



**Manulife®**  
Investments

*John Hancock*

**Semiannual Financial Statements  
& Other N-CSR Items**

# John Hancock ESG International Equity Fund

International equity

April 30, 2025

# John Hancock

## ESG International Equity Fund

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# Fund's investments

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

	Shares	Value
<b>Common stocks 98.4%</b>		<b>\$75,445,784</b>
(Cost \$55,251,553)		
<b>Australia 1.1%</b>		<b>837,096</b>
Macquarie Group, Ltd.	6,774	837,096
<b>Brazil 2.4%</b>		<b>1,868,632</b>
Itau Unibanco Holding SA, ADR	170,237	1,074,195
WEG SA	100,998	794,437
<b>Canada 1.4%</b>		<b>1,038,133</b>
Canadian Pacific Kansas City, Ltd.	14,325	1,038,133
<b>China 6.9%</b>		<b>5,307,800</b>
BYD Company, Ltd., H Shares	34,894	1,657,333
China Merchants Bank Company, Ltd., H Shares	189,275	1,032,427
Meituan, Class B (A)(B)	45,810	758,496
Ping An Insurance Group Company of China, Ltd., H Shares	180,727	1,081,657
Tencent Holdings, Ltd.	12,700	777,887
<b>Denmark 2.1%</b>		<b>1,616,217</b>
Novo Nordisk A/S, Class B	19,186	1,282,805
Vestas Wind Systems A/S	25,008	333,412
<b>France 6.3%</b>		<b>4,864,271</b>
AXA SA	45,219	2,138,671
Schneider Electric SE	7,538	1,761,220
Veolia Environnement SA	26,404	964,380
<b>Germany 11.7%</b>		<b>8,941,862</b>
Beiersdorf AG	6,057	853,418
Deutsche Telekom AG	72,682	2,610,555
Hannover Rueck SE	4,256	1,366,173
Mercedes-Benz Group AG	12,321	736,657
SAP SE	7,605	2,225,135
Siemens AG	4,994	1,149,924
<b>India 1.9%</b>		<b>1,483,167</b>
HDFC Bank, Ltd., ADR	20,404	1,483,167
<b>Indonesia 1.1%</b>		<b>851,247</b>
Bank Rakyat Indonesia Persero Tbk PT	3,675,351	851,247
<b>Ireland 2.0%</b>		<b>1,564,483</b>
James Hardie Industries PLC, CHESS Depositary Interest (B)	24,838	583,002
Kerry Group PLC, Class A	329	34,828
Kerry Group PLC, Class A (London Stock Exchange)	8,685	946,653

	Shares	Value
<b>Italy 2.7%</b>		<b>\$2,093,158</b>
Intesa Sanpaolo SpA	217,859	1,162,992
Prysmian SpA	16,933	930,166
<b>Japan 13.3%</b>		<b>10,221,728</b>
Ajinomoto Company, Inc.	25,600	523,624
Hoya Corp.	6,603	776,949
Keisei Electric Railway Company, Ltd.	78,500	813,410
Kurita Water Industries, Ltd.	22,651	749,921
Kyowa Kirin Company, Ltd.	37,300	582,425
Mitsubishi Electric Corp.	60,000	1,160,724
Mitsubishi UFJ Financial Group, Inc.	120,200	1,514,414
ORIX Corp.	56,104	1,125,448
Sony Group Corp.	57,105	1,506,589
T&D Holdings, Inc.	69,000	1,468,224
<b>Netherlands 5.2%</b>		<b>4,004,702</b>
ASM International NV	1,178	575,790
ASML Holding NV	1,289	862,910
ING Groep NV	78,331	1,521,133
Koninklijke Ahold Delhaize NV	25,448	1,044,869
<b>Philippines 1.4%</b>		<b>1,070,555</b>
BDO Unibank, Inc.	373,008	1,070,555
<b>Portugal 1.0%</b>		<b>744,633</b>
Jeronimo Martins SGPS SA	30,767	744,633
<b>Singapore 6.6%</b>		<b>5,020,790</b>
Oversea-Chinese Banking Corp., Ltd.	168,321	2,083,101
Singapore Telecommunications, Ltd.	664,500	1,922,530
Trip.com Group, Ltd., ADR	17,209	1,015,159
<b>South Africa 2.3%</b>		<b>1,761,186</b>
Naspers, Ltd., N Shares	6,698	1,761,186
<b>South Korea 3.0%</b>		<b>2,323,054</b>
HD Hyundai Electric Company, Ltd.	2,074	451,354
Hyundai Motor Company	5,326	713,681
SK Hynix, Inc.	9,281	1,158,019
<b>Spain 1.5%</b>		<b>1,130,295</b>
Industria de Diseno Textil SA	21,019	1,130,295
<b>Sweden 1.2%</b>		<b>912,153</b>
Atlas Copco AB, B Shares	65,690	912,153
<b>Switzerland 5.3%</b>		<b>4,021,085</b>
Cie Financiere Richemont SA, A Shares	4,095	723,608
DSM-Firmenich AG	5,700	619,208

