

Investeringslijst PFSR Q4 2022

Tabel 1: Overzicht gewichtsverdeling beleggingscategorieën 31-12-2022

Beleggingscategorieën	Vermogensbeheerder/fonds	Marktwaarde in mln euro
Matching portefeuille		
Core LDI	Goldman Sachs Asset Management	847
Bedrijfsobligaties	Goldman Sachs Asset Management	272
Collateralized	Goldman Sachs Asset Management	89
ABS	Goldman Sachs Asset Management	149
Hypotheken	a.s.r. hypothekenfonds zonder NHG	339
Ruturn portefeuille		
Aandelen Ontwikkelde markten	Actiam Responsible Index Fonds Equity Noord-America	144
	Actiam Responsible Index Fonds Equity Europa	147
	Actiam Responsible Index Fonds Equity Pacific	74
Aandelen Opkomende markten	Goldman Sachs Emerging Markets ESG	158
	JP Morgan Emerging Markets Sustainable	175
Obligaties Opkomende markten	Blackrock ESG Emerging Markets Bond Fonds	156
Obligaties High Yield	Robeco High Yield Bonds Fonds	118
Niet-beursgenoteerd vastgoed	CBRE Pan European Core Fonds	207
	La Salle Encore+ Fonds	139
Alternative investments	Actiam Micro Finance Fonds	0
	Actiam Micro Finance Fonds 2	0
Geldmarktfondsen	BNP Paribas geldmarktfondsen	1

* Voor de Beleggingen in de categorieën Hypotheken, Niet-beursgenoteerd vastgoed en Alternatives zijn geen doorkijk gegevens beschikbaar.

Tabel 2: Top 10 posities Aandelen Wereld op 31 december 2022

Uitgevende instelling	Gewicht	Uitgevende instelling	Gewicht
Taiwan Semiconductor Manufacturing Co. Ltd	3,88%	Top 5 holdings	10,56%
Tencent Holdings Limited	2,74%	Top 10 holdings	15,79%
Aia Group Limited	1,47%	Top 20 holdings	23,17%
Apple Inc.	1,25%		
Samsung	1,21%		
Pt Bank Central Asia Tbk.	1,13%		
Hdfc Bank Limited	1,11%		
Walmart Inc.	1,04%		
Microsoft Corporation	1,01%		
Infosys Limited	0,94%		

Tabel 3: Overzicht beleggingen Aandelen op 31 december 2022

3i Group PLC	FUJIFILM Holdings Corp.	Pepsico, Inc.
3M Co	Fujitsu Ltd.	PerkinElmer, Inc. (United States)
A. O. Smith Corp.	Full Truck Alliance Co., Ltd.	Pernod Ricard SA
A.P. Møller - Mærsk A/S	Futu Holdings Ltd.	Persimmon PLC
ABB Ltd	Galp Energia, SGPS, S.A.	Persol Holdings Co., Ltd.
Abbott Laboratories	Garmin Ltd.	Phoenix Group Holdings Plc
AbbVie Inc	Gartner Inc	Ping An Insurance (Group) Co. of China Ltd.
Abiomed Inc	GEA Group AG	Pinterest, Inc.

ABN AMRO Bank N.V.	Geberit AG	Plug Power Inc.
abrdrn Plc	Gecina SA	POLA Orbis Holdings Inc.
Abu Dhabi Commercial Bank	Generac Holdings Inc.	Pool Corp.
Accenture PLC	General Electric Co	Porsche Automobil Holding SE
Accor SA	General Mills Inc	Poste Italiane SpA
Accton Technology Corp.	Genmab A/S	Power Assets Holdings Ltd.
ACS, Actividades de Construcción y Servicios, S.A.	Genuine Parts Co	Power Corp. of Canada
Activision Blizzard, Inc.	George Weston Ltd.	Powszechna Kasa Oszczednosci Bank Polski SA
Adecco Group AG	Getinge AB	PPG Industries, Inc.
Adevinta ASA	Getlink SE	PPL Corp
adidas AG	GFL Environmental, Inc.	Principal Financial Group Inc
Admiral Group PLC	Giant Manufacturing Co., Ltd.	Procter & Gamble Co.
Adobe, Inc.	Gildan Activewear Inc.	Progressive Corp.
Advance Auto Parts Inc	Gilead Sciences Inc	Prologis, Inc.
Advanced Micro Devices Inc	Givaudan SA	Prosus NV
Advantech Co Ltd	Gjensidige Forsikring ASA	Proximus SA
Advantest Corp.	GlaxoSmithKline PLC	Prudential Financial Inc
Adyen NV	Global Payments Inc.	Prudential PLC
Aegon NV	Global Unichip Corp	Prysmian S.p.A.
Aena SME SA	Globant SA	PT Bank Central Asia Tbk
Aeon Co., Ltd.	Globe Life, Inc.	PT Bank Tabungan Pensiunan Nasional Syariah Tbk
Aeris Indústria e Comércio de Equipamentos para Geração	GLP-J REIT	PTC Inc.
Aéroports de Paris SA	GMO Payment Gateway Inc	Public Storage
Affirm Holdings, Inc.	GN Store Nord A/S	Publicis Groupe S.A.
Aflac Inc	GoDaddy Inc	PulteGroup, Inc.
Afterpay Ltd.	Goodman Group	Puma SE
AGC, Inc.	Government of Saudi Arabia	Qantas Airways Ltd.

ageas SA/NV	Great-West Lifeco Inc.	QBE Insurance Group Ltd.
Agilent Technologies Inc	Grifols, S.A.	Qiagen NV
AGNC Investment Corp.	Groupe Bruxelles Lambert SA	Qingdao Haier Biomedical Co., Ltd.
Agnico Eagle Mines Ltd	Guidewire Software Inc	Qorvo, Inc.
AIA Group Ltd.	Haier Smart Home Co., Ltd.	QUALCOMM, Inc.
Air Canada	Hakuhodo DY Holdings Inc	Quebecor Inc.
Air Liquide SA	Halma PLC	Quest Diagnostics, Inc.
Air Products & Chemicals Inc	Hamamatsu Photonics k.k.	Raiffeisen Bank International AG
Airbnb, Inc.	Hang Lung Properties Ltd.	Rakuten Group, Inc.
Airports of Thailand Public Co. Ltd.	Hang Seng Bank Ltd.	Ramsay Health Care Ltd.
Ajinomoto Co., Inc.	Hangzhou Robam Appliances Co., Ltd.	Randstad NV
Akamai Technologies Inc	Hankyu Hanshin Holdings, Inc.	Rational AG
Akzo Nobel N.V.	Hannover Rück SE	Raymond James Financial Inc
Albemarle Corp	Hanon Systems	REA Group Ltd.
Alcon, Inc.	Hapvida Participações e Investimentos SA	Realty Income Corp.
Alexandria Real Estate Equities, Inc.	Hargreaves Lansdown PLC	Reckitt Benckiser Group PLC
Alfa Laval AB	Hasbro Inc	Recordati S.p.A.
Algonquin Power & Utilities Corp.	HCA Healthcare Inc	Recruit Holdings Co Ltd
Alibaba Group Holding Ltd.	HDFC Bank Ltd	Red Eléctrica Corp. SA
Align Technology Inc	HDFC Life Insurance Co. Ltd.	Rede D'Or São Luiz SA
Alleghany Corp	Healthpeak Properties, Inc.	Reece Ltd.
Allegion PLC	Heico Corp	Regency Centers Corp.
Allegro.eu SA	HeidelbergCement AG	Regeneron Pharmaceuticals, Inc.
Allianz SE	Heineken Holding N.V.	Regions Financial Corp
Ally Financial Inc.	Heineken N.V.	RELX PLC
Alnylam Pharmaceuticals Inc	HelloFresh SE	Rémy Cointreau SA
Alphabet Inc	Henderson Land Development Co. Ltd.	Renault SA

