

Portfolio Managers

George Mussalli, CFA
PanAgora since 2004
Industry since 1995

Richard Tan, CFA
PanAgora since 2008
Industry since 1997

Objective

The fund seeks long-term capital appreciation.

Type

Active, fully transparent, traditional ETF with daily disclosure of portfolio holdings to public investors and traders

Ticker	CUSIP
PPEM	746729706

Primary exchange
NYSE

Fund distributor
Foreside Fund Services, LLC

Inception
January 19, 2023

Benchmark
MSCI Emerging Markets Index (ND)

Total expense ratio
0.60%

Putnam PanAgora ESG Emerging Markets Equity ETF (PPEM)

Pursues outperformance in emerging market stocks that exhibit positive environmental, social, and governance (ESG) metrics

Systematic strategy

Disciplined, risk-aware quantitative strategy that seeks to invest in emerging market companies that exhibit positive ESG metrics and offer attractive long-term investment opportunities

Quantitative alpha model

Seeks to build a well-diversified portfolio by identifying return drivers of companies based on competitive advantage, power among competitors, governance, and sustainability

Experienced investment team

An experienced manager of quantitative investment strategies since 1989



Active investment strategy

The strategy incorporates PanAgora’s proprietary research and portfolio construction capabilities, which seek to maximize long-term returns while mitigating downside risk.



Advanced quantitative techniques

The strategy’s materiality framework seeks to identify the most appropriate ESG metric for each company utilizing the latest advances in quantitative techniques, integrating high-performance computing and AI technologies with traditional data models.



Positive ESG metrics

The strategy selects stocks that exhibit positive ESG metrics based on a proprietary framework using quantitative models. PanAgora assigns each company an ESG rating based on proprietary ESG scores plus other proprietary factors measuring a company’s financial and operational health.



Research-driven process

Portfolio Managers George Mussalli, CFA, and Richard Tan, CFA, lead an investment process that includes security research, portfolio construction, and trading and implementation. They are backed by a large team of 27 investment professionals who each average 16 years of experience. The team’s capabilities include proprietary factor and contextual alpha model expertise, and using data science as a bridge between investment, data, portfolio construction, and trading groups.

Why ETFs?

- **Cost competitive**
ETFs may reduce costs to investors with a simplified fee structure compared to alternatives.
- **Tax efficient**
The structure of ETFs can reduce the impact of capital gains distributions relative to other investment vehicles.
- **Intraday liquidity**
ETFs trade at any time of day, offering convenience and price clarity when buying and selling.

Why active?

- **Potential for outperformance**
Active strategies aim to outperform passive indexes through investment research and portfolio positioning.
- **Active risk management**
Proactive analysis helps to identify better risk/reward potential than an index offers and seeks to reduce unintended risk.
- **Professional oversight**
Experienced portfolio managers balance risk and return while delivering the ETF’s structural benefits.

**Not FDIC insured
May lose value
No bank guarantee**

Experienced portfolio managers

- Portfolio Manager George Mussalli, CFA, is Chief Investment Officer, Equity, and Head of Equity Research at PanAgora Asset Management. He has worked in the investment industry since 1995 and joined PanAgora in 2004.
- Portfolio Manager Richard Tan, CFA, is Managing Director and Head of Stock Selector Equity strategies at PanAgora Asset Management. He has worked in the investment industry since 1997 and joined PanAgora in 2008.

The MSCI Emerging Markets Index (ND) is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets. You cannot invest directly in an index.

Shares of any ETF are bought and sold at market price (not NAV), may trade at a discount or premium to NAV, and are not individually redeemed from the fund. Brokerage commissions will reduce returns.

Consider these risks before investing: Investing with a focus on companies or issuers that exhibit a commitment to ESG factors may result in the fund investing in certain types of companies or issuers that underperform the market as a whole. In evaluating an investment opportunity, we may make investment decisions based on information and data that is incomplete or inaccurate. Due to changes in the products or services of the companies and issuers in which the fund invests, the fund may temporarily hold securities that are inconsistent with its ESG investment criteria.

International investing involves currency, economic, and political risks. Emerging market securities carry illiquidity and volatility risks. Investments in small and/or midsize companies increase the risk of greater price fluctuations. 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. Growth stocks may be more susceptible to earnings disappointments, and value stocks may fail to rebound. Risks associated with derivatives include increased investment exposure (which may be considered leverage) and, in the case of over-the-counter instruments, the potential inability to terminate or sell derivatives positions and the potential failure of the other party to the instrument to meet its obligations.

The value of investments in the fund's portfolio may fall or fail to rise over 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. Our investment techniques, analyses, and judgments may not produce the outcome we intend. You can lose money by investing in the fund.

You should consider the fund's investment objectives, risks, charges, and expenses carefully before you invest. This and other important information is contained in the fund's prospectus available on putnam.com or by calling 1-833-228-5577. Please read carefully before you invest.

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