



## **Third Annual Meeting of the San Giorgio Group: Expanding Green, Low-Emissions Finance**

3-4 October 2013

Island of San Giorgio Maggiore, Venice

A joint meeting organized by Climate Policy Initiative

in collaboration with the World Bank Group, CLP

and the Organisation for Economic Co-operation and Development

## **SPEAKER PROFILES**



**Obaid AMRANE**

Board Member, Moroccan Agency for Solar Energy (MASEN)

Mr. Obaid Amrane is a Board Member of the Moroccan Agency for Solar Energy (MASEN). Prior to joining MASEN in 2010, he worked for BPCE Group in Paris and was CEO of Morocco Property. He has held various public sector finance positions in the Moroccan government, among them Head of Division for Credit and Debt Restructuring of the Department of Treasury and External Finance, and Inspector of Finance and Chief Controller Public Finance at the Inspection Générale des Finances. Mr. Amrane holds a graduate diploma in Engineering from the *Institut Agronomique et Vétérinaire* in Rabat, and is a Chartered Financial Analyst (CFA Institute).



**Tomas ANKER CHRISTIANSEN**

Ambassador, Senior Advisor for Partnerships at United Nations

Ambassador Tomas Anker Christensen is the Senior Adviser for Partnerships to the Assistant-Secretary-General of the Strategic Planning Unit of the Secretary-General at the United Nations Secretariat. He assists and advises the ASG in designing a new United Nations partnerships facility and promoting partnerships as a means of implementing United Nations goals and mandates. Mr. Christensen has over 20 years of diplomatic experience, including building a successful multi-stakeholder partnership focused on removing barriers to speed and scale the transition to a global green economy. From 2010 to 2012, Ambassador Christensen was the Under Secretary for Global Challenges at the Ministry of Foreign Affairs (MFA) of Denmark, where he was responsible for building the Global Green Growth Forum with the Governments of Denmark, South Korea, Mexico, a number of global corporations, and international organizations. He served as Ambassador of Denmark to Iran and Director for the Middle East and North Africa at the MFA. He was Economic Counsellor and then Political Counsellor at the Danish Permanent Mission to the United Nations in New York from 2000 to 2004, and has also served in Egypt, India, Luxembourg, and Algeria. Mr. Christensen is a political science graduate (1992) from the University of Aarhus Denmark, and has also studied at the universities of Essex, Bologna, and Lawrence (Wisconsin, USA).



**Matthew ARNOLD**

Managing Director, Head of the Office of Environmental Affairs, JP Morgan Chase & Co.

Matthew Arnold is the Head of the Office of Environmental Affairs at JPMorgan Chase & Co., managing the firm's efforts to be a leader among financial services companies in protecting the environment while enhancing business success. The team develops environmental policy and guidance for the business, helps clients identify and mitigate environmental risks, develops environmental business opportunities, and works to improve the sustainability of the firm's operations. Prior to joining JPMorgan Chase & Co., Mr. Arnold was a Principal and leader of Sustainable Business Solutions at PwC, where he helped clients achieve business success from their sustainability strategies and investments. He was a co-founder of Sustainable Finance Ltd., which helped financial services companies to develop sustainability strategies, manage environmental and social risks, and identify environmentally-beneficial investment opportunities. His clients included commercial and investment banks, development banks, insurers, real estate companies and industrial products companies. Sustainable Finance was acquired by PwC in December 2008. Mr. Arnold has also served as Chief Operating Officer of the

World Resources Institute, a sustainable development think tank, and held positions in marketing with IBM, investment banking with Merrill Lynch, and business development with Santa Fe Trading, Hong Kong. He founded the Management Institute for Environment and Business. Mr. Arnold holds an AB degree in Psychobiology from Harvard College, an MA in International Relations from the Johns Hopkins University, and an MBA from the Harvard Business School.



**Antonio BARBALHO**

Global Head, Energy & Extractive Industries, Multilateral Investment Guarantee Agency, The World Bank Group

Antonio Barbalho is Sector Manager for the energy and extractive industries sectors at the Multilateral Investment Guarantee Agency, the political risk insurance arm of the World Bank Group. He has extensive experience in the energy, utilities, and financial sectors and previously held several senior positions at Deutsche Bank (UK) and CERA. At Deutsche Bank, he was a member of the Energy Advisory Group, the Corporate Finance Team, and a founding member of Energy Commodities Trading Desk Division. Mr. Barbalho has advised major national and international oil, gas, and energy companies on project development, project finance, initial public offerings, mergers and acquisitions, risk management, and trading. Prior to joining Deutsche Bank, he was a director at Eletrobras Group (Brazil) with responsibilities in energy planning and energy savings programs. Mr. Barbalho holds a bachelor's degree in electrical engineering from Federal University in Brazil and a master's degree from Strathclyde University in the United Kingdom. He has authored and presented several papers in specialized journals and conferences.



**Murray BIRT**

Assistant Vice President, Deutsche Bank

Murray Birt supports Deutsche Bank Vice Chairman Caio Koch-Weser and helps implement the bank's climate change business strategy. Prior to joining Deutsche Bank, he worked for four years on a variety of UK and EU energy and climate policies with the Confederation of British Industry, and he has helped deliver climate change programs in Alberta. Mr. Birt has an economics degree from the University of Calgary and a master's degree in Environmental Change and Management from the University of Oxford.



