



**Manulife®**  
Investments

*John Hancock*

Semiannual Financial Statements &  
Other N-CSR Items

# John Hancock Global Environmental Opportunities Fund

International equity

April 30, 2025

# John Hancock

## Global Environmental Opportunities Fund

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# Fund's investments

## AS OF 4-30-25 (unaudited)

	Shares	Value
<b>Common stocks 94.9%</b>		<b>\$54,896,148</b>
(Cost \$50,600,226)		
<b>Canada 9.3%</b>		<b>5,386,259</b>
Stantec, Inc.	16,851	1,479,016
Waste Connections, Inc.	9,763	1,929,462
WSP Global, Inc.	11,158	1,977,781
<b>Denmark 2.9%</b>		<b>1,696,815</b>
Novonesis A/S, B Shares	26,122	1,696,815
<b>France 7.5%</b>		<b>4,351,346</b>
Dassault Systemes SE	29,065	1,089,243
Legrand SA	10,863	1,193,840
Schneider Electric SE	4,905	1,146,031
Veolia Environnement SA	25,250	922,232
<b>Germany 4.5%</b>		<b>2,590,801</b>
Siemens AG	4,889	1,125,747
Symrise AG	12,703	1,465,054
<b>Ireland 7.0%</b>		<b>4,034,087</b>
Eaton Corp. PLC	4,717	1,388,543
Smurfit WestRock PLC	23,196	974,696
Trane Technologies PLC	4,359	1,670,848
<b>Italy 2.1%</b>		<b>1,203,925</b>
Terna - Rete Elettrica Nazionale	121,073	1,203,925
<b>Japan 4.3%</b>		<b>2,501,572</b>
Keyence Corp.	2,600	1,087,038
Tokyo Electron, Ltd.	9,500	1,414,534
<b>Netherlands 2.7%</b>		<b>1,569,766</b>
ASM International NV	849	414,980
ASML Holding NV	1,725	1,154,786
<b>Switzerland 2.7%</b>		<b>1,572,249</b>
DSM-Firmenich AG	6,124	665,269
Givaudan SA	188	906,980
<b>United States 51.9%</b>		<b>29,989,328</b>
AAON, Inc.	8,288	756,446
Advanced Drainage Systems, Inc.	8,420	955,586
AECOM	16,430	1,620,820
Agilent Technologies, Inc.	11,228	1,208,133
American Water Works Company, Inc.	8,350	1,227,534
Analog Devices, Inc.	3,772	735,238

	Shares	Value
<b>United States (continued)</b>		
ANSYS, Inc. (A)	3,666	\$1,180,012
Applied Materials, Inc.	4,398	662,823
Autodesk, Inc. (A)	4,240	1,162,820
Bentley Systems, Inc., Class B	15,680	674,083
Cadence Design Systems, Inc. (A)	6,724	2,002,004
Carlisle Companies, Inc.	2,145	813,985
Carrier Global Corp.	24,832	1,552,993
Digital Realty Trust, Inc.	5,154	827,423
Equinix, Inc.	1,174	1,010,521
PTC, Inc. (A)	7,835	1,214,190
Quanta Services, Inc.	4,245	1,242,469
Republic Services, Inc.	7,805	1,957,104
Synopsys, Inc. (A)	4,487	2,059,574
Tetra Tech, Inc.	50,206	1,565,925
Thermo Fisher Scientific, Inc.	3,614	1,550,406
Veralto Corp.	7,429	712,441
Waste Management, Inc.	7,649	1,784,971
Xylem, Inc.	12,539	1,511,827
<b>Total investments (Cost \$50,600,226) 94.9%</b>		<b>\$54,896,148</b>
<b>Other assets and liabilities, net 5.1%</b>		<b>2,930,408</b>
<b>Total net assets 100.0%</b>		<b>\$57,826,556</b>

The percentage shown for each investment category is the total value of the category as a percentage of the net assets of the fund.

#### **Security Abbreviations and Legend**

(A) Non-income producing security.

At 4-30-25, the aggregate cost of investments for federal income tax purposes was \$50,809,283. Net unrealized appreciation aggregated to \$4,086,865, of which \$5,925,711 related to gross unrealized appreciation and \$1,838,846 related to gross unrealized depreciation.

The fund had the following sector composition as a percentage of net assets on 4-30-25:

Industrials	45.6%
Information technology	25.7%
Materials	9.9%
Utilities	5.8%
Health care	4.7%
Real estate	3.2%
Other assets and liabilities, net	5.1%
<b>TOTAL</b>	<b>100.0%</b>

# Financial statements

## STATEMENT OF ASSETS AND LIABILITIES 4-30-25 (unaudited)

<b>Assets</b>	
Unaffiliated investments, at value (Cost \$50,600,226)	\$54,896,148
Cash	3,532,455
Foreign currency, at value (Cost \$23,796)	25,911
Dividends and interest receivable	54,544
Receivable for fund shares sold	2,331
Receivable for investments sold	84,064
Receivable from affiliates	4,307
Other assets	22,525
<b>Total assets</b>	<b>58,622,285</b>
<b>Liabilities</b>	
Payable for investments purchased	745,079
Payable to affiliates	
Accounting and legal services fees	1,354
Transfer agent fees	412
Trustees' fees	86
Other liabilities and accrued expenses	48,798
<b>Total liabilities</b>	<b>795,729</b>
<b>Net assets</b>	<b>\$57,826,556</b>
<b>Net assets consist of</b>	
Paid-in capital	\$53,358,415
Total distributable earnings (loss)	4,468,141
<b>Net assets</b>	<b>\$57,826,556</b>
<b>Net asset value per share</b>	
Based on net asset value and shares outstanding - the fund has an unlimited number of shares authorized with no par value	
Class A (\$477,747 ÷ 49,637 shares) <sup>1</sup>	\$9.62
Class C (\$46,799 ÷ 5,011 shares) <sup>1</sup>	\$9.34
Class I (\$1,431,286 ÷ 147,587 shares)	\$9.70
Class R6 (\$55,870,724 ÷ 5,756,067 shares)	\$9.71
<b>Maximum offering price per share</b>	
Class A (net asset value per share ÷ 95%) <sup>2</sup>	\$10.13

<sup>1</sup> Redemption price per share is equal to net asset value less any applicable contingent deferred sales charge.

