

Pathfinder Managed Fund Holdings 31 July 2023

Ethical Growth Fund Holdings as at 31/07/23

Asset name	% of fund net assets
Cash at Bank - NZD Westpac	7.44%
Microsoft Corporation	2.61%
VCTNZ 14/03/2024	2.32%
Infratil Ltd	2.18%
First Solar Inc	2.15%
Lam Research Corp	1.91%
Asml Holding Nv	1.69%
Telstra Corp Ltd	1.61%
QBE Insurance Group Ltd	1.43%
Woolworths Ltd	1.39%
Spark New Zealand Ltd	1.39%
Equinix Inc	1.36%
NVIDIA Corp	1.36%
Keyence Corp	1.35%
Apple Inc	1.32%
Debtors	1.32%
CSL Limited	1.29%
NEXTDC Ltd	1.28%
WLBASC 23/12/2025	1.24%
Tesla Motors Inc	1.23%
Digital Realty Trust Inc	1.20%
National Australia Bank Ltd	1.18%
Summerset Group Holdings Ltd	1.15%
Fisher & Paykel Healthcare Ltd	1.12%
Cash at Bank - GBP	1.11%
CORT 21/03/2026	1.07%
American Waters Works Co Inc	1.04%
Oceania Healthcare Limited	1.01%
Cleanaway Waste Management Ltd	0.99%
Macquarie Group Ltd	0.96%
American Tower Corp	0.96%
Xero Ltd	0.95%
Sharesies Limited	0.95%
Contact Energy Ltd	0.94%
EBOS Group Limited	0.91%
Cash at Bank - USD	0.91%
Telix Pharmaceuticals Ltd	0.90%
Polynovo LTD	0.85%
BZLNZ 07/06/2027	0.83%
Vestas Wind Systems A/S	0.81%
SOLAREEDGE TECHNOLOGIES INC	0.80%
WSTP 29/07/24	0.78%

Lodestone Energy	0.78%
Enphase Energy Inc	0.77%
Kapstream Absolute Return Income Plus Fund	0.76%
AIANZ 09/05/2028	0.69%
Scales Corporation Limited	0.66%
WLB ASSET II B	0.64%
United Utilities Group PLC	0.57%
Auto Trader Group PLC	0.55%
Scidev Ltd	0.54%
NPHNZ 23/03/2028	0.52%
ASBBNK 16/11/2026	0.47%
Mint Series C Rolling Close	0.44%
Alphabet Inc Class A	0.43%
Shopify Inc - Class A	0.42%
DE. Mem Ltd	0.42%
Legal & General Group Plc	0.42%
CORT 24/08/2025	0.41%
Moody's Corp	0.38%
Visa Inc-Class A Shares	0.38%
Prologis Inc	0.38%
TJX Companies Inc	0.38%
TPNZ 16/09/2027	0.38%
Cummins Inc	0.37%
AT&T Inc	0.36%
Organo Corp	0.36%
Toyota Motor Corp	0.36%
MNWNZ 08/09/2027	0.35%
Home Depot Inc	0.35%
Alphabet Inc Class C	0.35%
CENNZ 11/04/2028	0.35%
Activision Blizzard Inc	0.34%
Allianz SE	0.33%
FISERV INC	0.33%
Marsh & McLennan Cos Inc	0.33%
Starbucks Corp	0.31%
Danaher Corp	0.31%
Schneider Electric SE	0.30%
Exor NV	0.30%
KPGNZ 12/11/2025	0.30%
Comcast Corp – Class A	0.30%
Accenture PLC	0.30%
Red Electrica Corporacion SA	0.29%
MCYNZ 29/09/2026	0.29%
Cvs Caremark Corp	0.29%
Nintendo Co Ltd	0.29%
Salesforce.com Inc	0.28%
Cash at Bank - HKD	0.28%
KFW 09/14/29	0.28%

Tokyo Electron Ltd	0.28%
Groov Limited	0.27%
Caterpillar Inc	0.27%
AXA SA	0.27%
Hydro One Ltd	0.27%
SEI Investments Co	0.26%
Zurich Insurance Group AG	0.26%
Vinci SA	0.26%
DNB ASA	0.26%
NDLWR 28/05/2030	0.26%
Illinois Tool Works Inc	0.25%
Capital One Financial Corp	0.25%
Applied Materials Inc	0.25%
Canadian Natl Railway Co	0.24%
Lowe's Companies Inc	0.24%
Oracle Corp	0.24%
Verizon Communications Inc	0.24%
Investor AB	0.24%
Equity Residential	0.24%
Micron Technology Inc	0.23%
Emerson Electric Co	0.23%
Walt Disney Co/The	0.23%
Cisco Systems Inc	0.23%
EDP Renovaveis SA	0.23%
EIB 14/02/2033	0.23%
Adveritas Ltd	0.23%
American Express Co	0.23%
SoftBank Group Corp	0.22%
Subaru Corp	0.22%
Charles Schwab Corp/The	0.21%
HLC 12/19/34	0.20%
EssilorLuxottica	0.20%
ADB 28/09/2032	0.20%
Union Pacific Corp	0.20%
Mercedes-Benz Group AG	0.20%
CX Corporation	0.20%
Komatsu Ltd	0.20%
Copart Inc	0.19%
Texas Instruments Inc	0.19%
Simon Property Group Inc	0.19%
QUALCOMM Inc	0.19%
Intl Business Machines Corp	0.18%
Xylem Inc	0.18%
Cash at Bank - CHF	0.18%
Sony Corp	0.18%
United Parcel Service Inc	0.18%
NIKE Inc	0.18%
EIB 13/05/2031	0.18%

