Equity yield (dividend)** is the dividend income earned by stocks, expressed as a percentage of the aggregate market value (or of net asset value, for a fund). Quoted historic yield is determined by dividing the gross distributions declared over the last 12 months by the average of the bid and ask unit prices, as at the date shown. The dividend yield stated on the factsheet applies to the underlying holdings of the ETF, and not the ETF itself.

**Market capitalisation** is the aggregate value of a company or stock and is calculated by multiplying the number of shares which are available to retail investors by the current price per share.

**Median market cap (capitalisation)** looks at all companies in a mutual fund portfolio and calculates the mid point market capitalisation. Market capitalisation represents the aggregate value of a company's stock.

**Mid market share price** is the price of a share between its offer and bid price.

**Price book ratio** compares a stock's market value to its book value (the accounting value of a stock). It is calculated by dividing the current closing price of the stock by the latest quarter's book value per share.

**Price earnings ratio (P/E ratio)** of a stock is the price paid for a share divided by the annual profit earned by the firm per share. A stock with a price of £10 a share, and earnings last year of £1 a share, would have a P/E ratio of 10.

**Return on equity** is a measure of a company's profitability that reveals how much profit a company generates with the money shareholders have invested.

For more information contact your local sales team or:

Web: <http://global.vanguard.com>

Client Services (Europe): Tel. +44 (0)203 753 4305

E-Mail: [european\\_client\\_services@vanguard.co.uk](mailto:european_client_services@vanguard.co.uk)

Non advised personal investor: [Personal\\_investor\\_enquiries@vanguard.co.uk](mailto:Personal_investor_enquiries@vanguard.co.uk)

### Important information

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Vanguard Funds plc have been authorised by the Central Bank of Ireland as a UCITS. Prospective investors are also urged to consult their own professional advisers on the implications of making an investment in, and holding or disposing shares of the Funds and the receipt of distributions with respect to such shares under the law of the countries in which they are liable to taxation.

The Manager of Vanguard Funds plc is Vanguard Group (Ireland) Limited. Vanguard Asset Management Limited is the distributor of Vanguard Funds plc.

For further information on the fund's investment policy, please refer to the Key Investor Information Document ("KIID").

The KIID and the Prospectus for this fund is available in local languages from Vanguard via our website <https://global.vanguard.com/>.

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