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# Putnam PanAgora ESG Emerging Markets Equity ETF

**Summary prospectus**

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**FUND SYMBOL** Putnam PanAgora ESG Emerging Markets Equity ETF

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PPEM

**Principal U.S. Listing Exchange:** NYSE Arca, Inc.

George Putnam Balanced Fund  
Putnam BDC Income ETF  
Putnam BioRevolution ETF  
Putnam California Tax Exempt  
Income Fund  
Putnam Convertible Securities Fund  
Putnam Core Bond Fund  
Putnam Core Equity Fund  
Putnam Diversified Income Trust  
Putnam Dynamic Asset Allocation  
Balanced Fund  
Putnam Dynamic Asset Allocation  
Conservative Fund  
Putnam Dynamic Asset Allocation  
Growth Fund  
Putnam Emerging Markets Equity Fund  
Putnam Emerging Markets ex-China ETF  
Putnam ESG Core Bond ETF  
Putnam ESG High Yield ETF  
Putnam ESG Ultra Short ETF  
Putnam Floating Rate Income Fund  
Putnam Focused Equity Fund  
Putnam Focused International  
Equity Fund  
Putnam Focused Large Cap Growth ETF  
Putnam Focused Large Cap Value ETF  
Putnam Global Health Care Fund  
Putnam Global Income Trust  
Putnam Global Technology Fund  
Putnam Government Money Market Fund  
Putnam High Yield Fund  
Putnam Income Fund  
Putnam Intermediate-Term Municipal  
Income Fund  
Putnam International Capital  
Opportunities Fund  
Putnam International Equity Fund  
Putnam International Value Fund  
Putnam Large Cap Growth Fund  
Putnam Large Cap Value Fund

Putnam Massachusetts Tax Exempt  
Income Fund  
Putnam Minnesota Tax Exempt  
Income Fund  
Putnam Money Market Fund  
Putnam Mortgage Opportunities Fund  
Putnam Mortgage Securities Fund  
Putnam Multi-Asset Income Fund  
Putnam New Jersey Tax Exempt Income  
Fund  
Putnam New York Tax Exempt Income Fund  
Putnam Ohio Tax Exempt Income Fund  
Putnam PanAgora ESG Emerging Markets  
Equity ETF  
Putnam PanAgora ESG International  
Equity ETF  
Putnam Pennsylvania Tax Exempt  
Income Fund  
Putnam Research Fund  
Putnam Short Duration Bond Fund  
Putnam Short-Term Municipal  
Income Fund  
Putnam Small Cap Growth Fund  
Putnam Small Cap Value Fund  
Putnam Strategic Intermediate  
Municipal Fund  
Putnam Sustainable Future ETF  
Putnam Sustainable Future Fund  
Putnam Sustainable Leaders ETF  
Putnam Sustainable Leaders Fund  
Putnam Tax Exempt Income Fund  
Putnam Tax-Free High Yield Fund  
Putnam Ultra Short Duration Income Fund  
Putnam VT Core Equity Fund  
Putnam VT Diversified Income Fund  
Putnam VT Emerging Markets Equity Fund  
Putnam VT Focused International  
Equity Fund  
Putnam VT George Putnam Balanced Fund  
Putnam VT Global Asset Allocation Fund  
Putnam VT Global Health Care Fund

**Putnam VT Government Money  
Market Fund**  
**Putnam VT High Yield Fund**  
**Putnam VT Income Fund**  
**Putnam VT International Equity Fund**  
**Putnam VT International Value Fund**  
**Putnam VT Large Cap Growth Fund**  
**Putnam VT Large Cap Value Fund**

**Putnam VT Mortgage Securities Fund**  
**Putnam VT Research Fund**  
**Putnam VT Small Cap Growth Fund**  
**Putnam VT Small Cap Value Fund**  
**Putnam VT Sustainable Future Fund**  
**Putnam VT Sustainable Leaders Fund**

This supplement replaces in its entirety the supplement to the Funds' summary prospectuses dated May 31, 2023.