Geberit AG-REG	0.17%
KIWI 20/09/2024	0.17%
NZX 20/06/2033	0.16%
WEL 02/08/2023	0.16%
TPNZ 06/03/2025	0.16%
Vivendi	0.15%
Intel Corp	0.15%
PayPal Holdings Inc	0.15%
PFINZ 01/10/2025	0.15%
Acciona Sa	0.15%
IBRD 20/11/25	0.15%
UBS Group AG	0.14%
Kone Oyj	0.14%
MET 30/09/2026	0.14%
Essential Utilities Inc	0.14%
Cash at Bank - AUD	0.13%
Aena SME SA	0.13%
ONTAR 01/11/2029	0.13%
IBRD 19/01/29	0.13%
Western Digital Corp	0.12%
Woolaid Limited	0.12%
SAP SE	0.12%
SUMNZ 24/09/2025	0.12%
ADB 26/09/2028	0.12%
Recruit Holdings Co Ltd	0.11%
Cash at Bank - EUR	0.11%
GENEPO 03/04/2025	0.11%
TPNZ 04/08/2026	0.10%
AIA Group Ltd	0.10%
GBGV 07/31/33	0.10%
NDLWR 24/03/2026	0.10%
RUA Bioscience	0.10%
EasyCrypto Tranche 1	0.09%
AUDNZD Maturing 26/09/2023 (BZL NZ)	0.09%
Northern Trust NZD Margin Account	0.08%
Banco Santander SA	0.08%
Servicenow Inc	0.08%
INDMRT BKBM + 1.30% 20/09/2022	0.07%
Broadcom Inc	0.07%
NIB 20/10/2027	0.07%
Partners Group Holding AG	0.07%
FASTIG 03/13/30	0.06%
Daimler Truck Holding AG	0.06%
JFM 24/03/2034	0.06%
CANDF 20/11/2026	0.06%
Advanced Micro Devices	0.06%
ANZLNZ 17/09/2031	0.06%
EUUNI 04/02/2043	0.06%

PCT 28/05/2027	0.06%
Corning Inc	0.05%
CARUN 16/02/2029	0.05%
Eaton Corp PLC	0.05%
Ross Stores Inc	0.05%
Q 20/05/32	0.05%
CDW Corp	0.05%
Telia Company AB	0.05%
DCTL 15/03/2026	0.05%
Sky Network Television Ltd	0.05%
Tokio Marine Holdings Inc	0.05%
Intuit Inc	0.05%
Veolia Environnement	0.05%
Fedex Corp	0.05%
Amerisourcebergen Corp	0.05%
Netflix Inc	0.05%
American International Group I	0.05%
Avalonbay Communities Inc	0.05%
Adobe Systems Inc	0.05%
BlackRock Inc	0.05%
KEXIM 10/19/28 28	0.05%
S&P Global Inc	0.05%
Ametek Inc	0.05%
Welltower Inc	0.05%
CBRE Group Inc	0.05%
TE Connectivity Ltd	0.05%
Hitachi Ltd	0.05%
Electrolux AB	0.05%
Vodafone Group Plc	0.05%
LKBF 24/02/2025	0.05%
Global Payments Inc	0.05%
SHB 05/09/2029	0.05%
RELX NV	0.05%
Charter Communications Inc	0.05%
CABKX 09/02/2029	0.04%
KEXIM 11/01/2033	0.04%
Cigna Corp	0.04%
RABO 09/24/26 25 MTN	0.04%
Cash at Bank - JPY	0.04%
Truist Financial Corp	0.04%
Hewlett Packard Enterprise Co	0.04%
RABO 24/02/2027	0.04%
Fidelity National Information	0.04%
Costco Wholesale Corp	0.04%
MicroChip Technology INC	0.04%
Thomson Reuters Corp	0.04%
T Rowe Price Group Inc	0.04%
British Land Co Plc	0.04%

