

Horizons ReSolve Adaptive Asset Allocation ETF (HRAA:TSX)







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#### A Message from the CEO

After the challenges of the last two years related to the COVID-19 pandemic, I am pleased a "return to normal" and a broader economic reopening have begun.

While global uncertainty and inflationary pressures have resulted in market volatility, Canada's ETF industry continues to grow. As at May 31, 2022, Canada's ETF industry has seen \$18 billion in year-to-date inflows.

At Horizons ETFs, our assets under management swelled from approximately \$17 billion at the end of 2020 to \$20.9 billion as at December 31, 2021. We continue to solidify our position as one of Canada's top ETF providers, with approximately \$3 billion in ETF flows in the first half of this year. With several more innovative Horizons ETFs funds slated to launch this year, we are optimistic about further growth in the second half of 2022.

We are proud to continue our longstanding commitment to bringing innovative ETFs to market. This year alone we have launched two new, first-of-their-kind ETFs.

In February, Horizons ETFs launched the Horizons Carbon Credits ETF ("**CARB**"). CARB is Canada's first ETF that provides exposure to investments in cap-and-trade carbon allowances: a nascent asset class, CARB, offers investors the potential to benefit from the growing global effort to regulate and restrict pollution.

In another Canadian first, in May, we launched the Horizons Copper Producers Index ETF ("**COPP**"), providing exposure to companies involved in copper ore mining, one of the most in-demand metals today. Copper is a critical component of electrical infrastructure, electric vehicles, and equipment and has an important role in helping achieve a global low-carbon energy future.

The addition of CARB and COPP to our product shelf strengthens our status as Canada's leaders in commodity-focused funds. In addition to our longstanding funds that offer exposure to traditional commodities like crude oil and natural gas, last year, we introduced the first ETFs in Canada that offer exposure to three commodities that have the potential to fuel the future: uranium, lithium, and hydrogen. With market conditions in 2022 that have, so far, favoured energy and commodities, these ETFs can offer investors the potential to capture the current market's momentum.

At Horizons ETFs, "Innovation is Our Capital," has long been our motto, and we believe this has allowed us to be nimble enough to adapt while anticipating investor needs. No matter what is next on your investment horizon, we are confident that our suite of innovative ETFs will be able to help you reach your financial goals.

As always, we thank you for your continued support and hope you're staying safe and healthy.

Sincerely,

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Steven J. Hawkins President & CEO of Horizons ETFs Management (Canada) Inc.





#### MANAGEMENT REPORT OF FUND PERFORMANCE

This interim management report of fund performance for Horizons ReSolve Adaptive Asset Allocation ETF ("HRAA" or the "ETF"), a corporate class of shares (a "Corporate Class") of Horizons ETF Corp. (the "Company"), contains financial highlights and is included with the unaudited interim consolidated financial statements ("financial statements" or "interim financial statements") for the investment fund. You may request a copy of the investment fund's unaudited interim or audited annual financial statements, interim or annual management report of fund performance, current proxy voting policies and procedures, proxy voting disclosure record or quarterly portfolio disclosures, at no cost, by calling (toll free) 1-866-641-5739, or (416) 933-5745, by writing to Horizons ETFs Management (Canada) Inc. ("Horizons Management" or the "Manager"), at 55 University Avenue, Suite 800, Toronto, Ontario, M5J 2H7, by visiting our website at www.horizonsetfs.com or through SEDAR at www.sedar.com.

This document may contain forward-looking statements relating to anticipated future events, results, circumstances, performance, or expectations that are not historical facts but instead represent our beliefs regarding future events. By their nature, forward-looking statements require us to make assumptions and are subject to inherent risks and uncertainties. There is significant risk that predictions and other forward-looking statements will not prove to be accurate. We caution readers of this document not to place undue reliance on our forward-looking statements as a number of factors could cause actual future results, conditions, actions or events to differ materially from the targets, expectations, estimates or intentions expressed or implied in the forward-looking statements.

Actual results may differ materially from management expectations as projected in such forward-looking statements for a variety of reasons, including but not limited to market and general economic conditions, interest rates, regulatory and statutory developments, the effects of competition in the geographic and business areas in which the ETF may invest and the risks detailed from time to time in the ETF's simplified prospectus. New risk factors emerge from time to time and it is not possible for management to predict all such risk factors. We caution that the foregoing list of factors is not exhaustive, and that when relying on forward-looking statements to make decisions with respect to investing in the ETF, investors and others should carefully consider these factors, as well as other uncertainties and potential events, and the inherent uncertainty of forward-looking statements. Due to the potential impact of these factors, the Manager does not undertake, and specifically disclaims, any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, unless required by applicable law.

# **Management Discussion of Fund Performance**

#### **Investment Objective and Strategy**

HRAA's investment objective is to seek long-term capital appreciation by investing, directly or indirectly, in major global asset classes including but not limited to equity indexes, fixed income indexes, interest rates, commodities and currencies.

The ETF gains exposure to these aforementioned asset classes by investing in derivatives and other securities. Derivative instruments may include futures contracts and forward agreements. The ETF may invest in instruments that provide exposure to both domestic and foreign markets, including emerging markets. The ETF also holds a large portion of its assets in cash, money market mutual funds, U.S. treasury securities, or other cash equivalents, some or all of which will serve as margin or collateral for the ETF's investments.

The ETF's sub-advisor, ReSolve Asset Management Inc. ("ReSolve Asset" or the "Sub-Advisor"), uses traditional quantitative methods as well as advanced machine learning tools to create a portfolio of instruments which emphasize a variety of characteristics such as, but not limited to, total return momentum, trends, seasonal patterns, carry measures, mean reversion, and others, while simultaneously maximizing diversification based on regularly updated estimates of volatility and correlations. The ETF takes long or short positions in asset classes such as equity index and fixed income asset classes, commodities, currencies, volatility indexes and other alternative asset classes.



The Sub-Advisor's trading systems determine asset allocations based on multi-factor quantitative market information and explicitly seek opportunities to reduce portfolio volatility through diversification. The trading systems analyze these factors over a broad time spectrum which may range from several days to multiple years. The Sub-Advisor analyzes a number of additional factors in determining how the asset classes are allocated in the portfolio including, but not limited to: intermediate-term profitability of an asset class or market, liquidity of a particular market, desired diversification among markets and asset classes, transaction costs, exchange regulations and depth of market. The allocations are reviewed daily, although changes may occur less frequently.

Please refer to the ETF's most recent prospectus for a complete description of HRAA's investment restrictions.

#### Risk

The Manager performs a review of the ETF's risk rating at least annually, as well as when there is a material change in the ETF's investment objective or investment strategies. The current risk rating for the ETF is: medium.

Risk ratings are determined based on the historical volatility of the ETF as measured by the standard deviation of its performance against its mean. The risk categorization of the ETF may change over time and historical volatility is not indicative of future volatility. Generally, a risk rating is assigned to the ETF based on a rolling 10-year standard deviation of its returns, the return of its Underlying Index, or of an applicable proxy. In cases where the Manager believes that this methodology produces a result that is not indicative of the ETF's future volatility, the risk rating may be determined by the ETF's category. Risk ratings are not intended for use as a substitute for undertaking a proper and complete suitability or financial assessment by an investment advisor.

The Manager, as a summary for existing investors, is providing the list below of the risks to which an investment in the ETF may be subject. Prospective investors should read the ETF's most recent prospectus and consider the full description of the risks contained therein before purchasing shares.

The risks to which an investment in the ETF is subject are listed below and have not changed from the list of risks found in the ETF's most recent prospectus. A full description of each risk listed below may also be found in the most recent prospectus. The most recent prospectus is available at www.horizonsetfs.com or from www.sedar.com, or by calling Horizons ETFs Management (Canada) Inc. at (toll free) 1-866-641-5739, or at (416) 933-5745.

- Market disruptions risk
- Derivative investments
- Risk that ETF shares will trade at prices other than net asset value per ETF shares
- Issuer concentration risk
- Leverage risk
- Foreign exchange rate risk
- Counterparty risk
- Liquidity risk
- Borrowing risk
- Tax-related risks
- Exchange risk
- Inability to achieve investment objective

- Alternative mutual funds risk
- Cyber security risk
- Aggressive investment technique risk
- Reliance on key personnel
- Distribution risk
- Significant redemptions
- Price limit risk
- Conflicts of interest
- Business and regulatory risks of alternative investment strategies
- Political, economic and social risk
- Securities lending risk
- No ownership interest



- Restrictions on certain shareholders
- Redemption price
- Fund corporation and multi-class/series structure risk
- Fluctuations in NAV and market price of the ETF shares risk
- Absence of an active market for the ETF shares and lack of operating historical risk
- No guaranteed return
- · Digital asset investment risks
- Digital asset futures risk
- · Fixed income risk and interest rate risk
- Foreign exchange and market risk
- General risks of equity investments

- Income trust investments risks
- Commodity risk
- Exchange traded funds risk
- Reliance on historical data risk
- Highly volatile markets
- High yield bond risk and risks of lower rated investments
- Call risk
- Risk of difference between quoted and actionable market price
- · Emerging market equities risk
- Short selling risk

#### **Results of Operations**

For the period ended June 30, 2022, share of the ETF returned 7.23%. By comparison, a composite index comprised of 34% of the S&P Risk Parity Index – 8% Target Volatility and 66% of the S&P Systematic Global Macro Index which returned -6.49% and 24.88%, respectively, posted a return of 14.21% for the same period, all figures presented on a total return basis.

The S&P Risk Parity Index - 8% Target Volatility seeks to measure the performance of a multi-asset risk parity strategy that allocates risk equally among equity, fixed income, and commodities futures contracts, while targeting a volatility level of 8%.

The ETF's strategy combines a globally diversified and risk-balanced framework – commonly known as risk parity – with proprietary quantitative models that dynamically modify market exposures in response to complex relationships and patterns that emerge from a variety of data sources. The strategy also employs a dynamic tail protection, which can be a meaningful risk management tool during abrupt market dislocations, when a long volatility exposure may be one of a few profitable alternatives.