<sup>2</sup> On single retail sales of less than \$50,000. On sales of \$50,000 or more and on group sales the offering price is reduced.

## STATEMENT OF OPERATIONS For the six months ended 4-30-25 (unaudited)

<b>Investment income</b>	
Dividends	\$290,261
Interest	17,974
Less foreign taxes withheld	(18,456)
<b>Total investment income</b>	<b>289,779</b>
<b>Expenses</b>	
Investment management fees	240,065
Distribution and service fees	857
Accounting and legal services fees	5,064
Transfer agent fees	2,521
Trustees' fees	884
Custodian fees	16,706
State registration fees	34,920
Printing and postage	13,255
Professional fees	32,156
Other	7,333
<b>Total expenses</b>	<b>353,761</b>
Less expense reductions	(106,943)
<b>Net expenses</b>	<b>246,818</b>
<b>Net investment income</b>	<b>42,961</b>
<b>Realized and unrealized gain (loss)</b>	
<b>Net realized gain (loss) on</b>	
Unaffiliated investments and foreign currency transactions	1,081,321
	<b>1,081,321</b>
<b>Change in net unrealized appreciation (depreciation) of</b>	
Unaffiliated investments and translation of assets and liabilities in foreign currencies	(3,830,648)
	<b>(3,830,648)</b>
<b>Net realized and unrealized loss</b>	<b>(2,749,327)</b>
<b>Decrease in net assets from operations</b>	<b>\$(2,706,366)</b>

## STATEMENTS OF CHANGES IN NET ASSETS

	Six months ended 4-30-25 (unaudited)	Year ended 10-31-24
<b>Increase (decrease) in net assets</b>		
<b>From operations</b>		
Net investment income	\$42,961	\$100,293
Net realized gain	1,081,321	4,690,813
Change in net unrealized appreciation (depreciation)	(3,830,648)	10,408,937
<b>Increase (decrease) in net assets resulting from operations</b>	<b>(2,706,366)</b>	<b>15,200,043</b>
<b>Distributions to shareholders</b>		
From earnings		
Class A	(30,638)	—
Class C	(3,249)	—
Class I	(90,668)	(390)
Class R6	(3,699,312)	(146,253)
<b>Total distributions</b>	<b>(3,823,867)</b>	<b>(146,643)</b>
<b>From fund share transactions</b>	<b>1,338,637</b>	<b>(8,640,709)</b>
<b>Total increase (decrease)</b>	<b>(5,191,596)</b>	<b>6,412,691</b>
<b>Net assets</b>		
Beginning of period	63,018,152	56,605,461
<b>End of period</b>	<b>\$57,826,556</b>	<b>\$63,018,152</b>

# Financial highlights

CLASS A SHARES Period ended	4-30-25 <sup>1</sup>	10-31-24	10-31-23	10-31-22	10-31-21 <sup>2</sup>
<b>Per share operating performance</b>					
<b>Net asset value, beginning of period</b>	<b>\$10.75</b>	<b>\$8.51</b>	<b>\$7.94</b>	<b>\$10.67</b>	<b>\$10.00</b>
Net investment loss <sup>3</sup>	(0.01)	(0.02)	(0.01)	(0.04)	(0.02)
Net realized and unrealized gain (loss) on investments	(0.47)	2.26	0.58 <sup>4</sup>	(2.69)	0.69
<b>Total from investment operations</b>	<b>(0.48)</b>	<b>2.24</b>	<b>0.57</b>	<b>(2.73)</b>	<b>0.67</b>
<b>Less distributions</b>					
From net realized gain	(0.65)	—	—	—	—
<b>Net asset value, end of period</b>	<b>\$9.62</b>	<b>\$10.75</b>	<b>\$8.51</b>	<b>\$7.94</b>	<b>\$10.67</b>
<b>Total return (%)</b> <sup>5,6</sup>	<b>(4.48)</b> <sup>7</sup>	<b>26.32</b>	<b>7.31</b>	<b>(25.68)</b>	<b>6.70</b> <sup>7</sup>
<b>Ratios and supplemental data</b>					
Net assets, end of period (in millions)	\$— <sup>8</sup>	\$— <sup>8</sup>	\$— <sup>8</sup>	\$— <sup>8</sup>	\$— <sup>8</sup>
Ratios (as a percentage of average net assets):					
Expenses before reductions	1.57 <sup>9</sup>	1.60	1.78	4.08	3.99 <sup>10</sup>
Expenses including reductions	1.20 <sup>9</sup>	1.21	1.21	1.21	1.22 <sup>10</sup>
Net investment loss	(0.20) <sup>9</sup>	(0.18)	(0.08)	(0.43)	(0.73) <sup>9</sup>
Portfolio turnover (%)	22	43	40	38	7

<sup>1</sup> Six months ended 4-30-25. Unaudited.

<sup>2</sup> Period from 7-21-21 (commencement of operations) to 10-31-21.

<sup>3</sup> Based on average daily shares outstanding.