	Shares	Value
<b>Switzerland (continued)</b>		
Novartis AG	11,742	\$1,339,260
Roche Holding AG	4,095	1,339,009
<b>Taiwan 6.2%</b>		<b>4,748,479</b>
Airtac International Group	20,700	568,551
Delta Electronics, Inc.	84,458	884,967
Taiwan Semiconductor Manufacturing Company, Ltd., ADR	19,767	3,294,961
<b>United Kingdom 11.8%</b>		<b>9,021,058</b>
Ashtead Group PLC	8,477	453,792
AstraZeneca PLC	10,047	1,439,394
ConvaTec Group PLC (A)	271,366	943,442
London Stock Exchange Group PLC	4,845	754,418
RELX PLC	16,123	879,910
SSE PLC	52,055	1,173,630
Taylor Wimpey PLC	541,533	850,911
The Sage Group PLC	50,525	837,631
Unilever PLC	26,469	1,687,930
<b>Total investments (Cost \$55,251,553) 98.4%</b>		<b>\$75,445,784</b>
<b>Other assets and liabilities, net 1.6%</b>		<b>1,255,385</b>
<b>Total net assets 100.0%</b>		<b>\$76,701,169</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**

ADR American Depositary Receipt

(A) This security is exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.

(B) Non-income producing security.

At 4-30-25, the aggregate cost of investments for federal income tax purposes was \$57,684,365. Net unrealized appreciation aggregated to \$17,761,419, of which \$19,842,989 related to gross unrealized appreciation and \$2,081,570 related to gross unrealized depreciation.

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

Financials	26.8%
Industrials	15.6%
Consumer discretionary	14.2%
Information technology	12.8%
Health care	10.1%
Consumer staples	7.6%
Communication services	6.9%
Utilities	2.8%
Materials	1.6%
Other assets and liabilities, net	1.6%
<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 \$55,251,553)	\$75,445,784
Foreign currency, at value (Cost \$65,073)	66,011
Dividends and interest receivable	534,586
Receivable for fund shares sold	5,513
Receivable for investments sold	1,400,306
Receivable from affiliates	2,216
Other assets	7,371
<b>Total assets</b>	<b>77,461,787</b>
<b>Liabilities</b>	
Due to custodian	528,883
Payable for fund shares repurchased	73,703
Payable to affiliates	
Accounting and legal services fees	2,096
Transfer agent fees	3,696
Trustees' fees	135
Other liabilities and accrued expenses	152,105
<b>Total liabilities</b>	<b>760,618</b>
<b>Net assets</b>	<b>\$76,701,169</b>
<b>Net assets consist of</b>	
Paid-in capital	\$68,874,119
Total distributable earnings (loss)	7,827,050
<b>Net assets</b>	<b>\$76,701,169</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 (\$11,334,227 ÷ 765,125 shares) <sup>1</sup>	\$14.81
Class I (\$26,168,315 ÷ 1,763,799 shares)	\$14.84
Class R6 (\$39,198,627 ÷ 2,640,590 shares)	\$14.84
<b>Maximum offering price per share</b>	
Class A (net asset value per share ÷ 95%) <sup>2</sup>	\$15.59

