

MARKET VECTORS ETF TRUST
Form 497K
March 21, 2016

MARKET VECTORS RARE EARTH/STRATEGIC METALS ETF

Ticker: REMX®
Principal U.S. Listing Exchange: NYSE Arca, Inc.
SUMMARY PROSPECTUS
MAY 1, 2015, as revised on MARCH 18, 2016

REMXSUM

Before you invest, you may want to review the Fund's prospectus, which contains more information about the Fund and its risks. You can find the Fund's prospectus and other information about the Fund online at <http://www.vaneck.com/library/etfs/>. You can also get this information at no cost by calling 800.826.2333, or by sending an email request to info@vaneck.com. The Fund's prospectus and statement of additional information, both dated May 1, 2015, as supplemented, are incorporated by reference into this summary prospectus.

INVESTMENT OBJECTIVE

Market Vectors Rare Earth/Strategic Metals ETF (the Fund) seeks to replicate as closely as possible, before fees and expenses, the price and yield performance of the Market Vectors® Global Rare Earth/Strategic Metals Index (the Rare Earth/Strategic Metals Index).

FUND FEES AND EXPENSES

The following tables describe the fees and expenses that you may pay if you buy and hold shares of the Fund (Shares).

Shareholder Fees (*fees paid directly from your investment*) None

Annual Fund Operating Expenses

(*expenses that you pay each year as a percentage of the value of your investment*)

| | |
|---|--------|
| Management Fee | 0.50% |
| Other Expenses | 0.22% |
| Total Annual Fund Operating Expenses ^(a) | 0.72% |
| Fee Waivers and Expense Reimbursement ^(a) | -0.14% |
| Total Annual Fund Operating Expenses After Fee Waiver and Expense | 0.58% |

Reimbursement^(a)

^(a) Van Eck Associates Corporation (the Adviser) has agreed to waive fees and/or pay Fund expenses to the extent necessary to prevent the operating expenses of the Fund (excluding acquired fund fees and expenses, interest expense, offering costs, trading expenses, taxes and extraordinary expenses) from exceeding 0.57% of the Fund's average daily net assets per year until at least May 1, 2016. During such time, the expense limitation is expected to continue until the Fund's Board of Trustees acts to discontinue all or a portion of such expense limitation.

EXPENSE EXAMPLE

This example is intended to help you compare the cost of investing in the Fund with the cost of investing in other funds. This example does not take into account brokerage commissions that you pay when purchasing or selling Shares of the Fund.

The example assumes that you invest \$10,000 in the Fund for the time periods indicated and then redeem all of your Shares at the end of those periods. The example also assumes that your investment has a 5% annual return and that the Fund's operating expenses remain the same. Although your actual costs may be higher or lower, based on these assumptions, your costs would be:

| YEAR | EXPENSES |
|-------------|-----------------|
| 1 | \$ 59 |
| 3 | \$ 216 |
| 5 | \$ 387 |
| 10 | \$ 881 |

PORTFOLIO TURNOVER

The Fund will pay transaction costs, such as commissions, when it purchases and sells securities (or turns over its portfolio). A higher portfolio turnover will cause the Fund to incur additional transaction costs and may result in higher taxes when Fund Shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, may affect the Fund's performance. During the most recent fiscal year, the Fund's portfolio turnover rate was 37% of the average value of its portfolio.