On May 31, 2023, Franklin Resources, Inc. ("Franklin Resources") and Great-West Lifeco Inc., the parent company of Putnam U.S. Holdings I, LLC ("Putnam Holdings"), announced that they have entered into a definitive agreement for a subsidiary of Franklin Resources to acquire Putnam Holdings in a stock and cash transaction.

As part of this transaction, Putnam Investment Management, LLC ("Putnam Management"), a wholly owned subsidiary of Putnam Holdings and investment manager to the Putnam family of funds (the "Putnam Funds"), would become an indirect wholly owned subsidiary of Franklin Resources.

The transaction is subject to customary closing conditions, including receipt of applicable regulatory approvals. Subject to such approvals and the satisfaction of these conditions, the transaction is currently expected to be consummated in the fourth quarter of 2023.

Under the Investment Company Act of 1940, as amended, consummation of the transaction will result in the automatic termination of the investment management contract between each Putnam Fund and Putnam Management and any related sub-management and sub-advisory contracts, where applicable. In anticipation of this automatic termination, on June 23, 2023, the Board of Trustees of the Putnam Funds approved a new investment management contract between each Putnam Fund and Putnam Management (and new sub-management and sub-advisory contracts, if applicable), which will be presented to the shareholders of each Putnam Fund for their approval at shareholder meetings currently expected to occur in October 2023. Proxy solicitation materials related to these meetings, which will provide detailed information regarding the proposed transaction, are expected to be mailed to shareholders in the coming weeks.

*The foregoing is not a solicitation of any proxy. For more information regarding the funds, or to receive a free copy of materials filed with the Securities and Exchange Commission ("SEC"), please visit Putnam's website at [putnam.com/individual](http://putnam.com/individual). Free copies of these materials can also be found on the SEC's website at <http://www.sec.gov>. Please read the funds' proxy statement carefully when it becomes available in the coming weeks because it will contain important information. The funds, their trustees, officers, and other members of management may be deemed to be participants in any future solicitation of the funds' shareholders in connection with the forthcoming meeting of shareholders. Shareholders may obtain information regarding the names, affiliations, and interests of these individuals in the funds' proxy statement when it becomes available.*

*Shareholders should retain this Supplement for future reference.*

**Putnam PanAgora ESG Emerging Markets Equity ETF**

Summary Prospectus dated January 18, 2023

**IMPORTANT NOTICE REGARDING CHANGE IN INVESTMENT POLICY**

Putnam Investment Management, LLC (Putnam Management), the investment manager of Putnam PanAgora ESG Emerging Markets Equity ETF (the “fund”), has recommended, and the fund’s Board of Trustees has approved, changes to the fund’s investment strategies and non-fundamental investment policy. The fund’s investment strategies will remain substantially similar, except that the fund will implement certain negative environmental, social and governance (“ESG”) investment screens based on third-party data, as further described below. In addition, the fund’s existing non-fundamental investment policy (under normal circumstances) to invest at least 80% of the fund’s net assets in equity securities of companies that meet the ESG criteria of PanAgora Asset Management Inc. (“PanAgora”), the fund’s sub-adviser, will remain unchanged, except that, effective June 12, 2023, PanAgora’s ESG criteria will be revised to exclude the securities of any “Restricted Company” or “Benchmark-Constrained Company” (each as defined below).

In connection with the foregoing, effective immediately, the third paragraph of the section *Principal investment strategies* is deleted in its entirety and replaced with the following:

In addition, the fund will not invest in securities of companies that PanAgora, based on third-party data, determines at the time of investment to have a category 5 controversy rating (an assessment of a company’s involvement in incidents with negative ESG implications) or to be substantially engaged in Arctic drilling or in the thermal coal, palm oil, controversial weapons or tobacco industries (each, a “Restricted Company”). In addition, at the time of any periodic rebalancing of the fund’s portfolio, the fund will dispose of its position in any security that, at that time, PanAgora determines to be a Restricted Company. Further, the fund will not purchase securities of any company that PanAgora, based on third-party data, determines at the time of investment to have a severe ESG risk rating (which measures a company’s exposure to industry-specific material ESG risks and how well a company is managing those risks) or to be classified as non-compliant under the United Nations Global Compact principles (each, a “Benchmark-Constrained Company”) if, immediately following such purchase, the fund would have an overweight position in the Benchmark-Constrained Company relative to its benchmark. In addition, at the time of any periodic rebalancing of the fund’s portfolio, the fund will dispose of the overweight portion (relative to its benchmark) of its position in any security that, at that time, PanAgora determines to be a Benchmark-Constrained Company.

