

Investor Members and Signatories to CDP 2019

| MEMBERS | MEMBERS | MEMBERS |
|--|---------------------------------------|---|
| ACTIAM | Catholic Super | Hang Seng Bank |
| Aegon | CCLA Investment Management Ltd | Harvest Fund Management |
| Allianz Global Investors | ClearBridge Investments | Hermes Fund Managers |
| Allianz Group | Danske Bank A/S | HSBC Global Asset Management |
| Aviva Investors | EdenTree Investment Management | HSBC Holdings plc |
| AXA Group | Edmond de Rothschild Asset Management | Invesco Ltd |
| AXA Investment Managers | Energy Income Partners, LLC | Investec Asset Management |
| Baillie Gifford & Co. | Environment Agency Pension Fund | Itaú Asset Management |
| Bank of America | Ethos Foundation | Janus Henderson Investors |
| BBVA | Etica SGR | Jupiter Asset Management |
| Bluebay Asset Management LLP | Eurizon Capital SGR S.p.A. | Kames Capital |
| BNP Paribas Asset Management | Evenlode Investments | KEVA |
| Boston Common Asset Management, LLC | Fidelity International | Legal and General |
| British Columbia Investment Management Corporation (BCI) | Fondaction CSN | Legg Mason, Inc. |
| Caisse des Dépôts | Franklin Templeton | London Pensions Fund Authority |
| California Public Employees' Retirement System (CalPERS) | FUNDAÇÃO ITAUBANCO | M&G Investments |
| California State Teachers' Retirement System (CalSTRS) | Generation Investment Management | Martin Currie |
| Calvert Investment Management, Inc | GMO LLC | Mongeral Aegon Seguros e Previdência S.A. |
| Canada Pension Plan Investment Board (CPPIB) | Goldman Sachs Asset Management | MS&AD Insurance Group Holdings, Inc. |
| Capricorn Investment Group | Group La Française | National Australia Bank |

| MEMBERS | MEMBERS | MEMBERS |
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| Neuberger Berman | PREVI Caixa de Previdência dos Funcionários do Banco do Brasil | Sompo Holdings, Inc |
| New York State Common Retirement Fund (NYSCRF) | Prudential plc | Sustainable Insight Capital Management (SICM) |
| Nordea Bank Abp | RAM Active Investments | Terra Alpha Investments LLC |
| Nordea Investment Management | Rathbone Greenbank Investments | The Sustainability Group |
| Norges Bank Investment Management (NBIM) | RBC Global Asset Management | UBS |
| Nuveen | Real Grandeza Fundação de Previdência e Assistência Social | University of California |
| OFI Global | Robeco | Veritas Pension Insurance |
| ÖKOWORLD LUX S.A. | RobecoSAM AG | Wellington Management Company LLP |
| Ostrum Asset Management | Rockefeller Asset Management | |
| Overlook Investments Limited | Rothschild & Co | |
| PFA Pension | Sampension KP Livsforsikring A/S | |
| Phillips, Hager & North Investment Management Ltd. | Schroders | |

Signatories

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1919 Investment Counsel

Amundi AM

Auriel Investors

3Sisters Sustainable
Management LLC

ANBIMA – Associação Brasileira
das Entidades dos Mercados
Financeiro e de Capitais

Australia and New Zealand
Banking Group

AB

Anima SGR

Australian Ethical Investment

Aberdeen Standard Investments

Antera Gestão de Recursos S.A.

AustralianSuper

ABRAPP - Associação Brasileira
das Entidades Fechadas de
Previdência Complementar

APG Asset Management NV

Avaron Asset Management AS

Achmea BV

Aquila Capital

avesco Financial Services AG

Addenda Capital Inc.

Arabesque Asset Management

B3 S.A. - Brasil, Bolsa, Balcão

AGF Investment Inc.