PRINCIPAL INVESTMENT STRATEGIES

The Fund normally invests at least 80% of its total assets in securities that comprise the Fund's benchmark index. The Rare Earth/Strategic Metals Index is comprised of companies primarily engaged in a variety of activities that are related to the producing, refining and recycling of rare earth and strategic metals and minerals. Such companies may include micro-, small- and medium-capitalization companies and foreign and emerging market issuers. The Rare Earth/Strategic Metals Index includes companies that generate at least 50% of their revenues from (or, in certain circumstances, at least 50% of their assets related to) rare earth/strategic metals or have mining projects with the potential to generate at least 50% of their revenues from rare earth/strategic metals when developed. Rare earth/strategic metals are industrial metals that are typically mined as by-products or secondary metals in operations focused on precious metals and base metals. Compared to base metals, they have more specialized uses and are often more difficult to extract. Currently, approximately 43 elements in the periodic table are considered rare earth/strategic metals. Rare earth metals (or rare earth elements), a subset of strategic metals, are a collection of chemical elements that are crucial to many of the world's most advanced technologies, such as cellular phones, high performance batteries, flat screen televisions, green energy technology, and are expected to be critical to the future of hybrid and electric cars, high-tech military applications and superconductors and fiber-optic communication systems. The Rare Earth/Strategic Metals Index may include A-shares issued by Shanghai-listed companies trading via Shanghai-Hong Kong Stock Connect (Stock Connect). As of December 31, 2015, the Rare Earth/Strategic Metals Index included 20 securities of companies with a market capitalization range of between approximately \$45 million and \$1.9 billion and a weighted average market capitalization of \$523 million. As of December 31, 2014, approximately 24% of the Fund's investments consisted of securities of Chinese issuers. These amounts are subject to change. The Fund's 80% investment policy is non-fundamental and may be changed without shareholder approval upon 60 days' prior written notice to shareholders.

The Fund, using a passive or indexing investment approach, attempts to approximate the investment performance of the Rare Earth/Strategic Metals Index by investing in a portfolio of securities that generally replicates the Rare Earth/Strategic Metals Index.

The Fund may concentrate its investments in a particular industry or group of industries to the extent that the Rare Earth/Strategic Metals Index concentrates in an industry or group of industries. As of December 31, 2014, the Rare Earth/Strategic Metals Index was concentrated in the mining industry and the basic materials sector.

PRINCIPAL RISKS OF INVESTING IN THE FUND

Investors in the Fund should be willing to accept a high degree of volatility in the price of the Fund's Shares and the possibility of significant losses. An investment in the Fund involves a substantial degree of risk. An investment in the Fund is not a deposit with a bank and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Therefore, you should consider carefully the following risks before investing in the Fund, each of which could significantly and adversely affect the value of an investment in the Fund.

Risk of Investing in Rare Earth and Strategic Metals. Rare earth/strategic metals are industrial metals that are typically mined as by-products or secondary metals in operations focused on precious metals and base metals. Compared to base metals, they have more specialized uses and are often more difficult to extract. Currently, approximately 43 elements in the periodic table are considered rare earth/strategic metals. Rare earth metals (or rare earth elements), a subset of strategic metals, are a collection of chemical elements that are crucial to many of the world's most advanced technologies. The use of strategic metals in modern technology has increased dramatically over the past years. Consequently, the demand for strategic metals has strained the supply, which has the potential to result in a shortage of such materials which could adversely affect the companies in the Fund's portfolio. Companies involved in the various activities that are related to the producing, refining and recycling of rare earth/strategic metals tend to be small-, medium- and micro-capitalization companies with volatile share prices, are highly dependent on the price of rare earth/strategic metals which may fluctuate substantially over short periods of time. The value of such companies may be significantly affected by events relating to international, national and local political and economic developments, energy conservation, the success of exploration projects, commodity prices, tax and other government regulations, depletion of resources, and mandated expenditures for safety and pollution control devices. The producing, refining and recycling of rare earth/strategic metals can be capital intensive and, if companies involved in such activities are not managed well, the share prices of such companies could decline even as prices for the underlying rare

earth/strategic metals are rising. In addition, companies involved in the various activities that are related to the producing, refining and recycling of rare earth/strategic metals may be at risk for environmental damage claims.

Risk of Regulatory Action and Changes in Governments. The producing, refining and recycling of rare earth/strategic metals may be significantly affected by regulatory action and changes in governments. For example, China, which produces approximately 80% of the world's rare earth supplies, recently ended its export quota for rare earth metals following a World Trade Organization (WTO) ruling. Future moves by China or other countries essential to the producing, refining or recycling of rare earth/strategic metals to limit exports could have a significant adverse effect on industries around the globe and on the values of the businesses in which the Fund invests. Moreover, while it is expected that China will consume a large percentage of the rare earth/strategic metals produced within the country to support its growing economy, China has shown a willingness to flood the market for rare earth/strategic metals as it did in the late 1990s, thereby causing many operations to shut down.