Automatic Data Processing Inc	0.04%
Canadian Imperial Bank of Comm	0.04%
Volvo AB	0.04%
NXP Semiconductors NV	0.04%
Cintas Corp	0.04%
KBC 01/03/2027	0.04%
Metro Inc	0.04%
ABB Ltd	0.04%
Murata Manufacturing Co Ltd	0.04%
BNPP 14/10/2027	0.04%
Deere & Co	0.04%
SRBNK 11/09/26 MTN	0.04%
Nippon Telegraph & Telephone C	0.04%
Public Storage	0.04%
Mastercard Inc-Class A	0.04%
Veeva Systems Ord Shs Class A	0.04%
Analog Devices Inc	0.04%
ISP 03/16/28 MTN	0.04%
Roper Industries Inc	0.04%
UnitedHealth Group Inc	0.04%
Credit Agricole SA	0.04%
Autodesk Inc	0.04%
Interpublic Group of Cos Inc/T	0.04%
WSTP 20/02/2025	0.04%
INGA 12/07/28 27 FRN	0.04%
WIANZ 24/09/2031	0.04%
KEXIM 01/18/32	0.04%
INGA 06/01/2026	0.04%
NIPTT 27/07/2027	0.04%
AIANZ 10/10/2024	0.03%
HYDQB 01/09/2028	0.03%
Kurita Water Industries Ltd	0.03%
Humana Inc	0.03%
KFW 02/02/28 MTN	0.03%
ASBBNK 08/19/2024	0.03%
TRN 07/24/32 MTN	0.03%
HOUSNZ 05/10/2026	0.03%
AUCKCN 27/07/2026	0.03%
KIWI 19/10/2027	0.03%
TARGET CORP	0.03%
ALNDR 24/06/2032	0.03%
ABN 21/02/2030	0.03%
ILEFM 03/02/2033	0.03%
NZDJPY Maturing 26/09/2023 (BZL NZ)	0.03%
ENXHD 14/04/2033	0.03%
HRA 25/05/2029	0.03%
SNCFE 03/30/34 MTN	0.03%
DNB 09/21/27 26 MTN	0.03%

TE 21/04/2029	0.03%
VSTDA 18/10/2031	0.03%
IFTNZ 15/06/2030	0.03%
LKBF 21/07/2028	0.03%
Cash at Bank - NOK	0.03%
MNDEF 04/30/30	0.03%
CNUNZ 06/12/2028	0.02%
FRSTO 23/05/2029	0.02%
CABKX 07/09/2029	0.02%
EFIMA 06/07/32	0.02%
EFIMA 06/23/28	0.02%
CRUNAV 3 26/04/27	0.02%
Cash at Bank - SEK	0.02%
KEXIM 04/27/25	0.02%
EDP 24/01/2028	0.02%
DNB 21/01/2031	0.02%
UU 28/02/2035	0.02%
SKF 14/09/2028	0.02%
PIFAU 15/11/2024	0.02%
ERG 09/11/27 27 MTN	0.02%
BBOXT 11/27/33 33 MTN	0.02%
DLR 01/16/26 25	0.02%
EBOX 02/06/2026	0.02%
RATP 20/06/2029	0.02%
IBRD 2 02/18/26	0.02%
VFC 02/25/28 27	0.02%
SSE 27/09/2035	0.02%
ILEFM 05/28/31 MTN	0.02%
MNDEF 31/10/2031	0.02%
KFW 01/10/2026	0.02%
SEB 29/06/2027	0.02%
CHURC 27/11/2024	0.02%
JCI 09/15/30 30	0.02%
IFC 11/12/29 MTN	0.02%
VENAC 26/02/2025	0.02%
CORT 17/05/2025	0.02%
Cash at Bank - CAD	0.02%
DCTL 15/04/2026	0.02%
AIBG 04/07/2026	0.02%
BLKUT 15/06/2027	0.02%
DGDUF 03/15/30 29	0.02%
NSWTC 20/11/2030	0.01%
ESGV 30/07/2042	0.01%
INGA 23/05/2026	0.01%
NORDL 28/01/2025	0.01%
EIB 20/01/2033	0.01%
FRGV 06/25/39	0.01%
NLGV 01/15/40	0.01%

