

**GLOBAL X**

by Mirae Asset

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# GLOBAL X BIG DATA & HARDWARE INDEX ETF

(FORMERLY HORIZONS BIG DATA & HARDWARE INDEX ETF)

## (HBGD, HBGD.U:TSX)

INTERIM REPORT | JUNE 30, 2024

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## A Message from the CEO

We are only halfway into 2024 and this year has already proven to be one of the most important and monumental in our company's history.

After publicly announcing our intention earlier in March, we successfully completed our rebrand from Horizons ETFs into Global X Investments Canada Inc. ("**Global X**") on May 1<sup>st</sup>, 2024.

With investors like you in mind, our decision to rebrand was rooted in a desire to offer Canadians the best of both worlds: the strength, extended reach and global network of experts that come with the internationally recognized Global X brand, alongside the continued local expertise and support we offer for navigating the Canadian investment landscape.

As part of the Global X platform, we are a part of something bigger: more than \$100 billion of ETF assets under management worldwide, backed by our parent company, Mirae Asset, which has more than \$800 billion in assets across 19 countries and markets.

Meanwhile, our suite of ETFs – one of Canada's largest and longest-running – continues to trade under their original ticker symbols and mandates, while the Horizons branded fund names were updated to the Global X brand. Another decision made with our investors' interests at heart.

Through this year and beyond, we remain committed to helping Canadians navigate and harness the emerging trends shaping markets while delivering exceptional investment solutions and client experiences.

I am proud to highlight other successes that Global X has achieved so far this year, within our business and for our investors.

In June, Global X was recognized as the ETF Provider of the Year at the 2024 Wealth Professional Awards. The award recognizes the outstanding asset management firm that specializes in exchange-traded funds (ETFs) which consistently delivers superior advisor service while pushing the boundaries with innovation and industry best practices over the last 12 months. This recognition reflects our commitment to delivering high-quality investment solutions and underscores Global X's position as a Canadian ETF industry leader.

In May, we launched the largest number of funds in our company's history, with 17 new ETFs.

In partnership with the world's leading index providers, including Nasdaq, S&P and MSCI, we expanded our Equity Essentials suite – strategies that offer low-cost, benchmark exposure – with 15 new ETFs, including innovative covered call and light leverage overlays. Our expanded Equity Essentials suite is designed to empower Canadians to invest the way they want, whether they're looking for greater income potential, amplified growth potential, or both.

On the thematic side, new launches included mandates focused on the emerging AI revolution, through Global X Artificial Intelligence & Technology Index ETF ("**AIGO**") and to today's top global giants, through the Global X Innovative Bluechip Top 10 Index ETF ("**TTTX**").

There are many more exciting launches in store for 2024 and I am excited to share additional details with you soon.

At Global X, we embrace innovation in everything that we do. From our roots as one of Canada's first ETF providers to our proud legacy of launching first-of-their-kind investment products, we are driven by boldness, vision, and a commitment to exceptional quality and client experience.

Under our new brand, our new motto is "Innovation meets Investing". We are committed to being there, alongside you, to help you explore a world of investment possibility and global opportunity.

Thank you for your continued support.

Sincerely,



Rohit Mehta  
President & CEO of Global X Investments Canada Inc.

## MANAGEMENT REPORT OF FUND PERFORMANCE

This interim management report of fund performance for Global X Big Data & Hardware Index ETF (*formerly Horizons Big Data & Hardware Index ETF*) (“HBGD, HBGD.U” or the “ETF”) contains financial highlights and is included with the unaudited interim financial statements for the investment fund. You may request a copy of the ETF’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, from the ETF’s manager, Global X Investments Canada Inc. (“Global X” or the “Manager”), by calling toll free 1-866-641-5739, or locally (416) 933-5745, by writing to us at: 55 University Avenue, Suite 800, Toronto ON, M5J 2H7, or by visiting our website at [www.globalx.ca](http://www.globalx.ca) or SEDAR+ at [www.sedarplus.ca](http://www.sedarplus.ca).

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 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 Strategies

HBGD seeks to replicate, to the extent possible, the performance of the Solactive Big Data & Hardware Index (the “Underlying Index”, Bloomberg ticker: SOLBCTH), net of expenses. The Underlying Index tracks a portfolio of global companies focusing directly on data development, storage, and management-related services and solutions as well as hardware and hardware-related services used in data-intensive applications such as blockchain.

To achieve the ETF’s investment objective, the ETF invests and holds the equity securities of the constituent issuers of the Underlying Index (the “Constituent Issuers”) in substantially the same proportion as its Underlying Index. Although the ETF may provide exposure to cryptocurrency miners, cryptocurrency exchanges and other companies which may themselves have exposure to cryptocurrency miners, cryptocurrency exchanges and/or cryptocurrency, HBGD will not have direct exposure to crypto-assets and/or cryptocurrencies such as bitcoin or initial coin offerings, and HBGD will not be directly involved in cryptocurrency mining.

It is intended that HBGD will be fully invested in or exposed to the Underlying Index at all times. The majority of the value of the Underlying Index (and the net asset value of HBGD) will be invested in global companies focusing directly on data development, storage, and management-related services and solutions as well as hardware and hardware-related services used in data-intensive applications such as blockchain. HBGD will have substantial exposure to US-listed securities as well as securities listed in other foreign countries. Generally, HBGD seeks to hedge the U.S. dollar value of its portfolio to the Canadian dollar at all times.

## Management Discussion of Fund Performance (continued)

The Underlying Index takes a three tier approach, selecting one-third of its Constituent Issuers from companies focusing on the development of blockchain technologies (Industry Group 1), one-third from the semiconductor industry (Industry Group 2), which is at the heart of much of the hardware required for blockchain technology mining, and one-third from industries that directly supply other relevant hardware (e.g. memory and storage producers) or provide services increasingly important to large-scale mining on a commercial level (e.g. data center real estate investment trusts) (Industry Group 3).