#### **General Market Review**

The first semester was coloured by the regrettable invasion of Ukraine by Russian forces in the final week of February, marking the start of the largest conflict on European soil in decades. As the war entered its second month, the swift Russian victory many believed certain had not yet materialized as a result of heroic opposition by Ukrainian military and civilian forces. While western countries have imposed the largest sanctions in history on the Russian regime – including the freezing of approximately two-thirds of Russia's central bank assets; cutting banks' access to the international SWIFT system; and stepping-up delivery of military aid to Ukraine the U.S. and NATO allies have stopped short of sending fighter jets or declaring a no-fly zone over Ukrainian airspace.

Despite the loss of territory to the east and the capitulation of cities like Mariupol, Ukrainian forces managed to push the Russian army back and away from Kyiv, leading Russian forces to concentrate their attacks to the east to establish a "land bridge" between the Russian territory and the Crimean Peninsula, securing access to the Black and Mediterranean seas. The prospects for a diplomatic solution to the crisis in Ukraine appear vanishingly small since the last round of negotiations broke down with no material progress.



As the conflict entered its fourth month, a longer-lasting war of attrition will likely have profound implications for energy and especially agricultural markets. Much of the fighting continues to take place in the Ukrainian countryside, a region that, combined with Russian farmland, is essentially Europe's breadbasket, supplying approximately a quarter of global wheat exports and up to 12% of all food calories traded internationally. Even more consequential, the conflict is threatening the availability of fertilizers on a global scale, which could have profound consequences for food security across the planet, not to mention further geopolitical implications.

Investors were also laser-focused on the actions, words, and tone emanating from central banks as the abundant liquidity that once flooded global markets – and especially U.S.-based assets – continued to be drained from the system. The Fed raised rates by 50 basis points ("bps") in May, followed by a 75-bps hike in June – the first time in three decades – and signaled an aggressive pace of monetary tightening in the coming months. Quantitative tightening also began in June and despite the expected bear steepening of the curve, rising risks of a hard economic landing drove the yield curve to flatten. Across the Atlantic, top ECB officials have suggested that a 50 basis point increase might be necessary to contain inflationary pressures – with Germany seeing its highest price increases since 1963 – as pressure mounted for an end to Europe's ultra-loose monetary policy. But perhaps the most shocking claim came from the Bank of England Governor's candid admission that policymakers have been left "helpless in the face of inflation".

Government bonds sustained the most intense selloff in decades, particularly in Europe. The German 30-year Buxl declined by over 25%, while 10-year bonds in Canada, France, Germany, Italy, UK and U.S. fell between 9% and 15%. Global equities also suffered steep losses, led by U.S. equities; the NASDAQ declined by almost 30%, the S&P 500 and Russell 200 shed more than 20%. European shares also endured double-digit losses, while the selloffs in Australian and Asian shares were less acute. The U.S. Dollar Index rose by 9%as the greenback strengthened against developed and emerging market currencies alike; with smaller losses in the Canadian Dollar and Swiss Franc, larger for the Aussie and Kiwi Dollars, Euro, British Pound, and especially the Japanese Yen. Even commodities endured some losses, especially in June as recession fears grew. Metals were the hardest hit, with large losses in copper and silver. Grains were mostly in double-digit positive territory (except for the decline in canola), with gains partially reversed in May and June, while softs saw a steep appreciation in UK sugar and 12% to 15% declines in cocoa and Robusta coffee, respectively. Energies were once again the strongest performing sector, with gas oil and heating oil prices more than doubling, and 50% to 63% rallies in Henry Hub natural gas, crude oil, and RBOB.

#### Portfolio Review

The ETF successfully navigated the turmoil in global asset classes in the first six months of the year amid widespread losses in traditional stock and bond portfolios. Gains stemmed primarily from long and short exposures to commodity markets.

The adaptive asset allocation strategy offers exposure to a global risk parity "beta" core stacked with an active macro trading "alpha" strategy. Losses on the risk parity strategic core were more than compensated for by gains in the alpha overlay, especially in March and April.

Energies were, once again, the largest contributors well-distributed across longs in crude oil, gasoline, RBOB, heating oil, and natural gas, in that order.

Metals led to important gains, primarily from shorts in copper and silver, while active trading in platinum helped preserve gains from longs earlier in the year by successfully flipping short in March.

Grains were also an important source of returns, driven by longs in corn, bean oil, and soybeans. Price declines in June partially reversed earlier gains.



Currencies also offered opportunities for profit, most notably through shorts in the Japanese Yen, Euro, British Pound, and Swiss Franc against the U.S. dollar.

Sovereign Bonds saw losses primarily from longs in Euro-OAT, German two-year Bobl, and German 30-year Buxl, partially compensated for by profitable shorts in German 10-year Bunds and U.S. five-year Treasuries.

Soft commodities contributed negatively to the ETF, led by sugar, cotton, and cocoa.

Equities were the largest detractors. A short in the S&P 500 and German DAX partially offset some of the losses from long exposures in the Aussie 200 and other European indices. Active trading in the S&P/TSX 60 led to a profitable short and offset losses earlier in the quarter.

#### Outlook

Despite FOMC members' claims to the contrary, there is mounting evidence of a global economic slowdown. The World Bank and OECD have slashed their growth expectations, the University of Michigan Consumer Sentiment dropped to its lowest recorded level, dating back to the mid-1970s, and a growing number of economists are questioning the chances of a "soft landing." The possibility of a "muddle-through" scenario was eloquently summarized by economist Mohamed El-Erian: "I believe they're going to flip-flop. And that's the worst of all three possibilities. Right now, they are focused on inflation, but as the growth consequences become clear they will ease their foot off the brakes...and then will have to slam on the brakes again."

As the war in Ukraine entered its fourth month, Russian forces seem to have carved the so-called land bridge from its border into the Crimean Peninsula, though fierce fighting was still taking place in many cities in the region. Pledges by the U.S. and UK to provide more sophisticated weapon systems to the Ukrainian army prompted the Russian government to issue a deliberately vague threat of further escalation, while Russian state media allegedly openly discussing a possible nuclear attack on British soil. Growing tensions among European countries have led Finland and Sweden to abandon decades of neutrality and formally request NATO membership.

Across the Pacific, the U.S. president's explicit promise to defend Taiwan militarily if attacked by China, deviating from more than half a century of strategic ambiguity, although quickly recanted by the State Department, was met with a strong rebuttal from the Chinese government, further straining an already fragile relationship. Worsening global cooperation has the potential to continually feed inflationary pressures while worsening the outlook for growth and tightening living standards will breed further political turmoil.

#### Other Operating Items and Changes in Net Assets Attributable to Holders of ETF Shares

For the six-month period ended June 30, 2022, the ETF generated gross comprehensive income (loss) from investments and derivatives (which includes changes in the fair value of the ETF's portfolio) of \$6,741,385. This compares to \$4,483,463 for the six-month period ended June 30, 2021. The ETF incurred management, operating and transaction expenses of \$1,698,009 (2021 – \$933,011) of which \$36,541 (2021 – \$37,989) was either paid or absorbed by the Manager on behalf of the ETF. The waiving and/or absorption of such fees and/or expenses by the Manager may be terminated at any time, or continued indefinitely, at the discretion of the Manager. The ETF did not make any distributions to shareholders during the periods ended June 30, 2022 and 2021.



#### Leverage

The aggregate market exposure of all instruments held directly or indirectly by HRAA, calculated daily on a mark-to-market basis, can exceed HRAA's net asset value, and can exceed the amount of cash and securities held as margin on deposit to support the derivatives trading activities of the ETF. Under normal market conditions, the maximum amount of leverage used, directly or indirectly, by the ETF, expressed as a ratio of total underlying notional value of the securities and/or financial derivative positions of HRAA divided by the net assets of the ETF (the "Leverage Ratio"), will generally not exceed 3:1.

The following table discloses the minimum and maximum leverage levels for the ETF for the period ended June 30, 2022 and for the year ended December 31, 2021; the ETF's leverage at the end of the reporting period; and, approximately what that leverage represents as a percentage of the ETF's net assets.

Period/Year Ended	Minimum Leverage	Maximum Leverage	Leverage a end of Reporting Period	Approximate Percentage of Net Assets
June 30, 2022	0.82:1	2.16:1	1.58:1	158%
December 31, 2021	1.14:1	2.91:1	1.16:1	116%

#### **Recent Developments**

There have been no recent market developments of particular note, aside from the normal fluctuations of the markets, that are expected to have an undue influence on the portfolio of the ETF when compared to its benchmark.

#### **Presentation**

The attached financial statements have been prepared in accordance with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board. Any mention of total net assets, net assets, net asset value or increase (decrease) in net assets in the financial statements and/or management report of fund performance is referring to net assets or increase (decrease) in net assets attributable to holders of redeemable shares as reported under IFRS.

#### **Related Party Transactions**

There were no related party portfolio transactions during the current reporting period. Certain services have been provided to the ETF by related parties, and those relationships are described below.

#### Manager and Investment Manager

The manager and investment manager of the Company and of the ETF is Horizons ETFs Management (Canada) Inc., 55 University Avenue, Suite 800, Toronto, Ontario, M5J 2H7, a corporation incorporated under the laws of Ontario.

Any management fees paid to the Manager (described in detail on page 15) are related party transactions, as the Manager is considered to be a related party to the ETF. The management fees are disclosed in the statements of comprehensive income in the attached financial statements of the ETF. The management fees payable by the ETF as at June 30, 2022, and December 31, 2021, are disclosed in the statements of financial position.



# **Financial Highlights**

The following tables show selected key financial information about the ETF and are intended to help you understand the ETF's financial performance for the current interim reporting period and since it effectively began operations on July 29, 2020. This information is derived from the ETF's audited annual financial statements and the current unaudited interim financial statements. Please see the front page for information on how you may obtain the ETF's annual or interim financial statements.

#### The ETF's Net Assets per Share

Period (1)	2022	2021	2020
Net assets, beginning of period	\$ 11.23	10.38	10.04
Increase from operations:			
Total expenses	(0.20)	(0.24)	(0.11)
Realized gains for the period	0.99	1.26	0.17
Unrealized gains (losses) for the period	(0.18)	(0.18)	0.30
Total increase from operations (2)	0.61	0.84	0.36
Total distributions (3)	_	_	_
Net assets, end of period (4)	\$ 12.03	11.23	10.38

<sup>1.</sup> This information is derived from the ETF's unaudited interim financial statements and audited annual financial statements.

<sup>2.</sup> Net assets per share and distributions are based on the actual number of shares outstanding at the relevant time. The increase (decrease) from operations is based on the weighted average number of shares outstanding over the financial period.

