

Environmental Investing: The Most Influential Policy Makers

Leyla Acaroglu, Director of Eco Innovators, Filmmaker, Australia

Leyla Acaroglu founded the environmental consultancy and creative social innovation agency, Eco Innovators. Acaroglu's award-winning series of short animated videos, "The Secret Life of Things," explore hidden environmental impacts of everyday things. She is an advocate for strategic sustainability decision making.

Luis Roberto Acosta, Director of Latin American Regional Activities at the Climate Institute, Mexico

Luis Roberto Acosta is the moving force behind the world's highest Global Climate Observation Center. He is working to fill a crucial gap in the Global Atmospheric Watch Network coordinated by the World Meteorological Organization (WMO), in the highest mountains that surround the Gulf of Mexico. Acosta's research addressed the interaction between tropospheric and stratospheric ozone and UV radiation in Mexico City's environment. He developed strategic collaborative efforts between science, society, and governments to face environmental challenges.

Dr. Frank Ackerman, Senior Economist at Synapse Energy Economics and a Senior Research Fellow at the Global Development and Environment Institute at Tufts University, USA

As an economist who specializes in climate change, Dr. Ackerman is also a prominent critic of conventional economic approaches to climate policy and the abuses of cost-benefit analysis. He has directed studies for clients that include Greenpeace, the European Parliament, and U.S. federal and state agencies. He is the author of: *Can We Afford the Future? Economics for a Warming World* (Zed Books, 2009)

Peter Bach, Chief Adviser at the Danish Energy Agency, and President of The European Council for an Energy Efficient Economy, Denmark

Peter Bach has been strongly involved in international energy efficiency activities, and a representative for the Danish government in negotiations of new directives in the EU. He is strongly involved in the formulation, implementation, and evaluation of Danish energy efficiency policies and measures. He has been especially involved in the development of the new Danish Energy Strategy 2050, which shows how Denmark can become independent of fossil fuels.

Saima Baig, Coordinator of Environmental Economics Programme at the International Union for the Conservation of Nature; Head of Environmental Research at Better Brains, UK and Pakistan

Baig's research work on mangrove ecosystems in Pakistan, valuing biodiversity in the Maldives, sustainable financing strategies for coastal areas in Thailand and protected areas in Lao PDR, and forest governance has received international acclaim.

Per Bertilsson, Deputy Executive Director of the Stockholm International Water Institute, Sweden

He is responsible for the overall project management and strategic direction of the Stockholm International Water Institute (SIWI), a Stockholm-based policy institute that generates knowledge and informs decision-making towards water wise policy. This includes performing research, building institutional capacity, and providing advisory services in five thematic areas: water governance, trans-boundary water management, climate change and water, the water-energy-food nexus, and water economics. Mr. Bertilsson coordinates knowledge services activities, which include applied research, advisory services, and capacity building. He also provides support for the UNDP Water Governance Facility as a policy adviser to governments and stakeholders on water governance matters.

Dr. Fatih Birol, Chief Economist and Director of Global Energy Economics at the International Energy Agency, France

Dr. Birol oversees the IEA's World Energy Outlook publication on global energy markets and is the founder of the IEA Energy Business Council, a forum which facilitates the cooperation between the energy industry and energy policymakers. He undertakes additional responsibilities at the IEA, an autonomous organization that works with countries to stimulate economic growth through the promotion of clean energy, and has also worked for the UN on sustainable energy matters, and is the chairman of the World Economic Forum's Energy Advisory Board.

Michael Block, Co-founder of Sustainability Practice Network, and Chief Executive and Principal of Kinetix [business ecology] USA

In order to further a productive community approach to sustainability issues, Mr. Block co-founded the Sustainability Practice Network, an interdisciplinary forum that attempts to raise awareness and deal with issues of corporate sustainability and sustainable development. Block is also the chief executive of Kinetix, a company that consults with clients on how to optimize corporate sustainability and sustainable real estate business models within their own corporations.

**Lester Brown, Founder of the Earth Policy Institute and Worldwatch, USA;
Reah Janise Kauffman, Co-founder and Vice President, of the Earth Policy Institute, USA**

Mr. Brown, the author of numerous books, including *World on the Edge: How to Prevent Environmental and Economic Collapse*, helped to pioneer the concept of environmentally sustainable development. His principal research areas include food, population, water, climate change, and renewable energy.

Ms. Kauffman oversees the administrative aspects of Earth Policy Institute, including managing its worldwide publishing network, outreach program, website, marketing, fundraising, and personnel.