<sup>4</sup> The amount shown for a share outstanding does not correspond with the aggregate net gain (loss) on investments for the period due to the timing of the sales and repurchases of shares in relation to fluctuating market values of the investments of the fund.

<sup>5</sup> Total returns would have been lower had certain expenses not been reduced during the applicable periods.

<sup>6</sup> Does not reflect the effect of sales charges, if any.

<sup>7</sup> Not annualized.

<sup>8</sup> Less than \$500,000.

<sup>9</sup> Annualized.

<sup>10</sup> Annualized. Certain expenses are presented unannualized.



CLASS C SHARES Period ended	4-30-25 <sup>1</sup>	10-31-24	10-31-23	10-31-22	10-31-21 <sup>2</sup>
<b>Per share operating performance</b>					
<b>Net asset value, beginning of period</b>	<b>\$10.49</b>	<b>\$8.37</b>	<b>\$7.86</b>	<b>\$10.65</b>	<b>\$10.00</b>
Net investment loss <sup>3</sup>	(0.05)	(0.10)	(0.07)	(0.08)	(0.04)
Net realized and unrealized gain (loss) on investments	(0.45)	2.22	0.58 <sup>4</sup>	(2.71)	0.69
<b>Total from investment operations</b>	<b>(0.50)</b>	<b>2.12</b>	<b>0.51</b>	<b>(2.79)</b>	<b>0.65</b>
<b>Less distributions</b>					
From net realized gain	(0.65)	—	—	—	—
<b>Net asset value, end of period</b>	<b>\$9.34</b>	<b>\$10.49</b>	<b>\$8.37</b>	<b>\$7.86</b>	<b>\$10.65</b>
<b>Total return (%)<sup>5,6</sup></b>	<b>(4.90)<sup>7</sup></b>	<b>25.33</b>	<b>6.49</b>	<b>(26.20)</b>	<b>6.50<sup>7</sup></b>
<b>Ratios and supplemental data</b>					
Net assets, end of period (in millions)	\$— <sup>8</sup>	\$— <sup>8</sup>	\$— <sup>8</sup>	\$— <sup>8</sup>	\$— <sup>8</sup>
Ratios (as a percentage of average net assets):					
Expenses before reductions	2.32 <sup>9</sup>	2.35	2.53	4.83	4.74 <sup>10</sup>
Expenses including reductions	1.95 <sup>9</sup>	1.96	1.96	1.96	1.97 <sup>10</sup>
Net investment loss	(0.95) <sup>9</sup>	(0.95)	(0.81)	(0.90)	(1.52) <sup>9</sup>
Portfolio turnover (%)	22	43	40	38	7

<sup>1</sup> Six months ended 4-30-25. Unaudited.

<sup>2</sup> Period from 7-21-21 (commencement of operations) to 10-31-21.

<sup>3</sup> Based on average daily shares outstanding.

<sup>4</sup> The amount shown for a share outstanding does not correspond with the aggregate net gain (loss) on investments for the period due to the timing of the sales and repurchases of shares in relation to fluctuating market values of the investments of the fund.

<sup>5</sup> Total returns would have been lower had certain expenses not been reduced during the applicable periods.

<sup>6</sup> Does not reflect the effect of sales charges, if any.

<sup>7</sup> Not annualized.

<sup>8</sup> Less than \$500,000.

<sup>9</sup> Annualized.

<sup>10</sup> Annualized. Certain expenses are presented unannualized.

<b>CLASS I SHARES</b> Period ended	<b>4-30-25<sup>1</sup></b>	<b>10-31-24</b>	<b>10-31-23</b>	<b>10-31-22</b>	<b>10-31-21<sup>2</sup></b>
<b>Per share operating performance</b>					
<b>Net asset value, beginning of period</b>	<b>\$10.82</b>	<b>\$8.55</b>	<b>\$7.95</b>	<b>\$10.68</b>	<b>\$10.00</b>
Net investment income (loss) <sup>3</sup>	— <sup>4</sup>	0.01	— <sup>4</sup>	— <sup>4</sup>	(0.01)
Net realized and unrealized gain (loss) on investments	(0.47)	2.27	0.60 <sup>5</sup>	(2.73)	0.69
<b>Total from investment operations</b>	<b>(0.47)</b>	<b>2.28</b>	<b>0.60</b>	<b>(2.73)</b>	<b>0.68</b>
<b>Less distributions</b>					
From net investment income	—	(0.01)	— <sup>4</sup>	—	—
From net realized gain	(0.65)	—	—	—	—
<b>Total distributions</b>	<b>(0.65)</b>	<b>(0.01)</b>	<b>—<sup>4</sup></b>	<b>—</b>	<b>—</b>
<b>Net asset value, end of period</b>	<b>\$9.70</b>	<b>\$10.82</b>	<b>\$8.55</b>	<b>\$7.95</b>	<b>\$10.68</b>
<b>Total return (%)<sup>6</sup></b>	<b>(4.45)<sup>7</sup></b>	<b>26.71</b>	<b>7.55</b>	<b>(25.56)</b>	<b>6.80<sup>7</sup></b>
<b>Ratios and supplemental data</b>					
Net assets, end of period (in millions)	\$1	\$2	\$— <sup>8</sup>	\$— <sup>8</sup>	\$— <sup>8</sup>
Ratios (as a percentage of average net assets):					
Expenses before reductions	1.32 <sup>9</sup>	1.35	1.53	3.83	3.74 <sup>10</sup>
Expenses including reductions	0.95 <sup>9</sup>	0.96	0.96	0.96	0.97 <sup>10</sup>
Net investment income (loss)	0.05 <sup>9</sup>	0.09	0.04	0.04	(0.48) <sup>9</sup>
Portfolio turnover (%)	22	43	40	38	7

<sup>1</sup> Six months ended 4-30-25. Unaudited.