ORSTE 16/05/2033	0.01%
LKBF 19/07/2027	0.01%
BEGV 04/22/33	0.01%
Nordea 25112027	0.01%
SNCFE 11/09/31 MTN	0.01%
CAFDC 06/29/28 MTN	0.01%
SOGN 07/18/29	0.01%
SOGRP 11/25/31 MTN	0.01%
PRLER 06/17/32 32 MTN	0.01%
PRLER 21/02/2035	0.01%
AB 03/02/2034	0.01%
IFC 07/04/2026	0.01%
PRLER 07/09/29 29 MTN	0.01%
SEGRO 10/08/2027	0.01%
DGDUF 01/15/32	0.01%
BAZLE 11/29/27 MTN	0.01%
FRSTO 14/04/2027	0.01%
NZDJPY Maturing 26/09/2023 (BZL NZ)	0.01%
SOGRP 25/05/2034	0.01%
CISKA 4/02/2028	0.00%
NZDJPY Maturing 20/07/2023 (NTRS)	0.00%
TRPWR 30/06/2030	0.00%
FBUNZ 15/03/2028	0.00%
Cash at Bank - DKK	0.00%
AUDNZD Maturing 26/09/2023 (BZL NZ)	0.00%
Cash at Bank - CNY	0.00%
NZDCNY Maturing 20/07/2023 (NTRS)	0.00%
AUDNZD Maturing 20/07/2023 (NTRS)	0.00%
Cash at Bank - SGD	0.00%
EURNZD Maturing 23/06/2023 (NTRS)	0.00%
EURNZD Maturing 23/06/2023 (102343)	0.00%
NZDJPY Maturing 11/01/2023 (NTRS)	0.00%
GBPZD Maturing 26/09/2023 (BZL NZ)	0.00%
NZDSEK Maturing 20/07/2023 (NTRS)	0.00%
NZDNOK Maturing 20/07/2023 (NTRS)	0.00%
GBPZD Maturing 20/07/2023 (NTRS)	0.00%
NZDCAD Maturing 20/07/2023 (NTRS)	0.00%
GBPZD Maturing 26/09/2023 (BZL NZ)	0.00%
EURNZD Maturing 26/09/2023 (BZL NZ)	0.00%
Fee Pay Receive 2023-06-30	0.00%
EURNZD Maturing 20/07/2023 (NTRS)	-0.01%
NZDUSD Maturing 26/09/2023 (BZL NZ)	-0.01%
NZDUSD Maturing 20/07/2023 (NTRS)	-0.02%
EURNZD Maturing 26/09/2023 (BZL NZ)	-0.02%
NZDUSD Maturing 26/09/2023 (BZL NZ)	-0.07%
Creditors	-0.14%

**Ethical Trans-Tasman Fund Holdings as at
31/07/23**

Asset name	% of fund net assets
Cash at Bank - NZD Westpac	11.67%
Infratil Ltd	8.26%
Telstra Corp Ltd	5.95%
QBE Insurance Group Ltd	5.26%
Woolworths Ltd	5.25%
Spark New Zealand Ltd	5.25%
CSL Limited	4.74%
NEXTDC Ltd	4.63%
National Australia Bank Ltd	4.46%
Summerset Group Holdings Ltd	4.35%
Fisher & Paykel Healthcare Ltd	4.25%
Oceania Healthcare Limited	3.83%
Cleanaway Waste Management Ltd	3.58%
Contact Energy Ltd	3.56%
Macquarie Group Ltd	3.48%
Telix Pharmaceuticals Ltd	3.42%
Xero Ltd	3.40%
Ebos Group Ltd	3.36%
Polynovo LTD	3.22%
Scales Corporation Limited	2.48%
Scidev Ltd	2.06%
DE. Mem Ltd	1.58%
Adveritas Ltd	0.86%
RUA Bioscience	0.36%
Debtors	0.33%
AUDNZD Maturing 26/09/2023 (BZL NZ)	0.29%
Sky Network Television Ltd	0.19%
Cash at Bank - AUD	0.00%
Provision for Tax	0.00%
Fee Pay Receive 2023-06-30	0.00%
Creditors	-0.09%

**Global Responsibility Fund Holdings as at
31/07/23**

Asset name	% of fund net assets
Cash at Bank - NZD Westpac	8.33%
Lam Research Corp	1.67%
Digital Realty Trust Inc	1.62%
Microsoft Corporation	1.60%
First Solar Inc	1.53%
Asml Holding Nv	1.52%
Equinix Inc	1.47%