Dr. Gro Harlem Brundtland, Former Prime Minister of Norway; Former Director General of the World Health Organization; Special Envoy for Climate Change for the UN, Norway

Dr. Brundtland, a medical doctor, is the former Prime Minister of Norway and former Director General of WHO. She helped develop the concept of sustainable development as the chair of the World Commission of Environment and Development (the Brundtland Commission). Recently, she headlined the 2012 Africa CEO Round-table & Conference on Corporate Sustainability & Responsibility.

Brian Castelli, Alliance to Save Energy Senior Fellow, USA

Mr. Castelli has worked in the energy field for thirty years, and has a strong background in energy research, policy, and development. He has previously held positions in the Pennsylvania Energy Office (where he developed an alternative fuel plan and a loan fund for energy-saving measures) and in the U.S. Department of Energy, and has run his own energy consulting firm. He now works for ASE, a non-profit organization that seeks to illuminate the environmental and financial benefits of energy efficiency through research and political influence.

***Eileen Claussen, President of Center for Climate and Energy Solutions (C2SE); President of Strategies for the Global Environment, USA**

Ms. Claussen is the former assistant secretary of state for oceans and international environmental and scientific affairs and served as a special assistant to the president and senior director for global environmental affairs at the National Security Council. She was director of atmospheric programs at the U.S. Environmental Protection Agency, where she was responsible for activities related to the depletion of the ozone layer; Title IV of the Clean Air Act; and the EPA's energy efficiency programs, including the Green Lights program and the Energy Star program. *Learn more about Ms. Claussen's work on page 27 and watch her video interview, which is available from the link on the JEI home page.*

Polly Courtice, Director, University of Cambridge Programme for Sustainability Leadership, Cambridge, UK

Ms Courtice is a member of the University's Board of Executive and Professional Development and academic director of CPSL's Masters in Sustainability Leadership. She is a director of Jupiter Green Investment Trust and chairs Anglian Water's advisory group on Climate Change and Economic Growth. In 2007, she was appointed by Al Gore to run his Climate Project in the UK, helping leaders deepen their understanding of climate change and explore appropriate action. In 2008, she was made a Lieutenant of the Victorian Order (LVO) announced in the Queen's Birthday Honours list.

Philippe Cousteau, Co-founder and President of Earth Echo International; Co-founder and Chairman of Global Echo Foundation; partnered with AdvisorShares to launch Global Echo ETF, USA

Mr. Cousteau launched the Global Echo Exchange Traded Fund along with AdvisorShares in order to provide funding solutions to social and environmental challenges through the Global Echo Foundation and to support sustainable investing.

Gary Dunning, Executive Director of The Forests Dialogue (TFD) at Yale University, USA

Mr. Dunning has been working on forest related issues for over 25 years. He is the founding Executive Director of the Yale University's Global Institute of Sustainable Forestry and helped to create and lead the Yale Forest Forum. The Forest Dialogue comprises a group of individuals from diverse interests committed to conservation and sustainable uses of the earth's forests.

Andreas Enge, Head of the Strategy and Analysis Unit at Enova; Vice President at The European Council for an Energy Efficient Economy, Norway

Enova SF is a Norwegian organization that was "established in order to drive forward the changeover to more environmentally friendly consumption and generation of energy" by promoting more efficient energy consumption and the production of renewable energy. The main focus of Andreas Enge's work at Enova is policy analyses and strategies in line with those two goals. He works on program design and evaluation and is also involved in the development of national and

international energy-related standards. Mr. Enge is on the International Energy Agency working party for energy efficiency and represents Enova on the European Council for an Energy Efficient Economy.

Aniol Esteban, Head of Environmental Economics at the New Economics Foundation (NEF), UK

Mr. Esteban oversees economics research and works with his team to advance their goals through policy, education, and campaigning work. He is a former economist at the Royal Society for the Protection of Birds and has been involved with various EU research projects on water, marine, and nature conservation policies. He currently works on a wide range of topics, including fisheries, climate change, energy, ownership of natural resources, ecological limits, and the links between the natural environment and well-being.