Risk of Investing in the Mining Industry. To the extent that the Rare Earth/Strategic Metals Index continues to be concentrated in the mining industry, the Fund will be sensitive to changes in, and its performance may depend to a greater extent on, the overall condition of the mining industry. Competitive pressures may have a significant effect on the financial condition of such companies. Mining companies are highly dependent on the price of the underlying metal or element. These prices may fluctuate substantially over short periods of time so the Fund's Share price may be more volatile than other types of investments. In particular, a drop in the price of rare earth/strategic metals would particularly adversely affect the profitability of small- and medium-capitalization mining companies and their ability to secure financing. Furthermore, companies that are only in the exploration stage are typically unable to adopt specific strategies for controlling the impact of such price changes. In addition, many early stage miners operate at a loss and are dependent on securing equity and/or debt financing, which might be more difficult to secure for an early stage mining company than for a more established counterpart.

Risk of Investing in the Basic Materials Sector. To the extent that the Rare Earth/Strategic Metals Index continues to be concentrated in the basic materials sector, the Fund will be sensitive to changes in, and its performance will depend to a greater extent on, the overall condition of the basic materials sector. Companies engaged in the production and distribution of basic materials may be adversely affected by changes in world events, political and economic conditions, energy conservation, environmental policies, commodity price volatility, changes in exchange rates, imposition of import controls, increased competition, depletion of resources and labor relations.

Special Risk Considerations of Investing in Chinese Issuers. A significant portion of the Rare Earth/Strategic Metals Index may be comprised of securities of Chinese issuers, including issuers located outside of China that generate significant revenues from China. Investing in securities of Chinese companies involves certain risks and considerations not typically associated with investing in securities of U.S. issuers, including, among others, (i) the small size of the market for Chinese securities and the low volume of trading, resulting in lack of liquidity and in price volatility, (ii) currency devaluations and other currency exchange rate fluctuations or blockage, (iii) the nature and extent of intervention by the Chinese government in the Chinese securities markets, whether such intervention will continue and the impact of such intervention or its discontinuation, (iv) the risk of nationalization or expropriation of assets, (v) the risk that the Chinese government may decide not to continue to support economic reform programs, (vi) limitations on the use of brokers, (vii) higher rates of inflation, (viii) greater political, economic and social uncertainty, (ix) market volatility caused by any potential regional or territorial conflicts or natural disasters and (x) the risk of increased trade tariffs, embargoes and other trade limitations. In addition, the economy of China differs, often unfavorably, from the U.S. economy in such respects as structure, general development, government involvement, wealth distribution, rate of inflation, growth rate, interest rates, allocation of resources and capital reinvestment, among others. The Chinese central government has historically exercised substantial control over virtually every sector of the Chinese economy through administrative regulation and/or state ownership and actions of the Chinese central and local government authorities continue to have a substantial effect on economic conditions in China. In

addition, previously the Chinese government has from time to time taken actions that influence the prices at which certain goods may be sold, encourage companies to invest or concentrate in particular industries, induce mergers between companies in certain industries and induce private companies to publicly offer their securities to increase or continue the rate of economic growth, control the rate of inflation or otherwise regulate economic expansion. The Chinese government may take such actions in the future as well, potentially having a significant adverse effect on economic conditions in China and the economic prospects for, and the market prices and liquidity of, securities issued by Chinese issuers.

