MINNESOTA STATE BOARD OF INVESTMENT



Board Members:

Governor Tim Walz

State Auditor Julie Blaha

Secretary of State Steve Simon

Attorney General Keith Ellison

Executive Director & Chief Investment Officer:

Mansco Perry

60 Empire Drive Suite 355 St. Paul, MN 55103 (651) 296-3328

Fax: (651) 296-9572

E-mail: minn.sbi@state.mn.us

Website: www.mn.gov/sbi

An Equal Opportunity Employer DATE:

March 1, 2019

TO:

Members, State Board of Investment

FROM:

Mansco Perry III

Executive Director and Chief Investment Officer

SUBJECT: Information Regarding SBI ESG Activity

Based on my discussions with several board members, I believe the attached information regarding the SBI's proxy and Environmental, Social, Governance (ESG) processes may be of interest. SBI staff also provided this information to members of the proxy committee on February 12. Please do not hesitate to contact me with any questions about this material.

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DATE:

March 1, 2019

TO:

Members, State Board of Investment

FROM:

SBI Staff

SUBJECT:

ESG Policy Initiative Update

The Minnesota State Board of Investment is responsible for the management of various retirement funds, trust funds and cash accounts for the State of Minnesota. All investments undertaken by the SBI are governed by the prudent person rule and other standards codified in *Minnesota Statutes*, **Chapter 11A** and **Chapter 356A**.

In September 2017, the State Board of Investment (SBI) adopted a set of Investment Beliefs for managing the assets of the Combined Funds (those funds utilized to support the defined benefit pension plans of the State's employees). The primary purpose of these Beliefs is to guide the SBI toward sound investing principles related to investing on behalf of the Combined Funds. In this respect, the Beliefs help provide context for SBI's actions, reflect SBI's investment values, and acknowledge SBI's role in supporting the State's broader retirement systems. When relevant, the SBI also uses these Beliefs as a guide when investing the assets of the other investment programs that it is responsible for, as deemed appropriate.

One of these beliefs is as follows:

Utilizing engagement initiatives to address environmental, social, and governance-related (ESG) issues can lead to positive portfolio and governance outcomes.

In addition to specific engagement strategies the SBI might apply, proxy rights attached to shareholder interests in public companies are also "plan assets" of the SBI and represent a key mechanism for expressing SBI's positions relating to specific ESG issues. By taking a leadership role in promoting responsible corporate governance through the proxy voting process, SBI can contribute significantly to implementing ESG best practices which should, in turn, add long-term value to SBI's investments.

Proxy Voting

In conjunction with this belief, the Minnesota State Board of Investment authorizes a proxy committee that is responsible for voting the board's proxy rights with respect to shares owned in publicly traded U.S. companies. By exercising its proxy rights, the SBI influences how companies address ESG issues. For instance, the SBI has previously voted to support resolutions requiring companies to conduct research on climate risk and opportunities with respect to a company's business operations. In addition, the SBI has routinely voted against unreasonable executive compensation packages. These examples illustrate the importance of engagement as opposed to divestment and the SBI's ability to influence companies as a shareholder.

ESG Engagement Initiatives

In addition to exercising proxy voting rights, the Minnesota State Board of Investment has partnered with several organizations to more effectively address ESG issues that can lead to positive portfolio outcomes. A brief description of the SBI's activities with each organization is included below:

Council of Institutional Investors (CII)

The SBI was is an original founder a long-term member of CII. The goal of CII is to promote strong shareholder rights and governance standards at public companies. In recent years, the SBI has signed on to several letters regarding these topics addressed to the SEC and United States Congress. SBI staff participate in CII organized events and conference calls to learn about what other institutions are doing in terms of engagement. These opportunities help staff be prepared for the types of proposals that need to be discussed at the Proxy Committee. In 2019, SBI staff will continue to participate in CII led events and initiatives.

Ceres Investor Network

In 2016, the SBI joined the Ceres Investor Network. Ceres' mission is: "transforming the economy to build a sustainable future for people and the planet." Through proxy voting and signing on to letters with other investors, the SBI has supported several Ceres engagement initiatives related to sustainability issues. Last year, the SBI voted in favor of several Ceres backed shareholder resolutions calling for companies to conduct an analysis and disclose how their business model would have to adjust in a scenario where there is a two-degree rise in global temperature.

In 2019, Ceres continues to engage with companies on sustainability issues and in some cases file shareholder resolutions. SBI staff are planning discussions with Ceres to learn more about other investor initiatives they are organizing.

Principles of Responsible Investment (PRI)

The SBI is signatory to the Principles for Responsible Investment. The PRI's mission is: "We believe that an economically efficient, sustainable global financial system is a necessity for long-term value creation. Such a system will reward long-term, responsible investment and benefit the environment and society as a whole. The PRI will work to achieve this sustainable global financial system by encouraging adoption of the Principles and collaboration on their implementation; by fostering good governance, integrity and accountability; and by addressing obstacles to a sustainable financial system that lie within market practices, structures and regulation."

In 2019, the PRI is working with SBI staff on several initiatives related to ESG incorporation and active ownership. First, the PRI is providing SBI staff with materials to support SBI in developing an ESG policy. Secondly, the PRI is making available opportunities for SBI to participate in collaborative shareholder engagements on a range of ESG issues via its Collaboration Platform. In addition, PRI is providing access to educational resources related to responsible investing to any SBI staff, Board members, and Committee members with interest in reviewing. Finally, PRI is advising the SBI on best practices for incorporating ESG criteria into SBI's manager selection, appointment and monitoring processes. In 2021, SBI will be required to report on its progress on implementing the Six Principles as part of the PRI Reporting Framework.