Arisaig Partners

Banco Bradesco S/A

Aktia Bank Plc

Armstrong Asset Management

Banco BTG Pactual SA

Alberta Investment Management
Corporation (AIMCo)

ASM Administradora de
Recursos S.A.

Banco do Brasil S/A

Alberta Teachers Retirement
Fund

Assicurazioni Generali Spa

Banco Sabadell

Alecta

ATI Asset Management

Banco Santander

Amalgamated Bank

Atlantic Asset Management Pty
Ltd

Bank J. Safra Sarasin AG

AMF

ATP Group

Bank of Montreal

SignatoriesBank of Nova Scotia
(Scotiabank)

Bankinter

Barclays

Barnard College

Barncancerfonden

BASF Sociedade de Previdência
Complementar

Basler Kantonalbank

BayernInvest
Kapitalverwaltungsgesellschaft
mbHBB Previdência – Fundo de
Pensão Banco do Brasil

BBC Pension Trust Ltd

Bedfordshire Pension Fund

BlackRock

BMO Global Asset Management

BNP Paribas

Signatories

BNY Mellon

Brasilprev Seguros e
Previdência S/A.

Breckinridge Capital Advisors

British Airways Pension
Investment Management Limited

Brown Advisory

CAAT Pension Plan

Caisse de dépôt et placement du
Québec

Caixa Econômica Federal

Caixa Geral de Depósitos

CaixaBank

Caja Ingenieros Gestión, SGIIC

California State University,
Northridge Foundation

Candriam Investors Group

CAPESESP

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CareSuper

Carnegie Fonder

Cathay Financial Holding

Catherine Donnelly Foundation

CBF Church of England Funds

CBRE Group, Inc.

CECEP (Hong Kong) Investment
Co., Ltd

Celeste Funds Management

Central Finance Board of the
Methodist ChurchChange Investment
ManagementChina Development Financial
HoldingsChristian Brothers Investment
Services Inc.

Christian Super

Church Commissioners for
England

Signatories**Signatories****Signatories**

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| Church Investment Group | Credit Suisse | DNCA Investments |
| Church of England Pensions Board | Credito Valtellinese | DNR Capital |
| CI Mutual Funds' Signature Global Advisors | CTBC Financial Holding Co., Ltd | Domini Impact Investments LLC |
| CM-CIC Asset Management | Daegu Bank | Dorval Asset Management |
| CNP Assurances | Daesung Capital Management | DWS Investment GmbH |
| Columbia Threadneedle Investments | Daiwa Securities Group Inc. | EAB Asset Management Ltd |
| Comerica Incorporated | Dana Investment Advisors | Earth Capital Partners LLP |
| Comgest | de Pury Pictet Turretini & Cie S.A. | East Capital AB |
| Commerzbank AG | de Volksbank N.V. | Eaton Vance |
| Commonwealth Superannuation Corporation | DekaBank Deutsche Girozentrale | Ecofi Investissements - Groupe Credit Cooperatif |
| Connecticut Retirement Plans and Trust Funds | Desjardins Group | EGAMO |
| Covea Finance | Deutsche Bank AG | Electron Capital Partners |
| CPR AM | Development Bank of Japan Inc. | ELETRA - Fundação Celg de Seguros e Previdência |
| Credit Agricole | DNB ASA | Elo Mutual Pension Insurance Company |