**Patricia BLISS-GUEST**

Program Manager, Climate Investment Funds

Patricia Bliss-Guest is the Program Manager for the Climate Investment Funds (CIF). The CIF comprises the Clean Technology Fund and the Strategic Climate Fund, both providing scale-up financing to developing countries to support climate resilient and low emissions development. The funds are channeled through five Multilateral Development Banks (MDBs). As Program Manager, Ms. Bliss-Guest manages the governing bodies of the CIF, the CIF Administrative Unit, and the partnership relations among the MDB partners. Ms. Bliss-Guest has also served previously as Deputy Chief Executive Officer of the Global Environment Facility and held other senior positions in environment management. She holds an MSc in International Relations from London School of Economics, and a Juris Doctor degree from Harvard Law School.



**Rodney BOYD**  
Analyst, Climate Policy Initiative

Rodney Boyd is an analyst at Climate Policy Initiative. His work focuses on climate finance, especially finance tracking, effectiveness analysis, renewable energy, and European investment. Mr. Boyd has been involved in the energy and climate change sector since 2006, working mainly on renewable energy and carbon economics, and market-based mechanisms to reduce emissions and support international development. Prior to joining CPI, he worked as an Energy and Carbon Analyst with National Grid, one of the world's largest utilities, and as Senior Research Analyst with IDEACarbon, an independent group specializing in providing financial intelligence and advice on carbon markets and climate policy. In addition, he has provided policy analyses and commentary on a wide range of topics and volunteered with Climatico Analysis as the CDM/JI International Analyst. Mr. Boyd holds an MSc in Sustainable Energy Systems and a BSc in Mathematics from the University of Edinburgh.



**Andrew BRANDLER**  
Chief Executive Officer, CLP Holdings Limited

Andrew Brandler is the Chief Executive Officer of CLP Holdings, the parent company of the CLP Group (formerly China Light and Power Company, Limited), a position he assumed in May 2000. Mr. Brandler has had an extensive career as a banker in the energy and utility sector in North America, Europe and, since 1995, in Asia. His experience covers power sector deregulation in the United States during the 1980s, and the UK electricity industry privatization and deregulation in the early 1990s. Immediately prior to joining CLP, Mr. Brandler was Head of Asia-Pacific Corporate Finance at Schroders, the UK investment bank, based in Hong Kong. Mr. Brandler holds an MA degree from Cambridge University, MBA degree from Harvard Business School. He is a Member of the Institute of Chartered Accountants in England and Wales, a Council Member of The Hong Kong Management Association, and a member of the Operations Review Committee of the Independent Commission Against Corruption, as well as of the Aviation Development Advisory Committee and the Greater Pearl River Delta Business Council of the Government of the Hong Kong SAR. Mr. Brandler is also one of the Co-Chairs of the Energy and Climate Focus Area Core Team of the Geneva-based World Business Council for Sustainable Development. From May 2008 to May 2010, he was the Chairman of The Hong Kong General Chamber of Commerce.



**Barbara BUCHNER**  
Senior Director, Climate Policy Initiative

Barbara Buchner is the Senior Director of CPI Europe. Her work focuses on international climate finance to address the question of whether it is adequate and productive. A core topic of interest is the effectiveness of implemented climate and energy policies, with a major focus on the EU ETS. An Austrian citizen, Ms. Buchner holds a PhD in Economics from the University of Graz and a master's degree in Economics within the Economics/Environmental Sciences Joint Program at the University of Graz and University of Technology of Graz. She joined the IEA in January 2007 as a Senior Energy and Environment Analyst to work on climate and energy policy issues in the Energy Efficiency and Environment Division. Prior to that, she worked as a Senior Researcher at the Fondazione Eni Enrico

Mattei (FEEM), where she was involved in a number of activities related to FEEM's Climate Change Policy and Modelling Unit in the field of environmental economics. She has been a Visiting Scholar at the Massachusetts Institute of Technology (MIT) within its Joint Program on the Science and Policy of Global Change & Centre for Energy and Environmental Policy Research (CEEPR). Dr. Buchner serves on the Advisory Board of the Barilla Center for Food & Nutrition (BCFN). Until 2011, she was the Vice President of the European Association of Environmental and Resource Economists and served on the Mitigation Board of the Global Network for Climate Solutions (GNCS), which is hosted at the Earth Institute, Columbia University, coordinated by the Columbia Climate Center.