Institutional Limited Partners Association (ILPA)

As an active investor in Limited Partnerships, the SBI is a member of ILPA. ILPA is a member-driven organization dedicated to advancing the interests of Limited Partners through education, research, advocacy and events. In regards to advocacy, ILPA works to promote best practices for governance, transparency and alignment of interest in Limited Partnerships. The SBI has participated in ILPA led initiatives such as promoting best practices to improve transparency in private equity and emphasizing to the SEC the importance of the fiduciary duty standard in the Investment Advisors Act of 1940 as it relates to private equity. In 2019, SBI staff will continue to participate in ILPA led initiatives on a variety of ESG topics from promoting diversity to best practices in fund term extensions.



2018 GLOBAL INVESTOR STATEMENT TO GOVERNMENTS ON CLIMATE CHANGE

This statement is signed by 420 investors representing over USD \$32 trillion in assets.

As institutional investors with millions of beneficiaries around the world, we reiterate our full support for the Paris Agreement [link] and strongly urge all governments to implement the actions that are needed to achieve the goals of the Agreement, with the utmost urgency.

Investors are taking action on climate change. The global shift to clean energy is underway, but much more needs to be done by governments to accelerate the low carbon transition and to improve the resilience of our economy, society and the financial system to climate risks. Investors continue to make significant investments into the low carbon transition across a range of asset classes. Investors are also increasingly incorporating climate change scenarios and climate risk management strategies into their investment processes and engaging with high-emitting companies. To build on this momentum and maintain investor confidence to further shift investment portfolios, it is vital that policy makers are firmly committed to achieving the goals of the Paris Agreement.

We are concerned that the implementation of the Paris Agreement is currently falling short of the agreed goal of "holding the increase in the global average temperature to well below 2°C above preindustrial levels and to pursue efforts to limit the temperature increase to 1.5°C above pre-industrial levels." There is an ambition gap: the full implementation of current Nationally Determined Contributions (NDCs) would lead to an unacceptably high temperature increase that would cause substantial negative economic impacts.

This ambition gap is of great concern to investors and needs to be addressed, with urgency. It is vital for our long-term planning and asset allocation decisions that governments work closely with investors to incorporate Paris-aligned climate scenarios into their policy frameworks and energy transition pathways.

In addition, investors need companies to report reliable and decision-useful climate-related financial information to price climate-related risks and opportunities effectively. That is why we welcome the recommendations of the Financial Stability Board's (FSB) Task Force on Climate-related Financial Disclosure (TCFD) and are taking practical steps to assist their implementation around the world. In order for the TCFD to be effective, it is vital that governments commit to improve climate-related financial reporting standards by publicly supporting the adoption of the TCFD recommendations and the extension of its term beyond September 2018.

The countries and companies that lead in implementing the Paris Agreement and enacting strong climate and low carbon energy policies will see significant economic benefits and attract increased investment that will create jobs in industries of the future. To ensure a smooth and just transition to a low carbon economy and to adapt to the warming already locked in to the climate system, it will be important that the benefits of gaining access to cleaner energy sources are shared by all, and that those workers and communities affected by the transition are supported.

With these principles in mind, we call on global leaders to:

- Achieve the Paris Agreement's goals Update and strengthen nationally-determined contributions to meet the emissions reduction goal of the Paris Agreement, starting the process now in 2018 and completing it no later than 2020, and focusing swiftly on implementation Formulate and communicate long-term emission reduction strategies in 2018 Align all climate-related policy frameworks holistically with the goals of the Paris Agreement Support a just transition to a low carbon economy.
- Accelerate private sector investment into the low carbon transition Incorporate Parisaligned climate scenarios into all relevant policy frameworks and energy transition pathways
 Put a meaningful price on carbon Phase out fossil fuel subsidies by set deadlines Phase out thermal coal power worldwide by set deadlines.
- Commit to improve climate-related financial reporting Publicly support the Financial Stability Board's Task Force on Climate-related Financial Disclosures (TCFD) recommendations and the extension of its term Commit to implement the TCFD recommendations in their jurisdictions, no later than 2020 Request the FSB incorporate the TCFD recommendations into its guidelines Request international standard-setting bodies incorporate the TCFD recommendations into their standards.

We stand ready to work with government leaders in implementing these actions.

Signed,

Note: The following 420 investor signatories with well over \$32 trillion in assets are listed in alphabetical order by organisation name:

27four

Aalto University Foundation

Aargauische Pensionskasse (APK)

Aberdeen Standard Investments

ABP

Achmea Investment Management

ACTIAM

Addenda Capital Inc.

Adrian Dominican Sisters, Portfolio Advisory Board

Aegon N.V.

AGF Investments Inc.

Aktia Bank Plc

Alberta Investment Management Corporation (AIMCo)

Alecta

Allianz Global Investors

Allianz SE

Alquity Investment Management Limited

Alternative Capital Partners Srl

AMF

Amundi

Andra AP-fonden (AP2)

AP3 Third Swedish National Pension Fund

AP4

AP6 (Sjätte AP-fonden)

AP7

APG

Aquila Capital

Archbishops' Council

Ardevora Asset Management LLP

Arjuna Capital

Armstrong Asset Management

As You Sow

ASN Bank

ATLAS Infrastructure

ATP

Ausbil Investment Management Ltd

Australian Ethical Investment

Australian Super

Avaron Asset Management

Avesco Financial Services AG

Aviva Investors

Aviva plc

AXA Investment Managers

Baillie Gifford & Co

Baldwin Brothers

Bank J. Safra Sarasin

Barings LLC

Barncancerfonden

Bâtirente

BBC Pension Trust

BBVA

Bedfordshire Pension Fund

Bernische Lehrerversicherungskasse

BMO Global Asset Management

BNP Paribas Asset Management

Boston Common Asset Management

Brawn Capital Limited

Bridges Fund Management Limited

Brunel Pension Partnership

BT Financial Group

Bullitt Foundation

Caisse de dépôt et placement du Québec (CDPQ)