Alstom SA	Henkel AG & Co. KGaA	Rentokil Initial PLC
Amadeus IT Group, S.A.	Hennes & Mauritz AB	Repsol, S.A.
Amazon.com Inc	Henry Schein, Inc.	ResMed Inc.
Ambu A/S	Hewlett-Packard Enterprise Co.	Resona Holdings, Inc.
AMC Entertainment Holdings, Inc.	Hexagon AB	Restaurant Brands International Inc.
Amcor Plc	Hikari Tsushin, Inc.	Ricoh Co., Ltd.
AMERCO	Hikma Pharmaceuticals PLC	RingCentral Inc
American Express Co.	Hilton Worldwide Holdings Inc.	Rinnai Corp.
American Financial Group, Inc.	Hindustan Unilever Ltd.	Riocan Real Estate Investment Trust
American International Group Inc	Hino Motors, Ltd.	Ritchie Bros. Auctioneers, Inc.
American Tower Corp	Hirose Electric Co.,Ltd.	Rivian Automotive, Inc. Class A
American Water Works Co Inc	Hitachi Construction Machinery Co., Ltd.	Robert Half International Inc
Ameriprise Financial, Inc.	Hitachi Ltd	Robinhood Markets, Inc. Class A
AMETEK, Inc.	Hitachi Metals, Ltd.	Roche Holding AG
Amgen Inc	HKT Trust & HKT Ltd.	Rockwell Automation Inc.
Amoy Diagnostics Co., Ltd.	Hologic Inc	Rockwool International A/S
Amphenol Corp	Honda Motor Co Ltd	Rogers Communications Inc.
Amplifon SpA	Hong Kong Exchanges & Clearing Ltd.	ROHM Co., Ltd.
Amundi SA	Hongkong Land Holdings Ltd.	Roku, Inc.
ANA Holdings Inc.	Horizon Therapeutics Plc	Rollins, Inc.
Analog Devices Inc	Hormel Foods Corp	Roper Technologies Inc
Anheuser-Busch InBev SA/NV	HOSHIZAKI Corp.	Ross Stores, Inc.
Annaly Capital Management, Inc.	Host Hotels & Resorts, Inc.	Royal Bank of Canada
Ansys Inc	Housing Development Finance Corp Ltd	Royal Caribbean Group
ANTA Sports Products Ltd.	Howmet Aerospace, Inc.	Royal KPN NV
Anthem Inc	HOYA Corp.	Royalty Pharma Plc
Antofagasta PLC	HP Inc	RPM International Inc.

Aon Plc	HSBC Holdings PLC	Ryman Healthcare Ltd
Apple Inc	HubSpot Inc	Ryohin Keikaku Co., Ltd.
Applied Materials Inc	Hulic Co., Ltd.	S&P Global Inc
Aptiv PLC	Humana Inc.	S.F. Holding Co., Ltd.
Aramark	Huntington Bancshares Inc	Safaricom Plc
Arca Continental, S. A. B. de C. V.	Husqvarna AB	Sagax AB
Arch Capital Group Ltd.	Hydro One Ltd	Salesforce.com Inc
Archer-Daniels-Midland Co.	iA Financial Corp., Inc.	Sampo Oyj
argenx SE	Iberdrola, S.A.	Samsung Electronics Co., Ltd.
Arista Networks, Inc.	Ibiden Co., Ltd.	Sandvik Aktiebolag
Arkema SA	ICICI Bank Ltd.	Sanofi
Aroundtown S.A.	ICICI Lombard General Insurance Co. Ltd.	Santam Ltd.
Arrow Electronics Inc	IDEX Corp.	Santen Pharmaceutical Co., Ltd.
Arthur J. Gallagher & Co	IDEXX Laboratories, Inc.	SAP SE
Asahi Group Holdings, Ltd.	IDP Education Ltd.	Sartorius AG
Asahi Intecc Co Ltd	IGM Financial Inc.	Sartorius Stedim Biotech S.A.
Asahi Kasei Corp.	IHS Markit Ltd	Saudi National Bank
Asana, Inc.	Iida Group Holdings Co., Ltd.	SBA Communications Corp.
Ascendas Real Estate Investment Trust	Illinois Tool Works Inc	Sberbank Russia PJSC
Ashtead Group PLC	Illumina, Inc.	SBI Holdings, Inc.
ASM International NV	IMCD NV	SBI Life Insurance Co. Ltd.
ASML Holding N.V.	Incyte Corp.	Scentre Group
Assa Abloy AB	Industria de Diseño Textil, S.A.	Schibsted ASA
Assicurazioni Generali S.p.A.	Industrivärden AB	Schindler Holding AG
Associated British Foods PLC	Infineon Technologies AG	Schneider Electric S.E.
Assurant, Inc.	Info Edge India Ltd.	Schroders PLC
Astellas Pharma Inc.	Informa PLC	Scout24 AG

AstraZeneca PLC	Infosys Ltd.	SCSK Corp.
ASX Ltd	Infrastrutture Wireless Italiane SpA	Sea Ltd. (Singapore)
AT&T Inc	ING Groep N.V.	Seagate Technology Holdings Plc
Atacadão SA	InPost SA	Seagen Inc.
Athene Holding Ltd	Insurance Australia Group Ltd	Sealed Air Corp.
Atlas Copco AB	Intact Financial Corp.	SEB SA
AU Small Finance Bank Ltd.	Intel Corp	SECOM CO., LTD.
Auckland International Airport Ltd.	Intercontinental Exchange Inc	Seek Ltd
Aurizon Holdings Ltd	InterContinental Hotels Group Plc	Segro PLC
AusNet Services Ltd	International Business Machines Corp	Seiko Epson Corp.
Australia & New Zealand Banking Group Ltd.	International Flavors & Fragrances Inc	Sekisui Chemical Co., Ltd.
Auto Trader Group PLC	International Paper Co.	Sekisui House, Ltd.
Autodesk Inc	Interpublic Group of Cos., Inc.	Sempra Energy
Automatic Data Processing Inc	Intertek Group PLC	Sensata Technologies Holding Plc
AutoZone Inc	Intesa Sanpaolo S.p.A.	ServiceNow Inc
Avalara, Inc.	Intuit Inc	Seven & i Holdings Co Ltd
AvalonBay Communities, Inc.	Invesco Ltd.	Severn Trent PLC
Avenue Supermarts Ltd	Investment AB Latour	SG Holdings Co.,Ltd.
Avery Dennison Corp	Invitation Homes Inc.	SGS SA
AVEVA Group PLC	IPG Photonics Corp.	Sharp Corp
Aviva PLC	Ipsen SA	Shaw Communications Inc
AXA SA	IQVIA Holdings Inc	Shenzhou International Group Holdings Ltd
Azbil Corp.	Iron Mountain Inc.	Shimadzu Corp.
B3 SA-Brasil, Bolsa, Balcão	Isuzu Motors Ltd.	Shimano Inc.
Bachem Holding AG	Ito En, Ltd.	Shimizu Corp.
Baker Hughes Co.	ITOCHU Techno-Solutions Corp.	Shin-Etsu Chemical Co., Ltd.
Ball Corp	J Sainsbury plc	Shionogi & Co., Ltd.