<sup>3.</sup> Distributions, if any, were paid in cash, reinvested in additional shares of the ETF, or both.

<sup>4.</sup> The Financial Highlights are not intended to act as a continuity of the opening and closing net assets per share.



# Financial Highlights (continued)

### **Ratios and Supplemental Data**

Period (1)		2022	2021	2020
Total net asset value (000's)	\$	135,430	73,568	72,954
Number of shares outstanding (000's)		11,253	6,553	7,026
Management expense ratio (2)(4)		3.20%	1.94%	2.18%
Management expense ratio excluding proportion of expense from underlying investment funds	es	3.15%	1.87%	2.13%
Management expense ratio excluding performance fees (2)		1.04%	1.04%	1.08%
Management expense ratio excluding performance fees and proportion of expenses from underlying investment funds		0.99%	0.97%	1.03%
Management expense ratio before waivers and absorptions	2)	3.27%	2.05%	2.20%
Trading expense ratio (3)(4)		0.26%	0.35%	0.55%
Trading expense ratio excluding proportion of costs from underlying investment funds		0.26%	0.35%	0.55%
Portfolio turnover rate (5)		0.00%	0.00%	0.00%
Net asset value per share, end of period	\$	12.03	11.23	10.38
Closing market price	\$	12.20	11.25	10.25

- 1. This information is provided as at June 30, 2022, and December 31 of the year/period shown.
- 2. Management expense ratio is based on total expenses, including sales tax, (excluding commissions and other portfolio transaction costs) for the stated period and is expressed as an annualized percentage of daily average net asset value during the year/period. Out of its management fees, and waivers and absorptions, as applicable, the Manager pays for such services to the ETF as investment manager compensation and marketing. The Manager, at its discretion, may waive and/or absorb a portion of the fees and/or expenses otherwise payable by the ETF. The waiving and/or absorption of such fees and/or expenses by the Manager may be terminated at any time, or continued indefinitely, at the discretion of the Manager.
- 3. The trading expense ratio represents total commissions and other portfolio transaction costs expressed as an annualized percentage of daily average net asset value during the year/period.
- 4. The ETF's management expense ratio (MER) and trading expense ratio (TER) include and estimated proportion of the MER and TER for any underlying investment funds held in the ETF's portfolio during the year/period.
- 5. The ETF's portfolio turnover rate indicates how actively the ETF trades its portfolio investments. A portfolio turnover rate of 100% is equivalent to the ETF buying and selling all of the securities in its portfolio once in the course of a year. The higher an ETF's portfolio turnover rate in a year, the greater the chance of an investor receiving taxable capital gains in the year. There is not necessarily a relationship between a high turnover rate and the performance of an ETF.



## Financial Highlights (continued)

#### **Management Fees**

The Manager provides, or oversees the provision of, administrative services required by the ETF including, but not limited to: negotiating contracts with certain third-party service providers, such as portfolio managers, custodians, registrars, transfer agents, auditors and printers; authorizing the payment of operating expenses incurred on behalf of the ETF; arranging for the maintenance of accounting records for the ETF; preparing reports to shareholders and to the applicable securities regulatory authorities; calculating the amount and determining the frequency of distributions by the ETF; preparing financial statements, income tax returns and financial and accounting information as required by the ETF; ensuring that shareholders are provided with financial statements and other reports as are required from time to time by applicable law; ensuring that the ETF complies with all other regulatory requirements, including the continuous disclosure obligations of the ETF under applicable securities laws; administering purchases, redemptions and other transactions in shares of the ETF; and dealing and communicating with shareholders of the ETF. The Manager provides office facilities and personnel to carry out these services, if not otherwise furnished by any other service provider to the ETF. The Manager also monitors the investment strategies of the ETF to ensure that the ETF complies with its investment objectives, investment strategies and investment restrictions and practices.

In consideration for the provision of these services, the Manager receives a monthly management fee at the annual rate of 0.85%, plus applicable sales taxes, of the net asset value of the ETF's shares, calculated and accrued daily and payable monthly in arrears.

The Sub-Advisor is compensated for its services out of the management fees without any further cost to the ETF. Any expenses of the ETF which are waived or absorbed by the Manager are paid out of the management fees received by the Manager.

The table below details, in percentage terms, the services received by the ETF from the Manager in consideration of the management fees paid during the period.

Marketing	Portfolio management fees, general administrative costs and profit	Waived/absorbed expenses of the ETF
6%	86%	8%

#### **Performance Fees**

The ETF shall pay to the Manager a Performance Fee, if any, equal to 15% of the amount by which the performance of the ETF, at any date on which the Performance Fee is payable, (i) exceeds the greater of: (a) the initial net asset value per ETF Share; and (b) the highest net asset value per ETF Share previously utilized for the purposes of calculating a Performance Fee that was paid (the "High Water Mark") and (ii) is greater than an annualized return of 3%.

The Performance Fee shall be calculated and accrued daily and shall be payable at least quarterly in arrears on dates determined by the Manager, together with applicable taxes. The ETF accrued \$1,051,188 in performance fees for the period ended June 30, 2022 (2021 - \$455,341), and is disclosed in the statement of comprehensive income. Performance fees payable to the Manager as at June 30, 2022, were \$300,029 (December 31, 2021 - \$117,612) and are included in accrued operating expenses on the statements of financial position, where applicable.

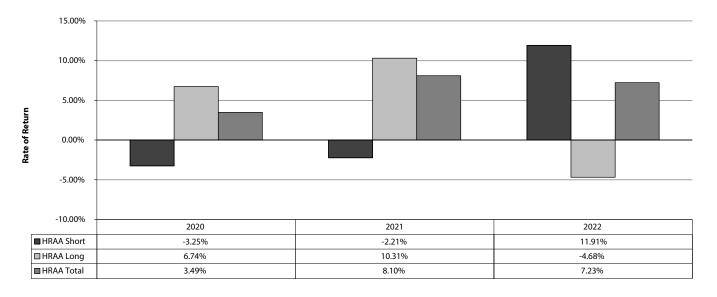


#### **Past Performance**

Commissions, management fee, expenses and applicable sales taxes all may be associated with an investment in the ETF. Please read the prospectus before investing. The indicated rates of return are the historical total returns including changes in share value and reinvestment of all distributions, and do not take into account sales, redemptions, distributions or optional charges or income taxes payable by any investor that would have reduced returns. An investment in the ETF is not guaranteed. Its value changes frequently and past performance may not be repeated. The ETF's performance numbers assume that all distributions, if any, are reinvested in additional shares of the ETF. If you hold this ETF outside of a registered plan, income and capital gains distributions that are paid to you increase your income for tax purposes whether paid to you in cash or reinvested in additional shares. The amount of the reinvested taxable distributions is added to the adjusted cost base of the shares that you own. This would decrease your capital gain or increase your capital loss when you later redeem from the ETF, thereby ensuring that you are not taxed on this amount again. Please consult your tax advisor regarding your personal tax situation.

#### **Year-by-Year Returns**

The following chart presents the ETF's performance for the periods shown, and illustrates how the performance has changed from period to period. In percentage terms, the chart shows how much an investment made on the first day of the financial period would have grown or decreased by the last day of the financial period.



The ETF effectively began operations on July 29, 2020.



# **Summary of Investment Portfolio** As at June 30, 2022

Asset & Sector Mix	Net	Asset Value	% of ETF's Net Asset Value
Long Positions			
Futures Contracts-Treasury Bond Speculative*	\$	756,845	0.56%
Futures Contracts-Currency Speculative*		(49,731)	-0.04%
Futures Contracts-Index Speculative*		(487,125)	-0.36%
Futures Contracts-Commodity Speculative*		(2,921,387)	-2.16%
Cash and Cash Equivalents		120,551,215	89.02%
Margin Deposits		15,995,902	11.81%
Other Assets less Liabilities		233,238	0.17%
Short Positions			
Futures Contracts-Commodity Speculative*		1,082,425	0.80%
Futures Contracts-Index Speculative*		196,027	0.15%
Futures Contracts-Currency Speculative*		176,629	0.13%
Futures Contracts-Treasury Bond Speculative*		(104,043)	-0.08%
	\$ 1	135,429,995	100.00%

<sup>\*</sup>Positions in futures contracts are disclosed as the gain/(loss) that would be realized if the contracts were closed out on the date of this report.



# **Summary of Investment Portfolio** (continued)

As at June 30, 2022

Top 25 Holdings**	% of ETF's Net Asset Value
Long Positions	Het/Isset value
Cash and Cash Equivalents	89.02%
Sugar #11 Futures	8.45%
FTSE/MIB Index Futures	8.24%
Euro-Bobl Futures	7.92%
EURO STOXX® 50 Index Futures	6.68%
Cocoa Futures	6.38%
Long Gilt Futures	6.33%
Nikkei 225 Index Futures	5.40%
U.S. 5-Year Treasury Bond Futures	4.69%
Gold 100oz. Futures	4.64%
Crude Oil Futures	4.52%
Brent Crude Futures	4.15%
Euro-Buxl® Futures	3.91%
Soybean Meal Futures	3.59%
Low Sulphur Gas Oil Futures	3.53%
Gasoline Futures	3.11%
CAC 40 10 Index Futures	2.95%
Canadian 10-Year Treasury Bond Futures	2.93%
NY Harbor ULSD Futures	2.91%
Short Positions	
Japanese Yen Currency Futures	-2.64%
Silver Futures	-3.09%
DAX® Index Futures	-3.82%
Euro-Bund Futures	-4.59%
S&P 500 E-Mini Index Futures	-5.76%
Copper Futures	-9.79%

<sup>\*\*</sup> All futures positions are speculative in nature. Positions in futures contracts are disclosed in terms of their absolute notional exposure. Aggregate notional exposure of futures contracts equals 163.13% of the ETF's NAV.

The summary of investment portfolio may change due to the ongoing portfolio transactions of the ETF. The ETF's most recent financial statements are available at no cost by calling toll free 1-866-641-5739, or (416) 933-5745, by writing to us at Horizons ETFs Management (Canada) Inc., 55 University Avenue, Suite 800, Toronto, Ontario, M5J 2H7, by visiting our website at www.horizonsetfs.com or through SEDAR at www.sedar.com.