<sup>2</sup> Period from 7-21-21 (commencement of operations) to 10-31-21.

<sup>3</sup> Based on average daily shares outstanding.

<sup>4</sup> Less than \$0.005 per share.

<sup>5</sup> The amount shown for a share outstanding does not correspond with the aggregate net gain (loss) on investments for the period due to the timing of the sales and repurchases of shares in relation to fluctuating market values of the investments of the fund.

<sup>6</sup> Total returns would have been lower had certain expenses not been reduced during the applicable periods.

<sup>7</sup> Not annualized.

<sup>8</sup> Less than \$500,000.

<sup>9</sup> Annualized.

<sup>10</sup> Annualized. Certain expenses are presented unannualized.

CLASS R6 SHARES Period ended	4-30-25 <sup>1</sup>	10-31-24	10-31-23	10-31-22	10-31-21 <sup>2</sup>
<b>Per share operating performance</b>					
<b>Net asset value, beginning of period</b>	<b>\$10.84</b>	<b>\$8.56</b>	<b>\$7.96</b>	<b>\$10.68</b>	<b>\$10.00</b>
Net investment income (loss) <sup>3</sup>	0.01	0.02	0.02	0.01	(0.01)
Net realized and unrealized gain (loss) on investments	(0.48)	2.28	0.59 <sup>4</sup>	(2.73)	0.69
<b>Total from investment operations</b>	<b>(0.47)</b>	<b>2.30</b>	<b>0.61</b>	<b>(2.72)</b>	<b>0.68</b>
<b>Less distributions</b>					
From net investment income	(0.01)	(0.02)	(0.01)	—	—
From net realized gain	(0.65)	—	—	—	—
<b>Total distributions</b>	<b>(0.66)</b>	<b>(0.02)</b>	<b>(0.01)</b>	<b>—</b>	<b>—</b>
<b>Net asset value, end of period</b>	<b>\$9.71</b>	<b>\$10.84</b>	<b>\$8.56</b>	<b>\$7.96</b>	<b>\$10.68</b>
<b>Total return (%)<sup>5</sup></b>	<b>(4.43)<sup>6</sup></b>	<b>26.92</b>	<b>7.64</b>	<b>(25.47)</b>	<b>6.80<sup>6</sup></b>
<b>Ratios and supplemental data</b>					
Net assets, end of period (in millions)	\$56	\$61	\$56	\$25	\$11
Ratios (as a percentage of average net assets):					
Expenses before reductions	1.21 <sup>7</sup>	1.24	1.42	3.72	3.64 <sup>8</sup>
Expenses including reductions	0.85 <sup>7</sup>	0.85	0.85	0.85	0.86 <sup>8</sup>
Net investment income (loss)	0.16 <sup>7</sup>	0.16	0.25	0.09	(0.37) <sup>7</sup>
Portfolio turnover (%)	22	43	40	38	7

<sup>1</sup> Six months ended 4-30-25. Unaudited.

<sup>2</sup> Period from 7-21-21 (commencement of operations) to 10-31-21.

<sup>3</sup> Based on average daily shares outstanding.

<sup>4</sup> The amount shown for a share outstanding does not correspond with the aggregate net gain (loss) on investments for the period due to the timing of the sales and repurchases of shares in relation to fluctuating market values of the investments of the fund.

<sup>5</sup> Total returns would have been lower had certain expenses not been reduced during the applicable periods.

<sup>6</sup> Not annualized.

<sup>7</sup> Annualized.

<sup>8</sup> Annualized. Certain expenses are presented unannualized.

# Notes to financial statements (unaudited)

## Note 1 — Organization

John Hancock Global Environmental Opportunities Fund (the fund) is a series of John Hancock Investment Trust (the Trust), an open-end management investment company organized as a Massachusetts business trust and registered under the Investment Company Act of 1940, as amended (the 1940 Act). The investment objective of the fund is to seek growth through capital appreciation by investing primarily in Environmental Companies. The manager defines Environmental Companies as: (1) Companies that operate within the Safe Operating Space of the Planetary Boundaries (PB), and (2) Companies, all or a portion of whose business activities reduce stress in at least one of the boundaries in the PB framework. For further information on the fund's investment objective and strategy, see the fund's prospectus. Unless otherwise indicated, defined terms have the same meaning as set forth in the fund's prospectus.

The fund may offer multiple classes of shares. The shares currently outstanding are detailed in the Statement of assets and liabilities. Class A and Class C shares are offered to all investors. Class I shares are offered to institutions and certain investors. Class R6 shares are only available to certain retirement plans, institutions and other investors. Class C shares convert to Class A shares eight years after purchase (certain exclusions may apply). Shareholders of each class have exclusive voting rights to matters that affect that class. The distribution and service fees, if any, and transfer agent fees for each class may differ.

## Note 2 — Significant accounting policies

The financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (US GAAP), which require management to make certain estimates and assumptions as of the date of the financial statements. Actual results could differ from those estimates and those differences could be significant. The fund qualifies as an investment company under Topic 946 of Accounting Standards Codification of US GAAP.

Events or transactions occurring after the end of the fiscal period through the date that the financial statements were issued have been evaluated in the preparation of the financial statements. The following summarizes the significant accounting policies of the fund:

**Security valuation.** Investments are stated at value as of the scheduled close of regular trading on the New York Stock Exchange (NYSE), normally at 4:00 P.M., Eastern Time. In case of emergency or other disruption resulting in the NYSE not opening for trading or the NYSE closing at a time other than the regularly scheduled close, the net asset value (NAV) may be determined as of the regularly scheduled close of the NYSE pursuant to the Valuation Policies and Procedures of the Advisor, John Hancock Investment Management LLC, the fund's valuation designee.