Ballard Power Systems Inc	Jack Henry & Associates Inc	Shiseido Co., Ltd.
Bâloise Holding AG	James Hardie Industries PLC	Shopify Inc.
Banco Bilbao Vizcaya Argentaria SA	Japan Airlines Co Ltd	Sichuan Swellfun Co. Ltd.
Banco Bradesco S.A.	Japan Exchange Group, Inc.	Siemens AG
Banco Santander Chile SA	Japan Metropolitan Fund Investment Corp.	Siemens Energy AG
Banco Santander, S.A.	Japan Real Estate Investment Corp	Siemens Gamesa Renewable Energy, S.A.
BANDAI NAMCO Holdings Inc.	Jazz Pharmaceuticals Plc	Siemens Healthineers AG
Bank of America Corp.	JB Hunt Transport Services Inc	Signature Bank (New York, New York)
Bank of Montreal	JD Sports Fashion PLC	Sika AG
Barratt Developments PLC	JDE Peet's BV	Silergy Corp
Barry Callebaut AG	Jerónimo Martins, SGPS, S.A.	Simon Property Group, Inc.
Basf SE	JFE Holdings, Inc.	Sinch AB
Baxter International Inc	Johnson Controls International PLC	Singapore Airlines Ltd.
BCE Inc	Johnson Matthey PLC	Singapore Exchange Ltd
Bechtel AG	Jollibee Foods Corp.	Singapore Telecommunications Ltd
Becton, Dickinson & Co.	JPM LIQ-USD LIQUIDITY-XDI	Sino Biopharmaceutical Ltd.
Beiersdorf AG	JPMorgan Chase & Co.	Sino Land Co. Ltd.
Benefit One Inc	JS Global Lifestyle Co. Ltd.	Sirius XM Holdings Inc.
Bentley Systems, Inc.	JSR Corp.	SITC International Holdings Co Ltd
Berkeley Group Holdings Plc	Julius Bär Gruppe AG	Skandinaviska Enskilda Banken AB
Best Buy Co Inc	Jumbo S.A.	Skanska AB
Bilibili, Inc.	Juniper Networks, Inc.	SKF AB
Bill.com Holdings, Inc.	Just Eat Takeaway.com NV	Skyworks Solutions Inc
Biogen Inc.	Kajima Corp.	Smith & Nephew PLC
Biomarin Pharmaceutical Inc	Kakaku.com Inc	Smiths Group PLC
bioMérieux S.A.	Kansai Paint Co., Ltd.	Smurfit Kappa Group PLC
Bio-Rad Laboratories Inc	Kao Corp.	Snam S.p.A.

Bio-Techne Corp	Kasikornbank Public Co. Ltd.	Snap Inc
Black Knight, Inc.	KB Financial Group Inc	Snap-On, Inc.
BlackBerry Ltd.	KBC Group NV	Snowflake, Inc.
BlackRock, Inc.	KDDI Corp.	Société Générale SA
BlueScope Steel Ltd.	Keio Corp.	Sodexo S.A.
BMW Group	Keisei Electric Railway Co., Ltd.	SoFi Technologies, Inc.
BNP Paribas SA	Kellogg Co	Sofina SA
BOC Hong Kong (Holdings) Ltd.	Keppel Corp. Ltd.	SoftBank Corp.
Boliden AB	Kering S.A.	SoftBank Group Corp
Booking Holdings Inc	Kerry Group PLC	Sohgo Security Services Co. Ltd.
Booz Allen Hamilton Holding Corp	Kesko Oyj	SolarEdge Technologies, Inc.
BorgWarner Inc	Keurig Dr Pepper, Inc.	Solvay SA
Boston Properties, Inc.	KeyCorp	Sompo Holdings Inc
Boston Scientific Corporation	KEYENCE Corp.	Sona BLW Precision Forgings Ltd.
Bouygues SA	Keysight Technologies Inc	Sonic Healthcare Ltd.
Brambles Ltd.	Kikkoman Corp.	Sonova Holding AG
Brenntag SE	Kimberly-Clark Corp	Sony Group Corp.
Bridgestone Corp.	Kimberly-Clark de México, S. A. B. de C. V.	Southwest Airlines Co.
Bristol-Myers Squibb Co.	Kingfisher PLC	Spark New Zealand Ltd
Broadridge Financial Solutions Inc	Kingspan Group PLC	Spirax-Sarco Engineering PLC
Brookfield Asset Management Inc.	Kinnevik AB	Splunk Inc
Brookfield Renewable Corp.	Kintetsu Group Holdings Co., Ltd.	Square Enix Holdings Co., Ltd.
Brother Industries, Ltd.	KION GROUP AG	Square, Inc.
Brown & Brown, Inc.	Kirin Holdings Co., Ltd.	SS&C Technologies Holdings, Inc.
Brown-Forman Corp	Kirkland Lake Gold Ltd.	SSE PLC
BT Group PLC	KKR & Co., Inc.	St. James's Place plc
Budweiser Brewing Co. APAC Ltd.	KLA Corp.	Standard Chartered PLC

Bunge Ltd.	Klépierre SA	Stanley Black & Decker, Inc.
Bunzl PLC	Knight-Swift Transportation Holdings Inc.	Stanley Electric Co., Ltd.
Burberry Group PLC	Knorr-Bremse AG	Starbucks Corp.
Bureau Veritas SA	Kobayashi Pharmaceutical Co Ltd	State Street Corp.
Burlington Stores Inc	Kobe Bussan Co., Ltd.	Steel Dynamics, Inc
C.H. Robinson Worldwide, Inc.	Koei Tecmo Holdings Co., Ltd.	Stellantis NV
Cable ONE, Inc.	Koito Manufacturing Co., Ltd.	STERIS Plc (Ireland)
Cadence Design Systems Inc	Komatsu Ltd.	STMicroelectronics NV
Caixa Seguridade Participações SA	KONE Oyj	Stockland
CaixaBank, S.A.	Koninklijke Ahold Delhaize NV	Stora Enso Oyj
Camden Property Trust	Koninklijke DSM N.V.	Straumann Holding AG
Cameco Corp.	Koninklijke Philips NV	Suez SA
Campbell Soup Co	Kotak Mahindra Bank Ltd.	SUMCO Corp
Canadian Apartment Properties Real Estate Inv Trust	KRAFTON, Inc	Sumitomo Chemical Co., Ltd.
Canadian Imperial Bank of Commerce	Kubota Corp	Sumitomo Dainippon Pharma Co., Ltd.
Canadian National Railway Co.	Kühne + Nagel International AG	Sumitomo Electric Industries, Ltd.
Canadian Pacific Railway Ltd.	Kurita Water Industries Ltd.	Sumitomo Metal Mining Co., Ltd.
Canon Inc	Kyocera Corp	Sumitomo Mitsui Financial Group Inc
Capcom Co. Ltd.	Kyowa Kirin Co., Ltd.	Sumitomo Mitsui Trust Holdings, Inc.
Capgemini SE	L Brands Inc	Sumitomo Realty & Development Co., Ltd.
CapitaLand Integrated Commercial Trust	Laboratory Corp. of America Holdings	Sun Communities, Inc.
CapitaLand Investment Ltd.	Lam Research Corp.	Sun Hung Kai Properties Ltd.
Capitec Bank Holdings Ltd.	Land Securities Group PLC	Sun Life Financial Inc.
Carl Zeiss Meditec AG	Lanxess AG	Suncorp Group Ltd.
Carlsberg A/S	Lawson Inc	Sunny Optical Technology (Group) Co., Ltd.
CarMax Inc.	LE Lundbergföretagen AB	Sunrun Inc.
Carrefour SA	Lear Corp.	Suntory Beverage & Food Ltd.