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| Environmental Investment Services Asia | Federal Finance | Fondo Pensione Cometa |
| Episcopal Diocese of Massachusetts | Federated Investors Inc. | Fonds de Réserve pour les Retraites – FRR |
| Epoch Investment Partners Inc | FIM Asset Management Ltd | Fonds de Solidarite FTQ |
| Epworth Investment Management | Financiere de l'Echiquier | Formuesforvaltning Aktiv Forvaltning AS |
| eQ Asset Management Ltd | FIPECq - Fundação de Previdência Complementar dos Empregados e Servidores | Foundation North |
| ESG Portfolio Management | First Affirmative Financial Network | Fourth Swedish National Pension Fund, (AP4) |
| Essex Investment Management Company, LLC | First Financial Holding Co | Friends Fiduciary Corporation |
| Evangelical Lutheran Church in Canada Pension Plan for Clergy and Lay Workers | First State Superannuation Scheme | Fukoku Capital Management Inc |
| Evangelical Lutheran Foundation of Eastern Canada | First Swedish National Pension Fund (AP1) | Fundação AMPLA de Seguridade Social - Brasileiros |
| Evangelisch-Luth. Kirche in Bayern | Firststrand Limited | Fundação Calouste Gulbenkian |
| Evli Bank Plc | Folketrygdfondet | Fundação Chesf de Assistência e Seguridade Social – Fachesf |
| FACB – Fundação de Previdência dos Empregados da CEB | Folksam Ömsesidig Sakförsäkring | Fundação Corsan - dos Funcionários da Companhia Riograndense de Saneamento |
| FAELCE – Fundacao Coelce de Seguridade Social | Fondazione Cariplo | Fundação de Assistência e Previdência Social do BNDES - FAPES |
| FAPERS- Fundação Assistencial e Previdenciária da Extensão Rural do Rio Grande do Sul | Fondo Pegaso | FUNDAÇÃO SANEPAR DE PREVIDENCIA E ASSISTENCIA SOCIAL FUSAN |

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| Fundação Viva de Previdência | GROUPE OFI AM | Humanis |
| FUNDIÁGUA - FUNDAÇÃO DE PREVIDENCIA COMPLEMENTAR DA CAESB | Grupo BTG Pactual | IDBI Bank Ltd |
| Genesis Investment Management Limited | Grupo Financiero Banorte SAB de CV | IDFC Ltd |
| Genus Capital Management | Grupo Santander Brasil | IFM Investors |
| Gjensidige Forsikring ASA | Guardians of New Zealand Superannuation | Iguana Investimentos |
| Globalance Bank | Hana Financial Group | Ilmarinen Mutual Pension Insurance Company |
| GLS Gemeinschaftsbank eG | Harbour Asset Management | Impax Asset Management Group plc |
| Good Super | Harmonie Mutuelle | Indusind Bank |
| Government Employees Pension Service (GEPS) | Harvard Management Company | Industrial Alliance Insurance and Financial Services Inc. |
| Great Lakes Advisors | HDFC Bank Ltd | Industriens Pension |
| Greater Manchester Pension Fund | Healthcare of Ontario Pension Plan (HOOPP) | ING Group |
| Green Century Capital Management | Heart of England Baptist Association | Insight Investment Management (Global) Ltd |
| GROUPAMA EMEKLİLİK A.Ş. | Helaba Invest Kapitalanlagegesellschaft mbH | Instituto Infraero de Seguridade Social - INFRAPREV |
| GROUPAMA SİGORTA A.Ş. | HESTA | Instituto Sebrae De Seguridade Social - SEBRAEPREV |

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| Insurance Australia Group | KCPS and Company | LocalTapiola Asset Management Ltd |
| Interfaith Center on Corporate Responsibility (ICCR) | KeyCorp | Lofoten Asset Management |
| Investment Management Corporation of Ontario (IMCO) | KfW Bankengruppe | LOGOS PORTFÖY YÖNETİMİ A.Ş. |
| Irish Life Investment Managers | KLP | Lombard Odier |
| Itaú Unibanco Holding S.A. | KPA Pension | Lothian Pension Fund |
| Jantz Management LLC | La Banque Postale | LUCRF Super |
| Jarislowsky Fraser Limited | Länsförsäkringar | Lutheran Council of Great Britain |
| JB FINANCIAL GROUP CO LTD | LaSalle Investment Management | Macquarie Group |
| Jesuits in Britain | LBBW Asset Management Investmentgesellschaft mbH | Magellan Financial Group |
| JLens Investor Network | Legato Capital Management LLC | Maine Public Employees Retirement System |
| JPMorgan Chase & Co. | LGPS Central Limited | Manulife Asset Management |
| KB Financial Group | LGT Capital Partners | MAPFRE |
| KBC Group | Liontrust Asset Management PLC | Maple-Brown Abbott |
| KBI Global Investors | Local Authority Pension Fund Forum | Maryknoll Sisters |