**Ben CALDECOTT**

Head of Government Advisory, Bloomberg New Energy Finance

Ben Caldecott is Head of Government Advisory at Bloomberg New Energy Finance, where he provides thought leadership on climate change, clean energy and sustainability to governments, international institutions, NGOs, and universities. He has been recognized as a leader in his field by the US Department of State and Who's Who, and as "a leading thinker of the green movement" by *The Independent*. Mr. Caldecott has authored and edited a wide range of publications and is a regular media commentator and public speaker. Prior to joining BNEF in 2013 he was Head of Policy at investment bank Climate Change Capital. He has also served as Deputy Director, Strategy at the UK's Department of Energy and Climate Change, Sherpa to the Green Investment Bank Commission, and Research Director, Environment and Energy at the think tank Policy Exchange. Mr. Caldecott read economics and specialized in development and China at London, Peking, and Cambridge universities. He has been a Visiting Fellow at the University of Oxford and is currently a Programme Director and Research Fellow at the University of Oxford's Smith School of Enterprise and the Environment.



**Jan CORFEE-MORLOT**

Senior Policy Analyst/Team Leader for Environment, Climate Change and Development, OECD Development Co-operation Directorate

Jan Corfee-Morlot is a Team Leader at the Organisation for Economic Co-operation and Development (OECD) in Paris. Having joined the organisation in 1991, she has dedicated most of her career to understanding and promoting climate policy solutions, working internationally and directly with policymakers, business, and civil society organisations. She leads the environment and development team in the OECD, overseeing work on green growth, climate change and development policy under the OECD's Development Assistance Committee. Dr. Corfee-Morlot is a member of the Nobel prize-winning Intergovernmental Panel on Climate Change, currently a lead author of "urban adaptation" chapter of fifth assessment report. Prior to joining the OECD, she held positions with the International Energy Agency (Paris), Pacific Gas and Electric Company (California), and with state and local governments and regulatory agencies in the US (in Massachusetts and New Mexico). Dr. Corfee-Morlot earned a PhD in Geography from University College London and also holds degrees from the University of California, Berkeley and the Massachusetts Institute of Technology. She holds both French and US citizenship.



**Sandro DE POLI**

President and CEO, General Electric, Italy and Israel

Sandro De Poli is President & CEO of GE Italy & Israel. In this role he is responsible for all businesses of the Group, working in the energy, oil and gas, healthcare, transportation and finance sectors. He began his career with Siemens in the electro-medical domain, joining GE Medical Systems in 1982. He became leader of the Italian branch in 1993, after fulfilling several European managerial roles in London and Paris. From 2000 to 2003, Mr. De Poli led the sales activities of services in Europe, and in 2004 he was named General Manager for the global integration of GE Medical Systems and Amersham, from which GE Healthcare is founded. Until November 2011, he was Vice President Commercial Operations, GE Healthcare Europe. Prior to this position, from 2005 to 2010, he served as President of GE Healthcare in Italy. Mr. De Poli is a Board Member of Nuovo Pignone Holding and Chairman of the Working Group “Taxes”, part of Confindustria’s technical committee for Foreign Investments in Italy.



**Gianleo FRISARI**

Analyst, Climate Policy Initiative

Gianleo Frisari works as an analyst at CPI Venice and is currently enrolled in a PhD program on the “Science and Management of Climate Change” at Ca’ Foscari University of Venice, where his research focuses on private capital inclusion in climate finance. Before joining CPI, he was a portfolio manager of investment programs dedicated to hedge funds and alternative assets at Key Asset Management, a London-based investment arm of the SEB Banking Group, and a financial analyst at Rasini & Co, investing in a large number of markets, including natural resources and commodities. Mr. Frisari graduated in Economics from Bocconi University in Milan and holds the Chartered Alternative Investment Analyst (CAIA) qualification.



**Ugo GOVIGLI**

Vice President, Energy Solutions NEC EMEA / President, NEC ITALIA

Ugo Govigli is Vice President, Smart Energy Solutions at NEC Europe Ltd and President of NEC Italia SpA. He joined NEC in 2007 as General Manager Systems and Infrastructure, NEC Italy. Prior to joining NEC, Mr. Govigli was CEO at BenQ Mobile Italy, and spent several years at Siemens, where he held positions as Vice President, Information and Communications Network at Siemens AG, and as Managing Director Consumer Business, Siemens Italy. Since joining NEC Italia in 2007, he has directed the business into the energy market with the objective of establishing Italy as a European center of excellence for Smart Grid and energy storage technologies. Mr. Govigli holds a master’s degree in Information and Communication Technology from CEFRIEL / Politecnico di Milano, as well as an MSc in Electronic Engineering from Politecnico di Milano. For over 15 years, he has been dedicated to developing multinational enterprise in the high-tech sector.



**Jochen HARNISCH**

Head of Division Competence Center Environment & Climate/Coordinator Climate Change Policy, KfW Development Bank