<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	\$1,094,552
Interest	7,609
Less foreign taxes withheld	(97,881)
<b>Total investment income</b>	<b>1,004,280</b>
<b>Expenses</b>	
Investment management fees	375,061
Distribution and service fees	14,367
Accounting and legal services fees	7,873
Transfer agent fees	28,378
Trustees' fees	1,437
Custodian fees	26,734
State registration fees	57,935
Printing and postage	72,430
Professional fees	162,659
Other	16,053
<b>Total expenses</b>	<b>762,927</b>
Less expense reductions	(339,767)
<b>Net expenses</b>	<b>423,160</b>
<b>Net investment income</b>	<b>581,120</b>
<b>Realized and unrealized gain (loss)</b>	
<b>Net realized gain (loss) on</b>	
Unaffiliated investments and foreign currency transactions	4,955,419
	<b>4,955,419</b>
<b>Change in net unrealized appreciation (depreciation) of</b>	
Unaffiliated investments and translation of assets and liabilities in foreign currencies	(2,998,323)
	<b>(2,998,323)</b>
<b>Net realized and unrealized gain</b>	<b>1,957,096</b>
<b>Increase in net assets from operations</b>	<b>\$2,538,216</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	\$581,120	\$1,911,526
Net realized gain (loss)	4,955,419	(1,884,164)
Change in net unrealized appreciation (depreciation)	(2,998,323)	29,801,442
<b>Increase in net assets resulting from operations</b>	<b>2,538,216</b>	<b>29,828,804</b>
<b>Distributions to shareholders</b>		
From earnings		
Class A	(333,683)	(211,725)
Class I	(1,309,269)	(1,786,278)
Class R6	(1,285,139)	(1,267,019)
<b>Total distributions</b>	<b>(2,928,091)</b>	<b>(3,265,022)</b>
<b>From fund share transactions</b>	<b>(17,862,214)</b>	<b>(72,947,810)</b>
<b>Total decrease</b>	<b>(18,252,089)</b>	<b>(46,384,028)</b>
<b>Net assets</b>		
Beginning of period	94,953,258	141,337,286
<b>End of period</b>	<b>\$76,701,169</b>	<b>\$94,953,258</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	10-31-20
<b>Per share operating performance</b>						
<b>Net asset value, beginning of period</b>	<b>\$14.76</b>	<b>\$12.16</b>	<b>\$11.49</b>	<b>\$16.88</b>	<b>\$13.87</b>	<b>\$12.78</b>
Net investment income <sup>2</sup>	0.08	0.17	0.19	0.29	0.08	0.05
Net realized and unrealized gain (loss) on investments	0.39	2.70	0.58	(4.90)	3.00	1.29
<b>Total from investment operations</b>	<b>0.47</b>	<b>2.87</b>	<b>0.77</b>	<b>(4.61)</b>	<b>3.08</b>	<b>1.34</b>
<b>Less distributions</b>						
From net investment income	(0.42)	(0.27)	(0.10)	(0.29)	(0.07)	(0.25)
From net realized gain	—	—	—	(0.49)	—	—
<b>Total distributions</b>	<b>(0.42)</b>	<b>(0.27)</b>	<b>(0.10)</b>	<b>(0.78)</b>	<b>(0.07)</b>	<b>(0.25)</b>
<b>Net asset value, end of period</b>	<b>\$14.81</b>	<b>\$14.76</b>	<b>\$12.16</b>	<b>\$11.49</b>	<b>\$16.88</b>	<b>\$13.87</b>
<b>Total return (%)<sup>3,4</sup></b>	<b>3.36<sup>5</sup></b>	<b>23.86</b>	<b>6.70</b>	<b>(28.43)</b>	<b>22.22</b>	<b>10.59</b>
<b>Ratios and supplemental data</b>						
Net assets, end of period (in millions)	\$11	\$12	\$10	\$8	\$9	\$6
Ratios (as a percentage of average net assets):						
Expenses before reductions	2.00 <sup>6</sup>	1.45	1.42	1.43	1.48	1.59
Expenses including reductions	1.23 <sup>6</sup>	1.23	1.22	1.22	1.25	1.29
Net investment income	1.17 <sup>6</sup>	1.22	1.42	2.19	0.46	0.36
Portfolio turnover (%)	14	28	27	27	28	34

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

<sup>2</sup> Based on average daily shares outstanding.