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| Maryland Capital Management | Miller/Howard Investments | MTAA Superannuation Fund |
| Maryland State Treasurer | Mirabaud Asset Management | Nanuk Asset Management |
| Matthews International Capital Management, LLC | Mirae Asset Global Investments Co. Ltd. | Nathan Cummings Foundation, The |
| Mellon Investments Corporation | Mirova | National Bank of Canada |
| Mendesprev Sociedade Previdenciária | Mirvac Group ▼ | National Treasury Management Agency |
| Mercer | Missionary Oblates of Mary Immaculate | Natixis SA |
| Mercy Investment Services, Inc. | Mistra, The Swedish Foundation for Strategic Environmental Research | Natural Investments LLC |
| Mergence Africa Investments (Pty) Limited | Mitsubishi UFJ Financial Group, Inc. | NEI Investments |
| Merseyside Pension Fund | Mitsubishi UFJ Trust and Banking Corporation | New South Wales Treasury Corporation (TCorp) |
| Metropole Gestion | Mizuho Financial Group, Inc. | New York City Comptroller on behalf of the NYC pension funds |
| Metrus – Instituto de Seguridade Social | MN | Newton Investment Management Limited |
| Metzler Asset Management GmbH | Moneta Asset Management | NGS Super |
| MFS Investment Management | Montanaro European Smaller Companies Trust plc | Nikko Asset Management Co., Ltd. |
| Midwest Coalition for Responsible Investment | MP Investment Management A/S | Nissay Asset Management Corporation |

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| NN Group NV | PAI Partners | Plataforma Integral / BREI |
| Nomura Holdings, Inc. | PanAgora Asset Management | PNC Financial Services Group, Inc. |
| North East Scotland Pension fund | Park Foundation | Power Finance Corporation |
| Northern Ireland Local Government Officers' Superannuation Committee | Parnassus Investments | Presbyterian Church (USA) |
| Nykredit | Paul Hamlyn Foundation | PREVHAB PREVIDÊNCIA COMPLEMENTAR |
| Oddo & Cie | PCJ Investment Counsel Ltd. | PREVIG Sociedade de Previdência Complementar |
| OMERS Administration Corporation | Pension Protection Fund | Previnorte - Fundação de Previdência Complementar |
| Ontario Teachers' Pension Plan | PensionDanmark | Priests of the Sacred Heart, US Province |
| OP Wealth Management | Pensionskasse Stadt Zürich | Prologis |
| Opplysningsvesenets fond (The Norwegian Church Endowment) | Perpetual Limited | Province of St. Joseph of the Capuchin Order |
| OPSEU Pension Trust (OP Trust) | PGGM | Provinzial Rheinland Holding |
| Osmosis Investment Management | Pictet Asset Management SA | PSP Investments▼ |
| P+(DIP/JOEP) | PIMCO | QBE Insurance Group |
| P1 Investment Management Ltd | PKA | QIC |