Each Industry Group is intended to represent one-third of the weight of the Underlying Index, provided sufficient companies qualify in each industry group. Within each Industry Group, each individual Constituent Issuer is equally weighted, and initially capped at 5%. The Underlying Index is ordinarily rebalanced on a quarterly basis at the close of trading on the third Friday in each of January, April, July and October.

### 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. During the period, there were no changes to the ETF that materially affected the overall risk level associated with an investment in the ETF. The current risk rating for the ETF is: high.

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 an 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 risks and the full description of each risk to which an investment in the ETF is subject are disclosed in the ETF's most recent prospectus. The most recent prospectus is available at [www.globalx.ca](http://www.globalx.ca) or from [www.sedarplus.ca](http://www.sedarplus.ca), or by contacting Global X Investments Canada Inc. directly via the contact information on the back page of this document.

**Prospective investors should read the ETF's most recent prospectus and consider the full description of the risks contained therein before purchasing units.**

### Results of Operations

For the period ended June 30, 2024, Canadian dollar units ("Cdn\$ units") of the ETF returned 12.36%, when including distributions paid to unitholders. By comparison, the Underlying Index returned 12.75% for the same period in U.S. dollar terms. The ETF seeks to hedge the U.S. dollar value of its portfolio to the Canadian dollar at all times. Differences in performance between the ETF and the Underlying Index may arise due to expenses payable by the ETF, which include management fees plus applicable sales taxes; the foreign exchange rate differential between the rates used by the Underlying Index provider to calculate the value of the Underlying Index and the rates used by the ETF to value its portfolio securities; as well as the potential for tracking error arising from the physical index replication risk detailed in the ETF's prospectus.

The ETF's U.S. dollar units ("US\$ units") are not a separate class of units of the ETF, but rather, represent the U.S. dollar value of the Cdn\$ units at the current day's Canada/U.S. exchange rate. The returns to unitholders holding US\$ units would have been substantially similar to those of the unitholders holding Cdn\$ units when adjusted for the daily Canadian/U.S. dollar exchange rate.

## Management Discussion of Fund Performance (continued)

The ETF seeks to replicate, to the extent possible, the performance of the Solactive Big Data & Hardware Index (“the Index”), net of expenses. The Index tracks a portfolio of global companies focused on data development, storage and data management-related services and solutions, as well as hardware and hardware-related services used in data-intensive applications such as blockchain.

For the period ended June 30, 2024, the top performers in the Underlying Index were Super Micro Computer, Inc., Core Scientific, Inc., and NVIDIA Corporation, gaining 188.24%, 170.35% and 149.50%, respectively. The worst performers in the Underlying Index for the year were Argo Blockchain PLC, Weebit Nano Ltd, and Riot Platforms, Inc., returning -70.97%, -41.69%, and -40.92%, respectively.

Global X does not endeavour to predict market direction, changes that may occur in global fiscal and monetary policies, the effect of additional geopolitical concerns or other unforeseen crises.

Global X and the ETF are agnostic as to their impact on global equity, fixed income, currency and commodity markets generally, and the big data and hardware sectors specifically. They are only of concern to the ETF in so much as there is some minimal risk that could affect its ability to meet its investment objective. Please refer to the risk factors section in the ETF’s prospectus for more detailed information.

### ***Other Operating Items and Changes in Net Assets Attributable to Holders of Redeemable Units***

For the six-month period ended June 30, 2024, the ETF generated gross comprehensive income (loss) from investments and derivatives (which includes changes in the fair value of the ETF’s portfolio) of \$2,288,361. This compares to \$4,546,823 for the six-month period ended June 30, 2023. The ETF incurred management, operating and transaction expenses of \$129,171 (2023 – \$103,122) of which \$39,325 (2023 – \$44,183) 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 unitholders during the periods ended June 30, 2024 and 2023.

## **Presentation**

The attached financial statements have been prepared in accordance with IFRS Accounting 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 units as reported under IFRS.

## **Recent Developments**

Other than indicated below, there are no recent industry, management or ETF related developments that are pertinent to the present and future of the ETF.

### ***Name Change***

On March 6, 2024, Horizons ETFs Management (Canada) Inc., the investment manager of the ETF, announced that it will rebrand as Global X Investments Canada Inc., in May 2024. The name change is not expected to change any of the day-to-day operations of the ETF. The operations, personnel and responsibilities of the Investment Manager remain unchanged.

### ***ETF Name Change***

Effective May 1, 2024, the name of the ETF changed from Horizons Big Data & Hardware Index ETF to Global X Big Data & Hardware Index ETF. The name of the ETF has been changed to reflect the Global X brand.

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## Management Discussion of Fund Performance (continued)

### Related Party Transactions

Certain services have been provided to the ETF by related parties and those relationships are described below.

#### ***Manager, Trustee and Investment Manager***

The manager, trustee and investment manager of the ETF is Global X Investments Canada Inc., 55 University Avenue, Suite 800, Toronto, Ontario, M5J 2H7, a corporation incorporated under the laws of Ontario.

If the ETF invests in other Global X ETFs, Global X may receive management fees in respect of the ETF's assets invested in such Global X ETFs. In addition, any management fees paid to the Manager (described in detail on page 11) are related party transactions, as the Manager is considered to be a related party to the ETF. 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 in the attached financial statements of the ETF. The management fees payable by the ETF as at June 30, 2024, and December 31, 2023, 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 for the past five fiscal years. 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 Unit

Period <sup>(1)</sup>		2024	2023	2022	2021	2020	2019
<b>Net assets, beginning of period</b>	\$	26.69	11.84	27.35	17.57	8.13	5.72
<b>Increase (decrease) from operations:</b>							
Total revenue		0.21	0.35	0.29	0.80	0.13	0.22
Total expenses		(0.14)	(0.21)	(0.27)	(0.35)	(0.11)	(0.11)
Realized gains (losses) for the period		2.06	0.09	(8.42)	10.96	2.17	(0.28)
Unrealized gains (losses) for the period		1.29	14.72	(7.60)	(4.38)	7.01	2.68
<b>Total increase (decrease) from operations <sup>(2)</sup></b>		3.42	14.95	(16)	7.03	9.20	2.51
<b>Distributions:</b>							
From net investment income (excluding dividends)		–	(0.17)	(0.14)	(0.69)	(0.06)	(0.12)
From net realized capital gains		–	–	–	(8.71)	(0.37)	–
<b>Total distributions <sup>(3)</sup></b>		–	(0.17)	(0.14)	(9.40)	(0.43)	(0.12)
<b>Net assets, end of period (Cdn\$ units) <sup>(4)</sup></b>	\$	29.99	26.69	11.84	27.35	17.57	8.13
<b>Net assets, end of period (US\$ units) <sup>(4)</sup></b>	\$	21.92	20.14	8.74	21.62	13.80	6.26

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

2. Net assets per unit and distributions are based on the actual number of units outstanding at the relevant time. The increase (decrease) from operations is based on the weighted average number of units outstanding over the financial period.