Christiana Figueres, Executive Secretary of the UN Framework Convention on Climate Change; former Senior Advisor to C-Quest Capital, USA and Costa Rica

Ms. Figueres has written extensively on the design of climate solutions and has frequently advised the private sector on how to play a leadership role in climate mitigation. She has been involved in climate change negotiations since 1995, and was a member of the Costa Rican negotiating team and representative of Latin America and the Caribbean on the executive board of the Clean Development Mechanism, and the vice president of the Bureau, UN Framework Convention on Climate Change (UNFCCC). Ms. Figueres has served on several boards of non-governmental organizations involved in climate change issues, including the Voluntary Carbon Standard.

John Firth, CEO and Co-Founder of Acclimatise, UK

For over 20 years, Mr. Firth has worked on the impacts of climate change on business planning and risk management, particularly concerning large fixed-asset companies and the financial services sector. He co-founded Acclimatise, an advisory firm that utilizes science and technology to assist clients in risk management and financial adaptation in the face of climate change. He has also published numerous papers, is a frequent speaker on climate issues, and is interested in the promotion of climate finance in developing countries.

Dr. Dörte Fouquet, Director at the European Renewable Energy Federation, Belgium and Germany

Dr. Fouquet's emphasis in her professional career has been on various legal aspects of energy, the environment, and competition, as well as on administrative law. Her major focus in counseling is on issues in the field of energy law, especially in relation to renewable energies, energy efficiency, grid regulations, and competition law. She also works in the area of industrial environmental legislation and has extensive experience working with national, international and, in particular, European institutions and NGOs.

***Peter Fusaro, Founder of Global Change Associates, USA**

Mr. Fusaro has worked for over thirty years in the international energy sphere in numerous positions. He is an advisor or board member for multiple cleantech startup companies, teaches a course on renewable energy at Columbia University, and is a member of the Board of Trustees of the New York Institute of Energy and Water. He has authored sixteen books on renewable energy and finance, and is the founder of Global Change Associates, a firm that offers advice and consultation to corporate clients on issues concerning renewable energy and the impact of climate change on financial markets. *Learn more about Mr. Fusaro's work on page 31.*

Bill Ginn, Chief Conservation Officer for The Nature Conservancy; Director of the Global Forest Partnership, USA

In his role as director of the Global Forest Partnership, Bill Ginn has displayed foresight and innovation in helping the Nature Conservancy protect over 3 million acres of forestland. He also has served as director of the Forest Conservation Strategies Program, deputy director of the Eastern U.S./Caribbean Region, and deputy director of the Asia-Pacific Region. Recognized throughout the larger conservation community as a thought-leader, Ginn is also the author of *Investing in Nature*, a book about engaging the private sector in conservation.

***Kirsty Hamilton, Policy Head and member of the Steering Committee of the Low Carbon Finance Group, UK**

Ms. Hamilton has 23 years' experience in international climate and energy policy, including in positions as an associate fellow at the Energy, Environment and Development Programme at Chatham House, with the World Economic Forum's Global Council on Sustainable Energy, the World Economic Forum Green Investing Committee, as an advisor to the UNEP Finance Initiative, as well as with other organizations. She currently works with the Low Carbon Finance Group to bring together senior energy finance practitioners from across the finance spectrum to engage with lead policy counterparts. *Learn more about Ms. Hamilton's work on page 33.*

Dr. James Hansen, Director, Program on Climate Science, Awareness and Solutions, USA

Dr. Hansen is director of the new Program on Climate Science, Awareness, and Solutions, which will engage in climate research and policy communication and outreach to civic leaders and the media. The former director of the NASA Goddard Institute for Space Studies, Dr. Hansen is well-known for his research in radiative transfer in planetary atmospheres, which may help scientists to monitor and study changes to the earth. He is an accomplished researcher who is recognized for his activist role in climate science for the purpose of understanding current climate trends and the means of mitigating climate change.

Connie Hedegaard, EU Commissioner for Climate Action, Denmark

Ms. Hedegaard helped set up Denmark's Ministry of Climate and Energy and, on behalf of Denmark, hosted the UN Climate Change Conference in 2009. Her priorities include implementing the European Climate and Energy package and helping to lead Europe toward a competitive low-carbon economy.

Martin Hiller, Director General of the Renewable Energy & Energy Efficiency Partnership (REEEP), Austria

Mr. Hiller's in-depth knowledge of climate change and energy issues comes from his more than 20 years of experience in specialized policy communications and clean energy campaigns. Under his leadership, REEEP has sharpened its focus as a catalyst for up-scaling clean energy business models. Recently Martin finished a long career at the environmental NGO WWF where he had led campaigns and communications in the global climate and energy program.