#### MANAGER'S RESPONSIBILITY FOR FINANCIAL REPORTING

The accompanying unaudited interim consolidated financial statements ("financial statements") of Horizons ReSolve Adaptive Asset Allocation ETF (the "ETF") are the responsibility of the manager to the ETF, Horizons ETFs Management (Canada) Inc. (the "Manager"). They have been prepared in accordance with International Financial Reporting Standards as issued by the International Accounting Standards Board using information available and include certain amounts that are based on the Manager's best estimates and judgements.

The Manager has developed and maintains a system of internal controls to provide reasonable assurance that all assets are safeguarded and to produce relevant, reliable and timely financial information, including the accompanying financial statements.

These financial statements have been approved by the Board of Directors of the Manager and by the Board of Directors of Horizons ETF Corp.

Staven I Hawkins

Steven J. Hawkins Director Horizons ETFs Management (Canada) Inc. Thomas Park
Director

Horizons ETFs Management (Canada) Inc.

#### **NOTICE TO SHAREHOLDERS**

#### The Auditors of the ETF have not reviewed these Financial Statements.

Horizons ETFs Management (Canada) Inc., the Manager of the ETF, appoints an independent auditor to audit the ETF's annual financial statements.

The ETF's independent auditors have not performed a review of these interim financial statements in accordance with Canadian generally accepted auditing standards.



# **Consolidated Statements of Financial Position** (unaudited)

As at June 30, 2022, and December 31, 2021

	2022	2021
Assets		
Cash and cash equivalents	\$ 120,551,215	\$ 62,821,538
Margin deposits (note 12)	15,995,902	10,433,022
Amounts receivable relating to accrued income	36,872	-
Amounts receivable relating to securities issued	601,895	_
Derivative assets (note 3)	2,581,744	1,027,625
Total assets	139,767,628	74,282,185
Liabilities		
Accrued management fees	103,262	60,471
Accrued operating expenses	302,267	123,298
Derivative liabilities (note 3)	3,932,104	530,434
Total liabilities	4,337,633	714,203
Total net assets (note 2)	\$ 135,429,995	\$ 73,567,982
Number of redeemable shares outstanding (note 9)	11,253,129	6,553,129
Total net assets per share	\$ 12.03	\$ 11.23

(See accompanying notes to financial statements)

Approved on behalf of the Board of Directors of Horizons ETF Corp.:

Steven J. Hawkins Director Kevin S. Beatson Director



# **Consolidated Statements of Comprehensive Income** (unaudited) For the Periods Ended June 30,

<u>,</u>		
<b>,</b>		
\$	36,899 \$	_
	1,437	15,224
	8,209,177	7,078,043
	(21,350)	22,779
	(1,847,259)	(2,804,611)
	362,481	172,028
	6,741,385	4,483,463
	454,181	313,652
	1,051,188	455,341
	7,532	8,408
	141	576
	17,176	15,538
	1,077	6,947
	7,155	5,915
	13,202	7,707
	126,908	118,405
	_	(1,289)
	19,449	1,811
	1,698,009	933,011
	(36,541)	(37,989)
	1,661,468	895,022
\$	5,079,917 \$	3,588,441
\$	0.61 \$	0.56
	\$	1,437 8,209,177 (21,350) (1,847,259) 362,481 6,741,385  454,181 1,051,188 7,532 141 17,176 1,077 7,155 13,202 126,908 - 19,449 1,698,009  (36,541) 1,661,468 \$ 5,079,917 \$



# **Consolidated Statements of Changes in Financial Position** (unaudited) For the Periods Ended June 30,

	2022	2021
Total net assets at the beginning of the period	\$ 73,567,982	\$ 72,953,722
Increase in net assets	5,079,917	3,588,441
Redeemable share transactions		
Proceeds from the issuance of securities of the investment fund	63,489,246	_
Aggregate amounts paid on redemption of securities of the investment fund	(6,707,150)	(14,405,257)
Total net assets at the end of the period	\$ 135,429,995	\$ 62,136,906



# Consolidated Statements of Cash Flows (unaudited)

For the Periods Ended June 30,

	2022	2021
Cash flows from operating activities:		
Increase in net assets for the period	\$ 5,079,917	\$ 3,588,441
Adjustments for:		
Net realized gain on sale of investments and derivatives	(8,209,177)	(7,078,043)
Net realized loss on currency forward contracts	(463)	(1,150)
Net change in unrealized depreciation of investments and derivatives	1,847,259	2,804,611
Net change in unrealized depreciation (appreciation) of foreign exchange	4,369	(2,028)
Purchase of investments	296	_
Proceeds from the sale of investments	8,209,636	7,076,196
Margin deposits	(5,562,880)	(1,986,163)
Amounts receivable relating to accrued income	(36,872)	_
Accrued expenses	221,760	133,583
Net cash from operating activities	1,553,845	4,535,447
Cash flows from financing activities:		
Amount received from the issuance of shares	62,887,351	_
Amount paid on redemptions of shares	(6,707,150)	(14,405,257)
Net cash from (used in) financing activities	56,180,201	(14,405,257)
Net increase (decrease) in cash and cash equivalents during the period	57,734,046	(9,869,810)
Effect of exchange rate fluctuations on cash and cash equivalents	(4,369)	2,028
Cash and cash equivalents at beginning of period	62,821,538	61,203,255
Cash and cash equivalents at end of period	\$ 120,551,215	\$ 51,335,473
Interest received, net of withholding taxes	\$ 27	\$ _
Dividends received, net of withholding taxes	\$ -	\$ 1,290



# Schedule of Investments (unaudited)

As at June 30, 2022

Security	Contracts	Average Cost	Fair Value
DERIVATIVES (-1.00%)			
Treasury Bond Futures (0.48%)			
Long Positions (0.56%)			
Canadian 10-Year Treasury Bond Futures September 2022 at C\$123.99. Notional Value C\$3,967,680	32 \$	- \$	36,010
Euro-BOBL September 2022 at EUR€124.19. Notional Value EUR€7,948,160	64	_	215,032
Euro-Buxl® Futures September 2022 at EUR€163.56. Notional Value EUR€3,925,440	24	-	308,201
Euro-OAT Futures September 2022 at EUR€138.53. Notional Value EUR€2,493,540	18	-	(21,974)
Long Gilt Futures September 2022 at GB£113.98. Notional Value GB£5,471,040	48	-	121,467
U.S. 5-Year Treasury Bond Futures September 2022 at US\$112.25. Notional Value US\$4,939,000	44	-	31,858
U.S. 20-Year Treasury Bond Futures September 2022 at US\$138.62. Notional Value US\$1,386,250	10		66,251
			756,845
Short Positions (-0.08%)			
Euro-Bund Futures September 2022 at EUR€148.78. Notional Value (EUR€4,612,180)	(31)	_	(90,648)
U.S. 10-Year Treasury Bond Futures September 2022 at US\$118.53. Notional Value (US\$948,250)	(8)		(13,395)
	_		(104,043)
Currency Futures (0.09%) Long Positions (-0.04%)			
Australian Dollar Currency Futures September 2022 at US\$69.11. Notional Value US\$967,540	14	-	(5,876)
New Zealand Dollar Currency Futures September 2022 at US\$62.42. Notional Value US\$2,371,960	38		(43,855)
			(49,731)
Short Positions (0.13%)			
British Pound Currency Futures September 2022 at US\$121.99. Notional Value (US\$2,744,775)	(36)	-	78,471
Canadian Dollar Currency Futures September 2022 at US\$77.70. Notional Value (US\$2,719,500)	(35)	-	(26,877)
Euro Currency Futures September 2022 at US\$1.05. Notional Value (US\$2,766,225)	(21)	-	68,656
Japanese Yen Currency Futures September 2022 at US\$74.16. Notional Value (US\$2,780,813)	(30)	-	106,331



# Schedule of Investments (unaudited) (continued)

As at June 30, 2022

Security	Contracts	Average Cost	Fair Value
Swiss Franc Currency Futures September 2022			
at US\$105.44. Notional Value (US\$2,767,669)	(21)		(49,952)
	_	<del>-</del>	176,629
Index Futures (-0.21%)			
Long Positions (-0.36%)			
CAC 40 10 Index Futures July 2022 at EUR€5,914.00. Notional Value EUR€2,957,000	50	_	(17,145)
E-mini Russell 2000 Index Futures September 2022 at US\$1,708.00. Notional Value US\$1,195,600	14	_	6,076
EURO STOXX® 50 Index Futures September 2022 at EUR€3,441.00. Notional Value EUR€6,709,950	195	_	(81,623)
FTSE China A50 Index Futures July 2022 at US\$14,883.00. Notional Value US\$1,800,843	121	_	97,866
FTSE/MIB Index Futures September 2022 at EUR€21,208.00. Notional Value EUR€8,271,120	78	_	(293,566)
Hang Seng Index Futures July 2022 at HK\$21,744.00. Notional Value HK\$6,523,200	6	-	26,238
IBEX 35 Index Futures July 2022 at EUR€8,039.60. Notional Value EUR€2,331,484	29	_	(32,126)
Nikkei 225 Index Futures September 2022 at US\$26,440.00. Notional Value US\$5,684,600	43	_	(175,864)
S&P/TSX 60 Index Futures September 2022 at C\$1,142.50. Notional Value C\$3,199,000	14	_	(17,240)
SPI 200 Index Futures September 2022 at AU\$6,461.00. Notional Value AU\$3,230,500	20	_	(29,009)
Tokyo Price Index Futures September 2022 at JPY¥1,870.50. Notional Value JPY¥280,574,999	15	_	29,268
dt JF 1+1,070.30. Notional value 31 1+200,37 7,222	15	_	(487,125)
Short Positions (0.15%)	_		(, ,
Amsterdam Exchanges Index Futures July 2022 at EUR€658.97. Notional Value (EUR€658,970)	(5)	_	14,825
DAX® Index Futures September 2022 at EUR€12,771.00. Notional Value (EUR€3,831,300)	(12)	_	106,700
FTSE 100 Index Futures September 2022 at GB£7,121.00. Notional Value (GB£783,310)	(11)	_	11,822
NASDAQ 100 E-mini Index Futures September 2022 at US\$11,529.50. Notional Value (US\$922,360)	(4)	_	17,757
S&P 500 E-Mini Index Futures September 2022			
at US\$3,789.50. Notional Value (US\$6,063,200)	(32)		44,923
	_		196,027