Caisse de pensions de l'Etat de Vaud (CPEV)

Caisse de pensions ECA-RP

Caisse de Prévoyance de l'Etat de Genève (CPEG)

Caisse de Prévoyance des Interprètes de Conférence (CPIC)

Caisse intercommunale de pensions (CIP)

Caisse paritaire de prévoyance de l'industrie et de la construction (CPPIC)

Caja Ingenieros Gestión

California Public Employees' Retirement System

California State Controller

California State Teachers' Retirement System

California State Treasurer's Office

Calvert Research and Management

Candriam Investors Group

CAP Prévoyance

Capricorn Investment Group

CareSuper

Carnegie Fonder

Cathay Financial Holdings

Catholic Health Initiatives

Catholic Super

Cbus

CCAP Caisse Cantonale d'Assurance Populaire

CCLA

CCOO, FP

Central Finance Board of the Methodist Church

Christian Super

Christopher Reynolds Foundation

Church Commissioners for England

Church Investors Group

Church Of England Pensions Board

Church of Sweden Asset Management

CIEPP - Caisse Inter-Entreprises de Prévoyance Professionnelle

City Developments Limited

CM-CIC Asset Management

Colonial First State Global Asset Management

Cometa Fondo Pensione

COMGEST

Committee on Mission Responsibility Through Investment of the Presbyterian Church U.S.A.

Common Interests

Conference for Corporate Responsibility Indiana And Michigan

Congregation of St. Joseph

Connecticut Retirement Plans and Trust Funds

Connecticut State Treasurer

CPEG

CPR AM

Credito Valtellinese S.p.A.

CRF For Local Government

Dana Investment Advisors

Danske Bank Wealth Management

Daughters of Charity, Province of St. Louise

Davy Asset Management

Dignity Health

Domini Impact Investments LLC

Dominican Sisters of Hope

Dominican Sisters of Sparkill

Dragon Capital Group

DSM Capital Partners LLC

DWS

Earth Capital Partners

East Capital

Ecofi Investissements

Ecofin Limited

EdenTree Investment Management

Edmond de Rothschild Asset Management (France)

EGAMO

Elo Mutual Pension Insurance Company

Encourage Capital

Environment Agency Pension Fund

Epic Capital Wealth Management

Epworth Investment Management

eQ Asset Management Ltd

ERAFP

Essex Investment Management, LLC

Etablissement Cantonal d'Assurance (ECA VAUD)

Ethos Foundation

Everence and the Praxis Mutual Funds

EverWatch Financial

Evli Bank

Felician Sisters of North America

FIM Asset Management

Finance in Motion

First Affirmative Financial Network

First State Super

FMO - Dutch Development Bank

Fondation de la métallurgie vaudoise du bâtiment (FMVB)

Fondation de prévoyance du Groupe BNP PARIBAS en Suisse

Fondation Leenaards, Switzerland

FONDO DE PENSIONES EMPLEADOS DE TELEFONICA

Fonds de Réserve pour les Retraites - FRR

Första AP-fonden (AP1)

Franciscan Sisters of Allegany NY

Friends Fiduciary Corporation

Frontier Advisors

Fundação VIVA DE PREVIDÊNCIA

GAM Investments

Generate Capital, Inc.

Generation Investment Management LLP

Glennmont Partners

GOOD GROWTH INSTITUT für globale Vermögensentwicklung mbH

Greater Manchester Pension Fund

Green Century Capital Management

Greentech Capital Advisors

Handelsbanken Asset Management

Hermes Investment Management

HESTA

Hexavest

HSBC Bank UK Pension Scheme

HSBC Global Asset Management

ICCR (Interfaith Center on Corporate Responsibility)

IFM Investors

Illinois State Treasurer Michael Frerichs

Impact Investors

Impax Asset Management

Industriens Pension

Inherent Group

Insight Investment

INTERAMERICAN

Investec Asset Management

Investment Management Corporation of Ontario (IMCO)

IRCANTEC

Jantz Management LLC

Janus Henderson

JLens Investor Network

Joseph Rowntree Charitable Trust

Kames Capital

KBIGI

Kempen Capital Management

Kendall Sustainable Infrastructure, LLC

La Banque Postale

La Française Group

Labour Union Co-operative Retirement Fund (LUCRF Super)

Lægernes Pension - pensionskassen for læger

Legal & General Investment Management

Legato Capital Management, LLC

LGPS Central Limited

Local Authority Pension Fund Forum

Local Government Super

Local Pensions Partnership

LocalTapiola Asset Management Ltd

Logos Asset Management

London Pensions Fund Authority

Los Angeles County Employees Retirement Association (LACERA)

M&G Investments

Macroclimate LLC

MAIF

Man Group plc

Manulife

Maryknoll Sisters

Maryland Province of the Society of Jesus

Maryland State Treasurer Nancy Kopp

McKnight Foundation

Meeschaert Asset Management

Mennonite Education Agency

Mercer Investments

Merck Family Fund

Mercy Health

Mercy Investment Services, Inc.

Merseyside Pension Fund

MFS Investment Management

Midwest Coalition Responsible Investment

Miller/Howard Investments, Inc.

Minnesota State Board of Investment

Mirabaud

Mirova

Mitsubishi UFJ Kokusai Asset Management Co.,LTD.