3. Income, dividend and/or return of capital distributions, if any, are paid in cash, reinvested in additional units of the ETF, or both. Capital gains distributions, if any, may or may not be paid in cash. Non-cash capital gains distributions are reinvested in additional units of the ETF and subsequently consolidated. They are reported as taxable distributions and increase each unitholder's adjusted cost base for their units. Neither the number of units held by the unitholder, nor the net asset per unit of the ETF change as a result of any non-cash capital gains distributions. Distributions classified as return of capital, if any, decrease each unitholder's adjusted cost base for their units. The characteristics of distributions, if any, are determined subsequent to the end of the ETF's tax year. Until such time, distributions are classified as from net investment income (excluding dividends) for reporting purposes.

4. The Financial Highlights are not intended to act as a continuity of the opening and closing net assets per unit.

**Financial Highlights** (continued)

**Ratios and Supplemental Data**

<b>Period</b> <sup>(1)</sup>	<b>2024</b>	<b>2023</b>	<b>2022</b>	<b>2021</b>	<b>2020</b>	<b>2019</b>
Net asset value (000's)	\$ 19,777	16,493	6,976	19,306	9,223	5,491
Number of units outstanding (000's)	659	618	589	706	525	675
Management expense ratio <sup>(2)</sup>	0.58%	0.58%	0.55%	0.55%	0.54%	0.71%
Management expense ratio before waivers and absorptions <sup>(3)</sup>	1.05%	1.38%	1.28%	1.13%	2.40%	2.24%
Trading expense ratio <sup>(4)</sup>	0.32%	0.34%	0.73%	0.62%	0.47%	0.39%
Portfolio turnover rate <sup>(5)</sup>	36.95%	72.12%	113.67%	158.44%	87.88%	61.09%
Net asset value per unit, end of period (Cdn\$ units)	\$ 29.99	26.69	11.84	27.35	17.57	8.13
Closing market price (Cdn\$ units)	\$ 30.02	26.76	11.81	27.42	17.53	8.13
Net asset value per unit, end of period (US\$ units)	\$ 21.92	20.14	8.74	21.62	13.80	6.26
Closing market price (US\$ units)	\$ 21.93	20.16	8.72	21.69	13.81	6.28

1. This information is provided as at June 30, 2024, and December 31 of the years 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 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.
3. 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.
4. 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 period. Transaction costs related to the purchase and/or sale of fixed income securities are typically embedded in the price of those transactions and are therefore not included in the trading expense ratio.
5. The ETF's portfolio turnover rate indicates how actively its portfolio investments are traded. 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 the year. Generally, the higher the ETF's portfolio turnover rate in a year, the greater the trading costs payable by the ETF in the year, and 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 the ETF.

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## 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 unitholders 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 unitholders 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 units of the ETF; and dealing and communicating with unitholders 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 0.45%, plus applicable sales taxes, of the net asset value of the ETF's units, calculated and accrued daily and payable monthly in arrears.

Any expenses of the ETF which are waived or absorbed by the Manager are paid out of the management fees received by the Manager.

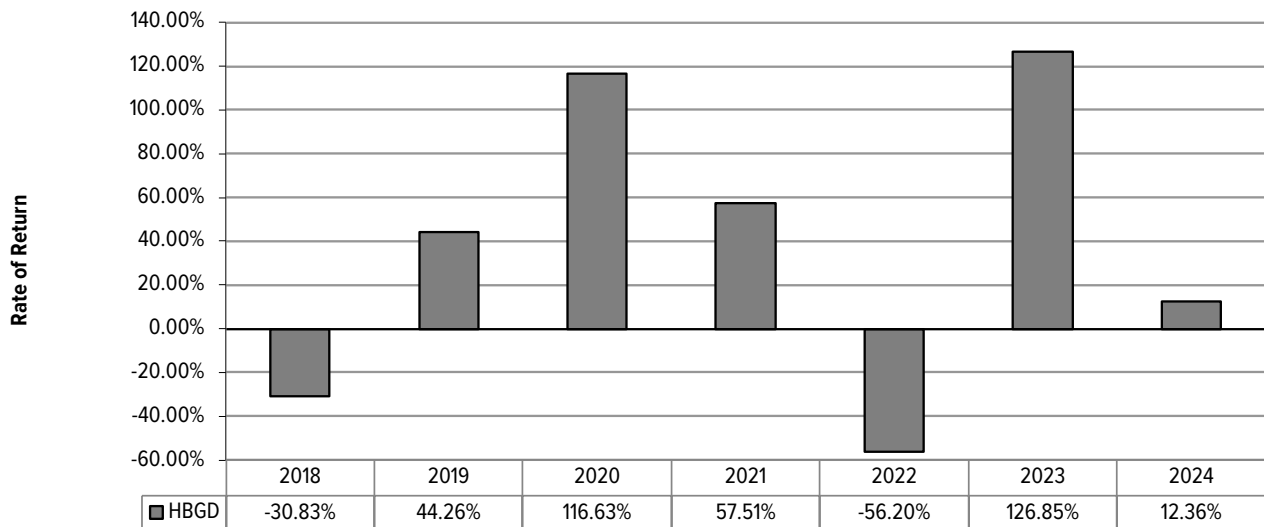
The Manager paid substantially more than 100% of the management fees it received from the ETF during the period towards marketing and promotional costs, and towards the fees associated with the managerial, portfolio management and portfolio advisory services provided to the ETF.