# Schedule of Investments (unaudited) (continued)

As at June 30, 2022

Contracts	Average Cost	Fair Value
40	_	35,720
287	_	(380,805)
18	_	10,064
36	_	(190,747)
36	_	(425,729)
45	_	(606,052)
1	_	2,981
22	_	(103,021)
27	_	(103,156)
23	_	(75,510)
33	_	(462,620)
25	_	(11,162)
8	_	(118,718)
19	_	(462,288)
93	_	62,802
429	_	(93,146)
	_	(2,921,387)
(111)	_	683,519
(23)	_	46,275
	40 287 18 36 36 45 1 22 27 23 33 25 8 19 93 429 (111)	40 - 287 - 18 - 36 - 36 - 45 - 1 - 22 - 27 - 23 - 23 - 33 - 25 - 8 - 19 - 93 - 429 - — — — — — — — — — — — — — — — — — — —



# Schedule of Investments (unaudited) (continued)

As at June 30, 2022

Security	Contracts	Average Cost	Fair Value
Silver Futures September 2022 at US\$20.35. Notional Value (US\$3,256,320)	(32)	-	159,709
Soybean Futures November 2022 at US\$1,458.00. Notional Value (US\$2,114,100)	(29)	_	16,074
Soybean Oil Futures December 2022 at US\$64.46. Notional Value (US\$77,352)	(2)	-	3,414
Wheat Futures September 2022 at US\$884.00. Notional Value (US\$707,200)	(16)	_	173,434
	_	_	1,082,425
TOTAL DERIVATIVES		_	(1,350,360)
TOTAL INVESTMENT PORTFOLIO (-1.00%)	:	\$ -	\$ (1,350,360)
Cash and cash equivalents (89.02%)	-		120,551,215
Margin deposits (11.81%)			15,995,902
Other assets less liabilities (0.17%)			233,238
TOTAL NET ASSETS (100.00%)			\$ 135,429,995



For the Periods Ended June 30, 2022 and 2021

#### A. ETF INFORMATION (NOTE 1)

The following table lists specific information about the ETF, the tickers under which the Cdn\$ Shares and US\$ Shares (if applicable), as described in note 1, trade on the Toronto Stock Exchange (the "TSX"), the functional and presentation currency of the ETF in either Canadian ("CAD") or U.S. ("USD") dollars, and the effective start of operations of the ETF.

ETF Name	TSX Ticker(s)	Reporting Currency	Effective Start of Operations
Horizons ReSolve Adaptive Asset Allocation ETF	HRAA	CAD	July 29, 2020

#### **Investment Objective**

HRAA's investment objective is to seek long-term capital appreciation by investing, directly or indirectly, in major global asset classes including but not limited to equity indexes, fixed income indexes, interest rates, commodities and currencies.

#### **B. FINANCIAL INSTRUMENTS RISK (NOTE 5)**

#### (a) Market risks

#### (i) Currency risk

The following tables indicate the foreign currencies to which the ETF had significant exposure as at June 30, 2022, and December 31, 2021, in Canadian dollar terms and the potential impact on the ETF's net assets (including the underlying principal amount of future or forward currency contracts, if any), as a result of a 1% change in these currencies relative to the Canadian dollar:

June 30, 2022	Financial Instruments	Currency Forward and/ or Futures Contracts	Total	Impact on Net Asset Value
Currency	(\$000's)	(\$000's)	(\$000's)	(\$000's)
Australian Dollar	(94)	-	(94)	(1)
British Pound	165	-	165	2
Euro Currency	(187)	-	(187)	(2)
Hong Kong Dollar	(31)	-	(31)	_
Japanese Yen	(48)	-	(48)	_
U.S. Dollar	(1,270)	-	(1,270)	(13)
Total	(1,465)	-	(1,465)	(14)
As % of Net Asset Value	-1.1%	0.0%	-1.1%	0.0%



For the Periods Ended June 30, 2022 and 2021

December 31, 2021	Financial Instruments	Currency Forward and/ or Futures Contracts	Total	Impact on Net Asset Value
Currency	(\$000's)	(\$000's)	(\$000's)	(\$000's)
Australian Dollar	5	_	5	_
British Pound	(37)	-	(37)	_
Euro Currency	(120)	-	(120)	(1)
Hong Kong Dollar	(19)	-	(19)	_
U.S. Dollar	(89)	-	(89)	(1)
Total	(260)	_	(260)	(2)
As % of Net Asset Value	-0.2%	0.0%	-0.2%	0.0%

#### (ii) Interest rate risk

As at June 30, 2022, and December 31, 2021, the ETF did not hold any long-term debt instruments and did not have any exposure to interest rate risk.

#### (iii) Market price risk

The table below shows the estimated impact on the ETF of a 1% increase or decrease in a broad-based market index, based on historical correlation, with all other factors remaining constant, as at the dates shown. In practice, actual results may differ from this sensitivity analysis and the difference could be material.

Comparative Index	June 30, 2022	December 31, 2021
S&P Global Low Volatility Index	\$550,008	\$350,168

#### (b) Credit risk

As at June 30, 2022, and December 31 2021, due to the nature of its portfolio investments, the ETF did not have any material credit risk exposure.



For the Periods Ended June 30, 2022 and 2021

#### C. FAIR VALUE MEASUREMENT (NOTE 6)

The following is a summary of the inputs used as at June 30, 2022, and December 31, 2021, in valuing the ETF's investments and derivatives carried at fair values:

	June 30, 2022			De	cember 31, 20	21
	Level 1 (\$)	Level 2 (\$)	Level 3 (\$)	Level 1 (\$)	Level 2 (\$)	Level 3 (\$)
Financial Assets						
Futures	2,581,744	_	-	1,027,625	_	_
Total Financial Assets	2,581,744	_	-	1,027,625	_	_
Financial Liabilities						
Futures	(3,932,104)	_	-	(530,434)	_	_
Total Financial Liabilities	(3,932,104)	-	-	(530,434)	-	-
Net Financial Assets and Liabilities	(1,350,360)	_	_	497,191	_	_

There were no significant transfers made between Levels 1 and 2 as a result of changes in the availability of quoted market prices or observable market inputs during the year or period shown. In addition, there were no investments or transactions classified in Level 3 for the period ended June 30, 2022, and for the year ended December 31, 2021.

#### D. SECURITIES LENDING (NOTE 7)

The aggregate closing market value of securities loaned and collateral received as at June 30, 2022, and December 31, 2021, was as follows:

As at	Securities Loaned	Collateral Received
June 30, 2022	\$34,967,905	\$36,904,607
December 31, 2021	-	-

Collateral may comprise, but is not limited to, cash and obligations of or guaranteed by the Government of Canada or a province thereof; by the United States government or its agencies; by some sovereign states; by permitted supranational agencies; and short-term debt of Canadian financial institutions, if, in each case, the evidence of indebtedness has a designated rating as defined by NI 81-102.



For the Periods Ended June 30, 2022 and 2021

The table below presents a reconciliation of the securities lending income as presented in the statements of comprehensive income for the periods ended June 30, 2022 and 2021. It shows the gross amount of securities lending revenues generated from the securities lending transactions of the ETF, less any taxes withheld and amounts earned by parties entitled to receive payments out of the gross amount as part of any securities lending agreements.

		% of Gross		% of Gross
For the periods ended	June 30, 2022	Income	June 30, 2021	Income
Gross securities lending income	\$2,395		\$25,373	
Lending Agents' fees:				
Canadian Imperial Bank of Commerce	(958)	40.00%	(10,149)	40.00%
Net securities lending income paid to the ETF	\$1,437	60.00%	\$15,224	60.00%

#### E. REDEEMABLE SHARES (NOTE 8)

For the periods ended June 30, 2022 and 2021, the number of ETF Shares issued by subscription, the number of ETF Shares redeemed, the total and average number of ETF Shares outstanding was as follows:

Period	Beginning Units Outstanding	Units Issued	Units Redeemed	Ending Units Outstanding	Average Units Outstanding
2022	6,553,129	5,275,000	(575,000)	11,253,129	8,285,449
2021	7,025,901	_	(1,350,000)	5,675,901	6,353,387

#### F. BROKER COMMISSIONS, SOFT DOLLARS AND RELATED PARTY TRANSACTIONS (NOTE 10)

Brokerage commissions paid to dealers in connection with investment portfolio transactions, soft dollar transactions incurred and amounts paid to related parties of the Manager, if any, for the periods ended June 30, 2022 and 2021, were as follow:

Period Ended	Brokerage Commissions Paid	Soft Dollar Transactions	Amount Paid to Related Parties
June 30, 2022	\$120,921	\$nil	\$nil
June 30, 2021	\$110,238	\$nil	\$nil

#### **G. OFFSETTING OF FINANCIAL INSTRUMENTS (NOTE 13)**

As at June 30, 2022, and December 31, 2021, the ETF did not have any financial instruments eligible for offsetting.



For the Periods Ended June 30, 2022 and 2021

#### H. INTERESTS IN SUBSIDIARIES, ASSOCIATES AND UNCONSOLIDATED STRUCTURED ENTITIES (NOTE 14)

As at June 30, 2022, and December 31, 2021, the ETF had material investments in the subsidiaries (Sub), associates (Assc) and unconsolidated structured entities (SE) listed below:

Investee ETF as at June 30, 2022	Place of Business	Туре	Ownership %	Carrying Amount
Horizons Cash Maximizer ETF	Canada	SE	3.55%	\$73,222,108

Investee ETF as at December 31, 2021	Place of Business	Туре	Ownership %	Carrying Amount
Horizons Cash Maximizer ETF	Canada	SE	4.00%	\$60,855,000



#### Notes to Consolidated Financial Statements (unaudited)

For the Periods Ended June 30, 2022 and 2021

#### 1. REPORTING ENTITY

Horizons ETF Corp. (the "Company") is a mutual fund corporation established on October 10, 2019, under the federal laws of Canada. The authorized capital of the Company includes an unlimited number of non-cumulative, redeemable, non-voting classes of shares (each, a "Corporate Class" or "ETF"), issuable in an unlimited number of series, and one class of voting shares designated as "Class J Shares". Each Corporate Class is a separate investment fund having specific investment objectives and is specifically referable to a separate portfolio of investments. These consolidated financial statements (the "financial statements") as at June 30, 2022, and December 31, 2021, and for the periods ended June 30, 2022 and 2021, comprise the Company and its wholly-owned entities and are presented on the basis outlined below. ETF-specific information and the investment objectives for each ETF in the Company are disclosed in the ETF-specific notes information to the consolidated financial statements of each ETF. Each ETF is a separate Corporate Class and currently consists of a single series of exchange traded fund shares ("ETF Shares") of the applicable Corporate Class of the Company.