In order to value the securities, the fund uses the following valuation techniques: Equity securities, including exchange-traded or closed-end funds, are typically valued at the last sale price or official closing price on the exchange or principal market where the security trades. In the event there were no sales during the day or closing prices are not available, the securities are valued using the last available bid price. Foreign securities and currencies are valued in U.S. dollars based on foreign currency exchange rates supplied by an independent pricing vendor.

In certain instances, the Pricing Committee of the Advisor may determine to value equity securities using prices obtained from another exchange or market if trading on the exchange or market on which prices are typically obtained did not open for trading as scheduled, or if trading closed earlier than scheduled, and trading occurred as normal on another exchange or market.

Other portfolio securities and assets, for which reliable market quotations are not readily available, are valued at fair value as determined in good faith by the Pricing Committee following procedures established by the Advisor and adopted by the Board of Trustees. The frequency with which these fair valuation procedures are used cannot be predicted and fair value of securities may differ significantly from the value that would have been used had a ready market for such securities existed. Trading in foreign securities may be completed before the scheduled daily close of trading on the NYSE. Significant events at the issuer or market level may affect the values of securities

between the time when the valuation of the securities is generally determined and the close of the NYSE. If a significant event occurs, these securities may be fair valued, as determined in good faith by the Pricing Committee, following procedures established by the Advisor and adopted by the Board of Trustees. The Advisor uses fair value adjustment factors provided by an independent pricing vendor to value certain foreign securities in order to adjust for events that may occur between the close of foreign exchanges or markets and the close of the NYSE.

The fund uses a three tier hierarchy to prioritize the pricing assumptions, referred to as inputs, used in valuation techniques to measure fair value. Level 1 includes securities valued using quoted prices in active markets for identical securities, including registered investment companies. Level 2 includes securities valued using other significant observable inputs. Observable inputs may include quoted prices for similar securities, interest rates, prepayment speeds and credit risk. Prices for securities valued using these inputs are received from independent pricing vendors and brokers and are based on an evaluation of the inputs described. Level 3 includes securities valued using significant unobservable inputs when market prices are not readily available or reliable, including the Advisor’s assumptions in determining the fair value of investments. Factors used in determining value may include market or issuer specific events or trends, changes in interest rates and credit quality. The inputs or methodology used for valuing securities are not necessarily an indication of the risks associated with investing in those securities. Changes in valuation techniques and related inputs may result in transfers into or out of an assigned level within the disclosure hierarchy.

The following is a summary of the values by input classification of the fund’s investments as of April 30, 2025, by major security category or type:

	Total value at 4-30-25	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
<b>Investments in securities:</b>				
<b>Assets</b>				
<b>Common stocks</b>				
Canada	\$5,386,259	\$5,386,259	—	—
Denmark	1,696,815	—	\$1,696,815	—
France	4,351,346	—	4,351,346	—
Germany	2,590,801	—	2,590,801	—
Ireland	4,034,087	4,034,087	—	—
Italy	1,203,925	—	1,203,925	—
Japan	2,501,572	—	2,501,572	—
Netherlands	1,569,766	—	1,569,766	—
Switzerland	1,572,249	—	1,572,249	—
United States	29,989,328	29,989,328	—	—
<b>Total investments in securities</b>	<b>\$54,896,148</b>	<b>\$39,409,674</b>	<b>\$15,486,474</b>	<b>—</b>

**Real estate investment trusts.** The fund may invest in real estate investment trusts (REITs). Distributions from REITs may be recorded as income and subsequently characterized by the REIT at the end of their fiscal year as a reduction of cost of investments and/or as a realized gain. As a result, the fund will estimate the components of distributions from these securities. Such estimates are revised when the actual components of the distributions are known.

**Security transactions and related investment income.** Investment security transactions are accounted for on a trade date plus one basis for daily NAV calculations. However, for financial reporting purposes, investment transactions are reported on trade date. Interest income is accrued as earned. Dividend income is recorded on ex-date, except for dividends of certain foreign securities where the dividend may not be known until after the

ex-date. In those cases, dividend income, net of withholding taxes, is recorded when the fund becomes aware of the dividends. Non-cash dividends, if any, are recorded at the fair market value of the securities received. Gains and losses on securities sold are determined on the basis of identified cost and may include proceeds from litigation.

**Foreign investing.** Assets, including investments, and liabilities denominated in foreign currencies are translated into U.S. dollar values each day at the prevailing exchange rate. Purchases and sales of securities, income and expenses are translated into U.S. dollars at the prevailing exchange rate on the date of the transaction. The effect of changes in foreign currency exchange rates on the value of securities is reflected as a component of the realized and unrealized gains (losses) on investments. Foreign investments are subject to a decline in the value of a foreign currency versus the U.S. dollar, which reduces the dollar value of securities denominated in that currency.

Funds that invest internationally generally carry more risk than funds that invest strictly in U.S. securities. Risks can result from differences in economic and political conditions, regulations, market practices (including higher transaction costs), accounting standards and other factors.

**Foreign taxes.** The fund may be subject to withholding tax on income, capital gains or repatriations imposed by certain countries, a portion of which may be recoverable. Foreign taxes are accrued based upon the fund's understanding of the tax rules and rates that exist in the foreign markets in which it invests. Taxes are accrued based on gains realized by the fund as a result of certain foreign security sales. In certain circumstances, estimated taxes are accrued based on unrealized appreciation of such securities. Investment income is recorded net of foreign withholding taxes.

