

# Summary Prospectus

05 | 05 | 2020, as amended 09 | 16 | 2020

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 [www.gafunds.com/fundinfo](http://www.gafunds.com/fundinfo). You may also obtain this information at no cost by calling 1-800-915-6566 or by sending an e-mail request to [mail@gafunds.com](mailto:mail@gafunds.com). The Fund's [Statutory Prospectus](#) and [Statement of Additional Information](#), both dated May 1, 2020, are incorporated by reference into this Summary Prospectus.

Beginning on January 1, 2021, as permitted by regulations adopted by the Securities and Exchange Commission, paper copies of the Funds' annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Funds' website ([www.gafunds.com/resource-insight-center/](http://www.gafunds.com/resource-insight-center/)), and you will be notified by mail each time a report is posted and provided with a website link to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. You may elect to receive shareholder reports and other communications from a fund electronically anytime by contacting your financial intermediary (such as a broker-dealer or bank) or, if you invest directly with the Guinness Atkinson Funds, by calling 800-915-6565.

You may elect to receive all future reports in paper free of charge. If you invest through a financial intermediary, such as a broker or bank, you can contact your financial intermediary to request that you continue to receive paper copies of your shareholder reports. Please note that not all financial intermediaries may offer this service. If you invest directly, you can call 800-915-6565 to request that you continue to receive paper copies of the Guinness Atkinson Funds' shareholder reports. Your election to receive reports in paper will apply to all funds held in your account.

## Investment Objective

The Alternative Energy Fund's investment objective is long-term capital appreciation.

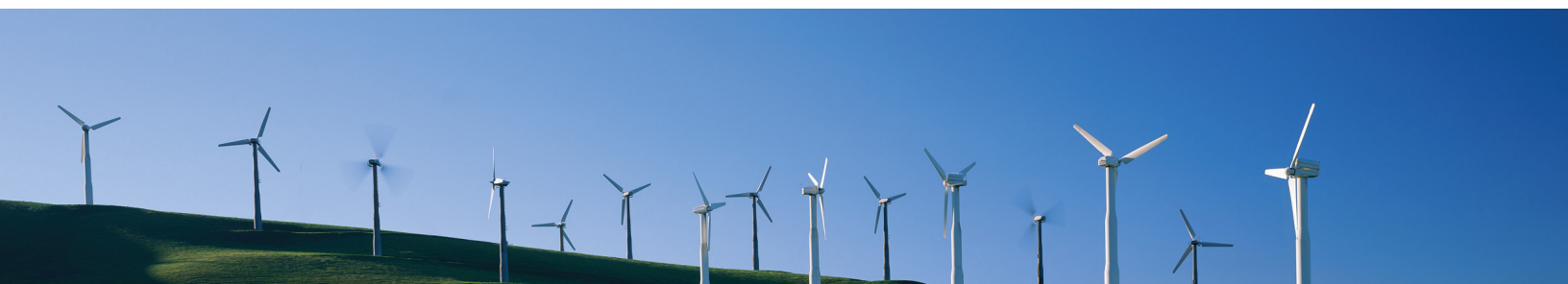
## Fees and Expenses of the Fund

This table describes the fees and expenses that you may pay if you buy and hold shares of the Alternative Energy Fund:

Shareholder Fees (fees paid directly from your investment)		None <sup>(1)</sup>
<b>Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investments)</b>		
Management Fees:		1.00%
Distribution (12b-1) Fees:		None
Other Expenses:		2.00%
Shareholder Servicing Plan Fees	0.19%	
All Other Expenses	1.81%	
<b>Total Annual Fund Operating Expenses:</b>		<b>3.00%</b>
Fee Waiver/Expense Reimbursement <sup>(2)</sup> :		-1.02%
<b>Total Annual Fund Operating Expenses After Fee Waiver and/or Expense Reimbursement<sup>(2)</sup>:</b>		<b>1.98%</b>

<sup>(1)</sup> The Fund charges a \$15 fee for each payment of redemption proceeds by wire transfer.

<sup>(2)</sup> The Adviser has contractually agreed to reduce its fees and/or pay Fund expenses (excluding Acquired Fund Fees and Expenses, interest, taxes, dividends on short positions and extraordinary expenses) in order to limit the Fund's Total Annual Operating Expenses to 1.98% through June 30, 2024. To the extent that the Adviser absorbs expenses to satisfy this cap, it may recoup a portion or all of such amounts absorbed at any time within three fiscal years after the fiscal year in which such amounts were absorbed, subject to the expense cap in place at the time recoupment is sought, which cannot exceed the expense cap at the time of the waiver. The expense limitation agreement may be terminated by the Board of the Fund at any time without penalty upon 60 days' notice.