SOLAREEDGE TECHNOLOGIES INC	1.40%
Vestas Wind Systems A/S	1.36%
Keyence Corp	1.33%
Servicenow Inc	0.93%
Enphase Energy Inc	0.87%
Tesla Motors Inc	0.86%
NVIDIA Corp	0.83%
Broadcom Inc	0.81%
Cash at Bank - USD	0.74%
Shopify Inc - Class A	0.69%
Advanced Micro Devices	0.67%
NEXTDC Ltd	0.64%
Daimler Truck Holding AG	0.63%
Xero Ltd	0.63%
Corning Inc	0.62%
Oracle Corp	0.62%
Eaton Corp PLC	0.62%
Ross Stores Inc	0.61%
TJX Companies Inc	0.61%
CDW Corp	0.61%
Tokyo Electron Ltd	0.61%
Verizon Communications Inc	0.59%
PayPal Holdings Inc	0.59%
Canadian Natl Railway Co	0.59%
Copart Inc	0.59%
Tokio Marine Holdings Inc	0.59%
Cisco Systems Inc	0.59%
Intuit Inc	0.59%
Veolia Environnement	0.59%
SoftBank Group Corp	0.58%
Salesforce.com Inc	0.58%
Organo Corp	0.58%
Hydro One Ltd	0.58%
Vivendi	0.58%
Fedex Corp	0.58%
Amerisourcebergen Corp	0.58%
Netflix Inc	0.57%
American International Group I	0.57%
Danaher Corp	0.57%
Avalonbay Communities Inc	0.57%
Adobe Systems Inc	0.57%
BlackRock Inc	0.57%
Alphabet Inc Class A	0.57%
Apple Inc	0.56%
S&P Global Inc	0.56%
Ametek Inc	0.56%
Welltower Inc	0.56%
AT&T Inc	0.56%

CBRE Group Inc	0.56%
Recruit Holdings Co Ltd	0.56%
FISERV INC	0.56%
Nintendo Co Ltd	0.56%
Charles Schwab Corp/The	0.55%
Applied Materials Inc	0.55%
TE Connectivity Ltd	0.55%
Debtors	0.55%
Hitachi Ltd	0.55%
Xylem Inc	0.55%
Walt Disney Co/The	0.55%
SAP SE	0.55%
Geberit AG-REG	0.55%
Electrolux AB	0.55%
Schneider Electric SE	0.55%
Vodafone Group Plc	0.54%
Global Payments Inc	0.54%
Caterpillar Inc	0.54%
RELX NV	0.53%
Alphabet Inc Class C	0.53%
Charter Communications Inc	0.53%
Cleanaway Waste Management Ltd	0.53%
Toyota Motor Corp	0.52%
Cigna Corp	0.52%
QBE Insurance Group Ltd	0.52%
Emerson Electric Co	0.51%
EssilorLuxottica	0.51%
Truist Financial Corp	0.51%
Hewlett Packard Enterprise Co	0.51%
Simon Property Group Inc	0.51%
Fidelity National Information	0.51%
Costco Wholesale Corp	0.51%
MicroChip Technology INC	0.51%
Thomson Reuters Corp	0.51%
Intl Business Machines Corp	0.51%
Illinois Tool Works Inc	0.50%
T Rowe Price Group Inc	0.50%
Cummins Inc	0.50%
British Land Co Plc	0.50%
CX Corporation	0.49%
American Express Co	0.49%
Automatic Data Processing Inc	0.49%
Canadian Imperial Bank of Comm	0.49%
Telstra Corp Ltd	0.49%
Activision Blizzard Inc	0.49%
Micron Technology Inc	0.49%
Volvo AB	0.48%
Macquarie Group Ltd	0.48%

Investor AB	0.48%
NXP Semiconductors NV	0.48%
Mercedes-Benz Group AG	0.48%
Texas Instruments Inc	0.48%
Cintas Corp	0.48%
Metro Inc	0.48%
Sony Corp	0.48%
Intel Corp	0.48%
Prologis Inc	0.48%
Partners Group Holding AG	0.48%
ABB Ltd	0.48%
Murata Manufacturing Co Ltd	0.48%
CSL Limited	0.47%
Deere & Co	0.47%
American Waters Works Co Inc	0.47%
Komatsu Ltd	0.47%
Nippon Telegraph & Telephone C	0.47%
QUALCOMM Inc	0.47%
Starbucks Corp	0.47%
Visa Inc-Class A Shares	0.47%
Public Storage	0.47%
United Parcel Service Inc	0.47%
Moody's Corp	0.47%
Capital One Financial Corp	0.47%
Home Depot Inc	0.47%
Mastercard Inc-Class A	0.46%
DNB ASA	0.46%
Veeva Systems Ord Shs Class A	0.46%
Accenture PLC	0.46%
Analog Devices Inc	0.46%
United Utilities Group PLC	0.46%
Lowe's Companies Inc	0.46%
American Tower Corp	0.46%
Red Electrica Corporacion SA	0.45%
Roper Industries Inc	0.45%
UnitedHealth Group Inc	0.45%
Credit Agricole SA	0.45%
Union Pacific Corp	0.45%
Cvs Caremark Corp	0.45%
Comcast Corp – Class A	0.45%
AXA SA	0.45%
EDP Renovaveis SA	0.44%
Vinci SA	0.44%
Autodesk Inc	0.44%
NIKE Inc	0.43%
Interpublic Group of Cos Inc/T	0.43%
Zurich Insurance Group AG	0.43%
Western Digital Corp	0.43%