Mitsubishi UFJ Trust & Banking Corporation

MN

Montanaro Asset Management Ltd

Morphic Asset Management

MP Pension

MPC Renewable Energies GmbH

Munich Venture Partners

Nanuk Asset Management

Natixis Assurances

Natixis Investment Managers

Natural Investments

NEI Investments

Nephila Capital Ltd

NEST

Nest Sammelstiftung, Switzerland

Neuberger Berman

Neumeier Poma Investment Counsel, LLC

New Forests

New York City Comptroller

New York State Comptroller

Newton Investment Management

Nikko Asset Management

NN Investment Partners

Nomura Asset Management

Nordea

Nordea Asset Management

North East Scotland Pension Fund

Northern Ireland Local Government Officers' Superannuation Committee

NorthStar Asset Management, Inc.

Northwest Coalition for Responsible Investment

OFI AM

Öhman

Old Mutual Global Investors

Ontario Teachers' Pension Plan

OPTrust

Oregon State Treasurer Tobias Read

Ostrum Asset Management

Ownership Capital

P+(DIP/JOEP)

P1 Investment Management Limited

Pædagogernes Pension

Palisade Investment Partners

Parnassus Investments

Pathfinder Asset Management

Pegasus Capital Advisors, L.P.

PenSam

PensionDanmark

Pensions Caixa 30

Pensionskasse Caritas, Switzerland

Pensionskasse der Stadt Winterthur, Switzerland

Pensionskasse Stadt Luzern, Switzerland

Pensionskasse Unia, Switzerland

Permian Global

PFA Pension

PGGM

PHITRUST

Pictet Group

PKA A/S

PME

PMT (Pensioenfonds Metaal & Techniek)

Polaris Capital Group Co., Ltd.

Polden-Puckham Charitable Foundation

Prévoyance Santé Valais (PRESV), Switzerland

prévoyance.ne, Switzerland

Priests of the Sacred Heart, US Province

Princeville Global

Pro BTP Finance

Profelia Fondation de prévoyance, Switzerland

Progressive Asset Management

Progressive Investment Management

Prosperita Stiftung für die berufliche Vorsorge, Switzerland

PT. ASABRI (Persero)

Raiffeisen Capital Management

RAM Active Investments

Rathbone Greenbank Investments

Régime de retraite de l'Université de Montréal

Region VI Coalition for Responsible Investment

Regroupement pour la Responsabilité Sociale des Entreprises (RRSE)

Retraites Populaires, Switzerland

Reynders, McVeigh Capital Management, LLC

Riverwater Partners LLC

Robeco

RobecoSAM

Rockefeller Capital Management

Rose Foundation for Communities and the Environment

Royal London Asset Management

RPMI Railpen

RS Group

Ruffer LLP

Sampension A/S

San Francisco Employees' Retirement System (SFERS)

Santander Empleados Pensiones, F.P.

Sarasin & Partners LLP

SBI Funds Management Private Limited

Schroders plc

Seamans Capital Management, LLC

Seattle City Employees' Retirement System

SEB Investment Management

Seventh Generation Interfaith Inc.

Shareholder Association for Research & Education (SHARE

Sinsinawa Dominincans Inc.

Sisters of Bon Secours USA

Sisters of St. Dominic of Caldwell

Sisters of St. Francis of Philadelphia

Sisters of the Presentation of the BVM of Aberdeen SD

Skandia

SLM Partners Australia

Socially Responsible Investment Coalition

Solaris Investment Management

Solothurnische Gebäudeversicherung, Switzerland

Sophia School Corporation

South Yorkshire Pensions Authority

St. Galler Pensionskasse, Switzerland

Stafford Capital Partners

State of New Mexico - Treasurer's Office

Statewide Super

Steyler Ethik Bank

Stichting Bedrijfstakpensioenfonds voor de Bouwnijverheid

Stichting Pensioenfonds Openbaar Vervoer

Stichting Pensioenfonds voor de Woningcorporaties

Stichting Personeelspensioenfonds APG

Stichting Spoorwegpensioenfonds

Stiftung Abendrot, Switzerland

Storebrand Asset Management AS

Strathclyde Pension Fund

Sumitomo Mitsui Trust Bank

Superannuation Arrangements of the University of London (SAUL)

Sustainable Technology Investors Ltd

Sustainasia Limited

Sway Ventures

SWEN Capital Partners

Swift Foundation

Sycomore Asset Management

Terra Alpha Investments

Terre des hommes, Switzerland

The Atmospheric Fund

The Barrow Cadbury Trust

The George Gund Foundation

The London Borough of Islington Council

The Maryland State Retirement and Pension System

The Osiris Group

The Presbyterian Church in Canada

The Sustainability Group of Loring, Wolcott & Coolidge

The Swedish Foundation for Strategic Environmental Research, Mistra

The Tellus Mater Foundation

Thomson Horstmann and Bryant, Inc.

TOBAM

TPT Retirement Solutions

Transport for London Pension Fund

Tri-State Coalition for Responsible Investment

Trillium Asset Management

Trilogy Global Advisors, LP

Trinity Health

Triodos Investment Management

Trusteam Finance

TT International

UBS Asset Management

Union Bancaire Privée, UBP SA

Union Investment

Union Mutualiste Retraite

Unipol Gruppo

UNISON Staff Pension Scheme

Unitarian Universalist Association

United Church Funds

United Methodist Women

Université de Montréal (Fonds de dotation)

Universities Superannuation Scheme - USS

University of California

University of Toronto Asset Management

Univest Company (Unilever Pension Funds)

Ursuline Sisters of Tildonk, U.S. Province

USA Northeast Province of the Society of Jesus

Vancity Investment Management Ltd.