## Example

This Example is intended to help you compare the cost of investing in the Alternative Energy Fund with the cost of investing in other mutual funds. 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% return each year 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:

1 Year	3 Years	5 Years	10 Years
\$201	\$621	\$1,205	\$3,013

## Portfolio Turnover

The Fund pays transaction costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher portfolio turnover rate may indicate higher 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, affect the Fund's performance. During the most recent fiscal year, the Fund's portfolio turnover rate was 43.19% of the average value of its portfolio.

## Principal Investment Strategies

The Alternative Energy Fund invests at least 80% of its net assets (plus any borrowings for investment purposes) in publicly-traded equity securities of alternative energy companies (both U.S. and non-U.S.). The Fund will focus on a particular group of companies that the Adviser considers to be "Sustainable Energy" companies, which are companies that, in the Adviser's view, provide or support alternative or renewable sources of energy (as compared to more traditional sources of energy that can be environmentally depletive, such as fossil fuels like oil or coal or other hydrocarbon-based fuels), or that produce, generate, transport, deliver, or extend energy applications in a way that makes alternative or renewable energy more efficient or accessible. The Fund will invest in alternative energy companies including companies that generate power through solar, wind, hydroelectric, tidal wave, geothermal, biomass or biofuels and the various companies that provide the equipment and technologies that enable these sources to be tapped, used, stored or transported, including companies that create, facilitate or improve technologies that conserve or enable more efficient use of energy. The Fund will not change this policy unless it gives shareholders at least 60 days' notice.

In determining whether to buy or sell a portfolio position, the Adviser uses proprietary and independent research and applies traditional fundamental analysis to assess a company's business and business prospects, market capitalization, the valuation of the company, its dividend history, its ratio of debt to equity, as well as how the company's business relates to sustainable characteristics like growth or development of alternative or renewable energy. The Adviser conducts an independent assessment of each portfolio company's business. The Adviser categorizes the universe of companies it deems to be Sustainable Energy companies into four key areas related to the specific aspects of the energy business. Currently, these key areas are:

- Generation: companies involved in generating sustainable energy, either pure-play companies or companies working to transition from hydrocarbon-based fuels
- Installation: companies involved in manufacturing equipment for generation and consumption of sustainable energy
- Displacement: companies involved in the displacement or improved efficient usage of existing hydrocarbon-based energy
- Electrification: companies effectuating the switching from hydrocarbon-based fuel demand towards electricity or other renewal energy sources, especially for transportation

The Fund holdings in each key area may vary and the Fund's may invest in companies that do not fall within these key areas.

Equity securities may include common stocks, preferred stocks, securities convertible into common stocks, rights and warrants. The Fund's allocations may vary depending on changing market conditions (including but not limited to, liquidity, volatility, and the number of companies meeting selection criteria). The Fund will normally hold around 30 positions of approximately equal weight, but the portfolio may vary over time, and under normal market conditions, the Fund may have as few as 25 holdings, or may hold securities in 75 or more companies. The Adviser will invest the Fund's assets in securities of all market capitalization companies, but under normal market conditions, the Fund will invest in companies with a minimum market capitalization of \$500 million. The Fund will invest in companies economically tied to U.S. and to foreign countries, including, potentially, companies domiciled or traded in emerging markets. The Fund's currency is US Dollars, while some of its investments are denominated in foreign currencies. Additional information on Principal Investment Strategies can be found in the prospectus. Also see Additional Investment Strategies and Risks in the Statement of Additional Information.

For temporary defensive purposes, any portion of the Fund's total assets may be invested in cash and cash equivalents, including money market funds, to respond to adverse market, economic, political or other conditions. While the Fund is applying this temporary defensive strategy, it be unable to achieve its investment objective.

The Fund is designed for investors who seek long-term capital appreciation through focused investment in equity securities of companies, wherever located, engaged in alternative or sustainable energy businesses.