## Past Performance

Commissions, management fees, 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 unit 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 units 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 units. The amount of the reinvested taxable distributions is added to the adjusted cost base of the units 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 June 20, 2018. Only the performance of the Cdn\$ units is displayed above, as the Cdn\$ units seek to achieve the primary investment objective of the ETF. The returns to unitholders holding US\$ units would have been substantially similar to those of the unitholders holding Cdn\$ units when adjusted for the daily Canadian/U.S. dollar exchange rate.

## Summary of Investment Portfolio

As at June 30, 2024

<b>Asset Mix</b>	<b>Net Asset Value</b>	<b>% of ETF's Net Asset Value</b>
U.S. Equities	\$ 9,211,242	46.58%
Global Equities	9,111,921	46.07%
Canadian Equities	1,389,820	7.03%
Currency Forward Hedge*	23,881	0.12%
Cash and Cash Equivalents	16,654	0.08%
Other Assets less Liabilities	23,244	0.12%
	<b>\$ 19,776,762</b>	<b>100.00%</b>

<b>Sector Mix</b>	<b>Net Asset Value</b>	<b>% of ETF's Net Asset Value</b>
Information Technology	\$ 15,107,967	76.39%
Financials	2,455,354	12.42%
Utilities	759,151	3.84%
Materials	682,049	3.45%
Communication Services	372,624	1.88%
Energy	335,838	1.70%
Currency Forward Hedge*	23,881	0.12%
Cash and Cash Equivalents	16,654	0.08%
Other Assets less Liabilities	23,244	0.12%
	<b>\$ 19,776,762</b>	<b>100.00%</b>

\* Positions in forward 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, 2024

<b>Top 25 Holdings</b>	<b>% of ETF's Net Asset Value</b>
Core Scientific Inc.	4.88%
Iris Energy Ltd.	3.84%
TeraWulf Inc.	3.45%
Hut 8 Corp.	3.06%
Bitdeer Technologies Group	2.69%
NVIDIA Corp.	2.66%
ARM Holdings PLC, ADR	2.46%
Bit Digital Inc.	2.44%
Global Unichip Corp.	2.43%
SK Hynix Inc.	2.41%
Transcend Information Inc.	2.31%
Seagate Technology Holdings PLC	2.30%
Bitfarms Ltd.	2.25%
Dell Technologies Inc.	2.23%
Oracle Corp.	2.21%
Quanta Storage Inc.	2.16%
Asustek Computer Inc.	2.13%
NEXTDC Ltd.	2.10%
WiWynn Corp.	2.09%
Micron Technology Inc.	2.04%
Microchip Technology Inc.	2.03%
Digital Realty Trust Inc.	2.03%
Western Digital Corp.	1.99%
eMemory Technology Inc.	1.97%
Galaxy Digital Holdings Ltd.	1.95%

The summary of investment portfolio may change due to the ongoing portfolio transactions of the ETF. The most recent financial statements are available at no cost by calling 1-866-641-5739, or (416) 933-5745, by writing to us at 55 University Avenue, Suite 800, Toronto, Ontario, M5J 2H7, by visiting our website at [www.globalx.ca](http://www.globalx.ca) or through SEDAR+ at [www.sedarplus.ca](http://www.sedarplus.ca).

### MANAGER'S RESPONSIBILITY FOR FINANCIAL REPORTING

The accompanying unaudited interim financial statements of Global X Big Data & Hardware Index ETF (*formerly Horizons Big Data & Hardware Index ETF*) (the "ETF") are the responsibility of the manager and trustee to the ETF, Global X Investments Canada Inc. (the "Manager"). They have been prepared in accordance with IFRS Accounting Standards ("IFRS") 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.



Rohit Mehta  
Director  
Global X Investments Canada Inc.



Thomas Park  
Director  
Global X Investments Canada Inc.

### NOTICE TO UNITHOLDERS

**The Auditor of the ETF has not reviewed these Financial Statements.**

Global X Investments Canada Inc., the Manager of the ETF, appoints an independent auditor to audit the ETF's annual financial statements.

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

**Statements of Financial Position** (unaudited)

June 30, 2024 and December 31, 2023

	<b>2024</b>	<b>2023</b>
<b>Assets</b>		
Cash and cash equivalents	\$ 16,654	\$ 203,894
Investments (note 6)	19,712,983	16,286,427
Amounts receivable relating to accrued income	32,607	6,829
Derivative assets (note 3)	24,368	113,843
<b>Total assets</b>	<b>19,786,612</b>	<b>16,610,993</b>
<b>Liabilities</b>		
Accrued management fees (note 9)	7,896	6,494
Accrued operating expenses	1,467	1,844
Distribution payable	–	106,371
Derivative liabilities (note 3)	487	3,262
<b>Total liabilities</b>	<b>9,850</b>	<b>117,971</b>
<b>Net assets</b>	<b>\$ 19,776,762</b>	<b>\$ 16,493,022</b>
Number of redeemable units outstanding (note 8)	659,360	617,860
Net assets per unit (Cdn\$ units)	\$ 29.99	\$ 26.69
Net assets per unit (US\$ units)	\$ 21.92	\$ 20.14

(See accompanying notes to financial statements)

Approved on behalf of the Board of Directors of the Manager:



Rohit Mehta  
Director



Thomas Park  
Director



**Statements of Comprehensive Income** (unaudited)

For the Periods Ended June 30,

	<b>2024</b>	<b>2023</b>
<b>Income</b>		
Dividend income	\$ 81,591	\$ 60,580
Securities lending income (note 7)	55,106	35,653
Net realized gain (loss) on sale of investments and derivatives	1,334,424	(284,319)
Net realized gain (loss) on foreign exchange	(6,593)	(4,620)
Net change in unrealized appreciation (depreciation) of investments and derivatives	824,032	4,740,181
Net change in unrealized appreciation (depreciation) of foreign exchange	(199)	(652)
	<b>2,288,361</b>	<b>4,546,823</b>
<b>Expenses (note 9)</b>		
Management fees	42,115	21,710
Audit fees	3,104	4,219
Independent Review Committee fees	373	127
Custodial and fund valuation fees	15,400	14,837
Legal fees	275	145
Securityholder reporting costs	7,158	7,469
Administration fees	20,481	21,190
Transaction costs	27,243	22,408
Withholding taxes	13,022	10,902
Other expenses	–	115
	<b>129,171</b>	<b>103,122</b>
Amounts that were payable by the investment fund that were paid or absorbed by the Manager	(39,325)	(44,183)
	<b>89,846</b>	<b>58,939</b>
<b>Increase (decrease) in net assets for the period</b>	<b>\$ 2,198,515</b>	<b>\$ 4,487,884</b>
Increase (decrease) in net assets per unit	\$ 3.42	\$ 8.18

(See accompanying notes to financial statements)

**Statements of Changes in Financial Position** (unaudited)

For the Periods Ended June 30,

	<b>2024</b>		<b>2023</b>	
<b>Net assets at the beginning of the period</b>	\$	16,493,022	\$	6,976,482
<b>Increase (decrease) in net assets</b>		2,198,515		4,487,884
<b>Redeemable unit transactions</b>				
Proceeds from the issuance of securities of the investment fund		1,085,225		161,293
Aggregate amounts paid on redemption of securities of the investment fund		–		(629,315)
<b>Net assets at the end of the period</b>	<b>\$</b>	<b>19,776,762</b>	<b>\$</b>	<b>10,996,344</b>

(See accompanying notes to financial statements)

**Statements of Cash Flows** (unaudited)

For the Periods Ended June 30,

	<b>2024</b>	<b>2023</b>
<b>Cash flows from operating activities:</b>		
Increase (decrease) in net assets for the period	\$ 2,198,515	\$ 4,487,884
Adjustments for:		
Net realized (gain) loss on sale of investments and derivatives	(1,334,424)	284,319
Net realized gain (loss) on currency forward contracts	(484,474)	95,622
Net change in unrealized (appreciation) depreciation of investments and derivatives	(824,032)	(4,740,181)
Net change in unrealized (appreciation) depreciation of foreign exchange	17	77
Purchase of investments	(7,043,206)	(3,118,887)
Proceeds from the sale of investments	6,346,280	3,286,758
Amounts receivable relating to accrued income	(25,778)	(26,298)
Accrued expenses	1,025	3,617
<b>Net cash from (used in) operating activities</b>	<b>(1,166,077)</b>	<b>272,911</b>
<b>Cash flows from financing activities:</b>		
Amount received from the issuance of units	1,085,225	161,293
Amount paid on redemptions of units	–	(266,933)
Distributions paid to unitholders	(106,371)	(84,172)
<b>Net cash from (used in) financing activities</b>	<b>978,854</b>	<b>(189,812)</b>
<b>Net increase (decrease) in cash and cash equivalents during the period</b>	<b>(187,223)</b>	<b>83,099</b>
Effect of exchange rate fluctuations on cash and cash equivalents	(17)	(77)
<b>Cash and cash equivalents at beginning of period</b>	<b>203,894</b>	<b>33,517</b>
<b>Cash and cash equivalents at end of period</b>	<b>\$ 16,654</b>	<b>\$ 116,539</b>
Interest received, net of withholding taxes	\$ 1	\$ –
Dividends received, net of withholding taxes	\$ 42,788	\$ 23,380

(See accompanying notes to financial statements)

**Schedule of Investments** (unaudited)

As at June 30, 2024

Security	Shares/ Contracts	Average Cost	Fair Value
<b>U.S. EQUITIES (46.58%)</b>			
<b>Information Technology (29.75%)</b>			
Advanced Micro Devices Inc.	1,680	\$ 221,943	\$ 372,811
Cipher Mining Inc.	59,752	206,420	339,236
Core Scientific Inc.	75,931	324,688	966,060
Dell Technologies Inc., Class 'C'	2,335	180,959	440,539
Intel Corp.	7,706	397,966	326,492
Lattice Semiconductor Corp.	3,669	313,534	291,074
Microchip Technology Inc.	3,213	335,838	402,192
Micron Technology Inc.	2,239	209,299	402,885
NVIDIA Corp.	3,110	98,841	525,618
Oracle Corp.	2,265	348,170	437,527
Riot Blockchain Inc.	25,116	342,649	314,050
Silicon Laboratories Inc.	2,171	401,794	328,575
Super Micro Computer Inc.	305	58,374	341,878
Western Digital Corp.	3,806	233,515	394,519
		3,673,990	5,883,456
<b>Financials (9.80%)</b>			
Bit Digital Inc.	110,947	328,406	482,664
Coinbase Global Inc., Class 'A'	930	124,640	282,740
Digital Realty Trust Inc.	1,925	318,939	400,423
Galaxy Digital Holdings Ltd.	24,167	183,543	386,189
Marathon Digital Holdings Inc.	14,187	224,503	385,259
		1,180,031	1,937,275
<b>Materials (3.45%)</b>			
TeraWulf Inc.	112,035	201,205	682,049
<b>Communication Services (1.88%)</b>			
Equinix Inc.	360	351,933	372,624
<b>Energy (1.70%)</b>			
CleanSpark Inc.	15,391	97,698	335,838
<b>TOTAL U.S. EQUITIES</b>		<b>5,504,857</b>	<b>9,211,242</b>