Risks of Investing through Stock Connect. The Fund may invest in A-shares listed and traded on the Shanghai Stock Exchange through Stock Connect, or on such other stock exchanges in the People's Republic of China (PRC) which participate in Stock Connect from time to time or in the future. Trading through Stock Connect is subject to a number of restrictions that may affect the Fund's investments and returns. For example, trading through Stock Connect is subject to aggregate investment quotas that limit total purchases and sales through Stock Connect as well as daily quotas that limit the maximum daily net purchases on any particular day, each of which may restrict or preclude the Fund's ability to invest in

Stock Connect A-shares. In addition, investments made through Stock Connect are subject to trading, clearance and settlement procedures that are untested in the PRC, which could pose risks to the Fund. Moreover, Stock Connect A-shares generally may not be sold, purchased or otherwise transferred other than through Stock Connect in accordance with applicable rules. A primary feature of Stock Connect is the application of the home market's laws and rules applicable to investors in A-shares. Therefore, the Fund's investments in Stock Connect A-shares are generally subject to PRC securities regulations and listing rules, among other restrictions. Finally, uncertainties in PRC tax rules governing taxation of income and gains from investments in Stock Connect A-shares could result in unexpected tax liabilities for the Fund. The withholding tax treatment of dividends and capital gains payable to overseas investors currently is unsettled.

The Stock Connect program is a pilot program in its initial stages. Further developments are likely and there can be no assurance as to the program's continued existence or whether future developments regarding the program may restrict or adversely affect the Fund's investments or returns. In addition, the application and interpretation of the laws and regulations of Hong Kong and the PRC, and the rules, policies or guidelines published or applied by relevant regulators and exchanges in respect of the Stock Connect program are uncertain, and they may have a detrimental effect on the Fund's investments and returns.

Risk of Investing in Foreign Securities. Investments in the securities of foreign issuers involve risks beyond those associated with investments in U.S. securities. These additional risks include greater market volatility, the availability of less reliable financial information, higher transactional and custody costs, taxation by foreign governments, decreased market liquidity and political instability. Because certain foreign securities markets may be limited in size, the activity of large traders may have an undue influence on the prices of securities that trade in such markets. Because the Fund may invest in securities denominated in foreign currencies and some of the income received by the Fund may be in foreign currencies, changes in currency exchange rates may negatively impact the Fund's return. The risks of investing in emerging market countries are greater than risks associated with investments in foreign developed countries.

Risk of Investing in Depositary Receipts. The Fund may invest in depositary receipts which involve similar risks to those associated with investments in foreign securities. Depositary receipts are receipts listed on U.S. or foreign exchanges issued by banks or trust companies that entitle the holder to all dividends and capital gains that are paid out on the underlying foreign shares. Investments in depositary receipts may be less liquid than the underlying shares in their primary trading market and, if not included in the Rare Earth/Strategic Metals Index, may negatively affect the Fund's ability to replicate the performance of the Rare Earth/Strategic Metals Index.

Risk of Investing in Emerging Market Issuers. Investments in securities of emerging market issuers are exposed to a number of risks that may make these investments volatile in price or difficult to trade. Political risks may include unstable governments, nationalization, restrictions on foreign ownership, laws that prevent investors from getting their money out of a country and legal systems that do not protect property rights as well as the laws of the United States. Market risks may include economies that concentrate in only a few industries, securities issues that are held by only a few investors, limited trading capacity in local exchanges and the possibility that markets or issues may be manipulated by foreign nationals who have inside information.

Risk of Investing in Small- and Medium-Capitalization Companies. Small- and medium-capitalization companies may be more volatile and more likely than large-capitalization companies to have narrower product lines, fewer financial resources, less management depth and experience and less competitive strength. In addition, these companies often have greater price volatility, lower trading volume and less liquidity than larger more established companies. Returns on investments in securities of small- and medium-capitalization companies could trail the returns on investments in securities of large-capitalization companies.

Risk of Investing in Micro-Capitalization Companies. Micro-capitalization companies are subject to substantially greater risks of loss and price fluctuations because their earnings and revenues tend to be less predictable (and some companies may be experiencing significant losses), and their share prices tend to be more volatile and their markets less liquid than companies with larger market capitalizations. The shares of micro-capitalization companies tend to trade less frequently than those of larger, more established companies, which can adversely affect the pricing of these securities and the future ability to sell these securities.

Issuer-Specific Changes Risk. The value of an individual security or particular type of security can be more volatile than the market as a whole and can perform differently from the value of the market as a whole, especially if the Fund's portfolio is concentrated in a country, group of countries, region, market, industry, group of industries, sector or asset class. The value of securities of smaller issuers can be more volatile than that of larger issuers.