## Principal Risks

Your investment in the Fund is subject to the risks common to all mutual funds that invest in equity securities and there can be no assurance that the Fund will achieve its investment objective. Risks associated with investments in the Fund can increase during times of market volatility. Investing in this Fund may be more risky than investing in a fund that only invests in U.S. securities due to increased volatility of foreign markets. You may lose money by investing in this Fund. The principal risks are:

**Energy Industry Risks.** Prices of energy, whether traditional or sustainable, may fluctuate or decline due to many factors, including international political or economic developments, real or perceived, demand for energy and sustainable energy, production and distribution policies of OPEC (Organization of Petroleum Exporting Countries) and other oil-producing countries, energy conservation projects, changes in governmental regulations affecting companies in the energy sector, including alternative or sustainable energy companies, changes in technology affecting alternative or sustainable energy, and changes in tax regulations relating to energy. A decline in energy prices would likely have a negative effect on securities held by the Fund. The Fund's focus on the energy sector to the exclusion of other sectors exposes the Fund to greater market risk and potential monetary losses than if the Fund's assets were diversified among various sectors.

**Equity Securities Risk.** The Fund invests in publicly-traded equity securities, and their value may fluctuate, sometimes rapidly and unpredictably, which means a security may be worth more or less than when it was purchased. These fluctuations can be based on a variety of factors including a company's financial condition as well as macro-economic factors such as interest rates, inflation rates, global market conditions, and non-economic factors such as market perceptions and social or political events.

**Market Risk.** General market conditions can affect the value of the Fund's securities holdings. Market risk applies to individual securities, a particular sector or the entire economy. Recently, global financial markets have experienced a period of extreme stress which has resulted in unusual and extreme volatility in the equity markets and in the prices of individual securities. In some cases, the prices of securities issued by individual companies have been negatively impacted even though there may be little or no apparent degradation in the financial conditions or prospects of that company. Global events, financial market shocks or interest rate events could cause equity securities generally to decline in value, including if fixed income securities become more favorable. These market conditions add significantly to the risk of short term volatility of the Fund.

**Global Risks.** The Fund invests in companies in multiple countries within the Asia Pacific region, and companies in which the Fund invests may experience differing outcomes with respect to safety and security, economic uncertainties, natural and environmental conditions, health conditions (including pandemics such as Covid-19) and/or systemic market dislocations (including market dislocations due to events outside a company's country or region). The global interconnectivity of industries and companies, especially with respect to goods, can be negatively impacted by events occurring beyond a company's principal geographic location. These events can contribute to volatility, valuation and liquidity issues, and can affect specific companies, countries, regions and global markets.

*Pandemic Risk.* In 2020, markets globally were impacted by the Covid-19 pandemic, which is ongoing. This pandemic adversely affected industries, including supply chains, as well as general financial conditions, and has resulted in shutdowns and economic stimulus packages. Total economic effects of Covid-19 cannot be predicted. Covid-19 may continue in the foreseeable future and could adversely affect companies in the Fund's portfolio, including by affecting their willingness or ability to pay dividends, which could negatively impact stock prices as well as yield.

## Risks Associated with Investments in Companies outside the United States.

**Investing in Non US Companies.** Investing in companies outside the U.S., including in countries in Europe and Asia, involves different and additional political, social, economic, legal, and regulatory and other risks, based on the size of their securities markets, competition for investments, interest rates, and global or foreign trade activities (restrictions and tariffs, or threats of changes to restrictions or tariffs), and changes in the global economy, such as "Brexit", the withdrawal of the United Kingdom from the European Union. Impacts of Brexit are likely to be higher on companies with significant contacts with the United Kingdom, including companies in Europe. Non-US companies, whether in developed or emerging markets, may be more sensitive to these factors, which can increase volatility, reduce liquidity and negatively affect economic growth. The Fund's ability to access foreign securities markets can be limited, which can affect availability, liquidity and pricing of foreign securities.

*Sensitivity to global events.* Non US securities may be more sensitive to changes in global economy activity, including interest rates as well as trading activity, including trade restrictions, tariffs, or threats of changes to restrictions or tariffs. These companies may be more sensitive to global economic transitions and stresses, such as Brexit, central bank or government interventions (commonly involving interest rates but also stimulus). Investing in non-US securities can also expose the Fund to risks associated with the potential imposition of economic or other sanctions against a particular country, or businesses or industries, including trade restrictions or tariffs (or threats thereof).