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| Quaero Capital S.A. | Sarasin & Partners | Sp-Fund Management Company Ltd |
| Rabobank Group | Saskatchewan Healthcare Employees' Pension Plan | Sprucegrove Investment Management Ltd |
| Raiffeisen Kapitalanlage-Gesellschaft m.b.H. | SEB Investment Management | Standard Chartered |
| Railpen Investments | Second Swedish National Pension Fund (AP2) | State Bank of India |
| REI Super | Seventh Swedish National Pension Fund (AP7) | State Street Global Advisors (SSgA) |
| Reliance Capital Ltd | Sisters of St Francis of Philadelphia | StatewideSuper |
| Resona Bank, Limited | Sisters of St. Dominic of Caldwell NJ | Stewart Investors |
| Rhode Island General Treasurer | Sjätte AP-fonden (AP6) | Stone Harbor Investment Partners |
| Riverwater Partners LLC | Skandia | Storebrand ASA |
| Ruffer LLP | Sociedade de Previdência Complementar da Dataprev - Prevdta | Strathclyde Pension Fund |
| Russell Investments | Société Générale | Stratus Group |
| Samsung Fire & Marine Insurance | Socrates Fund Management | Sul América Investimentos Distribuidora de Títulos e Valores Mobiliários S.A. |
| Sanso Investment Solution | SouthPeak Investment Management | Sumitomo Mitsui Financial Group |
| Santa Fé Portfolios Ltda | Sparinvest | Sumitomo Mitsui Trust Asset Management Co., Ltd. |

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| Sun Life Financial Inc. | Tempis Capital Management Co., Ltd. | The Russell Family Foundation |
| Sustainable Capital | TfL Pension Fund | The Sisters of St. Ann |
| Svenska Handelsbanken | The Children's Investment Fund Foundation | The Trustees of Columbia University in the City of New York |
| Svenska Kyrkan, Church of Sweden | The Church Pension Fund | The United Church of Canada - General Council |
| Swedbank | The Clean Yield Group | The Vanguard Group |
| Swift Foundation | The Co-operators Group Limited | The Wellcome Trust |
| Swiss Re | The Council of Lutheran Churches | Third Swedish National Pension Fund (AP3) |
| Sycomore Asset Management | The Daly Foundation | Tobam |
| T. Rowe Price Associates, Inc. | The Hartford Financial Services Group, Inc. | Tokio Marine & Nichido Fire Insurance Co., Ltd. |
| T.GARANTİ BANKASI A.Ş. | The Joseph Rowntree Charitable Trust | Tokio Marine Asset Management Co., Ltd |
| T.SINAI KALKINMA BANKASI A.Ş. | The McKnight Foundation | Tortoise UK Advisors Limited |
| Taishin Financial Holdings | The Norinchukin Bank | Tribe Impact Capital |
| Tata Capital Limited | The Pension Plan For Employees of the Public Service Alliance of Canada | Trillium Asset Management, LLC |
| TD Asset Management (TD Asset Management Inc. and TDAM USA Inc.) | The Presbyterian Church in Canada | Triodos Investment Management |

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| Tri-State Coalition for Responsible Investment | University of Washington | Wells Fargo & Company |
| Trium Capital | Van Lanschot Kempen NV | Wespath Investment Management |
| Trusteam Finance | Vancity Group of Companies | West Yorkshire Pension Fund |
| Tundra Fonder | Varma Mutual Pension Insurance Company | Westpac Banking Corporation |
| UniCredit | Ventas Inc | Whitley Asset Management |
| Union Asset Management Holding AG | Veris Wealth Partners | Xoom Capital |
| Unipol Gruppo | VicSuper Pty Ltd | YES BANK Limited |
| UniSuper | Vinva Investment Management | York University |
| Unitarian Universalist Association | Vontobel Holding AG | Youville Provident Fund Inc. |
| United Church Funds | Voya Investment Management | Yuanta Financial Holdings |
| Universities Superannuation Scheme (USS) | Waikato Community Trust | Zurich Cantonal Bank |
| University of Massachusetts Foundation | Walden Asset Management, a division of Boston Trust & Investment Management | Zurich Insurance Group |
| University of Sydney Endowment Fund | Walter Scott & Partners Limited | |
| University of Toronto Asset Management Corporation (UTAM) | Washington State Investment Board | |

All institutions listed above are signatories to the climate change, forests and water security requests, except where marked with a “▼” symbol, indicating they are not signatory to every request.

Last update: June 13th 2019