Carrier Global Corp.	LEG immobilien SE	SVB Financial Group
Carvana Co.	Legal & General Group PLC	Svenska Cellulosa AB
Catalent, Inc.	Legrand SA	Svenska Handelsbanken AB
Caterpillar Inc	Lendlease Group	Swedbank AB
Cboe Global Markets, Inc.	Lennox International Inc.	Swire Pacific Ltd.
CBRE Group, Inc.	LG Electronics Inc.	Swire Properties Ltd
CCL Industries Inc.	LG Household & Health Care Ltd.	Swiss Life Holding AG
CDW Corp.	Liberty Broadband Corp	Swiss Prime Site AG
Cellnex Telecom SA	Liberty Global PLC	Swiss Re AG
Centene Corp	Lifco AB	Swisscom AG
Central Japan Railway Co.	Lightspeed POS, Inc.	Sydney Airport
Ceridian HCM Holding, Inc.	Lincoln National Corp.	Symrise AG
Cerner Corp	Linde Plc	Synchrony Financial
CGI, Inc.	Link Real Estate Investment Trust	Synopsys, Inc.
Chailease Holding Co Ltd	Lion Corp.	Sysco Corp
Charles River Laboratories International, Inc.	Live Nation Entertainment, Inc.	Systemex Corp.
Chewy, Inc.	LIXIL Corp.	T&D Holdings Inc
China Feihe Ltd.	LKQ Corp.	T. Rowe Price Group Inc
China Mengniu Dairy Co Ltd	Lloyds Banking Group PLC	TAISEI Corp.
China Merchants Bank Co., Ltd.	Loblaw Cos. Ltd.	Taisho Pharmaceutical Holdings Co., Ltd.
Chipotle Mexican Grill Inc	Loews Corp	Taiwan Semiconductor Manufacturing Co., Ltd.
Chocoladefabriken Lindt & Sprüngli AG	Logitech International S.A.	Takeda Pharmaceutical Co., Ltd.
Chongqing Brewery Co.Ltd	Lojas Renner S.A.	Target Corp
Chow Tai Fook Jewellery Group Ltd.	London Stock Exchange Group PLC	Tata Consultancy Services Ltd.
Chr. Hansen Holding A/S	Lonza Group AG	Tata Consumer Products Ltd.
Chubb Ltd	L'Oréal SA	Taylor Wimpey PLC
Chugai Pharmaceutical Co., Ltd.	Lowe's Cos., Inc.	TCS Group Holding PLC

Church & Dwight Co Inc	Lucid Group, Inc.	TDK Corp.
Cigna Corp.	Lululemon Athletica Inc.	TE Connectivity Ltd.
Cincinnati Financial Corp	Lumen Technologies, Inc. (Louisiana)	Techtronic Industries Co. Ltd.
Cintas Corp	Lundin Mining Corp.	Teladoc Health, Inc.
Cisco Systems Inc	Luxshare Precision Industry Co. Ltd.	Tele2 AB
Citigroup, Inc.	LVMH Moët Hennessy Louis Vuitton SE	Telecom Italia SpA
Citizens Financial Group, Inc.	Lyft, Inc.	Teleflex, Inc.
Citrix Systems Inc	LyondellBasell Industries N.V.	Telefonaktiebolaget LM Ericsson
City Developments Ltd.	M&G Plc	Telefónica Deutschland Holding AG
CK Asset Holdings Ltd.	M&T Bank Corp	Telefónica, S.A.
Clariant AG	M3 Inc	Telenor ASA
Clarivate Plc	Macquarie Group Ltd.	Teleperformance SA
Clicks Group Ltd.	Magazine Luiza SA	Telia Co. AB
Cloudflare, Inc.	Magellan Financial Group Ltd	Telstra Corp. Ltd.
CME Group Inc	Magna International Inc	TELUS Corp.
CMS Energy Corp	Makita Corp	Temenos AG
CNH Industrial NV	Manulife Financial Corp.	Tencent Holdings Ltd
CNP Assurances SA	Mapletree Commercial Trust	Teradyne, Inc.
Coca-Cola Europacific Partners Plc	Mapletree Logistics Trust	TERNA Rete Elettrica Nazionale SpA
Coca-Cola HBC AG	Markel Corp	Terumo Corp.
Cochlear Ltd.	MarketAxess Holdings Inc	Tesco PLC
Cognex Corp	Marsh & McLennan Cos., Inc.	Tesla Inc
Cognizant Technology Solutions Corp.	Marvell Technology, Inc.	Texas Instruments Incorporated
Coinbase Global, Inc.	Masco Corp	TFI International Inc.
Coles Group Ltd.	Mastercard, Inc.	The Allstate Corp.
Colgate-Palmolive (India) Ltd.	Mazda Motor Corp.	The Bank of New York Mellon Corp.
Colgate-Palmolive Co	McCormick & Co Inc	The Bank Of Nova Scotia

Coloplast A/S	McDonald's Holdings Co. (Japan) Ltd.	The British Land Co. Plc
Colruyt SA	McKesson Corp	The Carlyle Group, Inc.
Comcast Corp	MediaTek Inc.	The Charles Schwab Corp.
Commercial International Bank (Egypt) S.A.E.	Medibank Private Ltd	The Chiba Bank, Ltd.
Commerzbank AG	Medical Properties Trust Inc	The Clorox Co.
Commonwealth Bank of Australia	Mediobanca SpA	The Coca-Cola Co.
Compagnie de Saint-Gobain S.A.	Medipal Holdings Corp.	The Cooper Cos., Inc.
Compagnie Générale des Établissements Michelin SCA	Medtronic PLC	The Estée Lauder Companies, Inc.
Compass Group PLC	Meiji Holdings Co., Ltd.	The GPT Group
Computershare Ltd.	Meituan	The Hartford Financial Services Group, Inc.
Conagra Brands Inc	Melrose Industries PLC	The Home Depot Inc
Concordia Financial Group, Ltd.	Mercadolibre, Inc.	The J. M. Smucker Co.
Consolidated Edison Inc	Mercari, Inc.	The Kraft Heinz Co
Constellation Brands Inc	Merck & Co Inc	The Kroger Co
Constellation Software Inc	Merck KGaA	The Mosaic Co.
Contemporary Amperex Technology Co., Ltd.	Mercury NZ Ltd.	The PNC Financial Services Group, Inc.
Continental AG	Meridian Energy Ltd.	The Sage Group plc
Copart Inc	MetLife Inc	The Shizuoka Bank Ltd.
Corning Inc	Metro Inc.	The Southern Co.
COSMOS Pharmaceutical Corp	Mettler-Toledo International Inc.	The Swatch Group AG
CoStar Group, Inc.	Microchip Technology, Inc.	The TJX Cos., Inc.
Costco Wholesale Corp.	Micron Technology Inc	The Toronto-Dominion Bank
Coupa Software, Inc.	Microsoft Corp	The Trade Desk, Inc.
Covestro AG	Mid-America Apartment Communities, Inc.	The Travelers Cos., Inc.
Covivio SA	Midea Group Co., Ltd.	The Walt Disney Co.
Crédit Agricole SA	Minebea Mitsumi, Inc.	The Western Union Co.
CRH PLC	Mirvac Group	Thermo Fisher Scientific Inc.