*Legal, Accounting, Audit and Disclosure may vary.* Foreign countries have different legal, accounting, auditing and financial disclosure systems, which may make information about companies more difficult to understand, and less information may be available. Under foreign legal systems, different standards may apply for foreign governments to take over assets, restrict the ability to exchange currency or restrict the delivery of securities.

*European Securities.* The Fund may invest in companies in Denmark, France, Germany, Ireland, Spain, Sweden, and the United Kingdom. Companies in countries in the European Union may be more sensitive to changes as a result of Brexit, the withdrawal of the United Kingdom from the European Union. These changes could include changes in how goods, technology or services are delivered or received between the European Union countries and the United Kingdom.

*Securities of Companies in Asia.* The Fund may invest in securities of companies in Asia, including China and South Korea. Investments in securities of Chinese companies can be impacted by currency and exchange rate fluctuations, in addition to price volatility, illiquidity and changes in China's regulatory, monetary and socioeconomic policies, and limitations on access to Chinese issuers. Countries in Asia may be more dependent on global trade relationships; interruptions in global trade could adversely affect securities of companies in Asia.

*China.* China's government exercises significant control over its capital markets and currency markets, including its securities markets. China is also an emerging market. The Fund's investments may be affected by currency and exchange rate fluctuations, price volatility, illiquidity and trading restrictions, which can differ between China's stock exchanges and stock exchanges that list securities of companies economically tied to China. Changes in the regulatory, monetary or socioeconomic policies in China, and limitations on access to China issuers, could adversely affect the Fund's investments in China. See "Additional Risks of Investing in our Funds" for specific risks of investing in companies economically tied to China.

*South Korea.* South Korea's economy is sensitive to changes in international trade, and could be adversely affected if there is a downturn in export markets globally. Substantial political tensions exist between North Korea and South Korea. South Korea's economy and South Korean companies could be adversely affected by increases in tension between North Korea and South Korea.

**Currency and Currency Exchange Risks.** The Fund's currency is US Dollars, while some of its investments are denominated in foreign currencies. Foreign currencies may fluctuate against the US Dollar and some foreign currencies are more volatile, especially during times of economic stress, and foreign countries may limit trading or repatriation of currencies. The Fund's NAV could be affected by a change in foreign currency exchange rates. The Fund may incur costs associated with exchanging dollars into foreign currencies, and vice versa, for investing in foreign securities. The Fund's NAV shares could decline if the foreign currency of a market in which the Fund invests declines against the US Dollar.

*China Currency Risk.* The Fund's investments in Chinese issuers are subject to risks associated with China's currency, which is subject to economic objectives of China's government including devaluation. China has only comparatively recently moved from a pegged currency to a managed float. China's currency, the Renminbi Yuan, is not completely freely tradable and may not at all times reflect economic fundamentals of China's economy. The value of the Renminbi Yuan is subject to changes based on the economic objectives of the Chinese government, including devaluation in order to improve the competitiveness of Chinese goods in an effort to improve the Chinese balance of trade.

*Other Currency Risk.* Currencies of some countries in the Asia Pacific region are subject to greater volatility as compared to the US dollar. Currency volatility is relative and can be periodic. For some countries, their currency may not reflect entirely the fundamental components of a country's economy. For other countries, such as Australia (Australia Dollar), currency volatility is relatively low over longer terms. Some currencies, such as South Korea (Won), Taiwan (New Taiwan Dollar), Singapore (Singapore Dollar) and India (Rupee), trade only in local markets and may be more volatile than other currencies. The Fund could pay more if it had to acquire a foreign currency when the amplitude of its volatility is high as measured against the US Dollar.

**Foreign Securities Market Risks.** Foreign securities markets generally have lower trading volumes than US markets, which means it may be more difficult for the Fund to buy or sell foreign securities. Additionally, trading on foreign securities markets may involve longer settlement periods and higher transaction costs. Some foreign securities markets are closed to trading for extended periods (foreseeable and unplanned), which could make the Fund's holdings in those markets illiquid or hard to value. Government oversight of foreign stock exchanges and brokerage industries may be less stringent than in the United States. Some foreign securities markets restrict access by non-domestic investors. The Fund's investments in securities traded on foreign markets could make this Fund more risky than a fund that only invests in securities traded on US exchanges.

**Emerging Markets Risks.** The Fund may invest in companies in emerging markets. Emerging market countries generally have less established economies, smaller capital markets and greater social, economic, regulatory or political risks. These factors could contribute to increased volatility, liquidity risks and valuation risks. These risks apply to direct holdings in foreign companies and holdings in depository receipts for foreign companies.