Under normal circumstances, the fund invests at least 80% of its net assets in equity securities of emerging markets companies that meet PanAgora’s ESG criteria. PanAgora will assign each company an ESG rating using proprietary ESG scores. In order to meet PanAgora’s ESG criteria, a company must have an ESG score above 0,

reflecting more positive characteristics, and, on or after June 12, 2023, must also not be a Restricted Company or a Benchmark-Constrained Company. A negative ESG score indicates a lower (or worse) rating. PanAgora assigns companies an ESG score that ranges from -2 to +2, although the range of scores may change over time. This policy is non-fundamental and may be changed only after 60 days' notice to shareholders. PanAgora may not apply ESG criteria to investments that are not subject to the fund's 80% policy, and such investments may not meet PanAgora's ESG criteria.

In addition, effective immediately, the sixth paragraph of the section *Principal investment strategies* is deleted in its entirety and replaced with the following:

PanAgora may consider, among other factors, a company's valuation, financial strength, growth potential, competitive position in its industry, projected future earnings, cash flows and dividends when deciding whether to buy or sell investments. While PanAgora may consider independent third-party data as a part of its analytical process (and currently uses third-party data in applying certain of the fund's investment policies), the portfolio management team performs its own independent analysis of issuers, through its quantitative model and proprietary scoring system, and does not rely solely on third-party screens.

*Shareholders should retain this Supplement for future reference.*

# Putnam PanAgora ESG Emerging Markets Equity ETF

## Investment objective

Putnam PanAgora ESG Emerging Markets Equity ETF seeks long term capital appreciation.

## Fees and expenses

The following tables describe the fees and expenses you may pay if you buy, hold and sell shares of the fund. You may pay other fees, such as brokerage commissions and other fees to financial intermediaries, which are not reflected in the tables and examples below.

### Annual fund operating expenses

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

Management fees	Distribution and service (12b-1) fees	Other expenses <sup>+</sup>	Total annual fund operating expenses
0.60%	0.00%	0.00%	0.60%

+ Other expenses are based on estimated amounts for the current fiscal year.

### Example

The following hypothetical example is intended to help you compare the cost of investing in the fund with the cost of investing in other funds. It assumes that you invest \$10,000 in the fund for the time periods indicated and then, except as indicated, redeem all your shares at the end of those periods. It assumes a 5% return on your investment each year and that the fund's operating expenses remain the same. Your actual costs may be higher or lower.

1 year	3 years
\$61	\$192

## Portfolio turnover

The fund pays transaction-related costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher turnover rate may indicate higher transaction costs and may result in higher taxes when the fund's shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or the above example, affect fund performance. The fund's portfolio turnover rate will be available after the fund completes its first fiscal year.

## **Principal investment strategies**

The fund invests mainly in common stocks (growth or value stocks or both) of emerging markets companies of any size with a focus on companies that the fund's subadviser, PanAgora Asset Management, Inc. ("PanAgora"), believes offer attractive benchmark-relative returns and exhibit positive environmental, social and governance ("ESG") metrics. In evaluating and selecting investments for the fund, PanAgora employs a proprietary framework using quantitative models that identify companies that offer above-market return potential based on their ESG metrics, together with other proprietary factors measuring a company's financial and operational health, and then construct a portfolio that integrates return potential and ESG metrics.

PanAgora uses advanced statistical and machine learning techniques, together with third-party and proprietary data sources, in evaluating companies' ESG metrics and return potential. Metrics designed to evaluate companies' environmental practices may include third-party or proprietary data sources, including those regarding a company's environmental footprint or its environmental efficiencies. Metrics designed to evaluate companies' social practices may include third-party or proprietary data sources, including those regarding board diversity levels at a company. Metrics designed to evaluate companies' governance practices may include third-party or proprietary data sources, including those regarding a company's compensation practices. The ESG metrics and information used in the portfolio construction process may change over time and may not be relevant to all companies that are eligible for investment by the fund.