Jochen Harnisch is Head of Division of the Competence Center Environment and Climate at KfW, the development bank of Germany, where he coordinates strategy and product development for climate protection and adaptation to climate change in developing and industrializing countries. He also serves as the bank's focal point for climate issues relating to science, civil society and policy makers. Since 1999, Dr. Harnisch has been actively working with the Intergovernmental Panel on Climate Change (IPCC). In 2010, he was appointed "Coordinating Lead Author" of the "Investment and Finance Issues" chapter of its Working Group III on Mitigation. He and his team of authors are addressing questions regarding international financial needs and financing instruments to scale up the deployment of green technologies. Dr. Harnisch studied physics at the Universities of Tübingen and Göttingen and received a doctorate in atmospheric physics for his work at the Max-Planck Institute for Aeronomy (now MPI for Solar System Research). After a one-year postdoctoral fellowship at the Joint Program on the Science and Policy of Global Change at MIT in 1999, he joined Ecofys Germany as a consultant, leading the Energy and Climate Strategy Department. In this function he advised the EU Commission on the design of its policies on fluorinated greenhouse gases and on setting up the infrastructure for the European Emission Trading System. He also worked with multinational companies like Bayer, Lafarge and Novo Nordisk in the development of their climate strategies. Dr. Harnisch teaches Energy & Climate Policy at the University of Applied Sciences in Deggendorf. He received the Otto-Hahn-Medal of the German Max-Planck-Society in 2006 and the Zeldovich-Medal of the Russian Academy of Science in 2007 for his contributions to atmospheric science.



**Thomas C. HELLER**

Executive Director, Climate Policy Initiative

Thomas C. Heller has served as CPI's Executive Director since CPI's start in September 2009. Before founding CPI, he was a professor at Stanford University for thirty years, serving as the Shelton Professor of International Legal Studies, Senior Fellow at the Stanford Freeman Spogli Institute for International Studies, and Senior Fellow at the Woods Institute for the Environment. An expert in law, economic development, and the performance of legal institutions, Professor Heller has focused his research on the rule of law, international climate control, global energy use, and the interaction of government and nongovernmental organizations in establishing legal structures in the developing world. Since 1991, he has been increasingly engaged in research and applied policy studies in energy and climate, with a particular focus on developments in China, India, Mexico, Brazil, and other leading emerging markets. He was a contributing lead author for the IPCC on the Third and Fourth Assessment Reports, as well as a contributor to the Special Reports on Technology Transfer and Emissions Scenarios. In 2008, he became a core team member directing Project Catalyst - an analysis-based project in support of the Copenhagen Climate process. Since March 2010, he also acted as the Vice-Chair of the Governing Board of the Global Green Growth Institute, with headquarters in Seoul, Korea. Professor Heller has a B.A. from Princeton University and an L.L.B. from Yale Law School.



**Penny HERBST**

ESIP Project Coordinator, Eskom

Penny Herbst has over 30 years of experience in utilities, most of this in the Treasury department of Eskom, South Africa's state owned utility company. Her responsibilities have included managing Eskom's foreign and interest rate risk, money and capital market investments, project finance transactions, funding, export credit finance, and the structuring of projects to mitigate risks associated with projects in Africa. As Development Financing Manager, she was instrumental in raising in excess of \$6bn in collaboration with Development Finance Institutions (DFIs) and related institutions. Ms. Herbst initiated and negotiated World Bank and African Development Bank loans for Eskom's infrastructure program, which are being used in part to fund renewable projects such as the Sere wind farm and the Upington Concentrating Solar Plant. Funding for these projects also comes from the Clean Technology Fund and *Agence Francaise de Developpement*. In 2012, she transferred to Eskom's newly established Renewables Unit as a Corporate Specialist with a view to gaining an understanding of the development life cycle of renewable projects and how financing structures and related interested parties impact on the development and implementation phases of these projects.



**Morgan HERVÉ-MIGNUCCI**

Managing Analyst, Climate Policy Initiative

Morgan Hervé-Mignucci is a Managing Analyst with Climate Policy Initiative in Venice. Prior to joining CPI, Morgan worked for JPMorgan, EDF, and Caisse des Depots/CDC Climat. Along the way, he earned certification as a Chartered Financial Analyst (CFA). A graduate of the French Business School Grande Ecole (ESC Rouen), Dr. Hervé-Mignucci also holds a Master's degree in Industrial Economics/Energy Economics and a Ph.D. in Economics from the Université Paris-Dauphine. His previous research activities focused on the impacts of carbon pricing on utilities investment decisions, carbon asset prices econometrics, climate change adaptation impacts in the power sector, and city-level climate change mitigation and adaptation strategies.



**Abyd KARMALI**

Managing Director and Global Head of Carbon Markets, Bank of America Merrill Lynch

Abyd Karmali is Managing Director and Global Head of Carbon Markets at Bank of America Merrill Lynch. He is the company's point person for carbon business opportunities and serves on Bank of America's Environment Council which steers the bank's USD 50 billion environmental business initiative. Mr Karmali has worked for more than 20 years on climate change, carbon markets, and climate finance. In June 2013, Mr. Karmali was selected to serve as an inaugural private sector representative to the Board of the new UN Green Climate Fund, whose mandate is to scale up low-carbon finance to emerging markets. He is also Special Advisor to the Climate Markets and Investment Association (CMIA) after serving as its elected President from 2008-2013. Additional roles include member of UNEP's Climate Change Advisory Group, Council of the International Emissions Trading Association (IETA), Steering Committee of the UK Government's Capital Markets Climate Initiative, and International Advisory Board of CleanStar Mozambique. Over the past six years, his teams have won several awards from the Financial Times, Environmental Finance, and The Banker for a variety of innovative climate finance



transactions. His voluntary sector activity includes chairing Just Energy, an Oxfam seeded social enterprise focused on energy access, and advising Conservation Strategy Fund, which is focused on enhancing natural capital such as biodiversity and ecosystem services. Mr. Karmali was previously employed with management consultants ICF International and the United Nations Environment Programme. He holds an MS in Technology and Policy from Massachusetts Institute of Technology.