**Expropriation Risk.** Investments in foreign countries are subject to expropriation risk, and the risk that foreign governments act to limit investment in foreign securities, through exchange controls, currency restrictions and taxation. There can be limits on the Fund's ability to pursue and collect a legal judgment against a foreign government if an expropriation event occurs.

#### **Other Principal Risks**

**Management Risk.** The Fund's strategy may not achieve its investment objective; portfolio manager judgments about securities may be incorrect or the Adviser might not properly implement the strategy.

**Capitalization Risk.** The Fund invests in companies with a range of capitalizations, including small cap (under US\$1 billion), medium cap (under US\$5 billion) and large cap. Small cap and medium cap companies may be more susceptible to financial downturns, have limited product lines, may be illiquid or experience volatility and may have limited financial resources. Large cap companies may have frequent price changes based on general economic conditions and may be adversely affected by declines among lines of business, and may be less agile in responding to market and product challenges. Investing in small cap and medium cap companies may make the Fund more risky than a fund that only invests in securities of larger capitalization companies.

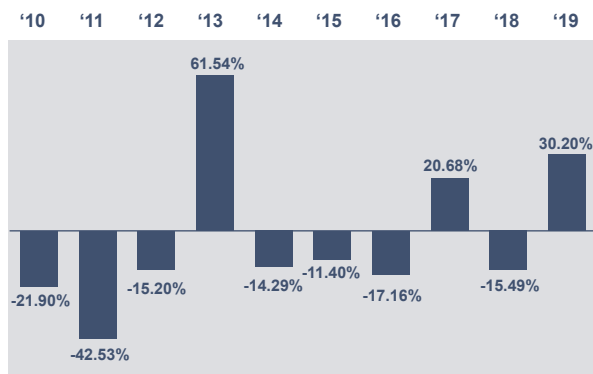
**Liquidity Risk.** The Fund invests in securities, which may become illiquid, and there is liquidity risk associated with each Fund's own shares. Securities in which a Fund invests could become illiquid, which means that the securities cannot be sold with seven days under current market conditions without significantly affecting the price at which the investment is carried on the Fund's books. Investments that become illiquid may be more difficult to value. The Fund may be more sensitive to this risk because it invests in non-US securities. Some of the foreign markets in which the Fund invests may be closed for national holidays or other reasons, which may cause some holdings to be illiquid. Illiquidity in portfolio securities could cause the Fund's shares to trade at a premium or discount. The Fund has adopted a liquidity risk management program to manage liquidity risk of its underlying portfolio.

**Fund Cybersecurity Risk.** Cybersecurity risk applies to the Fund, its service providers and the companies in which the Fund invests. Cybersecurity risk includes breaches, intentional or unintended, that may impact a company's ability to operate, and could include data corruption, theft or loss, improper access to proprietary information, or interference with technology operations. Companies could suffer losses due to cybersecurity events, including fines, penalties, reputational injuries, as well as financial losses and legal and compliance expenses. Cybersecurity risks of the Fund include risks applicable to the Fund's service providers. While the Fund and its service providers have established cybersecurity defenses, there is no guarantee that these defenses will be effective.

For more information on the risks of investing in this Fund, please see the Principal Risks and Risks of Investing in Our Funds in the prospectus. You may also refer to the section Risk Factors and Special Considerations in the Statement of Additional Information.

## Performance

The annual returns bar chart demonstrates the risks of investing in the Alternative Energy Fund by showing how the Fund's performance has varied from year to year. The table below also demonstrates these risks by showing how the Fund's average annual returns compare with those of a broad-based securities market index, as well as two energy-sector indices that, more closely resemble the investments of the Fund. Unlike the Fund's returns, the index returns do not reflect any deductions for fees, expenses or taxes. For additional information on these indices, please see Index Descriptions in the prospectus. Past performance, before or after taxes, is not indicative of future performance. Updated performance information is available on the Fund's website [www.gafunds.com](http://www.gafunds.com).



During the period shown in the bar chart, the best performance for a quarter was 29.17% (for the quarter ended September 30, 2013). The worst performance was -37.85% (for the quarter ended September 30, 2011).