Rainer Hinrichs-Rahlwes, President of the European Renewable Energy Council and the European Renewable Energy Federation, Germany

Mr. Hinrichs-Rahlwes is an advocate for renewable energy and effective support systems. He promotes system transformation towards an integrated energy framework that will result in a fully renewables-based energy supply.

Wael Hmaidan, Director of the Climate Action Network (CAN), Lebanon

Mr. Hmaidan is the director of CAN-International, a confederation of over 850 independent NGO's from over 100 countries. CAN's vision is to protect the atmosphere while allowing for sustainable and equitable development worldwide. Wael has over 16 years of experience working in NGO management and green campaigning, during which he has focused primarily on climate change. He helped raise awareness of climate issues in the Arab world through the campaign he instituted with his own organization, IndyACT. He also served as one of the lead negotiators for the Lebanese government in the UNFCCC.

Trevor Houser, Visiting Fellow at the Peterson Institute for International Economics; Partner at Rhodium Group, USA

At the Rhodium Group, Mr. Houser leads the energy and natural resources work. His areas of research include energy and environmental policy and markets and energy-related international trade and investment issues. As a visiting fellow at the Peterson Institute, he writes on energy, commodity, and environmental market and policy issues. While in government, Trevor negotiated seven bilateral U.S.–China energy agreements, including the U.S.–China Shale Gas Initiative and the establishment of the U.S.–China Clean Energy Research Center.

Dr. Naoko Ishii, CEO and Chairperson of the Global Environment Facility (GEF), Japan

Before becoming the fourth CEO and Chairperson of the GEF, Dr. Ishii, as Deputy Vice Minister of Finance, was responsible for Japan's international financial and development policies, and for its global policies on environmental issues such as climate change and biodiversity. She led the Japanese delegation at the Transition Committee for designing the Green Climate Fund. Dr. Ishii's career at the Ministry of Finance began in 1981 with a focus on the international sphere, particularly development issues. Later in her career, she was Japan's Director for Bilateral Development Finance (2004–2006) and for coordination with Multilateral Development Banks (2002–04).

Bruce Katz, Vice President and Director of the Metropolitan Policy Program at the Brookings Institute, USA

Mr. Katz is the founding director of the Brookings Metropolitan Policy Program, which aims to provide decision makers in the public, corporate, and civic sectors with policy ideas for improving the health and prosperity of cities and metropolitan areas. His advocacy for reforms that will help metropolitan areas grow embraces competitive and sustainable ways to improve the lives of all citizens and to extend that concern to the life of the planet.

Edward Kearns, Acting Chief of the Remote Sensing and Applications Division, National Climatic Data Center at the National Oceanic and Atmospheric Administration, USA

Dr. Kearns works on the creation of climate data records from satellite observations; geophysical data management and stewardship; data systems that support the transmission, archive, and distribution of observed and modeled data; high performance computing; coastal ecosystem restoration and project management; ocean dynamics, observing systems, and near-shore processes; and instrumentation.

Alexandre Kossoy, Senior Financial Specialist in the Carbon Finance Unit at the World Bank, USA

Alexandre Kossoy has over 20 years of professional experience in carbon finance. He is the team leader and co-author of the World Bank reports, *State and Trends of the Carbon Market*, for 2010, 2011, and 2012. He oversees many financial activities within the Unit, which include the definition of the carbon prices and

other commercial conditions of the World Bank's carbon funds and facilities. Mr. Kossoy has been actively involved in most World Bank financial instruments related to carbon finance, including: the Strategic Framework on Climate Change and Development for the World Bank Group (co-chair of the finance working group), the World Bank carbon neutral program, and the carbon-linked bonds.

***Cary Krosinsky, Principal at S3; Columbia University; Executive Director of the Network for Sustainable Financial Markets (NSFM)**

Mr. Krosinsky teaches sustainability and investing at Columbia University's Earth Institute and writes about climate change issues. As the NSFM executive director, Cary helps the group focus its research and debate on the underlying causes of financial market instability and on the development of fundamental reforms. Previously, he helped oversee and create the Principles for Responsible Investment. He is also a founder and former director of the Carbon Tracker Initiative. *Learn more about Mr. Krosinsky's work on page 36.*

Dr. Alan Krupnick, Director of the Center for Energy Economics and Policy at Resources for the Future; Director of Research and a Senior Fellow at RFF, USA

Dr. Krupnick is the lead author of the study result, *Toward a New National Energy Policy: Assessing the Options*; a consultant to state governments, federal agencies, and private corporations, including the Canadian government, the European Union, the WHO, and the World Bank. He is also a former senior economist on the President's Council of Economic Advisors, where his role was to advise the Clinton administration on environmental and natural resource policy issues.