**Schedule of Investments** (unaudited) (continued)  
As at June 30, 2024

Security	Shares/ Contracts	Average Cost	Fair Value
<b>GLOBAL EQUITIES (46.07%)</b>			
<b>Information Technology (39.61%)</b>			
Alchip Technologies Ltd.	3,073	313,367	318,138
ARM Holdings PLC, ADR	2,171	237,443	485,957
Asustek Computer Inc.	20,095	384,178	422,006
Bitdeer Technologies Group	37,840	328,406	531,130
eMemory Technology Inc.	3,594	312,619	389,504
Global Unichip Corp.	7,101	329,643	480,613
Ibiden Co. Ltd.	6,854	399,750	381,615
Macronix International Co. Ltd.	331,298	451,765	363,938
NEXTDC Ltd.	25,821	283,794	415,450
Northern Data AG	10,659	327,487	371,676
Oracle Corp. Japan	3,736	379,802	352,617
OVH Groupe SAS	26,036	329,199	222,389
Quanta Storage Inc.	91,311	223,013	427,412
Seagate Technology Holdings PLC	3,219	293,536	454,776
Sinohope Technology Holdings Ltd.	574,153	274,825	214,245
SK Hynix Inc.	2,026	240,562	476,208
Transcend Information Inc.	94,306	296,230	457,339
Weebit Nano Ltd.	127,736	399,807	297,267
Winbond Electronics Corp.	331,298	371,262	359,048
WiWynn Corp.	3,706	171,154	413,363
		6,347,842	7,834,691
<b>Utilities (3.84%)</b>			
Iris Energy Ltd.	49,151	249,888	759,151
<b>Financials (2.62%)</b>			
Argo Blockchain PLC	1,574,278	387,019	231,411
Bitcoin Group SE	3,770	202,367	286,668
		589,386	518,079
<b>TOTAL GLOBAL EQUITIES</b>		<b>7,187,116</b>	<b>9,111,921</b>

**Schedule of Investments** (unaudited) (continued)

As at June 30, 2024

Security	Shares/ Contracts	Average Cost	Fair Value
<b>CANADIAN EQUITIES (7.03%)</b>			
<b>Information Technology (7.03%)</b>			
Bitfarms Ltd.	126,268	290,168	445,726
HIVE Blockchain Technologies Ltd.	80,206	418,657	340,074
Hut 8 Corp.	29,522	327,694	604,020
		1,036,519	1,389,820
<b>TOTAL CANADIAN EQUITIES</b>		<b>1,036,519</b>	<b>1,389,820</b>
<b>DERIVATIVES (0.12%)</b>			
<b>Currency Forwards (0.12%)</b>			
Currency forward contract to buy C\$19,268,751 for US\$14,070,000 maturing July 8, 2024		–	22,562
Currency forward contract to buy US\$900,000 for C\$1,229,781 maturing July 8, 2024		–	1,319
		–	23,881
<b>TOTAL DERIVATIVES</b>		<b>–</b>	<b>23,881</b>
Transaction Costs		(15,808)	
<b>TOTAL INVESTMENT PORTFOLIO (99.80%)</b>		<b>\$ 13,712,684</b>	<b>\$ 19,736,864</b>
<b>Cash and cash equivalents (0.08%)</b>			16,654
<b>Other assets less liabilities (0.12%)</b>			23,244
<b>NET ASSETS (100.00%)</b>			<b>\$ 19,776,762</b>

(See accompanying notes to financial statements)

**Notes to Financial Statements** (unaudited)

June 30, 2024

**1. REPORTING ENTITY**

Global X Big Data & Hardware Index ETF (*formerly Horizons Big Data & Hardware Index ETF*) (“HBGD, HBGD.U” or the “ETF”) is an investment trust established under the laws of the Province of Ontario by Declaration of Trust and effectively began operations on June 20, 2018. The address of the ETF’s registered office is: c/o Global X Investments Canada Inc., 55 University Avenue, Suite 800, Toronto, Ontario, M5J 2H7.

The ETF is offered for sale on a continuous basis by its prospectus in Class A units (“Class A”) which trade on the Toronto Stock Exchange (“TSX”) in Canadian dollars (“Cdn\$ units”) and in U.S. dollars (“US\$ units”) under the symbols HBGD and HBGD.U, respectively. US\$ units are not a separate class of units of the ETF, but rather, represent the U.S. dollar value of the Cdn\$ units at the current day’s Canada/U.S. exchange rate. An investor may buy or sell units of the ETF on the TSX only through a registered broker or dealer in the province or territory where the investor resides. Investors are able to trade units 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 units.

HBGD seeks to replicate, to the extent possible, the performance of the Solactive Big Data & Hardware Index (the “Underlying Index”, Bloomberg ticker: SOLBCTH), net of expenses. The Underlying Index tracks a portfolio of global companies focusing directly on data development, storage, and management-related services and solutions as well as hardware and hardware-related services used in data-intensive applications such as blockchain.

Global X Investments Canada Inc. is the manager, trustee and investment manager of the ETF (“Global X”, the “Manager” or the “Investment Manager”). The Investment Manager is responsible for implementing the ETF’s investment strategies.

**2. BASIS OF PREPARATION**

**(i) Statement of compliance**

The financial statements have been prepared in accordance with IFRS Accounting 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 is referring to net assets or increase (decrease) in net assets attributable to holders of redeemable units as reported under IFRS.

These financial statements were authorized for issue on August 9, 2024, by the Board of Directors of the Manager.

**(ii) Basis of measurement**

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

**(iii) Functional and presentation currency**

The financial statements are presented in Canadian dollars, which is the ETF’s functional currency.

**3. MATERIAL ACCOUNTING POLICY INFORMATION**

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

**Notes to Financial Statements** (unaudited) (continued)

June 30, 2024

**(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 payments of principal and interests, 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 day upon which a session of the TSX is held (“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.

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.



**Notes to Financial Statements** (unaudited) (continued)

June 30, 2024

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

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 and cash equivalents**

Cash and cash equivalents consist of cash on deposit and short-term, interest bearing notes with a term to maturity of less than three months from the date of purchase.

**Forward foreign exchange contracts**

Forward foreign exchange contracts, if any, are valued at the current market value thereof on the Valuation Date. The value of these forward 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 forward contracts are closed out or mature, realized gains or losses on forward contracts are recognized and are included in the statements of comprehensive income in net realized gain (loss) on sale of investments and derivatives. The Canadian dollar value of forward foreign exchange contracts is determined using forward currency exchange rates supplied by an independent service provider.