**Karin KEMPER**

Director, Climate Policy and Finance Department, The World Bank

Karin Kemper is the Director for Climate Policy and Finance at the World Bank, where she is responsible for providing direction for her department's work on climate policy analysis and design, as well as climate finance including the Climate Investment Funds, carbon finance, the Partnership for Market Readiness, and coordination with the Global Environment Facility and the Montreal Protocol. Until recently, she was the Manager for Environment and Water Resources in the World Bank's Latin America Region and prior to this she was the Manager for Social Development, Water Resources and Environment in the South Asia Region. Dr. Kemper has over 20 years of experience working on development at the interface of water resources and environmental management. In recent years, her work has increasingly focused on the linkages with climate change and green, low-carbon growth. An Institutional Economist, she has published extensively about water resources management, water allocation in scarcity conditions, and has led a variety of studies on natural resources and environmental management worldwide. She holds a Ph.D. in Water and Environmental Studies and a B.Sc. in International Business Administration and Economics from Linköping University in Sweden.



**Sean KIDNEY**

Chief Executive Officer, Climate Bonds Initiative

Sean Kidney's background is in stakeholder communications, social change strategy and issues marketing. He is also a director of the Network for Sustainable Financial Markets, an international, non-partisan network of finance sector professionals, academics and others who see the need for fundamental changes to improve financial market integrity, stability and efficiency. Mr. Kidney is a member of the Commonwealth Expert Group on Climate Finance, a member of Finance Advisory Board of the European Wind Energy Association, and a member of Mercer's Sustainability Opportunities Fund Advisory Panel. He was previously a marketing advisor to a number of the largest Australian pension funds, and owner of social marketing, web site development and current affairs publishing firms.



**Christopher KNOWLES**

Head of Climate Change and Environment Division, European Investment Bank

Christopher Knowles joined the European Investment Bank in 1982 and has held a number of positions inside and outside Europe. He is currently Head of Climate Change and Environment in the Bank's European Operations Directorate. In this capacity he has a pan-European responsibility for a diverse portfolio of activities, including climate funds, clean energy, carbon finance, CCS and structured lending in the energy and environmental sectors. Prior to joining EIB, he worked for the Lesotho National Development Corporation, the European Commission and Lazard Brothers. He has degrees in Economics and Management from the University of Durham.



**Silvia KREIBIEHL**

Head of Centre, Frankfurt School UNEP Collaborating Centre for Climate & Sustainable Energy Finance

Silvia Kreibiehl is Head of the Frankfurt School - UNEP Collaborating Centre for Climate & Sustainable Energy Finance (the Centre) at Frankfurt School of Finance & Management, an integrated think-and-do tank committed to facilitating the necessary structural change of energy supply and use around the globe by helping to catalyse private sector capital flow towards investments in sustainable energy and climate change mitigation and adaptation. In her role as Head of the Centre, Ms. Kreibiehl has overall responsibility for all international Frankfurt School consultancy projects in the area of climate and sustainable energy finance. She is in charge of project acquisition and management, in particular quality management, and is directly involved in selected projects. She also leads applied research efforts, particularly with regard to the role of local investors in climate finance. Ms. Kreibiehl is also a co-author of the Fifth Assessment Report (AR5) currently being prepared by the Intergovernmental Panel on Climate Change (IPCC). Before joining the Centre, Silvia worked for Deutsche Bank for 17 years, of which 10 years were in corporate finance (Equity Capital Markets and Mergers & Acquisitions) and the RE sector in particular. She also worked four years on double bottom line investment opportunities and respective transaction structures in developing countries. She was the lead analyst at Deutsche Bank for the GET FiT concept and responsible for DB's shareholding in the Desertec Industrial Initiative.



**Elizabeth LITTLEFIELD**

President and CEO, Overseas Private Investment Cooperation (OPIC)

Elizabeth L. Littlefield has been the Chief Executive Officer and President of Overseas Private Investment Corporation since 2010. From 2000 until 2010, she was Chief Executive Officer of CGAP (Consultative Group to Assist the Poor), a policy and research center dedicated to advancing poor people's access to financial services. Housed at the World Bank, CGAP develops innovative solutions, promotes industry standards, provides market intelligence and data, and advises governments, financial institutions and investors. During that time she also served as a Director for the World Bank's Financial & Private Sector division. Prior to joining CGAP, Ms. Littlefield was JP Morgan's Managing Director in charge of capital markets and financing in emerging Europe, Middle East and Africa. Her responsibilities encompassed public and private financings for governments, corporations and banks, and related advisory work. In that role, she led the inaugural bond issues for the majority of the countries that tapped the markets for the first time in the 1990s. Ms. Littlefield has served on the Boards and Executive Committees of the MasterCard Foundation, Calvert Foundation and Women's World Banking, among others. She was a founder of the Emerging Markets Charity in the UK. She currently serves on the President's Export Cabinet, is the Chairperson of the World Economic Forum's Global Agenda Council on Social Innovation and a member of the Council on Foreign Relations. Ms. Littlefield also spent 1989 - 1990 in West and Central Africa providing banking consultancy to several start-up microfinance institutions. Ms Littlefield taught Financial Sector Development as an Adjunct Professor in the Masters Program at the School of Advanced International Studies (S.A.I.S.). She is a graduate of Brown University and also attended Ecole Nationale de Sciences Politiques in Paris.



