Factsheet | January 31, 2020

Vanguard FTSE Developed All Cap ex U.S. Index ETF (CAD-hedged)

Trading information

| Ticker symbol | VEF |
|-----------------------|---|
| CUSIP | 92207G102 |
| SEDOL | BYZVZ66 |
| ISIN | CA92207G1028 |
| Index ticker | GPVAN069 |
| Exchange | Toronto Stock Exchange |
| Currency | CAD |
| | |
| ETF facts | |
| Benchmark | FTSE Developed All Cap ex US Hedged to CAD Index |
| Distribution schedule | Quarterly |
| ETF total net assets | \$447 million |
| Inception date | November 30, 2011 |
| Eligibility | RRSP, RRIF, RESP, TFSA, DPSP, RDSP, Non-reg |
| Management fee* | 0.20% |
| MER† | 0.22% |
| | |

Objective

The fund seeks to track, to the extent reasonably possible and before fees and expenses, the performance of a broad global equity index that focuses on providing coverage of developed markets, excluding the U.S., which index is hedged to the Canadian dollar. Currently, this Vanguard ETF seeks to track the FTSE Developed All Cap ex US Hedged to CAD Index (or any successor thereto). It invests directly or indirectly primarily in large-, mid-, and small-capitalization stocks of companies located in developed markets, excluding the U.S., and uses derivative instruments to seek to hedge the foreign currency exposure of the securities included in the FTSE Developed All Cap ex US Index to the Canadian dollar.

About the benchmark

- The FTSE Developed All Cap ex U.S. Index is a market-capitalization-weighted index representing the
 performance of large-, mid-, and small-cap companies in developed markets, excluding the United
 States with the foreign currency exposure of the FTSE Developed All Cap ex US Index hedged to the
 Canadian dollar.
- The index is composed of approximately 3,700 securities from 24 countries.
- As of June 1, 2016 the fund began tracking the FTSE Developed All Cap ex US Hedged to CAD Index.

Performance summary

VEF year-end NAV calendar returns as of December 31, 2019.

| | Net of expenses |
|------|--------------------|
| 2015 | 4.69% |
| 2016 | 6.20% |
| 2017 | 16.84% |
| 2018 | -11.54% |
| 2019 | 22.35% |

Performance history

Total returns for period ending January 31, 2020

| | 3 months | Year to date | 1 year | 3 years | 5 years | Since inception |
|----------------------------------|----------|--------------|--------|---------|---------|-----------------|
| VEF Market price return | 2.21% | -1.78% | 13.11% | 7.14% | 6.02% | 9.43% |
| VEF Net asset value (NAV) return | 2.08% | -1.87% | 13.25% | 7.16% | 6.01% | 9.43% |
| Benchmark return | 3.09% | -1.14% | 14.84% | 8.28% | 6.81% | 10.66% |
| | | | | | | |

Performance of the benchmark reflects performance of the MSCI EAFE 100% Hedged to CAD Index through May 28, 2013; FTSE Developed ex North America Hedged CAD Index through December 20, 2015; FTSE Developed All Cap ex US Hedged CAD Transition Index through June 1, 2016; FTSE Developed All Cap ex US Hedged to CAD Index thereafter.

The performance of an index is not an exact representation of any particular investment as you cannot invest directly in an index. The performance of the index does not reflect the deduction of any expenses which would have reduced total returns. Performance information of the Vanguard fund reflects waivers of certain expenses and/or fees. If the Vanguard fund had incurred all expenses, investment returns would have been reduced. The indicated rates of return are the historical annual compounded total returns including changes in unit value and reinvestment of all dividends or distributions and do not take into account sales, redemption, distribution or optional charges or income taxes payable by any unitholder that would have reduced returns. The performance of the index and Vanguard fund is for illustrative purposes only.

Commissions, management fees, and expenses all may be associated with investment funds. Investment objectives, risks, fees, expenses, and other important information are contained in the prospectus; please read it before investing. Investment funds are not guaranteed, their values change frequently, and past performance may not be repeated. Vanguard funds are managed by Vanguard Investments Canada Inc. and are available across Canada through registered dealers.



VFF

^{*} The management fee is equal to the fee paid by the Vanguard fund to Vanguard Investments Canada Inc., and does not include applicable taxes or other fees and expenses of the Vanguard fund. This Vanguard fund invests in underlying Vanguard fund(s) and there shall be no duplication of management fees chargeable in connection with the Vanguard fund and its investment in the Vanguard fund(s).

Vanguard FTSE Developed All Cap ex U.S. Index ETF (CAD-hedged)

Information displayed is for the U.S.-domiciled Vanguard FTSE Developed Markets ETF in which the fund primarily invests.