Under normal circumstances, the fund invests at least 80% of its net assets in equity securities of emerging markets companies that meet PanAgora's ESG criteria. PanAgora will assign each company an ESG rating using proprietary ESG scores. In order to meet PanAgora's ESG criteria, a company must have an ESG score above 0, reflecting more positive characteristics. A negative ESG score indicates a lower (or worse) rating. PanAgora assigns companies an ESG score that ranges from -2 to +2, although the range of scores may change over time. This policy is non-fundamental and may be changed only after 60 days' notice to shareholders. PanAgora may not apply ESG criteria to investments that are not subject to the fund's 80% policy and such investments may not meet PanAgora's ESG criteria.

Emerging markets include countries in the MSCI Emerging Market Index or countries that PanAgora considers to be emerging markets based on an evaluation of their level of economic development or the size and experience of their securities markets.

The fund's equity investments may include common stocks, preferred stocks, convertible securities, warrants, American Depositary Receipts ("ADRs") and Global Depositary Receipts ("GDRs").

PanAgora may consider, among other factors, a company's valuation, financial strength, growth potential, competitive position in its industry, projected future earnings, cash flows and dividends when deciding whether to buy or sell investments. While PanAgora may consider independent third-party data as a part of its analytical process, the portfolio management team performs its own independent analysis of issuers, through its quantitative model and proprietary scoring system, and does not rely solely on third-party screens.

From time to time, the fund may invest a significant portion of its assets in companies in one or more related industries or sectors. From time to time, the fund may invest a significant portion of its assets in companies in one or more related geographic regions, such as Asian or Pacific Basin countries.

### **Principal investment risks**

- *ESG investing risk.* Investing with a focus on companies that meet PanAgora's ESG criteria may result in the fund investing in certain types of companies, industries or sectors that the market may not favor. Conversely, investing in such companies may result the fund foregoing investment in securities that outperform the fund's investments in certain environments. In evaluating an investment opportunity, PanAgora may make investment decisions without the availability of optimal ESG-related data (which may be even less available with securitized debt instruments) or based on information and data that is incomplete or inaccurate. ESG metrics are not uniformly defined and applying such metrics involves subjective assessments. ESG scorings and assessments of issuers can vary across third-party data providers and may change over time. ESG information from third-party data providers may be incomplete, inaccurate or unavailable, particularly with respect to companies in emerging market countries, which may adversely impact the investment process. In addition, a company's business practices, products or services may change over time. As a result of these possibilities, among others, the fund may temporarily hold securities that are inconsistent with the fund's ESG investment criteria. Regulatory changes or interpretations regarding the definitions and/or use of ESG criteria could have a material adverse effect on the fund's ability to invest in accordance with its investment policies and/or achieve its investment objective, as well as the ability of certain classes of investors to invest in funds, such as the fund, whose strategies include ESG criteria.
- *Model Risk* If the quantitative models or data that are used in managing the fund prove to be incorrect or incomplete, investment decisions made in reliance on the models or data may not produce the desired results and the fund may realize losses. Additionally, market movements are likely to change the risk levels and risk allocations of the fund. Investments made based on quantitative models may perform differently from the market as a whole.