**Overdraft.** The fund may have the ability to borrow from banks for temporary or emergency purposes, including meeting redemption requests that otherwise might require the untimely sale of securities. Pursuant to the fund's custodian agreement, the custodian may loan money to the fund to make properly authorized payments. The fund is obligated to repay the custodian for any overdraft, including any related costs or expenses. The custodian may have a lien, security interest or security entitlement in any fund property that is not otherwise segregated or pledged, to the extent of any overdraft, and to the maximum extent permitted by law.

**Line of credit.** The fund and other affiliated funds have entered into a syndicated line of credit agreement with Citibank, N.A. as the administrative agent that enables them to participate in a \$1 billion unsecured committed line of credit, which is in effect through July 14, 2025 unless extended or renewed. Excluding commitments designated for certain funds and subject to the needs of all other affiliated funds, the fund can borrow up to an aggregate commitment amount of \$750 million, subject to asset coverage and other limitations as specified in the agreement. A commitment fee payable at the end of each calendar quarter, based on the average daily unused portion of the line of credit, is charged to each participating fund based on an asset-based allocation and is reflected in Other expenses on the Statement of operations. For the six months ended April 30, 2025, the fund had no borrowings under the line of credit. Commitment fees for the six months ended April 30, 2025 were \$147.

**Expenses.** Within the John Hancock group of funds complex, expenses that are directly attributable to an individual fund are allocated to such fund. Expenses that are not readily attributable to a specific fund are allocated among all funds in an equitable manner, taking into consideration, among other things, the nature and type of expense and the fund's relative net assets. Expense estimates are accrued in the period to which they relate and adjustments are made when actual amounts are known.

**Class allocations.** Income, common expenses and realized and unrealized gains (losses) are determined at the fund level and allocated daily to each class of shares based on the net assets of the class. Class-specific expenses, such as distribution and service fees, if any, and transfer agent fees, for all classes, are charged daily at the class level based on the net assets of each class and the specific expense rates applicable to each class.

**Federal income taxes.** The fund intends to continue to qualify as a regulated investment company by complying with the applicable provisions of the Internal Revenue Code and will not be subject to federal income tax on taxable income that is distributed to shareholders. Therefore, no federal income tax provision is required.

For federal income tax purposes, as of October 31, 2024, the fund has a short-term capital loss carryforward of \$400,974 and a long-term capital loss carryforward of \$309,221 available to offset future net realized capital gains. These carryforwards do not expire.

As of October 31, 2024, the fund had no uncertain tax positions that would require financial statement recognition, derecognition or disclosure. The fund's federal tax returns are subject to examination by the Internal Revenue Service for a period of three years.

**Distribution of income and gains.** Distributions to shareholders from net investment income and net realized gains, if any, are recorded on the ex-date. The fund generally declares and pays dividends annually. Capital gain distributions, if any, are typically distributed annually.

Distributions paid by the fund with respect to each class of shares are calculated in the same manner, at the same time and in the same amount, except for the effect of class level expenses that may be applied differently to each class.

Such distributions, on a tax basis, if any, are determined in conformity with income tax regulations, which may differ from US GAAP. Distributions in excess of tax basis earnings and profits, if any, are reported in the fund's financial statements as a return of capital. The final determination of tax characteristics of the fund's distribution will occur at the end of the year and will subsequently be reported to shareholders.

Capital accounts within the financial statements are adjusted for permanent book-tax differences at fiscal year end. These adjustments have no impact on net assets or the results of operations. Temporary book-tax differences, if any, will reverse in a subsequent period. Book-tax differences are primarily attributable to wash sale loss deferrals.

### **Note 3 — Guarantees and indemnifications**

Under the Trust's organizational documents, its Officers and Trustees are indemnified against certain liabilities arising out of the performance of their duties to the Trust, including the fund. Additionally, in the normal course of business, the fund enters into contracts with service providers that contain general indemnification clauses. The fund's maximum exposure under these arrangements is unknown, as this would involve future claims that may be made against the fund that have not yet occurred. The risk of material loss from such claims is considered remote.

### **Note 4 — Fees and transactions with affiliates**

John Hancock Investment Management LLC (the Advisor) serves as investment advisor for the fund. John Hancock Investment Management Distributors LLC (the Distributor), an affiliate of the Advisor, serves as principal underwriter of the fund. The Advisor and the Distributor are indirect, principally owned subsidiaries of John Hancock Life Insurance Company (U.S.A.), which in turn is a subsidiary of Manulife Financial Corporation.

**Management fee.** The fund has an investment management agreement with the Advisor under which the fund pays a daily management fee to the Advisor equivalent on an annual basis to the sum of: (a) 0.840% of the first \$250 million of the fund's aggregate net assets; (b) 0.815% of the next \$250 million of the fund's aggregate net assets; (c) 0.790% of the next \$500 million of the fund's aggregate net assets; (d) 0.750% of the next \$1 billion of the fund's aggregate net assets; and (e) 0.730% of the fund's aggregate net assets in excess of \$2 billion. When aggregate net assets exceed \$1 billion, but are less than or equal to \$2 billion, the advisory fee rate is 0.750% on all net assets of the fund. When aggregate net assets exceed \$2 billion, the advisory fee rate is 0.730% on all net assets of the fund. Aggregate net assets include the net assets of the fund, Manulife Global Thematic Opportunities Fund (a Canadian mutual fund trust), and Manulife Global Thematic Opportunities Class (a class of mutual fund shares of Manulife Investment Exchange Funds Corp.) (Canadian Class), excluding the Canadian Class invested in the Manulife Global Thematic Opportunities Fund. Prior to March 28, 2025, aggregate

net assets also included the net assets of John Hancock Global Thematic Opportunities Fund (a series of John Hancock Investment Trust). The Advisor has a subadvisory agreement with Pictet Asset Management SA. The fund is not responsible for payment of the subadvisory fees.