Varma Mutual Pension Insurance Company

VBV - Vorsorgekasse AG

Veritas Pension Insurance Company

Vermont Pension Investment Committee

Vermont State Treasurer Elizabeth Pearce

Vert Asset Management

VicSuper

Vision Super Pty Ltd

Vontobel

Walden Asset Management/Boston Trust & Investment Management

Washington State Investment Board

Water Asset Management LLC

Wermuth Asset Management GmbH

Wespath

West Midlands Pension Fund

West Yorkshire Pension Fund

Wetherby Asset Management

WHEB Asset Management

Zevin Asset Management

Zurich Insurance Group

This statement is signed by investors and has been developed by the Asia Investor Group on Climate Change, CDP, Ceres, Investor Group on Climate Change, Institutional Investors Group on Climate Change, Principles for Responsible Investment, and the UN Environment Finance Initiative.

All seven partner organizations developed The Investor Agenda: Accelerating Action for a Low-Carbon World.



















Investors taking action in the Policy Advocacy area of The Investor Agenda as of **28 Feb. 2019**

27four

Aalto University Foundation

Aargauische Pensionskasse (APK)

Aberdeen Standard Investments

ABP

Achmea Investment Management

ACTIAM

Addenda Capital Inc.

Adrian Dominican Sisters, Portfolio Advisory

Board

Aegon N.V.

AGF Investments Inc.

Aktia Bank Plc

Alberta Investment Management Corporation

(AIMCo)

Alecta

Allianz Global Investors

Allianz SE

Alquity Investment Management Limited

Alternative Capital Partners Srl

AMF

Amundi

Andra AP-fonden (AP2)

AP3 Third Swedish National Pension Fund

AP4

AP6 (Sjätte AP-fonden)

AP7

APG

Aquila Capital

Archbishops' Council

Ardevora Asset Management LLP

Arjuna Capital

Armstrong Asset Management

As You Sow

ASN Bank

ATLAS Infrastructure

ATP

Ausbil Investment Management Ltd

Australian Ethical Investment

Australian Super

Avaron Asset Management

Avesco Financial Services AG

Aviva Investors

Aviva plc

AXA Investment Managers

Baillie Gifford & Co

Baldwin Brothers

Bank J. Safra Sarasin

Barings LLC

Barncancerfonden

Bâtirente

BBC Pension Trust

BBVA

Bedfordshire Pension Fund

Bernische Lehrerversicherungskasse

BMO Global Asset Management

BNP Paribas Asset Management

Boston Common Asset Management

Brawn Capital Limited

Bridges Fund Management Limited

Brunel Pension Partnership

BT Financial Group

Bullitt Foundation

Caisse de dépôt et placement du Québec

(CDPO

Caisse de pensions de l'Etat de Vaud (CPEV)

Caisse de pensions ECA-RP

Caisse de Prévoyance de l'Etat de Genève

(CPEG)

Caisse de Prévoyance des Interprètes de

Conférence (CPIC)

Caisse intercommunale de pensions (CIP)

Caisse paritaire de prévoyance de l'industrie et

de la construction (CPPIC)

Caja Ingenieros Gestión

California Public Employees' Retirement

System

California State Controller

California State Teachers' Retirement System

California State Treasurer's Office

Calvert Research and Management

Candriam Investors Group

CAP Prévoyance

Capricorn Investment Group

CareSuper

Carnegie Fonder

Cathay Financial Holdings

Catholic Health Initiatives

Catholic Super

CBRE

Cbus

CCAP Caisse Cantonale d'Assurance Populaire

CCLA

CCOO, FP

Central Finance Board of the Methodist

Church

Christian Super

Christopher Reynolds Foundation

Church Commissioners for England

Church Investors Group



Church Of England Pensions Board

Church of Sweden Asset Management

CIEPP - Caisse Inter-Entreprises de Prévoy-

ance Professionnelle

City Developments Limited

CM-CIC Asset Management

Colonial First State Global Asset Management

Cometa Fondo Pensione

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Committee on Mission Responsibility Through Investment of the Presbyterian Church U.S.A.

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Conference for Corporate Responsibility

Indiana And Michigan

Congregation of St. Joseph

Connecticut Retirement Plans and Trust Funds

Connecticut State Treasurer

CPEG

CPR AM

Credito Valtellinese S.p.A.

CRF For Local Government

Dana Investment Advisors

Danske Bank Wealth Management

Daughters of Charity, Province of St. Louise

Davy Asset Management

Dignity Health

Domini Impact Investments LLC

Dominican Sisters of Hope

Dominican Sisters of Sparkill

Dragon Capital Group

DSM Capital Partners LLC

DWS

Earth Capital Partners

East Capital

Ecofi Investissements

Ecofin Limited

EdenTree Investment Management

Edmond de Rothschild Asset Management

(France)

EGAMO

Elo Mutual Pension Insurance Company

Encourage Capital

Environment Agency Pension Fund

Epic Capital Wealth Management

Epworth Investment Management

eQ Asset Management Ltd

ERAFP

Essex Investment Management, LLC

Etablissement Cantonal d'Assurance (ECA

VAUD)

Ethos Foundation

Everence and the Praxis Mutual Funds

EverWatch Financial

Evli Bank

Felician Sisters of North America

FIM Asset Management

Finance in Motion

First Affirmative Financial Network

First State Super

FMO - Dutch Development Bank

Fondation de la métallurgie vaudoise du

bâtiment (FMVB)

Fondation de prévoyance du Groupe BNP

PARIBAS en Suisse

Fondation Leenaards, Switzerland

FONDO DE PENSIONES EMPLEADOS DE

TELEFONICA

Fonds de Réserve pour les Retraites - FRR

Första AP-fonden (AP1)

Franciscan Sisters of Allegany NY

Friends Fiduciary Corporation

Frontier Advisors

Fundação VIVA DE PREVIDÊNCIA

GAM Investments

Generate Capital, Inc.