- *Fluctuation of NAV and share price risk.* Shares may trade at a larger premium or discount to NAV than shares of other ETFs. The NAV of the fund will generally fluctuate with changes in the market value of the fund's holdings. The fund's shares can be bought and sold in the secondary market at market prices. Disruptions to creations and redemptions, the existence of extreme market volatility or potential lack of an active trading market for the fund's shares may result in the fund's shares trading significantly above (at a premium) or below (at a discount) NAV or the intraday value of the fund's holdings. In addition, in stressed market conditions or periods of market disruption or volatility, the market for shares may become less liquid in response to deteriorating liquidity in the markets for the fund's underlying portfolio holdings.
- *Trading issues risk.* The fund has no public trading history. There can be no assurance that an active trading market will develop or be maintained or that the market for fund shares will operate as intended, which could lead to the fund's shares trading at wider spreads and larger premiums and discounts to NAV than other actively managed ETFs. As a result, it may cost investors more to trade fund shares than shares of other ETFs. There is no guarantee that the fund will be able to attract market makers and authorized participants. Market makers and authorized participants are not obligated to make a market in the fund's shares or to submit purchase and redemption orders for creation units. The market prices of the fund's shares are expected to fluctuate, in some cases materially, in response to changes in the fund's NAV, the intraday value of the fund's holdings and supply and demand for the fund's shares. PanAgora cannot predict whether the fund's shares will trade above, below or at their NAV or the intraday value of the fund's holdings. During such periods, investors may incur significant losses if they sell shares.

The securities held by the fund may be traded in markets that close at a different time than the exchange on which the fund's shares are listed. Liquidity in those securities may be reduced after the applicable closing times. Accordingly, during the time when the exchange is open but after the applicable market closing, fixing or settlement times, bid-ask spreads on the exchange and the corresponding premium or discount to the shares' NAV may widen.

- *Large shareholder risk.* Certain accounts or affiliates of PanAgora, including other funds advised by Putnam Management or third parties, may from time to time own (beneficially or of record) or control a substantial amount of the fund's shares, including through seed capital arrangements. Such shareholders may at times be considered to control the fund. Dispositions of a large number of shares by these shareholders may adversely affect the fund's liquidity and net assets to the extent such transactions are executed directly with the fund in the form of redemptions through an authorized participant, rather than executed in the secondary market. These redemptions may also force the fund to sell securities, which may increase the fund's brokerage costs. To the extent these large shareholders transact in shares of the fund on the secondary market, such transactions may account for a large percentage of the trading volume on the exchange and may, therefore, have a material effect (upward or downward), on the market price of the fund's shares.

- *Authorized participant concentration risk.* Only an authorized participant may engage in creation and redemption transactions directly with the fund. The fund may have a limited number of financial institutions that act as authorized participants, none of which are obligated to engage in creation and/or redemption transactions. To the extent that those authorized participants do not engage in creation and redemption orders, there may be a significantly diminished trading market for fund shares or fund shares may trade at a discount (or premium) to NAV and possibly face trading halts and/or de-listing.
- *Cash transactions risk.* Unlike certain ETFs, the fund may effect creations and redemptions in cash or partially in cash. Therefore, it may be required to sell portfolio securities and subsequently recognize gains on such sales that the fund might not have recognized if it were to distribute portfolio securities in-kind. As such, investments in the fund's shares may be less tax-efficient than an investment in an ETF that distributes portfolio securities entirely in-kind.
- *Market risk.* The value of investments in the fund's portfolio may fall or fail to rise over extended periods of time for a variety of reasons, including general economic, political or financial market conditions, investor sentiment and market perceptions, government actions, geopolitical events or changes, and factors related to a specific issuer, geography, industry or sector. These and other factors may lead to increased volatility and reduced liquidity in the fund's portfolio holdings. The novel coronavirus ("COVID-19") pandemic and efforts to contain its spread are likely to negatively affect the value, volatility, and liquidity of the securities and other assets in which the fund invests and exacerbate other risks that apply to the fund. These effects could negatively impact the fund's performance and lead to losses on your investment in the fund.
- *Common stock risk.* Common stock represents an ownership interest in a company. The value of a company's stock may fall or fail to rise as a result of factors directly relating to that company, such as decisions made by its management or lower demand for the company's products or services. A stock's value may also fall because of factors affecting not just the company, but also other companies in the same industry or in a number of different industries, such as increases in production costs. Growth stocks may be more susceptible to earnings disappointments, and value stocks may fail to rebound. These risks are generally greater for small and midsize companies.
- *Foreign investment risk.* The value of international investments traded in foreign currencies may be adversely impacted by fluctuations in exchange rates. International investments, particularly investments in emerging markets, may carry risks associated with potentially less stable economies or governments (such as the risk of seizure by a foreign government, the imposition of currency or other restrictions, or high levels of inflation), and may be or become illiquid. There may be less publicly-available information, or less reliable publicly-available information,

about foreign companies (including information related to companies' ESG practices), particularly with respect to emerging market companies, than publicly-available information regarding U.S. companies. As a result, the fund's ability to evaluate a foreign company, including with respect to its ESG or sustainability practices, may be more limited than its ability to evaluate a U.S. company.