Croda International PLC	MISUMI Group Inc	Thomson Reuters Corp.
Crompton Greaves Consumer Electricals Ltd	Mitsubishi Chemical Holdings Corp.	TIS, Inc. (Japan)
CrowdStrike Holdings, Inc.	Mitsubishi Electric Corp.	T-Mobile US, Inc.
Crown Castle International Corp	Mitsubishi Estate Co., Ltd.	TMX Group Ltd
CSL Ltd.	Mitsubishi Gas Chemical Co., Inc.	Tobu Railway Co., Ltd.
CSX Corp	Mitsubishi HC Capital, Inc.	Toho Co., Ltd. (9602)
Cummins Inc	Mitsubishi UFJ Financial Group Inc	Tokio Marine Holdings, Inc.
CVS Health Corp.	Mitsui & Co., Ltd.	Tokyo Century Corp.
CyberAgent, Inc.	Mitsui Chemicals, Inc.	Tokyo Electron Ltd.
D.R. Horton Inc	Mitsui Fudosan Co., Ltd.	Tokyo Gas Co., Ltd.
Dai Nippon Printing Co., Ltd.	Miura Co., Ltd.	Tokyu Corp.
Daifuku Co., Ltd.	Mizuho Financial Group Inc	Toppan, Inc.
Dai-ichi Life Holdings, Inc.	Mohawk Industries, Inc.	Topsports International Holdings Ltd.
Daiichi Sankyo Co Ltd	Molina Healthcare, Inc.	Toray Industries, Inc.
Daikin Industries,Ltd.	Molson Coors Beverage Co.	Toromont Industries Ltd.
Daimler AG	Monde Nissin Corp.	Tosoh Corp.
Daimler Truck Holding AG	Mondelez International, Inc.	TotalEnergies SE
Daiwa House Industry Co.,Ltd.	Mondi PLC	Toto Ltd.
Daiwa House REIT Investment Corp	MongoDB, Inc.	Toyo Suisan Kaisha, Ltd.
Daiwa Securities Group Inc.	Monolithic Power Systems, Inc.	Toyota Motor Corp.
Danaher Corp	MonotaRO Co., Ltd.	Toyota Tsusho Corp.
Danone SA	Moody's Corp.	Tractor Supply Co.
Darden Restaurants, Inc.	Morgan Stanley	Tradeweb Markets, Inc.
Dassault Systèmes SA	Moscow Exchange MICEX-RTS PJSC	Transaction Capital Ltd.
Datadog, Inc.	Motorola Solutions, Inc.	TransUnion
Davide Campari-Milano NV	Mowi ASA	Transurban Group Ltd.
DaVita Inc.	Mr Price Group Ltd	Treasury Wine Estates Ltd

DBS Group Holdings Ltd	MS&AD Insurance Group Holdings, Inc.	Trend Micro, Inc.
Deere & Co	MSCI Inc.	Trimble Inc
Delivery Hero SE	MTR Corp. Ltd.	Truist Financial Corp.
Dell Technologies, Inc.	Münchener Rückversicherungs-Gesellschaft AG	Tryg A/S
Delta Air Lines Inc	Murata Manufacturing Co., Ltd.	Tsuruha Holdings Inc
Delta Electronics Inc.	Nasdaq, Inc.	Twilio Inc.
Demant A/S	National Australia Bank Ltd.	Twitter, Inc.
DENSO Corp.	National Bank of Canada	Tyler Technologies, Inc.
Dentsply Sirona Inc	National Grid PLC	U.S. Bancorp
Dentsu Group, Inc.	Naturgy Energy Group SA	Ubisoft Entertainment SA
Detsky Mir PJSC	NatWest Group Plc	UBS Group AG
Deutsche Börse AG	NAVER Corp.	UCB SA
Deutsche Lufthansa AG	NCsoft Corp	UDR, Inc.
Deutsche Post AG	NEC Corp.	Ulta Beauty, Inc.
Deutsche Telekom AG	Nemetschek SE	Umicore
DexCom Inc	Neste Corp	Unibail-Rodamco-Westfield SE
Dexus	Nestlé S.A.	Unicharm Corp.
Diageo PLC	NetApp, Inc.	UniCredit S.p.A.
DiaSorin S.p.A.	NetEase, Inc.	Unilever PLC
Digital Realty Trust Inc	Netflix, Inc.	Union Pacific Corp.
DISCO Corp.	Neurocrine Biosciences, Inc.	Uni-President Enterprises Corp.
Discovery Inc	New World Development Co Ltd	United Internet AG
DISH Network Corp	Newcrest Mining Ltd.	United Microelectronics Corp.
DNB ASA	Newell Brands Inc	United Overseas Bank Ltd. (Singapore)
DocuSign, Inc.	Newmont Corp.	United Parcel Service Inc
Dollar General Corp	Nexi SpA	United Rentals, Inc.
Dollarama Inc.	NEXON Co Ltd	United Spirits Ltd.

Domino's Pizza, Inc.	Next PLC	United Utilities Group PLC
DoorDash, Inc.	NGK Insulators, Ltd.	UnitedHealth Group Inc
Dover Corp	NIBE Industrier AB	Unity Software, Inc.
Dow, Inc.	NIDEC Corp.	Universal Music Group BV
Dropbox, Inc.	Nien Made Enterprise Co., LTD.	UOL Group Ltd.
DSV Panalpina A/S	Nihon M&A Center Inc	UPM-Kymmene Oyj
Duke Realty Corp	Nike Inc.	Upstart Holdings, Inc.
DuPont de Nemours, Inc.	Nintendo Co. Ltd.	USS Co Ltd
Dynatrace, Inc.	Nippon Building Fund Inc.	Vail Resorts, Inc.
E.ON SE	Nippon Express Co., Ltd.	Valeo SE
East Japan Railway Co.	Nippon Paint Holdings Co., Ltd.	Vanguard International Semiconductor Corp.
Eastman Chemical Co	Nippon Prologis REIT Inc	VAT Group AG
Eaton Corp PLC	Nippon Shinyaku Co., Ltd.	Veeva Systems Inc.
eBay Inc	Nippon Telegraph & Telephone Corp.	Ventas, Inc.
Ecolab Inc	Nippon Yusen KK	Venture Corp Ltd.
Ecovacs Robotics Co., Ltd.	Nissan Chemical Corp.	Veolia Environnement S.A.
Edenred SA	Nissin Foods Holdings Co., Ltd	Verbund AG
EDP- Energias de Portugal, S.A.	Nitori Holdings Co., Ltd.	VeriSign, Inc.
EDP Renováveis, S.A.	Nitto Denko Corp.	Verisk Analytics Inc
Edwards Lifesciences Corp.	NN Group N.V.	Verizon Communications Inc.
Eiffage SA	Nokia Oyj	Vertex Pharmaceuticals, Inc.
Eisai Co., Ltd.	Nomura Holdings Inc	Vestas Wind Systems A/S
Elanco Animal Health, Inc.	Nomura Real Estate Holdings Inc	VF Corp
Electrolux AB	Nomura Real Estate Master Fund, Inc.	ViacomCBS, Inc.
Electronic Arts Inc	Nomura Research Institute, Ltd.	VICI Properties, Inc.
Eli Lilly & Co.	Nordea Bank Abp	Vicinity Centres
Elia Group SA/NV	Nordson Corp	Vifor Pharma AG

Elisa Oyj	Norfolk Southern Corp.	Visa, Inc.
Emerson Electric Co	Norsk Hydro ASA	Vitasoy International Holdings Ltd.
Empire Co. Ltd.	Northern Star Resources Ltd	Vivendi SE
Enagás, S.A.	Northern Trust Corp	VMware Inc
Endeavour Group Ltd. (Australia)	Northland Power Inc.	Vodafone Group PLC
Enel SpA	NortonLifeLock, Inc.	voestalpine AG
ENEOS Holdings, Inc.	Novartis AG	Volkswagen AG
Engie SA	Novatek Microelectronics Corp.	Volvo AB
ENN Energy Holdings Ltd.	Novavax, Inc.	Vonovia SE
Enphase Energy, Inc.	Novo Nordisk A/S	Vornado Realty Trust
Entegris, Inc.	Novocure Ltd.	W.P. Carey Inc
EPAM Systems, Inc.	Novozymes A/S	W.W. Grainger Inc
Epiroc AB	NTT DATA Corp.	Walgreens Boots Alliance, Inc.
EQT AB	Nu Holdings Ltd. Class A	Wal-Mart de México, S.A.B. de C.V.
Equifax Inc	Nuance Communications, Inc.	Wärtsilä Oyj Abp
Equinix Inc	Nucor Corp	Waste Management Inc
Equinor ASA	Nutrien Ltd.	Waters Corp.
Equitable Holdings, Inc.	Nuvei Corp.	Wayfair Inc.
Equity LifeStyle Properties, Inc.	NVIDIA Corp.	Welcia Holdings Co Ltd
Equity Residential	NVR Inc	Welltower Inc
Erie Indemnity Co.	NXP Semiconductors NV	Wendel SE
Erste Group Bank AG	Oak Street Health, Inc.	West Fraser Timber Co. Ltd.
ESR Cayman Ltd.	Obayashi Corp.	West Japan Railway Co.
Essential Utilities, Inc.	OBIC Co., Ltd.	West Pharmaceutical Services, Inc.
Essex Property Trust, Inc.	Ocado Group PLC	Western Digital Corp.
EssilorLuxottica SA	Odakyu Electric Railway Co., Ltd.	Westinghouse Air Brake Technologies Corp.
Essity AB	Oji Holdings Corp.	Westpac Banking Corporation