The Advisor has contractually agreed to waive a portion of its management fee and/or reimburse expenses for certain funds of the John Hancock group of funds complex, including the fund (the participating portfolios). This waiver is based upon aggregate net assets of all the participating portfolios. The amount of the reimbursement is calculated daily and allocated among all the participating portfolios in proportion to the daily net assets of each fund. During the six months ended April 30, 2025, this waiver amounted to 0.01% of the fund's average daily net assets, on an annualized basis. This agreement expires on July 31, 2026, unless renewed by mutual agreement of the fund and the Advisor based upon a determination that this is appropriate under the circumstances at that time.

The Advisor has contractually agreed to reduce its management fee or, if necessary, make payment to the fund in an amount equal to the amount by which expenses of the fund exceed 0.84% of average daily net assets of the fund. For purposes of this agreement, "expenses of the fund" means all fund expenses, excluding (a) taxes, (b) brokerage commissions, (c) interest expense, (d) litigation and indemnification expenses and other extraordinary expenses not incurred in the ordinary course of the fund's business, (e) class-specific expenses, (f) borrowing costs, (g) prime brokerage fees, (h) acquired fund fees and expenses paid indirectly, and (i) short dividend expense. This agreement expires on February 28, 2026, unless renewed by mutual agreement of the fund and the Advisor based upon a determination that this is appropriate under the circumstances at that time.

For the six months ended April 30, 2025, the expense reductions described above amounted to the following:

Class	Expense reduction	Class	Expense reduction
Class A	\$914	Class R6	\$103,155
Class C	89	<b>Total</b>	<b>\$106,943</b>
Class I	2,785		

Expenses waived or reimbursed in the current fiscal period are not subject to recapture in future fiscal periods.

The investment management fees, including the impact of the waivers and reimbursements as described above, incurred for the six months ended April 30, 2025, were equivalent to a net annual effective rate of 0.46% of the fund's average daily net assets.

**Accounting and legal services.** Pursuant to a service agreement, the fund reimburses the Advisor for all expenses associated with providing the administrative, financial, legal, compliance, accounting and recordkeeping services to the fund, including the preparation of all tax returns, periodic reports to shareholders and regulatory reports, among other services. These expenses are allocated to each share class based on its relative net assets at the time the expense was incurred. These accounting and legal services fees incurred, for the six months ended April 30, 2025, amounted to an annual rate of 0.02% of the fund's average daily net assets.

**Distribution and service plans.** The fund has a distribution agreement with the Distributor. The fund has adopted distribution and service plans for certain classes as detailed below pursuant to Rule 12b-1 under the 1940 Act, to pay the Distributor for services provided as the distributor of shares of the fund. The fund may pay up to the following contractual rates of distribution and service fees under these arrangements, expressed as an annual percentage of average daily net assets for each class of the fund's shares:

Class	Rule 12b-1 Fee
Class A	0.25%
Class C	1.00%



**Sales charges.** Class A shares are assessed up-front sales charges, which resulted in payments to the Distributor amounting to \$59 for the six months ended April 30, 2025. Of this amount, \$10 was retained and used for printing prospectuses, advertising, sales literature and other purposes and \$49 was paid as sales commissions to broker-dealers.

Class A and Class C shares may be subject to contingent deferred sales charges (CDSCs). Certain Class A shares purchased, including those that are acquired through purchases of \$1 million or more, and redeemed within one year of purchase are subject to a 1.00% CDSC. Class C shares that are redeemed within one year of purchase are subject to a 1.00% CDSC. CDSCs are applied to the lesser of the current market value at the time of redemption or the original purchase cost of the shares being redeemed. Proceeds from CDSCs are used to compensate the Distributor for providing distribution-related services in connection with the sale of these shares. During the six months ended April 30, 2025, there were no CDSCs received by the Distributor for Class A or Class C shares.

**Transfer agent fees.** The John Hancock group of funds has a complex-wide transfer agent agreement with John Hancock Signature Services, Inc. (Signature Services), an affiliate of the Advisor. The transfer agent fees paid to Signature Services are determined based on the cost to Signature Services (Signature Services Cost) of providing recordkeeping services. It also includes out-of-pocket expenses, including payments made to third-parties for recordkeeping services provided to their clients who invest in one or more John Hancock funds. In addition, Signature Services Cost may be reduced by certain fees that Signature Services receives in connection with retirement and small accounts. Signature Services Cost is calculated monthly and allocated, as applicable, to three categories of share classes: Retail Share Classes of Non-Municipal Bond Funds, Retirement Share Classes and Retail Share Classes of Municipal Bond Funds. Within each of these categories, the applicable costs are allocated to the affected John Hancock affiliated funds and/or classes, based on the relative average daily net assets.

**Class level expenses.** Class level expenses for the six months ended April 30, 2025 were as follows:

Class	Distribution and service fees	Transfer agent fees
Class A	\$616	\$280
Class C	241	28
Class I	—	860
Class R6	—	1,353
<b>Total</b>	<b>\$857</b>	<b>\$2,521</b>

**Trustee expenses.** The fund compensates each Trustee who is not an employee of the Advisor or its affiliates. The costs of paying Trustee compensation and expenses are allocated to the fund based on its net assets relative to other funds within the John Hancock group of funds complex.