**Redeemable units**

The redeemable units are measured at the present value of the redemption amounts and are considered a residual amount of the net assets attributable to holders of redeemable units. They are classified as financial liabilities as a result of the ETF's requirement to distribute net income and capital gains to unitholders.

**(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 represents the coupon interest received by the ETF accounted for on an accrual basis. Dividend income is recognized on the ex-dividend date. Distribution income from investments in other funds or ETFs is recognized when earned.

**Notes to Financial Statements** (unaudited) (continued)

June 30, 2024

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 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 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.

**(e) Increase (decrease) in net assets attributable to holders of redeemable units per unit**

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

**(f) Unitholder transactions**

The value at which units are issued or redeemed is determined by dividing the net asset value of the ETF by the total number of units outstanding of the ETF on the applicable Valuation Date. Amounts received on the issuance of units and amounts paid on the redemption of units 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 units per unit**

Net assets attributable to holders of redeemable units per unit is calculated by dividing the ETF’s net assets attributable to holders of redeemable units by the number of units of the ETF outstanding on the Valuation Date.

**Notes to Financial Statements** (unaudited) (continued)

June 30, 2024

**(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, 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.

**(j) Changes in accounting policies**

The Fund adopted Disclosure of Accounting Policies (Amendments to IAS 1 and IFRS Practice Statements 2) from January 1, 2023. Although the amendments did not result in any changes to the accounting policies themselves, they impacted the accounting policy information disclosed in the financial statements.

The amendments require the disclosure of ‘material’ rather than ‘significant’ accounting policies. The amendments also provide guidance on the application of materiality to disclosure of accounting policies, assisting entities to provide useful, entity-specific accounting policy information that users need to understand other information in the financial statements.

The Manager reviewed the accounting policies and amended the information disclosed in Note 3 as applicable.

**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.

**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 most recent prospectus for a complete discussion of the risks attributed to an investment in the units of the ETF. Significant financial instrument risks that are relevant to the ETF, and analysis thereof, are presented below.

**(a) Market risk**

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.

**Notes to Financial Statements** (unaudited) (continued)

June 30, 2024

**(i) Currency risk**

Currency risk is the risk that financial instruments which are denominated in currencies other than the ETF's reporting currency, the Canadian dollar, will fluctuate due to changes in exchange rates and adversely impact the ETF's income, cash flows or fair values of its investment holdings. The ETF may reduce its foreign currency exposure through the use of derivative arrangements such as foreign exchange forward contracts or futures contracts. As at June 30, 2024 and December 31, 2023, the ETF did not have any material net exposure to foreign currencies due to the ETF's hedging strategies.

**(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.

As at June 30 2024 and December 31, 2023, the ETF did not hold any long-term debt instruments and did not have any exposure to interest rate risk.

**(iii) Other market risk**

Other market 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 Manager has implemented internal risk management controls on the ETF which are intended to limit the loss on its trading activities.

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. The historical correlation may not be representative of future correlation.

Comparative Index	June 30, 2024	December 31, 2023
Solactive Big Data & Hardware Index	\$194,476	\$160,830

**(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. The ETF's credit risk policy is to minimize its exposure to counterparties with perceived higher risk of default by dealing only with counterparties that meet the credit standards set out in the ETF's prospectus and, when necessary, receiving acceptable collateral.

As at June 30, 2024 and December 31, 2023, due to the nature of its portfolio investments, the ETF did not have any material credit risk exposure.

**Notes to Financial Statements** (unaudited) (continued)

June 30, 2024

**(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**

Below is 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 following is a summary of the inputs used as at June 30, 2024, and December 31, 2023, in valuing the ETF's investments and derivatives carried at fair values:

	June 30, 2024			December 31, 2023		
	Level 1 (\$)	Level 2 (\$)	Level 3 (\$)	Level 1 (\$)	Level 2 (\$)	Level 3 (\$)
<b>Financial Assets</b>						
Equities	19,712,983	–	–	16,286,427	–	–
Currency Forward Contracts	–	24,368	–	–	113,843	–
<b>Total Financial Assets</b>	<b>19,712,983</b>	<b>24,368</b>	<b>–</b>	<b>16,286,427</b>	<b>113,843</b>	<b>–</b>
<b>Financial Liabilities</b>						
Currency Forward Contracts	–	(487)	–	–	(3,262)	–
<b>Total Financial Liabilities</b>	<b>–</b>	<b>(487)</b>	<b>–</b>	<b>–</b>	<b>(3,262)</b>	<b>–</b>
<b>Net Financial Assets and Liabilities</b>	<b>19,712,983</b>	<b>23,881</b>	<b>–</b>	<b>16,286,427</b>	<b>110,581</b>	<b>–</b>

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 period or year shown. In addition, there were no investments or transactions classified in Level 3 for the period ended June 30, 2024, and for the year ended December 31, 2023.

**Notes to Financial Statements** (unaudited) (continued)

June 30, 2024

**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 National Instrument 81-102 – *Investment Funds* (“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 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 year is disclosed in the ETF’s statements of comprehensive income.

The aggregate closing market value of securities loaned and collateral received as at June 30, 2024 and December 31, 2023, was as follows:

As at	Securities Loaned	Collateral Received
June 30, 2024	\$4,256,479	\$4,490,931
December 31, 2023	\$1,773,273	\$1,876,013

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.

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, 2024 and 2023. 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.