Risk of Cash Transactions. Unlike other exchange-traded funds (ETFs), the Fund expects to effect its creations and redemptions partially for cash, rather than in-kind securities. As such, investments in Shares may be less tax-efficient than an investment in a conventional ETF.

Equity Securities Risk. The value of the equity securities held by the Fund may fall due to general market and economic conditions, perceptions regarding the markets in which the issuers of securities held by the Fund participate, or factors relating to specific issuers in which the Fund invests. Equity securities are subordinated to preferred securities and debt in a company's capital structure with respect to priority in right to a share of corporate income, and therefore will be subject to greater dividend risk than preferred securities or debt instruments. In addition, while broad market measures of equity securities have historically generated higher average returns than fixed income securities, equity securities have generally also experienced significantly more volatility in those returns, although under certain market conditions fixed income securities may have comparable or greater price volatility.

Market Risk. The prices of the securities in the Fund are subject to the risks associated with investing in the securities market, including general economic conditions and sudden and unpredictable drops in value. An investment in the Fund may lose money.

Index Tracking Risk. The Fund's return may not match the return of the Rare Earth/Strategic Metals Index for a number of reasons. For example, the Fund incurs a number of operating expenses not applicable to the Rare Earth/Strategic Metals Index and incurs costs associated with buying and selling securities, especially when rebalancing the Fund's securities holdings to reflect changes in the composition of the Rare Earth/Strategic Metals Index and raising cash to meet redemptions or deploying cash with newly created Creation Units (defined herein). The Fund also bears the costs and risks associated with buying and selling securities while such costs and risks are not factored into the return of the Rare Earth/Strategic Metals Index. In addition, the Fund may not be able to invest in certain securities included in the Rare Earth/Strategic Metals Index, or invest in them in the exact proportions in which they are represented in the Rare Earth/Strategic Metals Index, due to legal restrictions or limitations imposed by the governments of certain countries (including the availability of China A-shares through Stock Connect), a lack of liquidity on stock exchanges in which such securities trade, potential adverse tax consequences or other regulatory reasons. The Fund is expected to value certain of its investments based on fair value prices. To the extent the Fund calculates its net asset value (NAV) based on fair value prices and the value of the Rare Earth/Strategic Metals Index is based on securities' closing prices on local foreign markets (*i.e.*, the value of the Rare Earth/Strategic Metals Index is not based on fair value prices), the Fund's ability to track the Rare Earth/Strategic Metals Index may be adversely affected. For tax efficiency purposes, the Fund may sell certain securities to realize losses causing it to deviate from the performance of the Rare Earth/Strategic Metals Index. In light of the factors discussed above, the Fund's return may deviate significantly from the return of the Rare Earth/Strategic Metals Index.

Premium/Discount Risk. Disruptions to creations and redemptions, the existence of extreme market volatility or potential lack of an active trading market for Shares may result in Shares trading at a significant premium or discount to NAV. If a shareholder purchases Shares at a time when the market price is at a premium to the NAV or sells Shares at a time when the market price is at a discount to the NAV, the shareholder may sustain losses.

Replication Management Risk. An investment in the Fund involves risks similar to those of investing in any fund of equity securities traded on an exchange, such as market fluctuations caused by such factors as economic and political developments, changes in interest rates and perceived trends in security prices. However, because the Fund is not actively managed, unless a specific security is removed from the Rare Earth/Strategic Metals Index, the Fund generally would not sell a security because the security's issuer was in financial trouble. Therefore, the Fund's performance could be lower than funds that may actively shift their portfolio assets to take advantage of market opportunities or to lessen the impact of a market decline or a decline in the value of one or more issuers.

Non-Diversified Risk. The Fund is classified as a non-diversified investment company under the Investment Company Act of 1940, as amended (the 1940 Act). Therefore, the Fund may invest a relatively high percentage of its assets in a smaller number of issuers or may invest a larger proportion of its assets in a single issuer. As a result, the gains and losses on a single investment may have a greater impact on the Fund's NAV and may make the Fund more

volatile than more diversified funds. The Fund may be particularly vulnerable to this risk because the Rare Earth/Strategic Metals Index is comprised of securities of a very limited number of issuers.