- *Small and midsize companies risk.* Stocks of small and midsize companies often trade in smaller volumes, and their prices may fluctuate more than stocks of larger companies. Stocks of these companies may therefore be more vulnerable to adverse developments than those of larger companies.
- *Industry or sector concentration risk.* From time to time, the fund may invest a significant portion of its assets in companies in one or more related industries or sectors, which would make the fund more vulnerable to adverse developments affecting those industries or sectors.
- *Geographic focus risk.* From time to time, the fund may invest a significant portion of its assets in companies in one or more related geographic regions, industries or sectors, such as Asian or Pacific Basin countries, which would make the fund more vulnerable to adverse developments affecting those geographic regions, industries or sectors, including political, economic, or other developments adversely impacting ESG or sustainable investing.
- *Management and operational risk.* There is no guarantee that the investment techniques, analyses, or judgments that PanAgora applies in making investment decisions for the fund will produce the intended outcome or that the investments PanAgora selects for the fund will perform as well as other securities that were not selected for the fund. PanAgora, or the fund's other service providers, may experience disruptions or operating errors that could negatively impact the fund. The fund may not achieve its goal, and it is not intended to be a complete investment program.

An investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. It is important to understand that you can lose money by investing in the fund.

## **Performance**

Performance information will be available after the fund completes a full calendar year of operation.

## **Your fund's management**

### **Investment advisor**

Putnam Investment Management, LLC

### **Sub-advisor**

PanAgora Asset Management, Inc.

### **Portfolio managers**

#### **George Mussalli**

Chief Investment Officer & Head of Research, Equity, portfolio manager of the fund since 2023

#### **Richard Tan**

Managing Director, Equity, portfolio manager of the fund since 2023

## **Purchase and sale of fund shares**

Shares of the fund are listed and traded on an exchange, and individual fund shares may only be bought and sold in the secondary market through a broker or dealer at market price. These transactions, which do not involve the fund, are made at market prices that may vary throughout the day, rather than at net asset value (NAV). Shares of the fund may trade at a price greater than the fund's NAV (premium) or less than the fund's NAV (discount). An investor may incur costs attributable to the difference between the highest price a buyer is willing to pay to purchase shares (bid) and the lowest price a seller is willing to accept for shares (ask) when buying or selling fund shares in the secondary market (the "bid-ask spread"). Recent information, including information regarding the fund's NAV, market price, premiums and discounts, and bid-ask spread, is available at [putnam.com](http://putnam.com).

## **Tax information**

The fund's distributions will be taxed as ordinary income or capital gains unless you hold the shares through a tax-advantaged arrangement, in which case you will generally be taxed only upon withdrawal of monies from the arrangement.

## **Financial intermediary compensation**

The fund and its related companies may pay intermediaries, which may include banks, broker/dealers, or financial professionals, for the sale of fund shares and related services. Please bear in mind that these payments may create a conflict of interest by influencing the broker/dealer or other intermediary to recommend the fund over another investment. Ask your advisor or visit your advisor's website for more information.

### **Information about the Summary Prospectus, Prospectus, and SAI**

The summary prospectus, prospectus, and SAI for a fund provide information concerning the fund. The summary prospectus, prospectus, and SAI are updated at least annually, and any information provided in a summary prospectus, prospectus, or SAI can be changed without a shareholder vote unless specifically stated otherwise. The summary prospectus, prospectus, and the SAI are not contracts between the fund and its shareholders, and do not give rise to any contractual rights or obligations or any shareholder rights other than any rights conferred explicitly by federal or state securities laws that may not be waived.

**Additional information, including current performance, is available at [putnam.com/funddocuments](http://putnam.com/funddocuments), or by calling 1-833-228-5577.**

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