<sup>3</sup> Total returns would have been lower had certain expenses not been reduced during the applicable periods.

<sup>4</sup> Does not reflect the effect of sales charges, if any.

<sup>5</sup> Not annualized.

<sup>6</sup> Annualized.

<b>CLASS I SHARES Period ended</b>	<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</b>	<b>10-31-20</b>
<b>Per share operating performance</b>						
<b>Net asset value, beginning of period</b>	<b>\$14.80</b>	<b>\$12.19</b>	<b>\$11.52</b>	<b>\$16.93</b>	<b>\$13.90</b>	<b>\$12.80</b>
Net investment income <sup>2</sup>	0.08	0.21	0.23	0.34	0.18	0.08
Net realized and unrealized gain (loss) on investments	0.41	2.71	0.57	(4.93)	2.95	1.30
<b>Total from investment operations</b>	<b>0.49</b>	<b>2.92</b>	<b>0.80</b>	<b>(4.59)</b>	<b>3.13</b>	<b>1.38</b>
<b>Less distributions</b>						
From net investment income	(0.45)	(0.31)	(0.13)	(0.33)	(0.10)	(0.28)
From net realized gain	—	—	—	(0.49)	—	—
<b>Total distributions</b>	<b>(0.45)</b>	<b>(0.31)</b>	<b>(0.13)</b>	<b>(0.82)</b>	<b>(0.10)</b>	<b>(0.28)</b>
<b>Net asset value, end of period</b>	<b>\$14.84</b>	<b>\$14.80</b>	<b>\$12.19</b>	<b>\$11.52</b>	<b>\$16.93</b>	<b>\$13.90</b>
<b>Total return (%)<sup>3</sup></b>	<b>3.55<sup>4</sup></b>	<b>24.19</b>	<b>6.95</b>	<b>(28.27)</b>	<b>22.57</b>	<b>10.90</b>
<b>Ratios and supplemental data</b>						
Net assets, end of period (in millions)	\$26	\$43	\$84	\$86	\$114	\$55
Ratios (as a percentage of average net assets):						
Expenses before reductions	1.75 <sup>5</sup>	1.20	1.17	1.18	1.23	1.34
Expenses including reductions	0.98 <sup>5</sup>	0.98	0.97	0.97	1.00	1.04
Net investment income	1.10 <sup>5</sup>	1.47	1.70	2.48	1.05	0.62
Portfolio turnover (%)	14	28	27	27	28	34

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

<sup>2</sup> Based on average daily shares outstanding.

<sup>3</sup> Total returns would have been lower had certain expenses not been reduced during the applicable periods.

<sup>4</sup> Not annualized.

<sup>5</sup> Annualized.

<b>CLASS R6 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</b>	<b>10-31-20</b>
<b>Per share operating performance</b>						
<b>Net asset value, beginning of period</b>	<b>\$14.82</b>	<b>\$12.20</b>	<b>\$11.53</b>	<b>\$16.95</b>	<b>\$13.91</b>	<b>\$12.81</b>
Net investment income <sup>2</sup>	0.11	0.23	0.24	0.31	0.20	0.06
Net realized and unrealized gain (loss) on investments	0.38	2.71	0.58	(4.89)	2.96	1.33
<b>Total from investment operations</b>	<b>0.49</b>	<b>2.94</b>	<b>0.82</b>	<b>(4.58)</b>	<b>3.16</b>	<b>1.39</b>
<b>Less distributions</b>						
From net investment income	(0.47)	(0.32)	(0.15)	(0.35)	(0.12)	(0.29)
From net realized gain	—	—	—	(0.49)	—	—
<b>Total distributions</b>	<b>(0.47)</b>	<b>(0.32)</b>	<b>(0.15)</b>	<b>(0.84)</b>	<b>(0.12)</b>	<b>(0.29)</b>
<b>Net asset value, end of period</b>	<b>\$14.84</b>	<b>\$14.82</b>	<b>\$12.20</b>	<b>\$11.53</b>	<b>\$16.95</b>	<b>\$13.91</b>
<b>Total return (%)<sup>3</sup></b>	<b>3.52<sup>4</sup></b>	<b>24.39</b>	<b>7.07</b>	<b>(28.22)</b>	<b>22.73</b>	<b>11.01</b>
<b>Ratios and supplemental data</b>						
Net assets, end of period (in millions)	\$39	\$40	\$48	\$37	\$2	\$1
Ratios (as a percentage of average net assets):						
Expenses before reductions	1.64 <sup>5</sup>	1.09	1.06	1.07	1.12	1.23
Expenses including reductions	0.87 <sup>5</sup>	0.87	0.86	0.86	0.90	0.92
Net investment income	1.56 <sup>5</sup>	1.62	1.79	2.49	1.21	0.42
Portfolio turnover (%)	14	28	27	27	28	34