For the periods ended	June 30, 2024	% of Gross Income	June 30, 2023	% of Gross Income
Gross securities lending income	\$93,530		\$63,004	
Withholding taxes	(1,689)	1.81%	(3,584)	5.69%
Lending Agents’ fees:				
Canadian Imperial Bank of Commerce	(36,735)	39.28%	(23,767)	37.72%
<b>Net securities lending income paid to the ETF</b>	<b>\$55,106</b>	<b>58.91%</b>	<b>\$35,653</b>	<b>56.59%</b>

**8. REDEEMABLE UNITS**

The ETF is authorized to issue an unlimited number of redeemable, transferable Class E units each of which represents an equal, undivided interest in the net assets of the ETF. Each unit entitles the owner to one vote at meetings of unitholders. Each unit is entitled to participate equally with all other units with respect to all payments made to unitholders, other than management fee distributions, whether by way of income or capital distributions and, on liquidation, to participate equally in the net assets of the ETF remaining after satisfaction of any outstanding liabilities that are attributable to units of that class of the ETF. All units will be fully paid and non-assessable, with no liability for future assessments, when issued and will not be transferable except by operation of law.

**Notes to Financial Statements** (unaudited) (continued)

June 30, 2024

The redeemable units 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. They are classified as liabilities as a result of the ETF's requirement to distribute net income and capital gains to unitholders. The ETF's objectives in managing the redeemable units are to meet the ETF's investment objective, and to manage liquidity risk arising from redemptions. The ETF's management of liquidity risk arising from redeemable units is discussed in note 5.

On any valid trading day, as defined in the ETF's prospectus, unitholders of the ETF may (i) redeem units of the ETF for cash at a redemption price per unit equal to 95% of the closing price for units of the ETF on the TSX on the effective day of the redemption, where the units being redeemed are not equal to a prescribed number of units ("PNU") or a multiple PNU; or (ii) redeem, less any applicable redemption charge as determined by the Manager in its sole discretion from time to time, a PNU or a multiple PNU of the ETF for cash equal to the net asset value of that number of units.

Units of the ETF are issued or redeemed on a daily basis at the net asset value per security that is determined as at 4:00 p.m. (Eastern Time) each business day. Purchase and redemption orders are subject to a 9:30 a.m. (Eastern Time) cut-off time.

The ETF is required to distribute any net income and capital gains that it has earned in the period. Income earned by the ETF is distributed to unitholders at least once per year, if necessary, and these distributions are either paid in cash or reinvested by unitholders into additional units of the ETF. Net realized capital gains, if any, are typically distributed in December of each year to unitholders. The annual capital gains distributions are not paid in cash but rather, are reinvested and reported as taxable distributions and used to increase each unitholder's adjusted cost base for the ETF. Distributions paid to holders of redeemable units are recognized in the statements of changes in financial position.

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

For the periods ended June 30, 2024 and 2023, the number of units issued by subscription and/or distribution reinvestment, the number of units redeemed, the total and average number of units outstanding was as follows:

Period	Beginning Units Outstanding	Units Issued	Units Redeemed	Ending Units Outstanding	Average Units Outstanding
2024	617,860	41,500	–	659,360	643,039
2023	589,360	11,000	(50,000)	550,360	548,763

**9. EXPENSES**

**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 unitholders 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 unitholders 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 units of the ETF; and dealing and communicating with unitholders of the ETF. The Manager provides office facilities and personnel to

**Notes to Financial Statements** (unaudited) (continued)

June 30, 2024

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 0.45%, plus applicable sales taxes, of the net asset value of the ETF's units, calculated and accrued daily and payable monthly in arrears. 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; withholding taxes; and fees payable to service providers in connection with regulatory compliance and tax matters in foreign jurisdictions.

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.

**10. 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.

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, 2024 and 2023, were as follows:

Period Ended	Brokerage Commissions Paid	Soft Dollar Transactions	Amount Paid to Related Parties
June 30, 2024	\$20,791	\$nil	\$nil
June 30, 2023	\$12,821	\$nil	\$nil

In addition to the information contained in the table above, 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. 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 management fees payable by the ETF as at June 30, 2024, and December 31, 2023 are disclosed in the statements of financial position.

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.



**Notes to Financial Statements** (unaudited) (continued)

June 30, 2024

**11. INCOME TAX**

The ETF has qualified as a mutual fund trust under the *Income Tax Act* (Canada) (the “Tax Act”) and accordingly, is not taxed on the portion of taxable income that is paid or allocated to unitholders. As well, tax refunds (based on redemptions and realized and unrealized gains during the year) may be available that would make it possible to retain some net capital gains in the ETF without incurring any income taxes.

**12. TAX LOSSES CARRIED FORWARD**

Capital losses for income tax purposes may be carried forward indefinitely and applied against capital gains realized in future years. Non-capital losses carried forward may be applied against future years’ taxable income. Non-capital losses that are realized in the current taxation year may be carried forward for 20 years. As at December 31, 2023, the ETF 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
\$2,565,599	–	–

**13. 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. The following table shows financial instruments that may be eligible for offset, if such conditions were to arise, as at June 30, 2024, and December 31, 2023. The “Net” column displays what the net impact would be on the ETF’s statements of financial position if all amounts were set-off.

Financial Assets and Liabilities as at June 30, 2024	Amounts Offset (\$)			Amounts Not Offset (\$)		Net (\$)
	Gross Assets (Liabilities)	Gross Assets (Liabilities) Offset	Net Amounts	Financial Instruments	Cash Collateral Pledged	
Derivative assets	24,368	–	24,368	(487)	–	23,881
Derivative liabilities	(487)	–	(487)	487	–	–

Financial Assets and Liabilities as at December 31, 2023	Amounts Offset (\$)			Amounts Not Offset (\$)		Net (\$)
	Gross Assets (Liabilities)	Gross Assets (Liabilities) Offset	Net Amounts	Financial Instruments	Cash Collateral Pledged	
Derivative assets	113,843	–	113,843	(3,262)	–	110,581
Derivative liabilities	(3,262)	–	(3,262)	3,262	–	–

**Notes to Financial Statements** (unaudited) (continued)

June 30, 2024

**14. INTERESTS IN SUBSIDIARIES, ASSOCIATES AND UNCONSOLIDATED STRUCTURED ENTITIES**

The ETF may invest in 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 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 and listed in the schedule of investments. As at June 30, 2024 and December 31, 2023, the ETF had no exposure to subsidiaries, associates or unconsolidated structured entities.

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