**Donald MACDONALD**

Chairman, Institutional Investors Group on Climate Change (IIGCC)

Donald MacDonald is Chairman of The Institutional Investors Group on Climate Change (IIGCC), the leading European investors' forum for collaboration on climate change. The IIGCC seeks to engage with policymakers, companies and investors on addressing long-term risks and opportunities associated with climate change. In 1998, Mr. MacDonald was also appointed Trustee Director of the BT Pensions Scheme, which is the UK's largest corporate collaborative pension fund with around 330,000 members. He is a past Chairman of the United Nations Principles for Responsible Investment. Mr. MacDonald is passionate about strengthening dialogue with policy makers in order to create the right frameworks for low-carbon investment.



**Lars MOLTE JAKOBSEN**

Deputy Director, Eksport Kredit Fonden (EKF) Denmark

Lars Molte Jakobsen is part of EKF's Guarantee Department, where he works with Renewable Energy and Project Finance. He has export finance experience from the wind-, cement-, infrastructure, agricultural- and energy sectors. In addition, Mr. Jakobsen has worked with various funding solutions, some of which EKF has implemented in recent years. Prior to working at EKF, he was a Director at KPMG Corporate Finance, and before that he worked with Corporate and Project Finance at Nordea in Copenhagen. Mr. Jakobsen holds an M.Sc.E. from the Technical University of Denmark and an MBA from Columbia University.



**Helen MOUNTFORD**

Deputy Director of the Environment Directorate, Organisation for Economic Co-operation and Development (OECD)

Helen Mountford has worked in the Environment Directorate of the OECD since 1997, and as Head of the Division on Climate Change, Biodiversity and Development since 2006. Her work at OECD has included a leading role in the preparation of the 2001 and 2008 OECD Environmental Outlook reports, as well as analysis of policies in the areas of water pricing, biodiversity incentive measures, market-based instruments, and reform of environmentally harmful subsidies. Prior to joining the OECD, Helen managed a local recycling company in the UK and worked for an environmental NGO in Australia.



**Don PURKA**

Principal Investment Specialist, Asian Development Bank (ADB)

Don Purka is a principal investment specialist in the climate change program coordination unit at the Asian Development Bank (ADB) based in Manila, the Philippines. He has been with ADB for over 10 years working exclusively in the infrastructure

sectors. His recent responsibilities include renewable energy projects in India (including solar, small hydro and wind) and several Central Asian countries. He was in charge of implementing a \$150 million credit guarantee facility and technical assistance program for commercial banks lending to utility-scale solar power projects in India. He has 15 years' experience in emerging market project finance, specializing in the structuring and financing of private sector infrastructure projects, investment credit risk analysis, syndicating B-loans to international commercial banks and advisory work on sector reform and the investment climate for private power development. Most of his experience has been concentrated in South and Southeast Asia, namely India, Indonesia, Vietnam, Laos and Cambodia. Prior to his ADB career, Mr. Purka worked for two D.C.-based consulting firms, Nexant, Inc. and K&M Engineering and Consulting Corporation. Mr. Purka holds a M.A. in International Affairs (finance, development economics) from the George Washington University and a B.A. from the College of William and Mary.



**Nick ROBINS**

Head, HSBC Climate Change Centre of Excellence

Nick Robins is Head of the Climate Change Centre of Excellence at HSBC in London. The goal of the Centre is to analyse the strategic implications of climate change for investors and the Group as a whole. In the 2010, 2011 and 2012 Thomson Exel awards for Pan-European investment research, HSBC was rated the #1 firm for integrated climate change, and in 2011 and 2012, Mr. Robins was ranked #1 analyst for climate change. Beyond HSBC, he co-chairs the UNEP Finance Initiative's Climate Change Working Group, and is a member of BT's CSR Leadership Panel as well as GE's Corporate Citizenship Panel.



**Michael SCHNEIDER**

Director, Head of Environmental & Social Capital, Deutsche Bank

Michael Schneider joined Deutsche Bank in 1994 as an apprentice and completed a four-year executive training program from 1996-2000, taking on responsibilities in a variety of departments including Public Sector and Corporate Clients, Retail and Business Banking, Private Wealth Management, and Credit Risk Management. From 2000 to 2005, he served as Associate and then as Vice President of Deutsche Bank in New York, working on asset financing solutions for Deutsche Bank's largest corporate clients. In 2007, Mr. Schneider structured the world's first rated securitization of subordinated loans to microfinance institutions. In 2009, he established a team dedicated to structuring and managing innovative and transparent impact investment products in order to create a socially and ecologically responsible impact. Mr. Schneider's Environmental & Social Capital group now manages three public private partnership funds focused on sustainable energy in emerging economies, energy efficiency in the EU and food security in Africa. Mr. Schneider holds a degree in banking from Bankakademie Leipzig / Frankfurt School of Finance and Management.