Fred Krupp, President of Environmental Defense Fund, USA

As the president of Environmental Defense Fund, Fred Krupp has been influential in the development of innovative market-based solutions to environmental problems, such as the market-based acid rain reduction plan in the 1990 Clean Air Act, and for engaging large corporations in strategic partnerships to improve energy efficiency across the global supply chain. In 2011, he was appointed to a U.S. energy panel convened to recommend measures to reduce the environmental impact and improve the safety of shale gas production. In this role, he advocated for greater oversight and enforcement, strong regulation of air and water pollution, public disclosure of chemicals in fracking fluids and wastewater, minimization of land use impacts, and the reduction of methane leakage.

Rachel Kyte, Vice President of Sustainable Development at the World Bank, USA and UK

Ms. Kyte's overall responsibilities at the World Bank are for the organization's global work in agriculture, the environment, infrastructure, urban development, and social development. Previously, she was the vice president for Business Advisory Services at the International Finance Corporation (IFC). Ms. Kyte served as IFC's Director for Environmental and Social Development, where she led efforts to develop new sustainability performance standards.

***Julia Langer, Chief Executive Officer, Toronto Atmospheric Fund (TAF), Canada**

Ms. Langer works on advancing low-carbon solutions for cities. She has worked with the Canadian government and with NGOs, where she led campaigns to address climate change, protect marine turtles, and ban toxic chemicals. *Learn more about Ms. Langer's work on page 39.*

Dr. Jeremy Leggett, Founder and non-Executive Chairman of SolarCentury; Founder and Chairman of SolarAid, UK

The author of *The Energy of Nations*; *The Carbon War*; and *Half Gone*, Dr. Leggett founded renewable energy company Solarcentury in 1998 with the goal of making solar energy accessible. He is also the founder and Chairman of SolarAid, an African solar lighting charity set up with Solarcentury profits. He is an activist for employing renewables and redeploying energy funding as solutions to systemic environmental, financial, and social global risks.

***Li Junfeng, President of Chinese Renewable Energy Industries Association (CREIA); Director General of National Center for Climate Change Strategy and International Cooperation (NCSC), China**

Mr. Li is an expert in climate change and technology transfer issues. Recognized as one of China's preeminent advocates of renewable energy, he has helped to make possible the implementation of a national technology program for wind and solar PV. He has also worked on renewable energy project development for GEF, the World Bank, and the UNDP. *Learn more about Mr. Li's work on page 41.*

Li Yong, Director General of the United Nations Industrial Development Organization, China

Mr. Li was elected the Director General of UNIDO in 2013. Before his work with UNIDO, Mr. Li served for over a decade as China's Vice Finance Minister and Assistant Finance Minister. Mr. Li has placed particular emphasis on the alleviation of poverty and promotion of agricultural development, establishing the China Agricultural Development Fund to provide agricultural businesses with access to public and private financial resources.

Ernst Ligteringen, Chief Executive of Global Reporting Initiative (GRI), The Netherlands

Mr. Ligteringen is in charge of the organizational and program management of the GRI, a non-profit organization that works towards a more transparent and sustainable global economy by supplying companies and other organizations with environmental reporting standards in the hopes that responsible reporting will one day become standard practice.

Mindy Lubber, President of Ceres, Inc.; Founder of Green Century Capital Management; Director of the Investor Network on Climate Risk, USA

In 1991, Ms. Lubber launched Green Century Capital Management, the first U.S. mutual fund company to be wholly owned by nonprofit public interest groups. She is a founding board member of Ceres, which advocates for sustainability leadership through a network of investors, companies, and public interest groups. She also directs the Investor Network on Climate Risk (INCR), a group of more than 100 institutional investors managing \$10 trillion in assets focused on the business risks and opportunities of climate change.

Nick Mabey, Founding Director and Chief Executive of Third Generation Environmentalism (E3G), UK

E3G is a non-profit international organization dedicated to accelerating the transition to sustainable development. Nick Mabey manages the organization and leads E3G's work on European climate change policy, climate diplomacy, and foreign policy, as well as the security implications of climate change. His previous work in green energy and environmental investing issues included a position as a senior advisor in the UK Prime Minister's Strategy Unit. In that role, he led work on energy, climate change, countries at risk of instability, organized crime and fisheries, and other national and international policy issues.