ETF characteristics

| | VEF | Benchmark |
|-------------------------|---------|-----------|
| Number of stocks | 3,966 | 3,867 |
| Median market cap | \$40.3B | \$40.4B |
| Price/earnings ratio | 15.9x | 15.9x |
| Price/book ratio | 1.5x | 1.6x |
| Return on equity | 11.8% | 11.9% |
| Earnings growth rate | 9.2% | 9.2% |
| Turnover rate | 13% | — |
| Equity yield (dividend) | 3.1% | 3.1% |

Top 10 holdings (% of net asset value)

| | VEF |
|------------------------------|-------|
| Nestle SA | 1.7% |
| Samsung Electronics Co. Ltd. | 1.3 |
| Roche Holding AG | 1.3 |
| Royal Dutch Shell plc | 1.1 |
| Novartis AG | 1.0 |
| Toyota Motor Corp. | 0.9 |
| Unilever | 0.8 |
| HSBC Holdings plc | 0.8 |
| AstraZeneca plc | 0.7 |
| SAP SE | 0.7 |
| Total | 10.3% |

Sector weighting

| | VEF | Benchmark |
|--------------------|--------|-----------|
| Financials | 23.0% | 23.0% |
| Industrials | 16.6 | 16.6 |
| Consumer Goods | 15.7 | 15.8 |
| Health Care | 10.8 | 10.8 |
| Consumer Services | 8.1 | 8.1 |
| Technology | 7.0 | 6.8 |
| Basic Materials | 6.6 | 6.7 |
| Oil & Gas | 5.5 | 5.5 |
| Utilities | 3.6 | 3.6 |
| Telecommunications | 3.1 | 3.1 |
| Total | 100.0% | 100.0% |

The sector allocations provided exclude any temporary cash investments. 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

| | VEF | Benchmark |
|----------------|-------|-----------|
| Japan | 21.8% | 22.1% |
| United Kingdom | 14.5 | 14.5 |
| Canada | 8.9 | 8.9 |
| France | 8.3 | 8.6 |
| Switzerland | 7.7 | 7.7 |
| Germany | 7.2 | 7.2 |
| Australia | 6.3 | 6.3 |
| Korea | 4.0 | 4.0 |
| Netherlands | 3.2 | 3.1 |
| Hong Kong | 3.0 | 3.0 |
| Total | 84.9% | 85.4% |

| Volatility | | | Tracking |
|------------|-----------|------|----------|
| | R-Squared | Beta | error |
| VEF | 98.00% | 1.01 | 1.39% |

R-squared, beta and tracking error are calculated from the 36-month fund returns relative to the benchmark.

For more information contact:

Email (Canada): info-canada@vanguard.com

Tel (Canada): 888-293-6728

While this information has been compiled from sources believed to be reliable, Vanguard Investments Canada Inc. does not guarantee the accuracy, completeness, timeliness or reliability of this information or any results from its use. Figures are provided on a delayed and unaudited basis as at the date of this fact sheet, may change at any time and should not be construed as investment advice. This material is for informational purposes only. This material is not intended to be relied upon as research, investment, or tax advice and is not an implied or express recommendation, offer or solicitation to buy or sell any security or to adopt any particular investment or portfolio strategy. Please consult your financial and/or tax advisor for financial and/or tax information applicable to your specific situation.

All investments are subject to risk, including the possible loss of principal.

CGS identifiers have been provided by CUSIP Global Services, managed on behalf of the American Bankers Association by Standard & Poor's Financial Services, LLC, and are not for use or dissemination in a manner that would serve as a substitute for any CUSIP service. The CUSIP Database, © 2019 American Bankers Association. "CUSIP" is a registered trademark of the American Bankers Association.

SEDOL Data has been provided from the London Stock Exchange's SEDOL Masterfile. SEDOL® and SEDOL Masterfile® are registered trademarks of the London Stock Exchange Group PLC.

London Stock Exchange Group companies include FTSE International Limited ("FTSE"), Frank Russell Company ("Russell"), MTS Next Limited ("MTS"), and FTSE TMX Global Debt Capital Markets Inc. ("FTSE TMX"). All rights reserved. "FTSE®", "Russell®", "MTS®", "FTSE TMX®" and "FTSE Russell" and other service marks and trademarks related to the FTSE or Russell indexes are trademarks of the London Stock Exchange Group companies and are used by FTSE, MTS, FTSE TMX and Russell under licence. All information is provided for information purposes only. No responsibility or liability can be accepted by the London Stock Exchange Group companies nor its licensors for any errors or for any loss from use of this publication. Neither the London Stock Exchange Group companies nor any of its licensors make any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the results to be obtained from the use of the FTSE Indexes or the fitness or suitability to any person for any particular purpose to which they might be put. The Industry Classification Benchmark ("ICB") is owned by FTSE. FTSE does not accept any liability to any person for any loss or damage arising out of any error or omission in the ICB.