Etsy Inc	Okta Inc	WestRock Co.
Eurazeo SA	Old Dominion Freight Line, Inc.	Weyerhaeuser Co
Eurofins Scientific SE	Omnicom Group Inc.	Wharf Real Estate Investment Co. Ltd.
Euronext N.V.	OMRON Corp.	Wheaton Precious Metals Corp.
Everest Re Group, Ltd.	OMV AG	Whirlpool Corp.
Evolution Mining Ltd.	ON Semiconductor Corp.	Whitbread PLC
Evonik Industries AG	Onex Corp	Willis Towers Watson Plc
Exact Sciences Corp	Ono Pharmaceutical Co., Ltd.	Win Semiconductors Corp
Exor N.V.	Open House Co.,Ltd.	Wipro Ltd.
Expedia Group Inc	Open Text Corp	WiseTech Global Ltd
Expeditors International of Washington Inc	Oracle Corp	Wolters Kluwer N.V.
Experian PLC	Oracle Corp Japan	Woolworths Group Ltd.
Extra Space Storage Inc.	Orange S.A.	Workday Inc
F5 Networks, Inc.	O'Reilly Automotive, Inc.	Worldline SA
FactSet Research Systems Inc.	Orica Ltd.	WPP PLC
Fair Isaac Corp	Oriental Land Co., Ltd.	WR Berkley Corp
FANUC Corp.	ORION Corp.	WSP Global Inc
Fast Retailing Co., Ltd.	Orion Oyj	WuXi AppTec Co., Ltd.
Fastenal Co	ORIX Corp.	Xcel Energy Inc.
Fastighets AB Balder	ORIX JREIT Inc.	Xero Ltd.
Faurecia SE	Orkla ASA	Xilinx, Inc.
Ferguson Plc	Orpea SA	Xinyi Glass Holdings Ltd
Ferrari NV	Ørsted A/S	Xinyi Solar Holdings Ltd
Ferrovial, S.A.	Osaka Gas Co., Ltd.	Xylem Inc
Fidelity National Financial Inc	Otis Worldwide Corp.	Yakult Honsha Co.,Ltd.
Fidelity National Information Services Inc	OTP Bank Nyrt	Yamaha Corp.
Fifth Third Bancorp	OTSUKA CORP.	Yamaha Motor Co., Ltd.

FincoBank SpA	Otsuka Holdings Co., Ltd.	Yandex N.V.
First Republic Bank (San Francisco, California)	Oversea-Chinese Banking Corp Ltd	Yara International ASA
FirstRand Ltd.	Owens Corning	YASKAWA Electric Corp.
FirstService Corp	Ozon Holdings Plc	Yokogawa Electric Corp.
Fiserv Inc	PACCAR Inc	Yum China Holdings, Inc.
Fisher & Paykel Healthcare Corp. Ltd.	PagSeguro Digital Ltd.	Yum! Brands, Inc.
Ford Motor Co	Palantir Technologies, Inc.	Yunnan Aluminium Co., Ltd.
Fortinet Inc	Palo Alto Networks Inc	Z Holdings Corp.
Fortis Inc.	Pan Pacific International Holdings Corp.	Zalando SE
Fortive Corp.	Pandora AS	Zebra Technologies Corp.
Fortune Brands Home & Security, Inc.	Parade Technologies Ltd	Zendesk, Inc.
Foshan Haitian Flavouring & Food Co., Ltd.	Parker-Hannifin Corp.	Zhejiang Sanhua Intelligent Controls Co., Ltd.
Fox Corp.	Parkland Corp.	Zhejiang Supor Co Ltd
Franco-Nevada Corp.	Partners Group Holding AG	Zoetis Inc
Franklin Resources Inc	Paychex, Inc.	Zomato Ltd.
Fresenius Medical Care AG & Co. KGaA	Paycom Software Inc	ZoomInfo Technologies, Inc.
Fresenius SE & Co. KGaA	PayPal Holdings Inc	ZOZO, Inc.
FSN E-Commerce Ventures Ltd.	Pearson PLC	Zscaler, Inc.
Fuji Electric Co., Ltd.	Pentair PLC	Zurich Insurance Group AG

Tabel 4: Top 10 posities euro Vastrentende Waarden op 31 december 2022

Uitgevende instelling	Gewicht	Uitgevende instelling	Gewicht
Duitsland	7,06%	Top 5 holdings	22,25%
Nederland	6,34%	Top 10 holdings	30,94%
Oostenrijk	3,13%	Top 20 holdings	37,88%
Frankrijk	3,03%		
European Union	2,70%		
Finland	2,46%		
België	2,12%		
European Investment Bank	2,09%		
Nederlandse Waterschapsbank NV	1,06%		
Green Storm 2022	0,96%		

Tabel 5: Overzicht beleggingen Vastrentende Waarden op 31 december 2022

Abertis Infraestructuras S.A.	FCA Bank SpA	Netflix, Inc.
ABN AMRO Bank N.V.	Fédération des caisses Desjardins du Québec	New York Life Insurance Co.
Abu Dhabi Crude Oil Pipeline LLC	Ferrovie dello Stato Italiane SpA	NGPL PipeCo LLC (New)
Accor SA	Firmenich SA	NH Hotel Group, S.A.
Achmea BV	Flex Acquisition Co., Inc.	NIBC Bank NV
Adecco Group AG	FMG Resources (August 2006) Pty Ltd.	Nippon Telegraph & Telephone Corp.
Adient Global Holdings Ltd.	Ford Motor Co	Nissan Motor Co Ltd
Adient US LLC	Fresenius SE & Co. KGaA	Nokia Oyj

ADLER Group SA	Gartner Inc	Nomad Foods Ltd
Adler Real Estate AG	Gates Industrial Corp. Plc	Nordea Bank Abp
Aegon NV	General Electric Capital Corp.	Nordic Investment Bank
Aeroporti di Roma SpA	General Motors Company	Norsk Hydro ASA
AGCO International Holdings BV	Georgian Railway JSC	NRW.BANK
Agence Française de Développement	Getlink SE	Nufarm Australia Ltd.
AIB Group PLC	GFL Environmental, Inc.	Occidental Petroleum Corp.
Air Liquide SA	GKN Holdings Ltd. (Birmingham)	OCI NV
Akelius Residential Property AB	Glatfelter Corp.	Oesterreichische Kontrollbank Aktiengesellschaft
Albemarle Corp	Goodyear Dunlop Tires Europe BV	O-I Glass, Inc.
Albertsons Cos., Inc.	Goodyear Tire & Rubber Co	Olin Corp.
Aliaxis SA	Government of Argentina	Olympus Water US Holding Corp.
Alliander N.V.	Government of Austria	Ontex Group NV
Allianz SE	Government of Azerbaijan	OP Financial Group
Allison Transmission, Inc.	Government of Bahrain	OP-Asuntoluottopankki Oyj
Alstom SA	Government of Belgium	Orange S.A.
Altice USA Inc	Government of Benin	Orange SA
American Tower Corp	Government of Brazil	Orbia Advance Corp. SAB de CV
AmeriGas Partners LP	Government of Chile	Organon & Co.
ams AG	Government of Colombia	Owens-Brockway Glass Container, Inc.
Anglian Water Group Ltd.	Government of Costa Rica	Pactiv Evergreen Group Issuer LLC
Anheuser-Busch InBev SA/NV	Government of Croatia	Pactiv Evergreen, Inc.
Antalis SA	Government of Ecuador	Paprec Holding SA
Antero Resources Corp.	Government of Egypt	PartnerRe Ltd.
Apache Corp	Government of El Salvador	Pattern Energy Operations LP
APCOA Parking Holdings GmbH	Government of Finland	Pepsico, Inc.
APRR, SA	Government of France	Pinewood Finco Plc