**Kruskaia SIERRA-ESCALANTE**

Acting Head, Blended Finance for Climate, Climate Business Department, International Finance Corporation (IFC), The World Bank Group

Kruskaia Sierra-Escalante has been working in the legal department of International Finance Corporation since 2003 (currently as Senior Counsel and previously on secondment from Chadbourne & Parke, LLP). Ms. Sierra-Escalante's practice at IFC focuses on carbon finance. She has closed transactions under the Kyoto Protocol's Clean Development Mechanism

and Joint Implementation in various countries, including Brazil, China, India and Russia, and numerous sectors, including renewables and waste management. She has also taken the lead on the legal aspects of the development and implementation of structured carbon finance / derivative products being offered by IFC to the carbon market and of the mainstreaming of carbon finance within IFC. Ms. Sierra-Escalante holds a J.D. from New York University School of Law (1998) and a Master's degree in Public Affairs, with a concentration of Economics and Public Policy, from Princeton University's Woodrow Wilson School (1998).



**Martin STADELMANN**

Senior Analyst, Climate Policy Initiative

Martin Stadelmann is a Senior Analyst at CPI Europe. His work at CPI focuses on climate finance effectiveness and the private sector. Martin previously managed a portfolio of carbon offset projects in developing countries for the Myclimate foundation, worked for the Global Environment Facility, and consulted several governments on international climate policy. He attended UN climate negotiations both as a representative to an NGO and government. Dr. Stadelmann holds a Master of Science in Geography from the University of Berne, and a Ph.D. in Political Science from the University of Zurich. He is a contributing author to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC).



**Josué TANAKA**

Managing Director, Operational Strategy and Planning, Energy Efficiency and Climate Change, European Bank for Reconstruction and Development (EBRD)

Josué Tanaka is the Managing Director responsible for the operational strategy and planning function of the European Bank for Reconstruction and Development (EBRD) and for leading the Bank's Energy Efficiency and Climate Change activities. A national of France and Brazil, Dr. Tanaka joined EBRD at its creation in 1991 to start its municipal and environmental infrastructure financing activity. In 1993 he was appointed Country Director responsible over time for the Bank's activities in Romania, Croatia, Moldova, Bosnia and Herzegovina and Ukraine. From 1998 to 2007, he became Corporate Director responsible for strategy, planning and budgeting including coordination of the strategic planning function, formulation and monitoring of the annual business plan and budget, and for operational and strategic portfolio management analysis. In 2006 he was appointed Corporate Director, Energy Efficiency and Climate Change, leading the EBRD climate change mitigation and adaptation financing activity including the formulation and implementation of the Sustainable Energy Initiative (SEI). Prior to joining the Bank, Dr. Tanaka worked at the World Bank where he was Special Assistant to the President. He worked in various positions on strategic planning, agricultural projects and forest conservation in Madagascar and on the development of the Environmental Programme for the Mediterranean. Dr. Tanaka graduated from Princeton University with a Bachelor of Science in Engineering and holds a Master of Science and PhD from the Massachusetts Institute of Technology (MIT).



**Antonio TOVAR**

Head of Department of Renewable Energy, Brazilian Development Bank (BNDES)

Antonio Tovar is an electrical engineer with expertise in the Economics and Administration of Industrial Engineering, having graduated from the Federal University of Rio de Janeiro (UFRJ). He has an MBA in Finance from Brazilian Institute of Capital Markets (IBMEC), a Masters in Industrial Engineering from Pontifical Catholic University of Rio de Janeiro (PUC-RJ) and

qualification in Management. Mr. Tovar is currently the head of the Renewable Energy department at BNDES. At BNDES, he has also been involved in a variety of financial activities in the infrastructure, transport and logistics sectors, including shipping, ports, terminals, railways and roads. Before joining BNDES in 2001, he was a trainee at Banco Bozano Simonsen and a Senior Analyst at HSBC Bank Brasil.



**Chiara TRABACCHI**

Analyst, Climate Policy Initiative

Chiara Trabacchi works as an analyst at CPI Venice and is currently enrolled in a PhD program on the “Science and Management of Climate Change” at Ca’ Foscari University, where her research will focus on adaptation finance. Before joining CPI, Ms. Trabacchi worked for three years as business strategy consultant at the The European House-Ambrosetti, where she was mainly involved in Corporate Social Responsibility projects, and in the assessment of European policies and countries’ competitiveness strategies. Prior to that, she worked for international companies and institutions – both in Italy and abroad – including KPMG and Datamonitor. Ms. Trabacchi holds a Master’s Degree in Business Administration from the Catholic University of Milan.