Generation Investment Management LLP

Glennmont Partners

GOOD GROWTH INSTITUT für globale Vermö-

gensentwicklung mbH

Greater Manchester Pension Fund

Green Century Capital Management

Greentech Capital Advisors

Handelsbanken Asset Management

Hermes Investment Management

HESTA

Hexavest

HSBC Bank UK Pension Scheme

HSBC Global Asset Management

ICCR (Interfaith Center on Corporate Respon-

sibility)

IFM Investors

Illinois State Treasurer Michael Frerichs

Impact Investors

Impax Asset Management

Industriens Pension

Inherent Group

Insight Investment

INTERAMERICAN

Investec Asset Management

Investment Management Corporation of

Ontario (IMCO)

IRCANTEC

Jantz Management LLC

Janus Henderson

JLens Investor Network

Joseph Rowntree Charitable Trust

Kames Capital

KBIGI

Kempen Capital Management

Kendall Sustainable Infrastructure, LLC

La Banque Postale

La Française Group

Labour Union Co-operative Retirement Fund



(LUCRF Super)

Lægernes Pension - pensionskassen for læger

Legal & General Investment Management

Legato Capital Management, LLC

LGPS Central Limited

Local Authority Pension Fund Forum

Local Government Super

Local Pensions Partnership

LocalTapiola Asset Management Ltd

Logos Asset Management

London Pensions Fund Authority

Los Angeles County Employees Retirement

Association (LACERA)

M&G Investments

Macroclimate LLC

MAIF

Man Group plc

Manulife

Maryknoll Sisters

Maryland Province of the Society of Jesus

Maryland State Treasurer Nancy Kopp

McKnight Foundation

Meeschaert Asset Management

Mennonite Education Agency

Mercer Investments

Merck Family Fund

Mercy Health

Mercy Investment Services, Inc.

Merseyside Pension Fund

MFS Investment Management

Midwest Coalition Responsible Investment

Miller/Howard Investments, Inc.

Minnesota State Board of Investment

Mirabaud

Mirova

Mitsubishi UFJ Kokusai Asset Management

Co..LTD

Mitsubishi UFJ Trust & Banking Corporation

MN

Montanaro Asset Management Ltd

Morphic Asset Management

MP Pension

MPC Renewable Energies GmbH

Munich Venture Partners

Nanuk Asset Management

Natixis Assurances

Natixis Investment Managers

Natural Investments

NEI Investments

Nephila Capital Ltd

NEST

Nest Sammelstiftung, Switzerland

Neuberger Berman

Neumeier Poma Investment Counsel, LLC

New Forests

New York City Comptroller

New York State Comptroller

Newton Investment Management

Nikko Asset Management

NN Investment Partners

Nomura Asset Management

Norde

Nordea Asset Management

North East Scotland Pension Fund

Northern Ireland Local Government Officers'

Superannuation Committee

NorthStar Asset Management, Inc.

Northwest Coalition for Responsible Invest-

ment

OFI AM

Öhman

Old Mutual Global Investors

Ontario Teachers' Pension Plan

OPTrust

Oregon State Treasurer Tobias Read

Ostrum Asset Management

Ownership Capital

P+(DIP/JOEP)

P1 Investment Management Limited

Pædagogernes Pension

Palisade Investment Partners

Parnassus Investments

Pathfinder Asset Management

Pegasus Capital Advisors, L.P.

PenSam

PensionDanmark

Pensions Caixa 30

Pensionskasse Caritas, Switzerland

Pensionskasse der Stadt Winterthur, Switzer-

land

Pensionskasse Stadt Luzern, Switzerland

Pensionskasse Unia, Switzerland

Permian Global

PFA Pension

PGGM

PHITRUST

Pictet Group

PKA A/S

PME

PMT (Pensioenfonds Metaal & Techniek)

Polaris Capital Group Co., Ltd.

Polden-Puckham Charitable Foundation

Prévoyance Santé Valais (PRESV), Switzerland

prévoyance.ne, Switzerland

Priests of the Sacred Heart, US Province

Princeville Global

Pro BTP Finance

Profelia Fondation de prévoyance, Switzerland

Progressive Asset Management

Progressive Investment Management

Prosperita Stiftung für die berufliche Vorsorge,

Switzerland

PT. ASABRI (Persero)

Raiffeisen Capital Management



RAM Active Investments

Rathbone Greenbank Investments

Régime de retraite de l'Université de Montréal

Region VI Coalition for Responsible Invest-

ment

Regroupement pour la Responsabilité Sociale

des Entreprises (RRSE) Retraites Populaires, Switzerland

Reynders, McVeigh Capital Management, LLC

Riverwater Partners LLC

Robeco

RobecoSAM

Rockefeller Capital Management

Rose Foundation for Communities and the

Environment

Royal London Asset Management

RPMI Railpen

RS Group

Ruffer LLP

Sampension A/S

San Francisco Employees' Retirement System

(SFERS)

Santander Empleados Pensiones, F.P.

Sarasin & Partners LLP

SBI Funds Management Private Limited

Schroders plc

Seamans Capital Management, LLC

Seattle City Employees' Retirement System

SEB Investment Management

Seventh Generation Interfaith Inc.

Shareholder Association for Research &

Education (SHARE

Sinsinawa Dominincans Inc.