Cash at Bank - EUR	0.43%
AIA Group Ltd	0.43%
Essential Utilities Inc	0.40%
Kurita Water Industries Ltd	0.40%
Humana Inc	0.39%
TARGET CORP	0.36%
EBOS Group Limited	0.32%
Cash at Bank - GBP	0.27%
Cash at Bank - SEK	0.12%
NZDJPY Maturing 26/09/2023 (BZL NZ)	0.08%
Cash at Bank - JPY	0.06%
Cash at Bank - CHF	0.04%
AUDNZD Maturing 26/09/2023 (BZL NZ)	0.02%
Cash at Bank - NOK	0.02%
Cash at Bank - DKK	0.01%
Cash at Bank - CAD	0.01%
Cash at Bank - AUD	0.01%
Cash at Bank - HKD	0.01%
Cash at Bank - SGD	0.00%
GBPUSD Maturing 26/09/2023 (BZL NZ)	0.00%
Fee Pay Receive 2023-06-30	0.00%
EURNZD Maturing 26/09/2023 (BZL NZ)	-0.04%
NZDUSD Maturing 26/09/2023 (BZL NZ)	-0.15%
Creditors	-0.48%

Global Property Fund Holdings as at 31/07/23

Asset name	% of fund net assets
Prologis Inc	4.77%
American Tower Corp	2.94%
Cash at Bank - USD	2.84%
Equinix Inc	2.77%
Digital Realty Trust Inc	2.64%
Precinct Properties NZ Ltd	2.43%
Equity Residential	2.41%
Vital Healthcare Property Trust	2.38%
Kiwi Property Group Ltd	2.33%
Public Storage	2.32%
Welltower Inc	2.30%
Simon Property Group Inc	2.21%
Avalonbay Communities Inc	2.20%
Daiwa House Industry Co Ltd	1.97%
Mitsubishi Estate Co Ltd	1.95%
LXI REIT plc	1.87%
Argosy Property Trust	1.75%
Realty Income Corp	1.72%
Winton Land Ltd	1.72%

Ventas Inc	1.68%
Stride Property Ltd and Stride Invest Mgmt Ltd	1.66%
British Land Co Plc	1.59%
Vonovia Se	1.59%
Goodman Property Trust	1.57%
Investore Property Limited	1.56%
Boston Properties Inc	1.55%
Dexus	1.43%
Unibail-Rodamco-Westfield	1.42%
Host Hotels & Resorts Inc	1.41%
Goodman Group	1.38%
Cash at Bank - NZD	1.38%
Alexandria Real Estate Equit	1.37%
Mirvac Group	1.33%
Lifestyle Communities Ltd	1.26%
NEXTDC Ltd	1.25%
Property for Industry Ltd	1.24%
Cash at Bank - JPY	1.23%
Klepierre	1.18%
Arena REIT	1.17%
Charter Hall Group	1.16%
Gecina REIT Ord Shs	1.15%
Extra Space Storage Inc	1.13%
Country Garden Services Holdings	1.11%
Kimco Realty Corp	1.10%
Summerset Group Holdings Ltd	1.09%
Sun Hung Kai Properties	1.05%
Regency Centers Corp	1.03%
Oceania Healthcare Limited	0.99%
Land Securities Group Plc	0.99%
Udr Inc	0.96%
Federal Realty Invs Trust	0.84%
Vornado Realty Trust	0.82%
WP Carey Inc	0.78%
Cash at Bank - AUD	0.68%
Macerich Co/The	0.67%
ICADE	0.65%
Nippon Prologis Reit Inc	0.61%
Stag Industrial Inc	0.56%
SI Green Realty Corp	0.52%
Capitaland Mall Trust	0.50%
Covivio	0.49%
Can Apartment Prop Real Estate	0.49%
NZDUSD Maturing 27/06/2023 (BZL NZ)	0.47%
Healthpeak Properties Inc	0.45%
Castellum AB	0.41%
Aeon Mall Co Ltd	0.40%
Advance Residence Investment	0.38%

Debtors	0.38%
JBG Smith Properties	0.37%
Cash at Bank - GBP	0.37%
Nomura Real Estate Holdings	0.35%
Orix Jreit Inc	0.35%
Paramount Group Inc	0.33%
First Capital Realty Inc	0.31%
Piedmont Office Realty Tru-A	0.30%
CA Immobilien Anlagen AG	0.30%
Inmobiliaria Colonial Socimi	0.30%
Cofinimmo	0.28%
Equity Commonwealth	0.27%
Home Reit Plc	0.20%
Hysan Development Co	0.18%
Aroundtown SA	0.16%
Grand City Properties	0.11%
NZDJPY Maturing 27/06/2023 (BZL NZ)	0.11%
Cash at Bank - EUR	0.10%
Sino Land Co	0.09%
Cash at Bank - HKD	0.06%
AUDNZD Maturing 27/06/2023 (BZL NZ)	0.05%
EURNZD Maturing 27/06/2023 (BZL NZ)	0.03%
New World Development	0.03%
Cash at Bank - SGD	0.02%
Cash at Bank - CAD	0.02%
CDL Hospitality Trusts	0.01%
Cash at Bank - SEK	0.01%
GBPUSD Maturing 27/06/2023 (BZL NZ)	0.00%
Fee Pay Receive 2023-03-31	0.00%
Creditors	-0.34%