Average Annual Total Returns as of 12/31/19	One Year	Five Years	Ten Years
Alternative Energy Fund:			
Return Before Taxes	30.20%	-0.51%	-6.45%
Return After Taxes on Distributions <sup>(1)</sup>	30.20%	-0.52%	-6.48%
Return After Taxes on Distributions and Sale of Fund Shares <sup>(1)</sup>	17.88%	-0.38%	-4.51%
MSCI World Index (Net Return) (Reflects no Deductions for Fees and Expenses)	27.67%	8.73%	9.46%

<sup>(1)</sup> After-tax returns are calculated using the historically highest individual federal marginal income tax rates and do not reflect the impact of state and local taxes. Actual after-tax returns depend on an investor's tax situation and may differ from those shown, and after-tax returns shown are not relevant to investors who hold their Fund shares through tax-deferred arrangements, such as 401(k) plans or individual retirement accounts. In certain cases, the figure representing "Return After Taxes on Distributions and Sale of Fund Shares" may be higher than the other return figures for the same period. A higher after-tax return results when a capital loss occurs upon redemption and provides an assumed tax deduction that benefits the investor.

## Alternative Energy Fund



NASDAQ Symbol: GAAEX

### Investment Adviser

Guinness Atkinson<sup>TM</sup> Asset Management, Inc. serves as the Fund's investment adviser. For more information on the Investment Adviser, please see Management of the Funds in the prospectus and The Investment Adviser in the Statement of Additional Information.

### Portfolio Manager

Edward Guinness, Jonathan Waghorn and Will Riley are the co-managers of the Fund and are jointly and primarily responsible for the day-to-day management of the Fund. Mr. Guinness has been the lead portfolio manager since April 2013 and was co-manager from February 2007 through April 2013. Jonathan Waghorn and Will Riley have been co-portfolio managers of the Fund since January 2019. For additional information, please see Portfolio Management in the prospectus and Portfolio Managers in the Statement of Additional Information. For additional information, please see Portfolio Management in the prospectus and Portfolio Managers in the Statement of Additional Information.

### Purchase and Sale of Fund Shares

Investors may purchase or redeem Fund shares on any business day by written request, wire transfer, or telephone. You may conduct transactions by mail (Guinness Atkinson<sup>TM</sup> Funds, c/o U.S. Bank Global Fund Services, LLC, 615 East Michigan Street, 3rd Floor, Milwaukee, WI 53201-0701), or by telephone at 1-800-915-6566. (Redemptions by telephone are only permitted upon previously receiving appropriate authorization.) Investors who wish to purchase, exchange or redeem Fund shares through a broker-dealer should contact the broker-dealer directly. The minimum initial and subsequent investment amounts for various types of accounts are shown below, although we may reduce or waive the minimums in some cases. The minimum initial investment is waived for broker-dealers who have entered into an agreement with the Funds' distributor and hold shares in an omnibus account.

Type of Account	Minimum Initial Investments	Subsequent Investments
Regular (new shareholder to the Guinness Atkinson <sup>TM</sup> Fund family)	\$5,000	\$250
Regular (current shareholder of another Guinness Atkinson <sup>TM</sup> Fund)	\$2,500	\$250
Retirement	\$1,000	\$250
Gift (UGMA/UTMA)	\$250	\$250
Automatic investment plan (initial and installment payments)	\$100	\$100

For additional information, please see How to Purchase, Exchange and Redeem Shares in the prospectus and Additional Purchase and Redemption Information in the Statement of Additional Information.

### Tax Information

The Fund's distributions are taxable, and will be taxed as ordinary income or capital gains, unless you are investing through a tax-deferred arrangement, such as a 401(k) plan or an individual retirement account. Withdrawal of monies from such tax-deferred arrangements may be taxable at the time of withdrawal. For additional information, please see Distributions and Taxes in the prospectus and Tax Matters in the Statement of Additional Information.

### Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Fund through a broker-dealer or other financial intermediary (such as a bank), the Adviser and its related companies may pay the intermediary for services related to the sale of Fund shares, which include participation in activities designed to inform intermediaries about the Fund, as well as marketing, education and training initiatives concerning the Fund. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary or your salesperson to recommend the Fund over another investment. Ask your salesperson or visit your financial intermediary's website for more information. Also see Distribution and Shareholder Servicing Plans in the prospectus and Distribution Agreement, Distribution Plan and Shareholder Servicing Plan and Additional Marketing and Support Payments in the Statement of Additional Information.

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