Sisters of Bon Secours USA

Sisters of St. Dominic of Caldwell

Sisters of St. Francis of Philadelphia

Sisters of the Presentation of the BVM of Aberdeen SD

Skandia

SLM Partners Australia

Socially Responsible Investment Coalition

Solaris Investment Management

Solothurnische Gebäudeversicherung, Swit-

zerland

Sophia School Corporation

South Yorkshire Pensions Authority

St. Galler Pensionskasse, Switzerland

Stafford Capital Partners

State of New Mexico - Treasurer's Office

Statewide Super

Steyler Ethik Bank

Stichting Bedrijfstakpensioenfonds voor de

Bouwnijverheid

Stichting Pensioenfonds Openbaar Vervoer

Stichting Pensioenfonds voor de Woningcor-

poraties

Stichting Personeelspensioenfonds APG

Stichting Spoorwegpensioenfonds

Stiftung Abendrot, Switzerland

Storebrand Asset Management AS

Strathclyde Pension Fund

Sumitomo Mitsui Trust Bank

Superannuation Arrangements of the Universi-

ty of London (SAUL)

Sustainable Technology Investors Ltd

Sustainasia Limited

Sway Ventures

SWEN Capital Partners

Swift Foundation

Sycomore Asset Management

Terra Alpha Investments

Terre des hommes, Switzerland

The Atmospheric Fund

The Barrow Cadbury Trust

The George Gund Foundation

The London Borough of Islington Council

The Maryland State Retirement and Pension

System

The Osiris Group

The Presbyterian Church in Canada

The Sustainability Group of Loring, Wolcott &

Coolidge

The Swedish Foundation for Strategic Environ-

mental Research, Mistra

The Tellus Mater Foundation

Thomson Horstmann and Bryant, Inc.

TOBAM

TPT Retirement Solutions

Transport for London Pension Fund

Tri-State Coalition for Responsible Investment

Trillium Asset Management

Trilogy Global Advisors, LP

Trinity Health

Triodos Investment Management

Trusteam Finance

TT International

UBS Asset Management

Union Bancaire Privée, UBP SA

Union Investment

Union Mutualiste Retraite

Unipol Gruppo

UNISON Staff Pension Scheme

Unitarian Universalist Association

United Church Funds

United Methodist Women

Université de Montréal (Fonds de dotation)

Universities Superannuation Scheme - USS

University of California



University of Toronto Asset Management Univest Company (Unilever Pension Funds) Ursuline Sisters of Tildonk, U.S. Province USA Northeast Province of the Society of Jesus

Vancity Investment Management Ltd.

Varma Mutual Pension Insurance Company

VBV - Vorsorgekasse AG

Veritas Pension Insurance Company

Vermont Pension Investment Committee

Vermont State Treasurer Elizabeth Pearce

Vert Asset Management

VicSuper

Vision Super Pty Ltd

Vontobel

Walden Asset Management/Boston Trust &

Investment Management

Washington State Investment Board

Water Asset Management LLC

Wermuth Asset Management GmbH

Wespath

West Midlands Pension Fund

West Yorkshire Pension Fund

Wetherby Asset Management

WHEB Asset Management

Zevin Asset Management

Zurich Insurance Group

Who we are

- For 30+ years, CII has been a leading voice for effective corporate governance standards and practices, strong shareholder rights and sensible financial rules.
- CII promotes fair and vibrant capital markets and investor-useful disclosure.
- Member-approved corporate governance polices support long-term value creation and are a benchmark for investor expectations of companies that tap U.S. securities markets.
- CII has more than 125 asset owner members, with more than \$3.5 trillion in assets, and more than 50 asset manager associate members, with more than \$25 trillion in AUM.

Current priority issues

Public vs private companies

The ongoing debate over the decline in the number of U.S. public companies has spurred calls for lighter securities regulation. It has also been used to justify multi-class capital structures with unequal voting rights; tech-company founders believe super-voting shares make going public more appealing. They contend that having a dual-class moat lets them focus on building long-term value without having to worry about short-term share price pressures.

But these trends have tradeoffs for investors:

- Concentrating voting rights in a few hands entrenches management and makes managers less accountable to shareholders. Also, research shows that the valuation premiums that dual-class companies tend to have over single-class firms in the early years dissipate into discounts six to nine years post-IPO.
- Private companies have less transparent financial reporting, weaker internal controls and the market for them is less liquid.

CII has fostered robust discussion of these trends—at our conferences, in member webinars and publications and by highlighting relevant research. Our May 17 event in NYC will feature a discussion on "Public Company vs. Private Company: Does it Matter?" led by investment professionals and academics.

CII strongly supports the principle of one-share, one-vote: Public companies should have one class of common stock with equal voting rights; companies that make their debut on the public markets with multiple classes of common stock with differentiated voting rights should commit to sunset provisions that collapse to one-share, one-vote within a limited period of time.

Market structure

Market structure issues have become a critical focus for CII members because of advances in technology and the transformation of stock exchanges into for-profit corporations. While CII does not have specific policies on market structure issues, we provide a forum for balanced discussion of developments such as high-frequency trading and blockchain innovation, by hosting knowledgeable speakers at our conferences and on member webinars, and via teleconference calls and publications.

Corporate governance concerns have gotten short shrift at the exchanges themselves. Now public companies, they compete fiercely with each other for listings. In the heat of competition, they sometimes ignore best-practice as they jockey for companies to list their shares. CII supports the SEC's proposed transaction fee pilot that could shed light on the extent to which broker-dealers route orders to specific exchanges in ways that benefit them at the expense of their customers.

Independent proxy research

Independent research helps institutional investors cast informed proxy votes. But access to independent research is threatened by proposed legislation that could drive up the cost of voting responsibly--and possibly drive proxy advisory firms out of business.

The legislation would require proxy advisory firms to share their research reports and proxy voting recommendations with the companies about whom they are writing *before* they are shared with the institutional investors who are their paying clients. CII believes the legislation would bias proxy advisory firms in favor of corporate management. We also believe that the new requirements it would impose are unnecessary, overly burdensome and counter-productive. CII has played a leading role in advocating against the bill—in briefings for members, in meetings on Capitol Hill and in a stream of letters to policy makers.

Director elections

The board of directors is the first line of defense for shareholders. As agents for investors, directors have a responsibility to make decisions in the company's best interest. That's why CII pays close attention to how directors are elected and removed.