Concentration Risk. The Fund's assets may be concentrated in a particular sector or sectors or industry or group of industries to the extent the Rare Earth/Strategic Metals Index concentrates in a particular sector or sectors or industry or group of industries. To the extent that the Rare Earth/Strategic Metals Index continues to be concentrated in the mining industry and the basic materials sector, the Fund will be subject to the risk that economic, political or other conditions that have a negative effect on that industry and sector will negatively impact the Fund to a greater extent than if the Fund's assets were invested in a wider variety of sectors or industries.

PERFORMANCE

The bar chart that follows shows how the Fund performed for the calendar years shown. The table below the bar chart shows the Fund's average annual returns (before and after taxes). The bar chart and table provide an indication of the risks of investing in the Fund by showing the Fund's performance from year to year and by showing how the Fund's average

annual returns for the one year and since inception periods compared with the Fund's benchmark index and a broad measure of market performance. All returns assume reinvestment of dividends and distributions. The Fund's past performance (before and after income taxes) is not necessarily indicative of how the Fund will perform in the future. Updated performance information is available online at www.vaneck.com.

Annual Total Returns(%) Calendar Years

Best Quarter: 14.37% 1Q 12

Worst Quarter: -39.31% 3Q 11

Average Annual Total Returns for the Periods Ended December 31, 2014

The after-tax returns presented in the table below are calculated using the highest historical individual federal marginal income tax rates and do not reflect the impact of state and local taxes. Your actual after-tax returns will depend on your specific tax situation and may differ from those shown below. After-tax returns are not relevant to investors who hold Shares of the Fund through tax-deferred arrangements, such as 401(k) plans or individual retirement accounts.

| | Past One Year | Since Inception (10/27/2010) |
|--|--------------------------|---|
| Market Vectors Rare Earth/Strategic Metals ETF (return before taxes) | -28.07% | -21.96% |
| Market Vectors Rare Earth/Strategic Metals ETF (return after taxes on distributions) | -28.35% | -22.50% |
| Market Vectors Rare Earth/Strategic Metals ETF (return after taxes on distributions and sale of Fund Shares) | -15.70% | -14.82% |
| Market Vectors® Global Rare Earth/Strategic Metals Index (reflects no deduction for fees, expenses or taxes) | -27.76% | -22.38% |
| S&P 500® Index (reflects no deduction for fees, expenses or taxes) | 13.69% | 16.66% |

PORTFOLIO MANAGEMENT

Investment Adviser. Van Eck Associates Corporation.

Portfolio Managers. The following individuals are jointly and primarily responsible for the day-to-day management of the Fund's portfolio:

| Name | Title with Adviser | Date Began Managing the Fund |
|-----------------------|---------------------------|---|
| Hao-Hung (Peter) Liao | Portfolio Manager | October 2010 |
| George Chao | Portfolio Manager | October 2010 |

PURCHASE AND SALE OF FUND SHARES

The Fund issues and redeems Shares at NAV only in a large specified number of Shares each called a Creation Unit, or multiples thereof. A Creation Unit consists of 50,000 Shares.

Individual Shares of the Fund may only be purchased and sold in secondary market transactions through brokers. Shares of the Fund are listed on NYSE Arca, Inc. (NYSE Arca) and because Shares trade at market prices rather than NAV, Shares of the Fund may trade at a price greater than or less than NAV.

TAX INFORMATION

The Fund's distributions are taxable and will generally be taxed as ordinary income or capital gains.

PAYMENTS TO BROKER-DEALERS AND OTHER FINANCIAL INTERMEDIARIES

The Adviser and its related companies may pay broker-dealers or other financial intermediaries (such as a bank) for the sale of the Fund Shares and related services. These payments may create a conflict of interest by influencing your broker-dealer or other intermediary or its employees or associated persons to recommend the Fund over another investment. Ask your financial adviser or visit your financial intermediary's website for more information.

800.826.2333
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