Each ETF is offered for sale on a continuous basis by the Company's prospectus in ETF Shares which trade on the Toronto Stock Exchange ("TSX") in Canadian dollars ("Cdn\$ Shares") and, where applicable, in U.S. dollars ("US\$ Shares"). Subscriptions for US\$ Shares can be made in either U.S. or Canadian dollars. An investor may buy or sell shares of the ETF on the TSX through a registered broker or dealer in the province or territory where the investor resides. Investors are able to trade shares of the ETF in the same way as other securities traded on the TSX, including by using market orders and limit orders and may incur customary brokerage commissions when buying or selling shares.

Horizons ETFs Management (Canada) Inc. ("Horizons Management" or the "Manager" or the "Investment Manager") is the manager and investment manager of the Company and of each Corporate Class. The Investment Manager is responsible for implementing each ETF's investment strategies. The address of the Company's registered office is: c/o Horizons ETFs Management (Canada) Inc., 55 University Avenue, Suite 800, Toronto, Ontario, M5J 2H7.

#### **Investment Objective**

The purpose of each ETF is to invest the net assets attributable to that ETF in accordance with its investment objectives, as defined in the Company's prospectus. The investment objective for each ETF is set out in note A in the ETF-specific notes information.

#### 2. BASIS OF PREPARATION

#### (i) Statement of compliance

The ETF's financial statements have been prepared in accordance with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board. Any mention of total net assets, net assets value or increase (decrease) in net assets is referring to net assets or increase (decrease) in net assets attributable to holders of redeemable shares as reported under IFRS.

These financial statements were authorized for issue on August 12, 2022, by the Board of Directors of the Company.

#### (ii) Basis of measurement

The financial statements have been prepared on the historical cost basis except for financial instruments at fair value though profit or loss, which are measured at fair value.



For the Periods Ended June 30, 2022 and 2021

#### 3. SIGNIFICANT ACCOUNTING POLICIES

The accounting policies set out below have been applied consistently to all periods presented in these financial statements.

#### (a) Financial instruments

#### (i) Recognition, initial measurement and classification

The ETF is subject to IFRS 9, Financial Instruments ("IFRS 9") for the classification and measurement requirements for financial instruments, including impairment of financial assets and hedge accounting.

IFRS 9 requires financial assets to be classified based on the ETF's business model for managing the financial assets and contractual cash flow characteristics of the financial assets. The standard includes three principal classification categories for financial assets: measured at amortized cost, fair value through other comprehensive income, and fair value through profit or loss ("FVTPL"). IFRS 9 requires classification of debt instruments, if any, based solely on payment of principal and interest, and business model tests.

The ETF's financial assets and financial liabilities are managed and its performance is evaluated on a fair value basis. The contractual cash flows of the ETF's debt securities, if any, consist solely of principal and interest, however, these securities are neither held in held-to-collect, or held-to-collect-and-sell business models in IFRS 9.

Financial assets and financial liabilities at FVTPL are initially recognized on the trade date, at fair value (see below), with transaction costs recognized in the statements of comprehensive income. Other financial assets and financial liabilities are recognized on the date on which they are originated at fair value.

The ETF classifies financial assets and financial liabilities into the following categories:

- · Financial assets mandatorily classified at FVTPL: debt securities, equity investments and derivative financial instruments
- · Financial assets at amortized cost: all other financial assets
- Financial liabilities classified at FVTPL: derivative financial instruments and securities sold short, if any
- · Financial liabilities at amortized cost: all other financial liabilities

#### (ii) Fair value measurement

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date in the principal or, in its absence, the most advantageous market to which the ETF has access at that date. The fair value of a liability reflects its non-performance risk.

Investments are valued at fair value as of the close of business on each valuation date, as defined in the ETF's prospectus ("Valuation Date") and based on external pricing sources to the extent possible. Investments held that are traded in an active market through recognized public stock exchanges, over-the-counter markets, or through recognized investment dealers, are valued at their closing sale price. However, such prices may be adjusted if a more accurate value can be obtained from recent trading activity or by incorporating other relevant information that may not have been reflected in pricing obtained from external sources. Short-term investments, including notes and money market instruments, are valued at amortized cost which approximates fair value.



For the Periods Ended June 30, 2022 and 2021

Investments held that are not traded in an active market, including some derivative financial instruments, are valued using observable market inputs where possible, on such basis and in such manner as established by the Manager. Derivative financial instruments are recorded in the statements of financial position according to the gain or loss that would be realized if the contracts were closed out on the Valuation Date. Margin deposits, if any, are included in the schedule of investments as margin deposits. See also the summary of fair value measurements in note 6.

Fair value policies used for financial reporting purposes are the same as those used to measure the net asset value ("NAV") for transactions with shareholders.

The fair value of other financial assets and liabilities approximates their carrying values due to the short-term nature of these instruments.

#### (iii) Offsetting

Financial assets and liabilities are offset and the net amount presented in the statements of financial position when there is a legally enforceable right to offset the recognized amounts and there is an intention to settle on a net basis, or to realize the asset and settle the liability simultaneously.

Income and expenses are presented on a net basis for gains and losses from financial instruments at FVTPL and foreign exchange gains and losses.

#### (iv) Specific instruments

#### Cash

Cash consists of cash on deposit.

#### **Redeemable shares**

The Company has made significant judgments when determining the classification of each ETF's redeemable securities as financial liabilities in accordance with IAS 32 – Financial Instruments – Presentation ("IAS 32").

Each ETF's redeemable shares are classes in the Company. The classes will not participate pro rata in the residual net assets of the Company in the event of the Company's liquidation and they do not have identical features. Consequently, each ETF's outstanding redeemable shares are classified as financial liabilities in accordance with the requirements of IAS 32.

#### **Futures contracts**

Futures contracts are valued at the current market value thereof on the Valuation Date. The value of these futures contracts is the gain or loss that would be realized if, on the Valuation Date, the positions were to be closed out and recorded as derivative assets and/or liabilities in the statements of financial position and as a net change in unrealized appreciation (depreciation) of investments and derivatives in the statements of comprehensive income.

When the futures contracts are closed out or mature, realized gains or losses on futures contracts are recognized and are included in the statements of comprehensive income in net realized gain (loss) on sale of investments and derivatives.



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#### **Derivative agreements**

In order to achieve its investment objective, the ETF may enter into derivative agreements (the "Derivative Agreements") with one or more bank counterparties (each a "Counterparty"). The value of these derivative agreements is the gain or loss that would be realized if, on the Valuation Date, the agreements were to be closed out. That value is recorded as a derivative asset and/or derivative liability in the statements of financial position and included in the net change in unrealized appreciation (depreciation) of investments and derivatives in the statements of comprehensive income.

When these derivative contracts are closed out or mature, realized gains or losses on the derivative agreements are recognized and are included in the statements of comprehensive income in net realized gain (loss) on sale of investments and derivatives.

#### (b) Investment income

Investment transactions are accounted for as of the trade date. Realized gains and losses from investment transactions are calculated on a weighted average cost basis. The difference between fair value and average cost, as recorded in the financial statements, is included in the statements of comprehensive income as part of the net change in unrealized appreciation (depreciation) of investments and derivatives. Interest income for distribution purposes from investments in bonds and short-term investments, if any, represents the coupon interest received by the ETF accounted for on an accrual basis. Dividend income, if any, is recognized on the ex-dividend date. Distribution income from investments in other funds or ETFs, if any, is recognized when earned.

Income from derivatives is shown in the statements of comprehensive income as net realized gain (loss) on sale of investments and derivatives; net change in unrealized appreciation (depreciation) of investments and derivatives; and, interest income for distribution purposes, in accordance with its nature.

Income from securities lending, if any, is included in "Securities lending income" on the statements of comprehensive income and is recognized when earned. Any securities on loan continue to be displayed in the schedule of investments and the market value of the securities loaned and collateral held is determined daily (see note 7).

If the ETF incurs withholding taxes imposed by certain countries on investment income and capital gains, such income and gains are recorded on a gross basis and the related withholding taxes are shown as a separate expense in the statements of comprehensive income.

#### (c) Foreign currency

Transactions in foreign currencies, if any, are translated into the ETF's reporting currency using the exchange rate prevailing on the trade date. Monetary assets and liabilities denominated in foreign currencies at the reporting date are translated at the period-end exchange rate. Foreign exchange gains and losses, if any, are presented as "Net realized gain (loss) on foreign exchange", except for those arising from financial instruments at fair value through profit or loss, which are recognized as a component within "Net realized gain (loss) on sale of investments and derivatives" and "Net change in unrealized appreciation (depreciation) of investments and derivatives" in the statements of comprehensive income.

#### (d) Cost basis

The cost of portfolio investments is determined on an average cost basis.



For the Periods Ended June 30, 2022 and 2021

#### (e) Increase (decrease) in net assets attributable to holders of redeemable shares per share

The increase (decrease) in net assets per share in the statements of comprehensive income represents the change in net assets attributable to holders of redeemable shares from operations divided by the weighted average number of shares of the ETF outstanding during the reporting period.

#### (f) Shareholder transactions

The value at which shares of the ETF are issued or redeemed is determined by dividing the net asset value of the ETF by the total number of shares outstanding of the ETF on the applicable Valuation Date. Amounts received on the issuance of shares and amounts paid on the redemption of shares are included in the statements of changes in financial position. Orders for subscriptions or redemptions are only permissible on valid trading days, as defined in the ETF's prospectus.

#### (g) Amounts receivable (payable) relating to portfolio assets sold (purchased)

In accordance with the ETF's policy of trade date accounting for sale and purchase transactions, sales/purchase transactions awaiting settlement represent amounts receivable/payable for securities sold/purchased, but not yet settled as at the reporting date.

#### (h) Net assets attributable to holders of redeemable shares per share

Net assets attributable to holders of redeemable shares per share is calculated by dividing the ETF's net assets attributable to holders of redeemable shares by the number of shares of the ETF outstanding on the Valuation Date.

