

This is a marketing communication.

Factsheet | 31 January 2023

Vanguard FTSE Emerging Markets UCITS ETF

(USD) Distributing - An exchange-traded fund

Inception date: 22 May 2012

Total assets (million) \$2,544 | Share class assets (million) \$2,210 as at 31 January 2023

Key ETF facts	Exchange ticker	SEDOL	Reuters	Bloomberg	Bloomberg iNav	Valoren
London Stock Exchange						
GBP	VFEM	B7NLLK5	VFEM.L	VFEM LN	IVFEMGBP	—
USD	VDEM	B7NLJF6	VDEM.L	VDEM LN	IVDEMUSD	—
SIX Swiss Exchange						
CHF	VFEM	B9F6LG8	VFEM.S	VFEM SW	IVFEMCHF	18575472
NYSE Euronext						
EUR	VFEM	B99L084	VFEM.AS	VFEM NA	IVFEM	—
Deutsche Börse						
EUR	VFEM	BVGCSH9	VFEM.DE	VFEM GY	IVFEM	—
Borsa Italiana S.p.A.						
EUR	VFEM	BGSF291	VFEM.MI	VFEM IM	IVFEM	—

Base currency	Tax reporting	SRI†	Index ticker	Investment structure	Domicile
USD	UK Reporting	4	TAWALENU	UCITS	Ireland

Legal entity	Investment method	ISIN	Dividends	Dividend schedule	Investment manager
Vanguard Funds plc	Physical	IE00B3VVM84	Distributed	Quarterly	Vanguard Global Advisers, LLC Europe Equity Index Team

Ongoing Charges Figure† 0.22%

†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'.

Objectives and investment policy

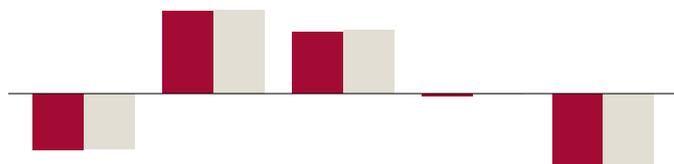
- The Fund employs a passive management – or indexing – investment approach, through physical acquisition of securities, and seeks to track the performance of the FTSE Emerging Index (the "Index").
- The Index is comprised of large and mid-sized company stocks in emerging markets.
- The Fund attempts to: 1. Track the performance of the Index by investing in a representative sample of Index constituent securities. 2. Remain fully invested except in extraordinary market, political or similar conditions.

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Performance summary**

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



	01 Jan 2018 31 Dec 2018	01 Jan 2019 31 Dec 2019	01 Jan 2020 31 Dec 2020	01 Jan 2021 31 Dec 2021	01 Jan 2022 31 Dec 2022
Fund (Net of expenses)	-13.50%	19.66%	14.66%	-0.66%	-17.50%
Benchmark	-13.34%	20.10%	15.12%	-0.24%	-17.27%

Performance**	1 month	Quarter	Year to date	1 year	3 years	5 years	10 years	Since inception
Fund (Net of expenses)	7.01%	21.04%	7.01%	-11.38%	1.76%	-0.89%	2.19%	3.76%
Benchmark	6.99%	20.98%	6.99%	-11.13%	2.13%	-0.57%	2.44%	3.97%

**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 is NAV to NAV with gross income invested. Basis of index performance is total return.

Performance and Data is calculated on closing NAV as at 31 January 2023.

Past performance is not a reliable indicator of future results.

Source: Vanguard; FTSE Emerging Index

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. 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. Movements in currency exchange rates can adversely affect the return of your investment.

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

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.

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 Information Document, both of which are available on the Vanguard website.

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Data as at 31 January 2023 unless otherwise stated.

Characteristics

	Fund	Benchmark
Number of stocks	1,981	1,977
Median market cap	\$25.3B	\$25.3B
Price/earnings ratio	11.4x	11.5x
Price/book ratio	2.1x	2.1x
Return on equity	15.4%	15.3%
Earnings growth rate	14.1%	14.0%
Turnover rate	1%	—
Equity yield (dividend)	3.4%	3.4%

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 31 December 2022.

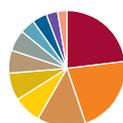
Top 10 holdings

Taiwan Semiconductor Manufacturing Co. Ltd.	6.4%
Tencent Holdings Ltd.	4.5
Alibaba Group Holding Ltd.	3.2
Meituan	1.6
Reliance Industries Ltd.	1.5
Vale SA	1.1
JD.com Inc.	1.1
Infosys Ltd.	1.0
China Construction Bank Corp.	0.9
Housing Development Finance Corp. Ltd.	0.9

Top 10 approximately equals 22.2% of net assets

Data as at 31 January 2023

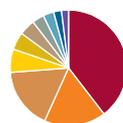
Weighted exposure



Technology	23.0%	Energy	5.9%
Financials	21.8	Telecommunications	4.2
Consumer Discretionary	13.5	Health Care	4.0
Basic Materials	7.7	Utilities	3.2
Industrials	7.6	Real Estate	2.6
Consumer Staples	6.5		

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.

Market allocation



China	36.6%	South Africa	4.1%
Taiwan	15.9	Mexico	3.0
India	15.7	Thailand	2.8
Brazil	6.1	Indonesia	2.0
Saudi Arabia	4.5	Malaysia	1.8

Source: Vanguard

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.

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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 Funds may use derivatives in order to reduce risk or cost and/or generate extra income or growth. The use of derivatives could increase or reduce exposure to underlying assets and result in greater fluctuations of the Fund's net asset value. A derivative is a financial contract whose value is based on the value of a financial asset (such as a share, bond, or currency) or a market index.

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

For further information on risks please see the "Risk Factors" section of the prospectus on our website at <https://global.vanguard.com>.

Important information

This is a marketing communication.

For further information on the fund's investment policies and risks, please refer to the prospectus of the UCITS and to the KID before making any final investment decisions. The KID for this fund is available in local languages, alongside the prospectus via Vanguard's website <https://global.vanguard.com/>.

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The Indicative Net Asset Value ("iNAV") for Vanguard's ETFs is published on Bloomberg or Reuters. Refer to the Portfolio Holdings Policy at <https://fund-docs.vanguard.com/portfolio-holdings-disclosure-policy.pdf>.

The Manager of the Ireland-domiciled funds may determine to terminate any arrangements made for marketing the shares in one or more jurisdictions in accordance with the UCITS Directive, as may be amended from time to time.

For investors in Ireland-domiciled funds, a summary of investor rights can be obtained via <https://www.ie.vanguard.com/content/dam/intl/europe/documents/en/vanguard-investors-rights-summary-irish-funds-jan22.pdf> and is available in English, German, French, Spanish, Dutch and Italian.

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