Bill McKibben, Author, *The End of Nature*, Guggenheim Fellow, Founder of 350.org, USA

Bill McKibben is a well-known environmental author and activist and the founder of 350.org, an international climate change campaign. His 1989 book *The End of Nature* was the first book to warn the general public about the threat of global warming. He has been awarded Guggenheim and Lyndhurst Fellowships, and won the Lannan Prize for nonfiction writing in 2000. His latest book is *Oil and Honey: The Education of an Unlikely Activist*.

Jennifer Morgan, Director of Climate and Energy Program at the World Resources Institute (WRI), USA

At the WRI, Ms. Morgan oversees work on climate change issues and guides its strategy in helping countries and individuals act to ensure a zero-carbon future. Under her leadership, the program is in the process of deepening its engagement in China, India, and Brazil. She has been recognized for her long-term commitment to international climate issues and the empowerment of civil society.

Nils Kristian Nakstad, CEO of Enova, Norway

Mr. Nakstad oversees Enova SF, a public enterprise owned by the Royal Norwegian Ministry of Petroleum and Energy. Enova's main objective is to promote environmentally friendly restructuring of energy end-use and energy production. This energy restructuring is a long-term initiative to develop the market for efficient and environmentally friendly energy solutions that contribute to strengthening the security of supply for energy and reduce the emissions of greenhouse gases. Mr. Nakstad works with companies to implement innovative solutions on a large scale and to use technology development in the face of climate and energy challenges.

Uzoamaka Nwamarah, Senior Climate Change Specialist at the African Development Bank (ADB), Tunisia

The climate change specialist Uzoamaka Nwamarah has helped coordinate the African Development Bank's efforts towards establishing the Africa Carbon Facility. She has worked on the proposal for the creation of such a facility that will serve as an instrument to significantly increase Africa's share in this market. Ms. Nwamarah has worked with the ADB to increase its activity on climate change related projects, which the bank sees as central to its core business and an issue that requires urgent action.

Simon O'Connor, CEO of Responsible Investment Association Australasia, Australia

Mr. O'Connor has worked in the financial services and economics spheres where they converge with sustainability and environmental issues in the UK and Australia. For over five years, he worked with an environmental NGO, advocating for a smarter economy that is cleaner, more productive, and sustainable. While working at the Australian Conservation Foundation (ACF), he led the debate on issues important to the development of sustainable financial markets. These issues included extensive work advocating for a carbon price and the financing of Australia's low carbon economy. His specialties include analysis and advocacy on renewable energy financing, carbon pricing, infrastructure, green economy, and environmental taxation, as well as river, marine, and forest issues.

Saskia Ozinga, Co-Founder, Campaign Coordinator, and member of FERN; Facilitator of the Forest Movement Europe, UK and Belgium

With an expertise in climate change, export credit agencies, and forest peoples, Ms. Ozinga has worked on FERN's five campaign areas: climate change, development aid, forest peoples' rights, forests and biodiversity, and trade and investment. FERN is a collaborative NGO with a mission to achieve greater environmental and social justice, focusing on forests and forest peoples' rights in the policies and practices of the European Union.

***Shilpa Patel, Principal Advisor at the World Resources Institute in the Climate Finance and the Private Sector Initiative; Senior Advisor to the Climate Business Department at the International Finance Corporation (IFC), USA**

Shilpa Patel is a climate finance expert whose work focuses on understanding how best to mobilize private capital for climate-related investments, thus helping countries move to lower-carbon growth trajectories. She has also worked as a consultant on climate finance for financial institutions and banking sector clients. Previously, she headed the IFC's work on climate change strategy and metrics, supporting the corporation's climate change agenda and commitment to increase its climate-friendly lending. *Learn more about Ms. Patel's work on page 42.*

Carl Pope, Emeritus Director of the Sierra Club, USA

Carl Pope is the former Executive Director of the Sierra Club. He is also an environmental political activist and an advocate for renewable energy investments.

Andrew Raingold, Executive Director of Aldersgate Group, UK

Andrew Raingold is the lead author of Aldersgate Group reports and a regular commentator on sustainability issues. He has also served on a succession of government advisory groups, including those relating to a green economy and sustainable production and consumption.