Aramark	Government of Gabon	Post Holdings Inc
Aramark Services, Inc.	Government of Germany	PPG Industries, Inc.
Arconic Corp.	Government of Ghana	Prime Security Services Borrower, LLC
ARD Holdings SA	Government of Guatemala	Primo Water Corp.
Ardagh Packaging Holdings Ltd.	Government of Hungary	Procter & Gamble Co.
Argenta Banque d'Epargne SA	Government of Indonesia	Prologis, Inc.
Asahi Group Holdings, Ltd.	Government of Ireland	Publicis Groupe S.A.
Ashtead Group PLC	Government of Italy	PulteGroup, Inc.
Asian Development Bank	Government of Ivory Coast	PVH Corp.
ASML Holding N.V.	Government of Jamaica	Q-Park Holding I BV
AT&T Inc	Government of Jordan	Qwest Corp.
Auchan Holding SA	Government of Kazakhstan	Raiffeisen Bank International AG
Australia & New Zealand Banking Group Ltd.	Government of Kenya	Range Resources Corp.
Autostrade per l'Italia SpA	Government of Luxembourg	Rayonier A.M. Products, Inc.
Avis Budget Group Inc	Government of Mexico	RCI Banque S.A.
Aviva PLC	Government of Mongolia	Red Eléctrica Corp. SA
AXA Bank Europe SA	Government of Morocco	Region of Ile-de-France (France)
AXA SA	Government of Oman	Region of Madrid (Spain)
Axalta Coating Systems Dutch Holding B BV	Government of Panama	Repsol, S.A.
Axalta Coating Systems Ltd	Government of Paraguay	Restaurant Brands International Inc.
B&G Foods, Inc.	Government of Perú	Reynolds Group Issuer, Inc.
Balder Finland Oyj	Government of Poland	Rockcliff Energy II LLC
Ball Corp	Government of Qatar	Rolls-Royce Plc
Banca Monte dei Paschi di Siena SpA	Government of Romania	Romania Ministry of Public Finance
Banco Bilbao Vizcaya Argentaria SA	Government of Russia	Royal Bank of Canada
Banco de Credito e Inversiones SA	Government of Saudi Arabia	Royal KPN NV
Banco de Sabadell, S.A.	Government of Senegal	Rubis Terminal

Banco Santander, S.A.	Government of Serbia	Russia Ministry of Finance
Bank of America Corp.	Government of South Africa	Sabine Pass Liquefaction LLC
Bank of Ireland Group PLC	Government of Spain	Safeway Inc.
Bank of Montreal	Government of Sri Lanka	Sagax AB
Banque Fédérative du Crédit Mutuel SA	Government of the Dominican Republic	Sampo Oyj
Banque Ouest Africaine de Développement	Government of the Netherlands	Sanofi
Barclays PLC	Government of the Philippines	Santander UK Plc
Bausch Health Companies Inc	Government of Trinidad & Tobago	Sappi Ltd.
Bawag Group AG	Government of Turkey	Sato Holdings Corp.
Bayerische Landesbodenkreditanstalt	Government of Ukraine	SBA Communications Corp.
Belden Inc	Government of United Kingdom	SBAB Bank AB
Belfius Bank SA	Government of Uruguay	Scih Salt Holdings, Inc.
Berlin Hyp AG	Government of Zambia	Sealed Air Corp.
Berry Global Escrow Corp.	Grand City Properties SA	SEGRO Capital SARL
Birkenstock GmbH & Co. KG	Graphic Packaging Holding Co.	Selecta Group BV
BMW Group	Graphic Packaging International, Inc.	SELP Finance SARL
BNG Bank NV	Green Apple	Sensata Technologies BV
BNP Paribas Fortis SA/NV	Groupe Crédit Mutuel-CIC	Service Corp. International
BNP Paribas SA	Growthpoint Properties Ltd.	SGL Carbon SE
BP p.l.c.	Grupo de Inversiones Suramericana S.A.	Sharjah Finance Department
BPCE SA	GTLK Europe Ltd.	Sharjah Sukuk Programme Ltd.
Brenntag SE	Hammerson PLC	Siemens AG
Brisa Concessão Rodoviária SA	Hanesbrands Inc.	Signify NV
BT Group PLC	Hannover Rück SE	Silgan Holdings Inc.
Burger King Worldwide, Inc.	Harbour Energy Plc	Sirius XM Holdings Inc.
CAB SELAS	Hastings Group Holdings Ltd.	Skandinaviska Enskilda Banken AB
Caisse Française de Financement Local SA	HCA Healthcare Inc	Smurfit Kappa Group PLC

CaixaBank, S.A.	Heathrow Airport Holdings Ltd.	Smurfit Kappa Treasury ULC
Caja Rural de Navarra SCC	HeidelbergCement AG	Snam S.p.A.
Callon Petroleum Co.	Heimstaden Bostad AB	SNCF Réseau SA
Canadian Imperial Bank of Commerce	Highland Holdings SARL	Société Générale SA
Can-Pack SA	Hilton Domestic Operating Co., Inc.	Solvay Finance SA
Canpack US LLC	Hilton Worldwide Finance LLC	Solvay SA
Capgemini SE	Holcim Ltd.	Sparebank 1 Boligkreditt AS
Carlsberg A/S	Holding d'Infrastructures de Transport SAS	SpareBank 1 SR-Bank ASA
Carrefour SA	Hologic Inc	SPCM S.A.
Cascades Inc.	Howmet Aerospace, Inc.	Spectrum Brands Holdings, Inc.
Catalent Pharma Solutions, Inc.	HSBC Holdings PLC	SPIE SA
CBRE Global Investors Open-Ended Fund S.C.A SICAV-SIF	Husky III Holding Ltd.	SS&C Technologies Holdings, Inc.
Cellnex Telecom SA	Husky International Ltd.	Standard Chartered PLC
Cencosud S.A.	I.M.A. Industria Macchine Automatiche S.p.A.	Standard Industries, Inc. (New Jersey)
CeramTec BondCo GmbH	Iberdrola, S.A.	State of North Rhine-Westphalia
CF Industries Holdings Inc	IHO Verwaltungs GmbH	Stora Enso Oyj
Charter Communications Inc	Iliad SA	Suburban Propane Partners, L.P.
Cheniere Corpus Christi Holdings LLC	Imerys SA	Sumitomo Mitsui Financial Group Inc
Cheniere Energy Partners LP.	Imola Merger Corp.	Sumitomo Mitsui Financial Group, Inc.
CHEPLAPHARM Arzneimittel GmbH	INEOS Group Holdings S.A.	Sumitomo Mitsui Trust Holdings, Inc.
Chrome Bidco SASU	Ineos Quattro Holdings Ltd.	Sunoco LP
Cimpress Plc	Infineon Technologies AG	Suzano S.A.
Citycon Treasury BV	ING Groep N.V.	Svenska Handelsbanken AB
Clearwater Paper Corp	ING Groep NV	Swedbank AB
CNH Industrial NV	Ingevity Corp.	Swiss Life Holding AG
Coca-Cola Europacific Partners Plc	Instituto Costarricense de Electricidad	Swisscom AG
Coca-Cola HBC AG	Instituto de Crédito Oficial	Sylvamo Corp.