#### (i) Transaction costs

Transaction costs are incremental costs that are directly attributable to the acquisition, issue or disposal of an investment, which include fees and commissions paid to agents, advisors, brokers and dealers, fees incurred in conjunction with the ETF's derivative agreements, levies by regulatory agencies and securities exchanges, and any applicable transfer taxes and duties. Transaction costs are expensed and are included in "Transaction costs" in the statements of comprehensive income.

#### 4. CRITICAL ACCOUNTING ESTIMATES AND JUDGEMENTS

In preparing these financial statements, the Manager has made judgements, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to estimates are recognized prospectively.

The ETF may hold financial instruments that are not quoted in active markets, including derivatives. The determination of the fair value of these instruments is the area with the most significant accounting judgements and estimates that the ETF has made in preparing the financial statements. See note 6 for more information on the fair value measurement of the ETF's financial instruments.



For the Periods Ended June 30, 2022 and 2021

#### 5. FINANCIAL INSTRUMENTS RISK

In the normal course of business, the ETF's investment activities expose it to a variety of financial risks. The Manager seeks to minimize potential adverse effects of these risks for the ETF's performance by employing professional, experienced portfolio advisors, by daily monitoring of the ETF's positions and market events, and periodically may use derivatives to hedge certain risk exposures. To assist in managing risks, the Manager maintains a governance structure that oversees the ETF's investment activities and monitors compliance with the ETF's stated investment strategies, internal guidelines and securities regulations.

Please refer to the Company's most recent prospectus for a complete discussion of the risks attributed to an investment in the shares of the ETF. Significant financial instrument risks that are relevant to the ETF are discussed below and an analysis thereof is included in note B of the ETF-specific notes information.

#### (a) Market risks

Market risk is the risk that changes in market prices, such as interest rates, equity prices, foreign exchange rates and credit spreads (not relating to changes in the obligor's/issuer's credit standing) will affect the ETF's income or the fair value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimizing the return.

#### (i) Currency risk

Currency risk is the risk that financial instruments which are denominated in currencies other than the ETF's reporting currency will fluctuate due to changes in exchange rates and adversely impact the ETF's income, cash flows or fair values of its investment holdings.

#### (ii) Interest rate risk

The ETF may be exposed to the risk that the fair value of future cash flows of its financial instruments will fluctuate as a result of changes in market interest rates. In general, the value of interest-bearing financial instruments will rise if interest rates fall, and conversely, will generally fall if interest rates rise. There is minimal sensitivity to interest rate fluctuation on cash and cash equivalents invested at short-term market rates since those securities are usually held to maturity and are short term in nature.

#### (iii) Market price risk

Other market price risk is the risk that the value of financial instruments will fluctuate as a result of changes in market prices (other than those arising from interest rate risk or currency risk), whether caused by factors specific to an individual investment, its issuer, or all factors affecting all instruments traded in a market or market segment.

The ETF is subject to other market risks that will affect the value of its investments, including general economic and market conditions, as well as developments that impact specific economic sectors, industries or companies. The ETF will normally lose value on days when the securities comprising the Underlying Index declines. The ETF intends to remain fully invested regardless of market conditions.



For the Periods Ended June 30, 2022 and 2021

#### (b) Credit risk

Credit risk on financial instruments is the risk of a financial loss occurring as a result of the default of a counterparty on its obligation to the ETF. It arises principally from debt securities held, and also from derivative financial assets, cash and cash equivalents, and other receivables.

The ETF's maximum credit risk exposure as at the reporting date is represented by the respective carrying amounts of the financial assets in the statements of financial position, including any positive mark-to-market of the ETF's Derivative Agreement(s). This amount is included in "Derivative assets" (if any) in the statements of financial position. The credit risk related to any one Derivative Agreement is concentrated in the Counterparty to that particular Derivative Agreement.

Credit risk is managed by dealing with counterparties the Manager believes to be creditworthy and which meet the designated rating requirements of National Instrument 81-102 ("NI 81-102").

#### (c) Liquidity risk

Liquidity risk is the risk that the ETF will encounter difficulty in meeting the obligations associated with its financial liabilities that are settled by delivering cash or another financial asset. The ETF's policy and the Investment Manager's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities when due, under both normal and stress conditions, including estimated redemptions of shares, without incurring unacceptable losses or risking damage to the ETF's reputation. Generally, liabilities of the ETF are due within 90 days. Liquidity risk is managed by investing the majority of the ETF's assets in investments that are traded in an active market and can be readily disposed. The ETF aims to retain sufficient cash and cash equivalent positions to maintain liquidity; therefore, the liquidity risk for the ETF is considered minimal.

#### 6. FAIR VALUE MEASUREMENT

IFRS 13, Fair Value Measurement ("IFRS 13") requires a classification of fair value measurements of the ETF's investments based on a three level fair value hierarchy and a reconciliation of transactions and transfers within that hierarchy. The hierarchy of fair valuation inputs is summarized as follows:

- Level 1: securities that are valued based on quoted prices in active markets.
- Level 2: securities that are valued based on inputs other than quoted prices that are observable, either directly as
  prices, or indirectly as derived from prices.
- Level 3: securities that are valued with significant unobservable market data.

Changes in valuation methods may result in transfers into or out of an investment's assigned level. The fair value hierarchy classification of the ETF's assets and liabilities and additional disclosures relating to transfers between levels is included in note C in the ETF-specific notes information.

#### 7. SECURITIES LENDING

In order to generate additional returns, the ETF is authorized to enter into securities lending agreements with borrowers deemed acceptable in accordance with NI 81-102. Under a securities lending agreement, the borrower must pay the ETF a negotiated securities lending fee, provide compensation to the ETF equal to any distributions received by the borrower on the securities borrowed, and the ETF must receive an acceptable form of collateral in excess of the value of the securities loaned. Although such collateral is marked to market, the ETF may be exposed to the risk of loss should a



For the Periods Ended June 30, 2022 and 2021

borrower default on its obligations to return the borrowed securities and the collateral is insufficient to reconstitute the portfolio of loaned securities. Revenue, if any, earned on securities lending transactions during the period is disclosed in the ETF's statements of comprehensive income.

The aggregate closing market value of securities loaned and collateral received, if any, as at June 30, 2022, and December 31, 2021, and a reconciliation of the securities lending income for the periods ended June 30, 2022 and 2021, if any, as presented in the statements of comprehensive income are presented in note D of the ETF-specific notes information.

#### 8. LEVERAGE

The aggregate market exposure of all instruments held directly or indirectly by HRAA, calculated daily on a mark-to-market basis, can exceed HRAA's net asset value, and can exceed the amount of cash and securities held as margin on deposit to support the derivatives trading activities of the ETF. Under normal market conditions, the maximum amount of leverage used, directly or indirectly, by the ETF, expressed as a ratio of total underlying notional value of the securities and/or financial derivative positions of HRAA divided by the net assets of the ETF (the "Leverage Ratio"), will generally not exceed 3:1.

The following table discloses the minimum and maximum leverage levels for the ETF for the period ended June 30, 2022 and for the year ended December 31, 2021; the ETF's leverage at the end of the reporting period; and, approximately what that leverage represents as a percentage of the ETF's net assets.

Period/Year Ended	Minimum Leverage	Maximum Leverage	Leverage a end of Reporting Period	Approximate Percentage of Net Assets
June 30, 2022	0.82:1	2.16:1	1.58:1	158%
December 31, 2021	1.14:1	2.91:1	1.16:1	116%

#### 9. REDEEMABLE SHARES

The authorized capital of the Company includes an unlimited number of non-cumulative, redeemable, non-voting Corporate Classes, issuable in an unlimited number of series, including the ETF Shares, and one class of voting shares designated as "Class J Shares". Each Corporate Class is a separate investment fund having specific investment objectives and is specifically referable to a separate portfolio of investments. Each ETF of the Company is a separate Corporate Class.

Each ETF Share entitles the owner to one vote at meetings of shareholders of the applicable Corporate Class to which they are entitled to vote. Each shareholder is entitled to participate equally with all other shares of the same Corporate Class or series of Corporate Class with respect to all payments made to shareholders, other than management fee rebates, including dividends and distributions and, on liquidation, to participate equally in the net assets of the applicable Corporate Class remaining after satisfaction of any outstanding liabilities that are attributable to ETF Shares of the Corporate Class.

The redeemable shares issued by the ETF provide an investor with the right to require redemption for cash at a value proportionate to the investor's share in the ETF's net assets at each redemption date. The ETF's objectives in managing the redeemable shares are to meet the ETF's investment objective, and to manage liquidity risk arising from redemptions. The ETF's liquidity risk arising from redeemable shares is discussed in note 5.



For the Periods Ended June 30, 2022 and 2021

On any valid trading day, as defined in the ETF's prospectus, shareholders of the ETF may redeem: (i) ETF Shares for cash at a redemption price per ETF Share equal to 95% of the closing price for the ETF Shares in the applicable currency on the TSX on the effective day of the redemption, subject to a maximum redemption price per ETF Share equal to the net asset value per ETF Share on the effective day of redemption; or (ii) at the sole discretion of the Manager, a prescribed number of shares ("PNS") or a whole multiple PNS for cash in the applicable currency equal to the net asset value of that number of ETF Shares in such currency next determined following the receipt of the redemption request, less any applicable redemption charge as determined by the Manager in its sole discretion; or (iii) at the sole discretion of the Manager, a PNS or a whole multiple PNS in exchange for securities and cash in the applicable currency equal to the net asset value of that number of ETF Shares in such currency following the receipt of the redemption request, provided that a securities redemption may be subject to redemption charges at the sole discretion of the Manager.

Shares of the ETF are issued or redeemed on a daily basis at the net asset value per share that is determined as at 4:00 p.m. (Eastern Time) each business day.

If, in any taxation year, the Company would otherwise be liable for tax on net realized capital gains, the Company intends to pay, to the extent possible, by the last day of that year, a special capital gains dividend to ensure that the Company will not be liable for income tax on such amounts under the Tax Act (after taking into account all available deductions, credits and refunds). Such distributions may be paid in the form of ETF Shares of the relevant ETF and/or cash which is automatically reinvested in ETF Shares of the relevant ETF. Any such distributions payable in ETF Shares or reinvested in ETF Shares of that ETF. Immediately following payment of such a special distribution in ETF Shares or reinvestment in ETF Shares, the number of ETF Shares of that ETF outstanding will be automatically consolidated such that the number of ETF Shares of that ETF outstanding immediately prior to such distribution, except where there are non-resident shareholders to the extent tax is required to be withheld in respect of the distribution.