**Eric USHER**

Acting Head, Energy Finance Unit, United Nations Environment Programme (UNEP)

Within UNEP’s Paris-based Division of Technology, Industry and Economics, Eric Usher is responsible for renewable energy and sustainable energy finance program activities. This work focuses on new approaches to delivering cleaner energy services in regions without access and new means for financing cleaner energy infrastructure. Through various programs, UNEP has implemented a variety of market support instruments, including seed financing and enterprise development, financing subsidies, risk guarantee facilities and financier advisory support services. At the global level, UNEP’s Sustainable Energy Finance Initiative provides a broad platform for engaging the finance sector in the shift towards cleaner energy infrastructure. Overall, these different mechanisms and partnerships are aimed at helping financiers share risks, buy down transaction costs, build capacity and address various other barriers that make building sustainable energy investment portfolios a challenge. Mr. Usher regularly publishes articles and papers in selected industry journals and represents UNEP at international conferences and fora. Before joining UNEP, he held the position of General Manager of Noor Holding, a solar rural electrification company in Morocco and, prior to that, Programme Manager of energy technology commercialization projects at the Energy Diversification Research Laboratory in Varennes, Quebec. Mr. Usher holds an MBA from INSEAD in Fontainebleau, France, and a BSc in Electrical Engineering from Queen’s University in Kingston, Canada.

**Marjolein VAN NOORT**

Manager, Public Affairs, IHC Merwede

After studying International Business and Languages (‘s-Hertogenbosch) and International Financial Economics (University of Amsterdam), Marjolein van Noort joined the Dutch Ministry of Finance as a policy advisor in December 2004. She represented the Dutch State as a shareholder of state-owned companies such as Schiphol and the Port of Rotterdam. Amongst other projects, she studied several investment proposals and was actively involved in the privatization of the bus

company Connexion. After four years it was time for a new challenge and she changed jobs within the Ministry, moving into the field of export credit insurance. Corporate social responsibility and introduction of new insurance products were among the areas she was responsible for. Motivated by her collaboration with various companies during those years to understand more about the private sector and the cooperation between government institutions and companies, Ms. Van Noort joined IHC Merwede in September 2012 as Manager Public Affairs. Aligning different interests is one of her key tasks, and her core subjects are export finance and corporate social responsibility. Amsterdam is her hometown and when not working she loves to travel, to photograph and write and go out with friends.



**Walter VERGARA**

Chief, Climate Change and Sustainability Division, Inter-American Development Bank (IDB)

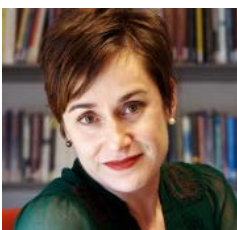
Walter Vergara is Division chief for Climate Change and Sustainability at the Inter-American Development Bank, is a chemical engineer and graduate of Cornell University in Ithaca, New York, and the Universidad Nacional de Colombia in Bogota. He works in several aspects of the climate change program and is focused on the implementation of the Climate Change Action Plan of the IDB. He has been involved in the development and management of an extensive portfolio of climate change adaptation, mitigation and knowledge activities. Mr. Vergara is author of 13 books and numerous articles on these subjects. Prior to joining the IADB, Mr. Vergara was the leader of the Global Expert Team on Climate Change at the World Bank.



**Vikram WIDGE**

Head, Climate Finance & Policy, Climate Business Department, IFC

Vikram Widge heads the Climate Finance & Policy unit within the Climate Business Group at the International Finance Corporation (IFC), the private sector affiliate of the World Bank. The unit supports development and deployment of innovative market-based solutions to help mobilize private capital for low-carbon investments in emerging markets. Prior to this, he built IFC's carbon finance business, which he continues to manage. The unit also leads IFC's engagement externally and provides leadership internally on climate policy, climate risk and adaptation, and greenhouse gas accounting and related metrics. Mr. Widge has over two decades of experience in developing and financing projects that deploy clean technologies in emerging markets, including renewables, waste-to-energy, fuel cells and electric vehicles. He also structured and managed an off-grid solar PV fund for six years. Mr. Widge has a bachelor's in engineering from IIT Delhi and a master's in resource economics from the University of Maryland, where he was a Graduate Fellow. After working in the private sector for ten years, he has been with IFC since 1994.



**Jane WILKINSON**

Director, Climate Policy Initiative

Jane Wilkinson is Director of CPI's Indonesian program. Prior to joining CPI, she served the Australian government on climate change and international policy issues for more than eight years. She joined the Department of Climate Change and Energy Efficiency in 2007 to work on Australia's international climate change policy and strategy. Ms. Wilkinson led analytic and negotiation teams on financing, markets and trade issues and had responsibility for developing the Australian government's

response to the financing challenge, including through the design and delivery of Australia's fast-start financing package. In 2010, she was closely involved with the work of the UNSG High Level Advisory Group on Climate Change Financing and coordinated analytical work on carbon markets and approaches to international transport. During 2010, Ms. Wilkinson was also appointed Senior Adviser on international issues to the Garnaut Review 2011 Update. In 2011 she led strategic and analytic work on long-term international mitigation issues and improved transparency mechanisms (MRV). Previously, she worked at the Department of Foreign Affairs and Trade and was posted to Indonesia, where she worked on legal and international security issues. Ms. Wilkinson holds a Bachelor of Laws degree from Monash University and a Bachelor of Arts from Macquarie University.