Cogent Communications Group, Inc.	International Bank for Reconstruction & Development	Takeda Pharmaceutical Co., Ltd.
Commerzbank AG	International Business Machines Corp	Taylor Morrison Communities, Inc.
Commonwealth Bank of Australia	Intesa Sanpaolo S.p.A.	TC Energy Corp.
CommScope Holding Co Inc	IQVIA, Inc.	TE Connectivity Ltd.
CommScope, Inc.	Italgas S.p.A.	Telecom Italia SpA
Compagnie de Saint-Gobain S.A.	James Hardie Industries PLC	Telefonaktiebolaget LM Ericsson
Consolidated Energy Finance SA	Japan Agricultural Cooperatives Group	Telefónica, S.A.
Continental Resources Inc	JPMorgan Chase & Co.	Telenet Group Holding NV
Coöperatieve Centrale Raiffeisen-Boerenleenbank BA	Jyske Realkredit A/S	Telstra Corp. Ltd.
Coöperatieve Rabobank U.A.	KAEFER Isoliertechnik GmbH & Co. KG	Tempur Sealy International, Inc.
Corporación Financiera de Desarrollo SA	KazMunayGas NC JSC	Tenet Healthcare Corp
Corporación Nacional del Cobre de Chile	KB Financial Group Inc	Teréga SA
Council of Europe Development Bank	KBC Group NV	Terega SAS
Covestro AG	KBC Group SA/NV	TERNA Rete Elettrica Nazionale SpA
Crédit Agricole Assurances SA	KEB Hana Bank	Tesco PLC
Crédit Agricole Corporate & Investment Bank SA	Kerry Group PLC	Thames Water (Kemble) Finance Plc
Crédit Agricole SA	KfW	The Bank Of Nova Scotia
Credit Suisse Group AG	Klabın S.A.	The Brink's Co.
CRH PLC	Kleopatra Finco SARL	The Coca-Cola Co.
Crown European Holdings SA	Kleopatra Holdings 2 SCA	The Goldman Sachs Group, Inc.
CTP NV	Kondor Finance Plc	The Kraft Heinz Co
Dana Inc	Koninklijke Ahold Delhaize NV	The State Export-Import Bank of Ukraine JSC
Danaher Corp	Koninklijke DSM N.V.	The Toronto-Dominion Bank
Danfoss A/S	Koninklijke Philips NV	Thermo Fisher Scientific Inc.
Darling Global Finance BV	Kontoor Brands, Inc.	thyssenkrupp AG
Darling Ingredients Inc.	Korea Housing Finance Corp.	Titan Holdings II BV
DaVita Inc.	Kraton Corp	T-Mobile US, Inc.

DBS Group Holdings Ltd	Kuntarahoitus Oyj	TotalEnergies SE
De Volksbank NV	Kutxabank SA	TransDigm Group Inc
Debenhams PLC	La Banque Postale Home Loan SFH SA	Transocean Ltd.
DekaBank Deutsche Girozentrale	La Caisse de Refinancement de l'Habitat SA	Transocean Pontus Ltd.
Dell Technologies, Inc.	La Corporación Andina de Fomento SA	Transocean Poseidon Ltd.
Derichebourg SA	Lamar Advertising Co.	Transurban Group Ltd.
Deutsche Bahn AG	Lamb Weston Holdings, Inc.	TRATON SE
Deutsche Bank AG	Landesbank Hessen-Thüringen Girozentrale	Tri Pointe Homes, Inc.
Deutsche Telekom AG	Lanxess AG	Trinidad Generation Unlimited
Dexia SA	LeasePlan Corp. NV	Trinseo S.A.
Diageo PLC	LEG Immobilien AG	Trivium Packaging Finance BV
Diamond Sports Group LLC	Levi Strauss & Co.	Türkiye Cumhuriyeti Ziraat Bankasi AS
Digital Realty Trust Inc	Liberty Global PLC	UBS Group AG
Direct Line Insurance Group PLC	Lincoln TopCo Pte Ltd.	UGI Corp.
DKT Finance ApS	LKQ European Holdings BV	UGI International LLC
DNB ASA	Lloyds Banking Group PLC	Unédic
Dometic Group AB	Logicor Europe Ltd.	UniCredit S.p.A.
DP World Ltd.	LOXAM SAS	United Overseas Bank Ltd. (Singapore)
DZ HYP AG	Lumen Technologies, Inc. (Louisiana)	United Rentals (North America), Inc.
E.ON SE	LVMH Moët Hennessy Louis Vuitton SE	Upfield Holdings BV
East Renewable AB	M.D.C. Holdings Inc	UPM-Kymmene Oyj
Edgewell Personal Care Co.	Majid Al Futtaim Holding LLC	Venture Global Calcasieu Pass LLC
EDP- Energias de Portugal, S.A.	Mattamy Group Corp.	Veolia Environnement S.A.
eircom Finance DAC	Mauser Packaging Solutions	Verallia SA
El Corte Inglés SA	Medical Properties Trust Inc	Verallia SA
Electricite de France SA	Medtronic PLC	VeriSign, Inc.
Eli Lilly & Co.	Mercer International Inc	Verizon Communications Inc.

Elior Group SA	Merck KGaA	Vesteda Groep B.V.
EMC Corp.	Metso Outotec Oyj	VF Corp
Emirate of Abu Dhabi (United Arab Emirates)	Mexico City Airport Trust	Vistra Corp.
Emirate of Dubai	Microchip Technology, Inc.	VMED O2 UK Financing I Plc
Empresa de Transporte de Pasajeros Metro S.A.	Ministeries van de Vlaamse Gemeenschap	Vodafone Group PLC
Enagás, S.A.	Mizuho Financial Group Inc	VodafoneZiggo Group B.V.
Encompass Health Corp.	Mondi PLC	Volkswagen AG
Enel Chile S.A.	Morgan Stanley	Volkswagen Financial Services AG
Enel SpA	Münchener Rückversicherungs-Gesellschaft AG	Vonovia SE
Energizer Gamma Acquisition BV	Murphy Oil Corp	Wells Fargo & Company
Energizer Holdings Inc	Nabors Industries Ltd.	WEPA Hygieneprodukte GmbH
EQT Corp	Nabors Industries, Inc.	Western Digital Corp.
Equinor ASA	National Australia Bank Ltd.	Westpac Banking Corp.
Equitable Financial Life Global Funding	National Bank of Canada	Westpac Banking Corporation
Erste Group Bank AG	National Co. Kazakhstan Temir Zholy JSC	Wheel Bidco Ltd.
Essity AB	National Power Co. Ukrenergo	Whiting Petroleum Corp.
EUROFIMA European Co for Financing of Railroad Rolling Stock	Nationale-Nederlanden Bank NV	WMG Acquisition Corp.
Eurogrid GmbH	Nationwide Building Society	Wolters Kluwer N.V.
Europcar Mobility Group SA	Naturgy Energy Group SA	Xerox Holdings Corp.
European Investment Bank	NatWest Group Plc	Yorkshire Building Society
European Union	NCR Corp	Yum! Brands, Inc.
Fairfax Financial Holdings Ltd.	Nederlandse Financierings-Maatschappij Ontwikkelingslanden	ZF Friedrichshafen AG
Fastighets AB Balder	Nederlandse Waterschapsbank N.V.	Ziggo Secured Finance BV
Faurecia SE	Nemak SAB de CV	Zürcher Kantonalbank