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

<sup>2</sup> Based on average daily shares outstanding.

<sup>3</sup> Total returns would have been lower had certain expenses not been reduced during the applicable periods.

<sup>4</sup> Not annualized.

<sup>5</sup> Annualized.

# Notes to financial statements (unaudited)

## Note 1 — Organization

John Hancock ESG International Equity 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 long-term capital appreciation.

The fund may offer multiple classes of shares. The shares currently outstanding are detailed in the Statement of assets and liabilities. Class A 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. 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>				
Australia	\$837,096	—	\$837,096	—
Brazil	1,868,632	\$1,868,632	—	—
Canada	1,038,133	1,038,133	—	—
China	5,307,800	—	5,307,800	—
Denmark	1,616,217	—	1,616,217	—
France	4,864,271	—	4,864,271	—
Germany	8,941,862	—	8,941,862	—
India	1,483,167	1,483,167	—	—
Indonesia	851,247	—	851,247	—
Ireland	1,564,483	—	1,564,483	—
Italy	2,093,158	—	2,093,158	—
Japan	10,221,728	—	10,221,728	—
Netherlands	4,004,702	—	4,004,702	—
Philippines	1,070,555	—	1,070,555	—
Portugal	744,633	—	744,633	—
Singapore	5,020,790	1,015,159	4,005,631	—
South Africa	1,761,186	—	1,761,186	—
South Korea	2,323,054	—	2,323,054	—
Spain	1,130,295	—	1,130,295	—
Sweden	912,153	—	912,153	—
Switzerland	4,021,085	—	4,021,085	—
Taiwan	4,748,479	3,294,961	1,453,518	—
United Kingdom	9,021,058	—	9,021,058	—
<b>Total investments in securities</b>	<b>\$75,445,784</b>	<b>\$8,700,052</b>	<b>\$66,745,732</b>	<b>—</b>

**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. These risks are heightened for investments in emerging markets. Risks can result from differences in economic and political conditions, regulations, market practices (including higher transaction costs), accounting standards and other factors.

There may be unexpected restrictions on investments or on exposures to investments in companies located in certain foreign countries, such as China. For example, a government may restrict investment in companies or industries considered important to national interests, or intervene in the financial markets, such as by imposing trading restrictions, or banning or curtailing short selling. As a result of forced sales of a security, or inability to participate in an investment the manager otherwise believes is attractive, a fund may incur losses.

Trading in certain Chinese securities through Hong Kong Stock Connect or Bond Connect, mutual market access programs that enable foreign investment in the People's Republic of China, is subject to certain restrictions and risks. Securities offered through these programs may lose purchase eligibility and any changes in laws, regulations and policies impacting these programs may affect security prices, which could adversely affect the fund's performance.

**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. Overdrafts at period end are presented under the caption Due to custodian in the Statement of assets and liabilities.

**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 \$222.

**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 \$1,117,869 and a long-term capital loss carryforward of \$14,303,347 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 foreign currency transactions, investments in passive foreign investment companies, wash sale loss deferrals and corporate actions.