**Note 5 — Fund share transactions**

Transactions in fund shares for the six months ended April 30, 2025 and for the year ended October 31, 2024 were as follows:

	Six Months Ended 4-30-25		Year Ended 10-31-24	
	Shares	Amount	Shares	Amount
<b>Class A shares</b>				
Sold	13,599	\$140,042	14,714	\$154,686
Distributions reinvested	3,141	30,638	—	—
Repurchased	(8,595)	(82,584)	(18,073)	(194,840)
<b>Net increase (decrease)</b>	<b>8,145</b>	<b>\$88,096</b>	<b>(3,359)</b>	<b>\$(40,154)</b>

	Six Months Ended 4-30-25		Year Ended 10-31-24	
	Shares	Amount	Shares	Amount
<b>Class C shares</b>				
Distributions reinvested	1	\$7	—	—
<b>Net increase</b>	<b>1</b>	<b>\$7</b>	<b>—</b>	<b>—</b>
<b>Class I shares</b>				
Sold	25,985	\$262,240	155,933	\$1,602,145
Distributions reinvested	8,876	87,426	33	328
Repurchased	(50,953)	(530,825)	(23,770)	(258,380)
<b>Net increase (decrease)</b>	<b>(16,092)</b>	<b>\$(181,159)</b>	<b>132,196</b>	<b>\$1,344,093</b>
<b>Class R6 shares</b>				
Sold	149,434	\$1,431,693	—	—
Repurchased	—	—	(922,508)	\$(9,944,648)
<b>Net increase (decrease)</b>	<b>149,434</b>	<b>\$1,431,693</b>	<b>(922,508)</b>	<b>\$(9,944,648)</b>
<b>Total net increase (decrease)</b>	<b>141,488</b>	<b>\$1,338,637</b>	<b>(793,671)</b>	<b>\$(8,640,709)</b>

Affiliates of the fund owned 100%, 3% and 97% of shares of Class C, Class I and R6, respectively, on April 30, 2025. As of April 30, 2025, one shareholder held approximately 21% of the fund. Such concentration of shareholders' capital could have a material effect on the fund if such shareholders redeem from the fund. For the year ended October 31, 2024, there was no Class C shares activity.

#### Note 6 — Purchase and sale of securities

Purchases and sales of securities, other than short-term investments, amounted to \$12,543,445 and \$16,827,426, respectively, for the six months ended April 30, 2025.

#### Note 7 — Industry or sector risk

The fund may invest a large percentage of its assets in one or more particular industries or sectors of the economy. If a large percentage of the fund's assets are economically tied to a single or small number of industries or sectors of the economy, the fund will be less diversified than a more broadly diversified fund, and it may cause the fund to underperform if that industry or sector underperforms. In addition, focusing on a particular industry or sector may make the fund's NAV more volatile. Further, a fund that invests in particular industries or sectors is particularly susceptible to the impact of market, economic, regulatory and other factors affecting those industries or sectors. The industrials sector may be affected by general economic conditions, commodity productions and pricing, supply and demand fluctuations, environmental and other government regulation, and technological developments, among other factors.

#### Note 8 — Environmentally focused and environmental, social, and governance (ESG) investing risks

The fund's environmental criteria limit the available investments compared to funds with no such criteria. The fund's incorporation of environmental criteria may affect the fund's exposure to certain sectors and/or types of investments, and under certain economic conditions, this could cause the fund to underperform funds that invest in a broader array of investments depending on whether such sectors or investments are in or out of favor in the market. The data provided by third parties may be incomplete, inaccurate or unavailable, which could cause the manager to incorrectly assess environmental data related to a particular company.

Incorporating ESG criteria and investing primarily in instruments that have certain ESG characteristics, as determined by the manager, carries the risk that the fund may perform differently, including underperforming, funds that do not utilize an ESG investment strategy, or funds that utilize different ESG criteria. Although the manager has established its own process for evaluation of ESG factors, successful application of the fund's sustainable investment strategy will depend on the manager's skill in researching, identifying and analyzing material ESG issues, as well as on the availability of relevant data. ESG factors may be evaluated differently by different managers, and may not carry the same meaning to all investors and managers. The regulatory landscape with respect to ESG investing in the United States is evolving and any future rules or regulations may require the fund to change its investment process with respect to ESG integration.

#### **Note 9 — New accounting pronouncement**

In this reporting period, the fund adopted Financial Accounting Standards Board Accounting Standards Update 2023-07, Segment Reporting (Topic 280) - Improvements to Reportable Segment Disclosures (ASU 2023-07). Adoption of the new standard impacted financial statement disclosures only and did not affect the fund's financial position or the results of its operations. The management committee of the Advisor acts as the fund's chief operating decision maker (the CODM), assessing performance and making decisions about resource allocation. The fund represents a single operating segment, as the CODM monitors and assesses the operating results of the fund as a whole, and the fund's long-term strategic asset allocation is managed in accordance with the terms of its prospectus, based on a defined investment strategy which is executed by the portfolio management team of the fund's subadvisor. Segment assets are reflected in the Statement of assets and liabilities as "Total assets", which consists primarily of total investments at value. The financial information, including the measurement of profit and loss and significant expenses, provided to and reviewed by the CODM is consistent with that presented within the Statement of operations, which includes "Increase (decrease) in net assets from operations", Statements of changes in net assets, which includes "Increase (decrease) in net assets from fund share transactions", and Financial highlights, which includes total return and income and expense ratios.

#### **Note 10 — Subsequent Event**

At its meeting held on December 12, 2024, the Board of Trustees of the Trust voted to approve a reorganization of John Hancock ESG International Equity Fund, a separate series of the Trust, into the fund (the reorganization).

The reorganization, which qualified as a tax-free reorganization, occurred after the close of business on May 16, 2025. John Hancock ESG International Equity Fund transferred all of its assets to the fund in exchange for shares of the fund. The fund also assumed substantially all of the liabilities of John Hancock ESG International Equity Fund.



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