Global Water Fund Holdings as at 31/07/23

Asset name	% of fund net assets
Pentair Inc	5.05%
Ferguson PLC	4.89%
Veolia Environnement	4.49%
Cash at Bank - NZD Westpac	4.37%
Cash at Bank - USD Westpac	4.02%
Roper Industries Inc	3.99%
Geberit AG-REG	3.89%
Xylem Inc	3.69%
Danaher Corp	3.56%
Itron Inc	3.34%
American Waters Works Co Inc	3.01%
Spirax-Sarco Engineering Plc	2.78%
Smith (A.O) Corp	2.55%

Halma PLC	2.46%
Uponor OYJ	2.45%
Tetra Tech Inc	2.43%
Kurita Water Industries Ltd	2.42%
Waters Corp	2.16%
Organo Corp	2.10%
Aalberts Industries Nv	2.05%
Essential Utilities Inc	1.95%
American States Water Co	1.93%
Advanced Drainage Systems	1.93%
United Utilities Group PLC	1.88%
Andritz AG	1.75%
Cash at Bank - GBP	1.64%
Alfa Laval AB	1.63%
Hydro One Ltd	1.60%
Toto Ltd	1.59%
Masco Corp	1.57%
Ebara Corp	1.52%
Toro Co	1.48%
Scidev Ltd	1.41%
Idex Corp	1.38%
Severn Trent PLC	1.33%
Mueller Water Products Inc-A	1.32%
Stantec Inc	1.31%
Pennon Group Plc	1.25%
DE. Mem Ltd	1.13%
Energy Recovery Inc	0.84%
CIA Saneamento Basico DE-ADR	0.84%
Franklin Electric Co Inc	0.69%
LIXIL Group Corp	0.68%
Genuit Group PLC	0.60%
Artesian Resources Corp -CL-A	0.60%
SJW Group	0.38%
Debtors	0.27%
Cash at Bank - EUR	0.20%
NZDJPY Maturing 26/09/2023 (BZL NZ)	0.08%
Cash at Bank - JPY	0.08%
Cash at Bank - CHF	0.07%
China Everbright Water Ltd	0.07%
Aalberts Industries Nv - DRP Rights	0.06%
Cash at Bank - SEK	0.02%
AUDNZD Maturing 26/09/2023 (BZL NZ)	0.01%
Cash at Bank - SGD	0.01%
Cash at Bank - AUD	0.00%
CT Environmental Group Ltd	0.00%
Hyfluxshop Holdings Pte Ltd	0.00%
Sound Global Ltd	0.00%
Hyflux Ltd	0.00%

Fee Pay Receive 2023-06-30	0.00%
GBP/NZD Maturing 26/09/2023 (BZL NZ)	-0.02%
EUR/NZD Maturing 26/09/2023 (BZL NZ)	-0.04%
NZD/USD Maturing 26/09/2023 (BZL NZ)	-0.12%
Creditors	-0.20%
Cash at Bank - CAD	-0.41%

Green Bond Fund Holdings as at 31/07/23

Asset name	% of fund net assets
KFW 09/14/29	6.16%
NDLWR 28/05/2030	5.66%
EIB 14/02/2033	5.06%
HLC 12/19/34	4.53%
ADB 28/09/2032	4.44%
EIB 13/05/2031	3.88%
IBRD 20/11/25	3.24%
ONTAR 01/11/2029	2.81%
IBRD 19/01/29	2.79%
ADB 26/09/2028	2.61%
GBGV 07/31/33	2.21%
NDLWR 24/03/2026	2.21%
Cash at Bank - NZD	2.07%
Northern Trust NZD Margin Account	1.87%
NIB 20/10/2027	1.52%
FASTIG 03/13/30	1.39%
JFM 24/03/2034	1.34%
CANDF 20/11/2026	1.29%
EUUNI 04/02/2043	1.23%
CARUN 16/02/2029	1.17%
Q20/05/32	1.16%
KEXIM 10/19/28 28	1.07%
LKBF 24/02/2025	1.03%
SHB 05/09/2029	1.02%
CABKX 09/02/2029	0.99%
KEXIM 11/01/2033	0.99%
RABO 09/24/26 25 MTN	0.98%
RABO 24/02/2027	0.97%
KBC 01/03/2027	0.91%
BNPP 14/10/2027	0.90%
SRBNK 11/09/26 MTN	0.89%
ISP 03/16/28 MTN	0.87%
INGA 12/07/28 27 FRN	0.78%
KEXIM 01/18/32	0.78%
INGA 06/01/2026	0.78%
NIPTT 27/07/2027	0.78%
HYDQB 01/09/2028	0.75%