CII advocates robustly for majority voting in uncontested elections—still far from the norm at many Russell 3000 companies. Hundreds still use the plurality vote standard, which results in Kremlin-style rubber-stamp elections because all a nominee needs is one vote to be elected.

CII has also pressed for universal proxy cards in contests for board seats. Universal proxies let shareholders vote for the combination of nominees from management's and the dissident's slate that they prefer. Under current SEC rules, that is generally only possible if investors vote in person at the annual meeting. In 2016, the SEC proposed requiring universal proxy cards in contested elections. CII is lobbying vigorously for the SEC to finalize the rule.

Effective disclosure and reliable financial reporting

Investors depend on prompt, transparent disclosure of important corporate financial information. High-quality, timely disclosure gives investors a full picture of a company's businesses and helps them price risk. While eliminating disclosure overlap makes sense, CII believes regulators should focus on protecting investors when considering appeals for reduced disclosure.

Toward that end, CII comments on regulatory and legislative proposals that would affect financial disclosure. In particular, CII supports investor-useful disclosure on environmental, social and governance risks. We also support SEC registration for private equity fund advisors, an SEC proposal to require companies to disclose policies on hedging by executives and directors, and tighter curbs and more transparency of 10b5-1 trading plans that company insiders use to sell company stock.

Forced arbitration

Institutional investors have been alarmed by reports that the SEC is considering a possible policy shift to permit IPO companies to include forced arbitration provisions in their bylaws. CII strongly opposes mandatory arbitration and has discussed concerns with members and policymakers, and submitted comment letters on the topic to the SEC.

While arbitration generally shortens the time required to resolve a dispute, it has serious tradeoffs for investors:

- The process for discovering evidence may be limited in comparison with a judicial proceeding.
- The right to appeal is rare.
- Arbitration awards are not directly enforceable and may require judicial remedy to confirm the award.
- Disputes that go to arbitration rather than the court system generally do not become part of the public record. Putting shareholder lawsuits in the dark will cause them to lose their deterrent effect.



Ceres Investor Network

The Ceres Investor Network on Climate Risk and Sustainability comprises more than 160 institutional investors collectively managing more than \$25 trillion in assets that are advancing leading sustainable investment practices, engaging with major companies on sustainability strategies and supporting innovative policy solutions. The Ceres Investor Network leads efforts to address investment risks and opportunities related to climate change, water scarcity, human rights and other sustainability threats that can have material financial impacts.

Influential investors from leading asset management firms, public pension funds, labor and sociallyresponsible investment funds, foundations, endowments and family offices make up the Ceres Investor Network. Members include BlackRock, State Street Global Advisors and TIAA-CREF, as well as public pension funds in California, Florida, New York and Quebec.

HOW WE WORK

- Provide top-level expertise and support for investor engagements and proxy voting on climate and sustainability issues in nearly every sector of the economy including oil and gas, electric utilities, transportation, food and agriculture, and insurance.
- Deliver cutting-edge research and interactive reports and tools that help investors navigate and understand complex environmental, social and governance (ESG) risks.
- · Support investors in ramping up sustainable investments in clean energy, clean technology innovation, and global food and water systems.
- Advocate for stronger climate and clean energy policies and standards including carbon pricing at the federal and state level.
- · Engage with stock exchanges and financial market regulators, including the U.S. Securities and Exchange Commission and the International Organization of Securities Commissions, on strengthening climate-related financial risk disclosures.

FOR MORE INFORMATION PLEASE VISIT WWW.CERES.ORG/INVESTORNETWORK OR CONTACT WINN COSTANTINI, ASSOCIATE, INVESTOR NETWORK AT COSTANTINI@CERES.ORG



WORKING GROUPS

Ceres Investor Network members engage deeper on sustainable investment practices, corporate engagement strategies and policy solutions through the following working groups:

Carbon Asset Risk Working Group Investor Water Hub

Ceres Climate Action 100+ North America Low Carbon/Clean Energy Investment Working Group

Disclosure Working Group Policy Working Group

Investor Initiative for Sustainable Forests Shareholder Initiative on Climate and Sustainability

MEMBER BENEFITS

Shared Learning Opportunities

The Ceres Investor Network provides members with shared learning opportunities on strategies related to sustainable investing, shareholder proxy voting and ESG integration through events, webinars and working group calls.

Engagement with Companies

Ceres Investor Network members are some of the most active investors in shareholder engagement on climate and sustainability issues. As members, they can participate in stakeholder engagements with representatives from major companies, including many Fortune 500 firms, to promote ESG integration in operations and supply chains.

Collaboration with Global Investor Leaders

Members of the Ceres Investor Network collaborate with investors around the world to accelerate action on climate change through initiatives such as the Global Investor Coalition on Climate Change (GIC) and Climate Action 100+. The GIC is a joint partnership working to improve investor practices, corporate actions and international policy responses to climate change. Investor signatories of Climate Action 100+ engage with the world's largest greenhouse gas emitters to improve governance, curb emissions and strengthen climate disclosures.

Networking Events and Communications

Ceres Investor Network members meet throughout the year at high-profile events including the annual Ceres Conference and biennial Investor Summit on Climate Risk to exchange ideas on how to tackle the biggest sustainability challenges. Ceres Investor Network members also receive access to an exclusive online investor portal that allows peer-to-peer learning for strategic planning and collaboration. The portal is a one-stop-shop for investors looking for more information related to shareholder resolutions, ESG integration and more. Members also receive weekly email updates on news and research, member accomplishments, events and webinars.

"The Ceres Investor Network offers unique opportunities for investors to engage with companies on sustainability risks and opportunities."



JACK ENHES
CEO CALSTRS AND CERES
INVESTOR NETWORK MEMBER

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