### **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) 0.850% of the first \$250 million of the fund’s average daily net assets; b) 0.800% of the next \$500 million of the fund’s average daily net assets; and c) 0.750% of the fund’s average daily net assets in excess of \$750 million. The Advisor has a subadvisory agreement with Boston Common Asset Management, LLC. 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 0.85% of average daily net assets of the fund. For purposes of this agreement, “expenses of the fund” means all fund expenses, excluding taxes, brokerage commissions, interest expense, litigation and indemnification expenses and other extraordinary expenses not incurred in the ordinary course of the fund’s business, class-specific expenses, borrowing costs, prime brokerage fees, acquired fund fees and expenses paid indirectly, and short dividend expense. This agreement expires on February 28, 2026, unless renewed by mutual agreement of the Advisor and the fund 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	\$43,461	Class R6	\$150,698
Class I	145,608	<b>Total</b>	<b>\$339,767</b>

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 0.08% 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%

**Sales charges.** Class A shares are assessed up-front sales charges, which resulted in payments to the Distributor amounting to \$1,569 for the six months ended April 30, 2025. Of this amount, \$268 was retained and used for printing prospectuses, advertising, sales literature and other purposes and \$1,301 was paid as sales commissions to broker-dealers.

Class A 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. 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 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	\$14,367	\$6,523
Class I	—	20,884
Class R6	—	971
<b>Total</b>	<b>\$14,367</b>	<b>\$28,378</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.

**Interfund lending program.** Pursuant to an Exemptive Order issued by the SEC, the fund, along with certain other funds advised by the Advisor or its affiliates, may participate in an interfund lending program. This program provides an alternative credit facility allowing the fund to borrow from, or lend money to, other participating affiliated funds. At period end, no interfund loans were outstanding. Interest expense is included in Other expenses on the Statement of operations. The fund's activity in this program during the period for which loans were outstanding was as follows:

Borrower or Lender	Weighted Average Loan Balance	Days Outstanding	Weighted Average Interest Rate	Interest Income (Expense)
Borrower	\$2,828,571	7	4.842%	\$(2,663)

## 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	74,032	\$1,075,831	193,469	\$2,718,488
Distributions reinvested	24,128	333,683	15,824	211,725
Repurchased	(130,882)	(1,895,220)	(211,915)	(2,943,489)
<b>Net decrease</b>	<b>(32,722)</b>	<b>\$(485,706)</b>	<b>(2,622)</b>	<b>\$(13,276)</b>
<b>Class I shares</b>				
Sold	345,713	\$5,012,674	979,611	\$13,641,731
Distributions reinvested	94,523	1,308,201	116,414	1,558,790
Repurchased	(1,601,382)	(22,883,795)	(5,063,841)	(70,518,171)
<b>Net decrease</b>	<b>(1,161,146)</b>	<b>\$(16,562,920)</b>	<b>(3,967,816)</b>	<b>\$(55,317,650)</b>
<b>Class R6 shares</b>				
Sold	257,494	\$3,720,568	870,759	\$12,273,651
Distributions reinvested	66,467	919,906	34,814	466,503
Repurchased	(376,032)	(5,454,062)	(2,113,398)	(30,357,038)
<b>Net decrease</b>	<b>(52,071)</b>	<b>\$(813,588)</b>	<b>(1,207,825)</b>	<b>\$(17,616,884)</b>
<b>Total net decrease</b>	<b>(1,245,939)</b>	<b>\$(17,862,214)</b>	<b>(5,178,263)</b>	<b>\$(72,947,810)</b>

Affiliates of the fund owned 30% of shares of Class R6 on April 30, 2025. Such concentration of shareholders' capital could have a material effect on the fund if such shareholders redeem from the fund.

## Note 6 — Purchase and sale of securities

Purchases and sales of securities, other than short-term investments, amounted to \$12,566,180 and \$32,626,175, 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.

## Note 8 — Environmental, social, and governance (ESG) investing risk

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 the fund into John Hancock Global Environmental Opportunities Fund, a separate series of the Trust (the reorganization).

The reorganization, which qualified as a tax-free reorganization, occurred after the close of business on May 16, 2025. John Hancock Global Environmental Opportunities Fund exchanged its shares for all of the assets and liabilities of the fund.



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