KFW 02/02/28 MTN	0.73%
TRN 07/24/32 MTN	0.72%
ALNDR 24/06/2032	0.69%
ABN 21/02/2030	0.69%
ILEFM 03/02/2033	0.68%
ENXHD 14/04/2033	0.64%
HRA 25/05/2029	0.63%
SNCFE 03/30/34 MTN	0.59%
DNB 09/21/27 26 MTN	0.59%
TE 21/04/2029	0.59%
VSTDA 18/10/2031	0.58%
LKBF 21/07/2028	0.56%
MNDEF 04/30/30	0.55%
FRSTO 23/05/2029	0.53%
CABKX 07/09/2029	0.52%
EFIMA 06/07/32	0.52%
EFIMA 06/23/28	0.50%
CRUNAV 3 26/04/27	0.50%
KEXIM 04/27/25	0.48%
EDP 24/01/2028	0.47%
DNB 21/01/2031	0.47%
UU 28/02/2035	0.47%
SKF 14/09/2028	0.46%
ERG 09/11/27 27 MTN	0.44%
BBOXT 11/27/33 33 MTN	0.44%
DLR 01/16/26 25	0.44%
EBOX 02/06/2026	0.43%
RATP 20/06/2029	0.43%
IBRD 2 02/18/26	0.43%
VFC 02/25/28 27	0.43%
SSE 27/09/2035	0.42%
ILEFM 05/28/31 MTN	0.41%
MNDEF 31/10/2031	0.40%
KFW 01/10/2026	0.39%
SEB 29/06/2027	0.39%
JCI 09/15/30 30	0.38%
IFC 11/12/29 MTN	0.38%
VENAC 26/02/2025	0.37%
AIBG 04/07/2026	0.34%
BLKUT 15/06/2027	0.34%
DGDUF 03/15/30 29	0.34%
NSWTC 20/11/2030	0.33%
ESGV 30/07/2042	0.33%
INGA 23/05/2026	0.33%
NORDL 28/01/2025	0.32%
EIB 20/01/2033	0.32%
FRGV 06/25/39	0.31%
NLGV 01/15/40	0.30%

ORSTE 16/05/2033	0.30%
LKBF 19/07/2027	0.30%
BEGV 04/22/33	0.29%
Nordea 25112027	0.29%
SNCFE 11/09/31 MTN	0.29%
CAFDC 06/29/28 MTN	0.28%
SOGN 07/18/29	0.28%
SOGRP 11/25/31 MTN	0.27%
PRLER 06/17/32 32 MTN	0.26%
PRLER 21/02/2035	0.25%
AB 03/02/2034	0.25%
IFC 07/04/2026	0.22%
PRLER 07/09/29 29 MTN	0.21%
SEGRO 10/08/2027	0.21%
DGDUF 01/15/32	0.18%
Cash at Bank - USD	0.18%
BAZLE 11/29/27 MTN	0.17%
FRSTO 14/04/2027	0.17%
SOGRP 25/05/2034	0.14%
CISKA 04/02/2028	0.11%
NZDJPY Maturing 20/07/2023 (NTRS)	0.10%
TRPWR 30/06/2030	0.09%
Cash at Bank - CAD	0.05%
Cash at Bank - CNY	0.02%
NZDCNY Maturing 20/07/2023 (NTRS)	0.01%
AUDNZD Maturing 20/07/2023 (NTRS)	0.01%
Cash at Bank - SEK	0.01%
Cash at Bank - NOK	0.01%
Cash at Bank - EUR	0.00%
Cash at Bank - GBP	0.00%
Cash at Bank - AUD	0.00%
Debtors	0.00%
Cash at Bank - JPY	0.00%
EURNZD Maturing 23/06/2023 (NTRS)	0.00%
EURNZD Maturing 23/06/2023 (102343)	0.00%
NZDJPY Maturing 11/01/2023 (NTRS)	0.00%
Fee Pay Receive 2023-06-30	0.00%
NZDSEK Maturing 20/07/2023 (NTRS)	-0.01%
NZDNOK Maturing 20/07/2023 (NTRS)	-0.01%
GBPNZD Maturing 20/07/2023 (NTRS)	-0.02%
NZDCAD Maturing 20/07/2023 (NTRS)	-0.03%
Creditors	-0.09%
EURNZD Maturing 20/07/2023 (NTRS)	-0.17%
NZDUSD Maturing 20/07/2023 (NTRS)	-0.35%