Please consult the ETF's most recent prospectus for a full description of the subscription and redemption features of the ETF Shares.

A summary table of the number of shares issued by subscription, the number of shares redeemed, the total and average number of shares outstanding during the relevant reporting periods is disclosed in note E of the ETF-specific notes information.

#### 10. EXPENSES AND OTHER RELATED PARTY TRANSACTIONS

#### **Management fees**

The Manager provides, or oversees the provision of, administrative services required by the ETF including, but not limited to: negotiating contracts with certain third-party service providers, such as portfolio managers, custodians, registrars, transfer agents, auditors and printers; authorizing the payment of operating expenses incurred on behalf of the ETF; arranging for the maintenance of accounting records for the ETF; preparing reports to shareholders and to the applicable securities regulatory authorities; calculating the amount and determining the frequency of distributions by the ETF; preparing financial statements, income tax returns and financial and accounting information as required by the ETF; ensuring that shareholders are provided with financial statements and other reports as are required from time to time by applicable law; ensuring that the ETF complies with all other regulatory requirements, including the continuous disclosure obliga¬tions of the ETF under applicable securities laws; administering purchases, redemptions and other transactions in shares of the ETF; and dealing and communicating with shareholders of the ETF. The Manager provides office facilities and personnel to carry out these services, if not otherwise furnished by any other service provider to the



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ETF. The Manager also monitors the investment strategies of the ETF to ensure that the ETF complies with its investment objectives, investment strategies and investment restrictions and practices.

In consideration for the provision of these services, the Manager receives a monthly management fee at the annual rate of 0.85%, plus applicable sales taxes, of the net asset value of the ETF's shares, calculated and accrued daily and payable monthly in arrears.

The Sub-Advisor is compensated for its services out of the management fees without any further cost to the ETF. Any expenses of the ETF which are waived or absorbed by the Manager are paid out of the management fees received by the Manager.

#### Other expenses

Unless otherwise waived or reimbursed by the Manager, the ETF pays all of its operating expenses, including but not limited to: audit fees; trustee and custodial expenses; valuation, accounting and record keeping costs; legal expenses; permitted prospectus preparation and filing expenses; costs associated with delivering documents to unitholders; listing and annual stock exchange fees; index licensing fees, if applicable; fees payable to CDS Clearing and Depository Services Inc.; bank related fees and interest charges; extraordinary expenses; unitholder reports and servicing costs; registrar and transfer agent fees; costs associated with the Independent Review Committee; income taxes; sales taxes; brokerage expenses and commissions; and withholding taxes.

The Manager, at its discretion, may waive and/or absorb a portion of the fees and/or expenses otherwise payable by the ETF. The waiving and/or absorption of such fees and/or expenses by the Manager may be terminated at any time, or con¬tinued indefinitely, at the discretion of the Manager.

#### **Performance Fees**

The ETF shall pay to the Manager a Performance Fee, if any, equal to 15% of the amount by which the performance of the ETF, at any date on which the Performance Fee is payable, (i) exceeds the greater of: (a) the initial net asset value per ETF Share; and (b) the highest net asset value per ETF Share previously utilized for the purposes of calculating a Performance Fee that was paid (the "High Water Mark") and (ii) is greater than an annualized return of 3%.

The Performance Fee shall be calculated and accrued daily and shall be payable at least quarterly in arrears on dates determined by the Manager, together with applicable taxes. The ETF accrued \$1,051,188 in performance fees for the period ended June 30, 2022 (2021 - \$455,341), and is disclosed in the statement of comprehensive income. Performance fees payable to the Manager as at June 30, 2022, were \$300,029 (December 31, 2021 - \$117,612) and are included in accrued operating expenses on the statements of financial position, where applicable.

#### 11. BROKER COMMISSIONS, SOFT DOLLARS AND RELATED PARTY TRANSACTIONS

Brokerage commissions paid on securities transactions may include amounts paid to related parties of the Manager for brokerage services provided to the ETF.

Research and system usage related services received in return for commissions generated with specific dealers are generally referred to as soft dollars.



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In addition to the information contained in note F of the ETF-specific notes information, the management fees paid to the Manager described in note 9 are related party transactions, as the Manager is considered to be a related party to the ETF. The management fees payable by the ETF as at June 30, 2022, and December 31, 2021, are disclosed in the statements of financial position.

Fees paid to the Independent Review Committee are also considered to be related party transactions. Both the management fees and fees paid to the Independent Review Committee are disclosed in the statements of comprehensive income.

The ETF may invest in other ETFs managed by the Manager or its affiliates, in accordance with the ETF's investment objectives and strategies. Such investments, if any, are disclosed in the schedule of investments.

#### 12. COLLATERAL WITH FUTURES COMMISSION MERCHANTS

The ETF may maintain accounts with Futures Commission Merchants ("FCMs") to conduct futures trading activities. The futures trading activities, where applicable, are typically, but not limited to, fixed income and currency futures for the purposes of hedging. The FCMs require the maintenance of minimum margin deposits. These requirements are met by the collateral from the ETF held at the FCMs. Collateral held with FCMs is included as part of "Margin deposits" in the statements of financial position. The collateral held with FCMs as at June 30, 2022 and December 31, 2021 is as follows:

As at	Collateral Held With FCMs
June 30, 2022	\$15,995,902
December 31, 2021	\$10,433,022

#### 13. INCOME TAX

The Company qualifies and intends at all relevant times to qualify as a "mutual fund corporation" as defined in the Tax Act. Although the Company may issue any number of classes, in any number of series, it will be required (like any other mutual fund corporation with a multi-class structure) to compute its income and net capital gains for tax purposes as a single entity. All of the Company's revenues, deductible expenses, non-capital losses, capital gains and capital losses in connection with all of its investment portfolios, and other items relevant to its tax position (including the tax attributes of all of its assets), will be taken into account in determining the income (and taxable income) or loss of the Company and applicable taxes payable by the Company as a whole.

As a mutual fund corporation, the Company is entitled, in certain circumstances, to a refund of tax paid by it in respect of its net realized capital gains determined on a formula basis that is based in part on the redemption of the ETF Shares. Also, as a mutual fund corporation, the Company will be entitled to maintain a capital gains dividend account in respect of its net realized capital gains and from which it may elect to pay dividends which are treated as capital gains in the hands of shareholders.

To the extent that the Company earns net income (other than dividends from taxable Canadian corporations and certain taxable capital gains and after available deductions), including in respect of derivative transactions, interest and income paid or made payable to it by a trust resident in Canada, the Company will be subject to income tax on such net income and no refund will be available in respect thereof.



For the Periods Ended June 30, 2022 and 2021

The Company may, at its option, pay special year-end dividends to shareholders in the form of a capital gains dividend where the Company has net taxable capital gains upon which it would otherwise be subject to tax, or in order to recover refundable tax not otherwise recoverable upon payment of regular cash distributions.

The Company will establish a policy to determine how it will allocate income and capital gains in a tax-efficient manner among its Corporate Classes in a way that it believes is fair, consistent and reasonable for all shareholders. The amount of dividends, if any, paid to shareholders will be based on this tax allocation policy, which will be approved by the Company's board of directors.

#### 14. TAX LOSSES CARRIED FORWARD

Where the Company has realized a net capital loss in a taxation year, such capital loss cannot be allocated to shareholders but the Company may carry such capital loss back three years or forward indefinitely to offset capital gains realized by the Company. Non-capital losses incurred by the Company in a taxation year cannot be allocated to shareholders of the Company, but may be carried back three years or carried forward twenty years to offset income (including taxable capital gains).

As at December 31, 2021, the Company and its wholly-owned entities had net capital losses and/or non-capital losses, with the year of expiry of the non-capital losses as follows:

Net Capital Losses	Non-Capital Losses	Year of Expiry of the Non-Capital Losses
\$1,326,394,679	\$126,121	2028
	\$1,961,149	2029
	\$5,668,871	2030
	\$3,237,571	2031
	\$3,138,653	2032
	\$153,021,428	2033
	\$230,454,838	2034
	\$447,405,094	2035
	\$74,326,117	2036
	\$266,066,173	2037
	\$118,767,474	2038
	\$191,271,535	2039
	\$1,903,168,633	2040

#### 15. OFFSETTING OF FINANCIAL INSTRUMENTS

In the normal course of business, the ETF may enter into various master netting arrangements or other similar agreements that do not meet the criteria for offsetting in the statements of financial position but still allow for the related amounts to be set off in certain circumstances, such as bankruptcy or termination of the contracts. Amounts eligible for offset, if any, are disclosed in note G of the ETF-specific notes information.



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#### 16. INTERESTS IN SUBSIDIARIES, ASSOCIATES AND UNCONSOLIDATED STRUCTURED ENTITIES

The ETF may invest in shares or units of other ETFs as part of its investment strategies ("Investee ETF(s)"). The nature and purpose of these Investee ETFs generally, is to manage assets on behalf of third party investors in accordance with their investment objectives, and are financed through the issue of share or units to investors.

In determining whether the ETF has control or significant influence over an Investee ETF, the ETF assesses voting rights, the exposure to variable returns, and its ability to use the voting rights to affect the amount of the returns. In instances where the ETF has control over an Investee ETF, the ETF qualifies as an investment entity under IFRS 10 – Consolidated Financial Statements, and therefore accounts for investments it controls at fair value through profit and loss. The ETF's primary purpose is defined by its investment objectives and uses the investment strategies available to it as defined in the ETF's prospectus to meet those objectives. The ETF also measures and evaluates the performance of any Investee ETFs on a fair value basis.

Investee ETFs over which the ETF has control or significant influence are categorized as subsidiaries and associates, respectively. All other Investee ETFs are categorized as unconsolidated structured entities. Investee ETFs may be managed by the Manager, its affiliates, or by third-party managers.

Investments in Investee ETFs are susceptible to market price risk arising from uncertainty about future values of those Investee ETFs. The maximum exposure to loss from interests in Investee ETFs is equal to the total fair value of the investment in those respective Investee ETFs at any given point in time. The fair value of Investee ETFs, if any, are disclosed in investments in the statements of financial position, listed in the schedule of investments, and further detailed in note H of the ETF-specific notes information.

Manager

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