Kenty Richardson, Director for International Relations & Strategic Development at the Regional Environmental Center for Central and Eastern Europe, Spain

Kenty Richardson serves as a director for the Regional Environmental Center for Central and Eastern Europe (REC), an international organization whose mission is to address environmental issues. His work includes helping to promote the integration of biodiversity and sustainable use concerns in education and rural development at both national and international levels.

Mary Robinson, Chair of the Mary Robinson Foundation—Climate Justice, Ireland

Mary Robinson established the Mary Robinson Foundation—Climate Justice (MRFCJ) as a center for thought leadership, education, and advocacy on the struggle to secure global justice for those typically forgotten people vulnerable to the impact of climate change: the poor, disempowered, and marginalized across the world.

Dr. Joseph Romm, Author, Senior Fellow at the Center for American Progress, USA

Dr. Romm is an author, a blogger, a physicist, and a climate expert who concentrates on methods for reducing greenhouse gas emissions and global warming and increasing energy security through energy efficiency, green energy technologies, and green transportation technologies. He writes and maintains the climate blog “Climate Progress” through the Center for American Progress.

Scott Settelmyer, Managing Director and Co-Founder of TerraCarbon, USA

Scott Settelmyer’s company TerraCarbon LLC is an advisory firm supporting the development of forest- and land-based projects and programs that reduce greenhouse gases. TerraCarbon LLC provides a range of advisory services to the world’s leading conservation organizations, environmentally and socially responsible corporations, and forward-thinking investors.

Achim Steiner, Executive Director of the UN Environment Programme; Under-Secretary-General of the UN, USA and Germany

An expert in environmental politics, Achim Steiner speaks and writes on climate change and a green economy. He also chairs the United Nations Environment Management Group (EMG). Before joining the UN Environment Programme, Mr. Steiner served as Director General of the International Union for Conservation of Nature (IUCN) from 2001 to 2006 and, prior to that, as secretary general of the World Commission on Dams. His professional career has included assignments with governmental, non-governmental, and international organizations in different parts of the world, including India, Pakistan, Germany, Zimbabwe, the United States, Vietnam, South Africa, Switzerland, and Kenya. Mr. Steiner has worked both at the grassroots level and the highest level of international policymaking to address the interface between environmental sustainability, social equity, and economic development.

Lord Nicholas Stern, Chair of the Grantham Research Institute on Climate Change and the Environment; Chair of the Centre for Climate Change and Economics; Head of the Stern Review on the Economics of Climate Change (2006), UK

As head of the Government Economic Service, Lord Stern led the Stern Review on the Economics of Climate Change, published in October 2006. Lord Stern currently serves as the chair of the Grantham Research Institute on Climate Change and the Environment, which brings together international expertise on economics, policy, finance, geography, international development, and political economy. He is also a professor at the London School of Economics.

Pavan Sukhdev, Founder and CEO of Green Indian States Trust (GIST); Yale University Visiting Fellow, USA and India

Pavan Sukhdev is the founder and CEO of GIST Advisory, a specialist consulting firm that helps governments and corporations discover, measure, value, and manage their impacts on natural and human capital. For the United Nations Environment Programme (UNEP), Mr. Sukhdev's report "Towards a Green Economy" synthesized years of research to show, with real numbers, that environmentally sound development is not a bar to growth but rather a new engine for growing wealth and creating employment in the face of persistent poverty. He was also the lead on the groundbreaking "The Economics of Ecosystems and Biodiversity" (TEEB) report that emphasizes the value of accounting for the global economic benefits of biodiversity.

Terry Tamminen, Founder of Seventh Generation Advisors; Former Secretary of the California Environmental Protection Agency, USA

Terry Tamminen established the non-profit organization Seventh Generation Advisors to guide climate-change policy initiatives for state and world governments. As the former Secretary of the California Environmental Protection Agency, Mr. Tamminen played a crucial role in establishing California's groundbreaking environmental policies.

Tessa Tennant, President of the Ice Organisation Ltd.; Trustee of the Carbon Disclosure Project (CDP), UK

Having worked in the environmental business and investment sphere for over 20 years, Ms. Tennant has been instrumental in many related initiatives. She was the co-founder and first chair of CDP, a non-governmental organization that works with policymakers, investors, and businesses using market strategies to try to encourage responsible environmental practices. She now serves as a trustee there. She also co-founded the UK's first equity investment fund for sustainable development as well as the Association for Sustainable and Responsible Investment in Asia and the UK Social Investment Forum. Ms. Tennant has served on a number of UK and UN governmental environmental advisory panels and has been the recipient of multiple personal honors for environmental leadership. She has also worked with the UK Green Investment Bank. Ms. Tennant is currently the president of the Ice Organisation, which helps empower consumers to affect corporate environmental responsibility by offering rewards for buying products from environmentally friendly businesses.

William Andrews Tipper, Head of Sustainable Business at Green Alliance, UK

William Andrews Tipper is the head of sustainable business at Green Alliance, an environmental think tank that develops policies relating to the environment and climate change. At Green Alliance, Mr. Tipper works with the private sector to share ideas and discuss policy issues relating to the environment. Before holding this position, Mr. Tipper advised companies on issues relating to EU policy and legislation for FTI Consulting.

Craig Urch, Senior Product Manager, IHS Emerging Energy Research, USA

Mr. Urch is in charge of strategic management and planning at IHS Emerging Energy Research, a consulting and research firm that works with investment, manufacturing, technology, power, and other companies on renewable-power

services. He works closely with both the research and account-management teams. In his two decades of experience, Mr. Urch has worked for both corporate and non-profit organizations and has spent the last ten years working in the research and consulting sectors for numerous clients, including Boston Wind Works.

Jim Walker, Board Member of The Climate Group, China and UK

Jim Walker has worked for six years as a consultant on public and private sector responses to environmental and social challenges. With Steve Howard, he has advised WWF International on the development of the Clean Development Mechanism Gold Standard and produced the business plan for The Climate Group on behalf of the Rockefeller Brothers Fund. Jim was lead author of the Mining, Minerals and Sustainable Development report “Finding the Way Forward” on industry voluntary initiatives and was a contributor to the WWF–UK report “To Whose Profit?” on the business case for sustainability. He has produced stakeholder-engagement reports for BP Scotland and Nirex and has developed approaches for assessing corporate exposure to climate change-related risk.

Paul Watchman, Visiting Senior Fellow and Co-Head of the Sustainable Finance Project at the London School of Economics, UK

Along with Hank Paulson, the former chairman and CEO of Goldman Sachs and U.S. Treasury Secretary, Paul Watchman was named one of the five most influential world figures in the development of sustainable banking in 2006. He has lectured and published widely and is the author or co-author of many legal textbooks. His latest is *Climate Change: A Guide to Carbon Law and Practice*.

Dr. Jurgen Weiss, Head of the Brattle Group’s Climate/Carbon Practice, USA

Dr. Weiss is an energy economist who heads the Brattle Group’s climate change practice. He specializes in areas such as renewable energy, energy efficiency, energy storage, and carbon pricing. He has served as a consultant for carbon pricing and the demand side of electricity markets.

Michael Woods, Principal Advisor at Irbaris, UK

Michael Woods is an expert on environmental and sustainability issues who focuses, in particular, on various aspects of climate change, renewable energy, biodiversity protection, and sustainable forestry. He serves as legal counsel to the

Iwokrama International Centre, which is responsible for managing the Iwokrama forest reserve in Guyana, South America. Mr. Woods seeks out innovative and sustainable market-based investment approaches to reduced deforestation, climate change regulation, biodiversity protection, and water resources management.

Baroness Bryony Worthington, Shadow Spokesperson for Energy and Climate Change in the House of Lords, environmental campaigner at Sandbag, UK

Baroness Worthington is an experienced climate campaigner who has worked for both the government and the private sector. She established a successful campaign for the environmental group Friends of the Earth and developed the concept of “carbon budgeting” while working for the group. The baroness was also a key member of the team that drafted the UK’s Climate Change Bill. In 2008, she established Sandbag, a non-profit organization devoted to raising awareness about emissions trading.

Kandeh Yumkella, Special Representative and CEO for the United Nation’s Sustainable Energy for All Initiative, Sierra Leone

Mr. Yumkella served two terms as the Director General of UNIDO and is currently acting as the Special Representative and CEO for the UN’s Sustainable Energy for All Initiative. Mr. Yumkella has made access to clean and efficient energy an international priority and has stressed the importance of ending “energy poverty.”

***Dimitri Zenghelis, Principal Research Fellow at the Grantham Research Institute at the London School of Economics and an Associate Fellow at Chatham House, UK**

Dimitri Zenghelis is the former head of the Stern Review team at the Office of Climate Change and was one of the authors of the Stern Review on the Economics of Climate Change. He is currently a Senior Visiting Fellow at the Grantham Research Institute on Climate Change and the Environment. ***Learn more about Mr. Zenghelis’s work on page 46.***