



2013 PARTIAL SPEAKER LIST

Kandeh Yumkella (Invited)	
Director General	
United Nations Industrial Development Organization	
	<p>Dr. Kandeh K. Yumkella has been the Director General of UNIDO since 2005 having served in various capacities within UNIDO such as the co-chair for the “High-level Group on Sustainable Energy for All”, where he highlighted the need for universal access to energy as well as increased energy efficiency and enhanced deployment of renewable sources of energy. In his capacity as the Chair of UN-Energy he spearheaded the United Nations’ response to energy issues. He also served as a special adviser to two previous Directors-General and as Director of the Africa and Least Developed Countries Regional Bureau as well as Representative and Director of the first UNIDO Regional Office in Nigeria. As Chair of the Secretary-General’s Advisory Group on Energy and Climate Change (AGECC), he played a leading international role in identifying the lack of access to energy as a crucial constraint for development efforts. A report out of his leadership recommended the need to increase energy access, energy efficiency and renewable energy options in order to deal with the climate change challenge and realize energy access to all. Kandeh has a vivid vision of how energy serves as a bedrock rock for economic development and what needs to be done to make it a reality. Prior to working for UNIDO, he was the Minister for Trade, Industry and State Enterprises of the Republic of Sierra Leone. He also held various academic positions at Michigan State University and the University of Illinois in the United States.</p>

Ambassador Irene Giner-Reichl (Confirmed)

Ambassador to China and Mongolia and President of the Global Forum on Sustainable Energy.

Austria

Irene Giner-Reichl is the Austrian ambassador to the People’s Republic of China and Mongolia and the President of the Global Forum on Sustainable Energy. She has worked in Austria and abroad



occupying various positions. She worked in Egypt and New York in Foreign Service for Austria and was the deputy head of mission, and later headed the Austrian mission to the United Nations. She represented Austria at the United Nations Economic and Social Council. Other positions include head of unit for International Women’s Issues, head of the department for multilateral social affairs, Alternate Permanent Representative of Austria to the United Nations in Vienna, head of the International and European union Affairs Department at the Ministry for the Environment, Youth and Family Affairs, Permanent Representative of Austria to United Nations Industrial Organization (UNIDO), the International Atomic Energy Agency, the United Nations Office in Vienna and the Preparatory Commission for the

Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO), Assistant Director-General for United Nations (UN) Affairs, Director of the UNIDO office in New York and Minister-Plenipotentiary in the Department for Development Cooperation, Ministry of Foreign Affairs, Vienna.

She served as Director-General for Development Cooperation and the Ministry for the European and International Affairs in Vienna, prior to being appointed the Austrian Ambassador to the People’s Republic of China and Mongolia.

The ambassador is also active in other energy issues. She has chaired/convened a variety of workshops such as “Fostering the Linkage between Energy and Sustainable Development within the International Institutions“, “ International Expert Meeting on Renewable Energy”, “The EU Expert Group on Energy and Sustainable Development.

She was on the Board of the World Energy Council (WEC) for the revision of „Energy for Tomorrow’s World“, and the panel for the World Energy Assessment, jointly hosted by the United Nations Economic and Social Affairs, the United Nations Development Program and the World Energy Council.

She has also lectured on a variety of issues.

Her degrees include a Mag. Phil and Juris Doctorate from the University of Innsbruck in Austria and a Masters of Arts from Fordham University in New York.

Mutiu Sunmonu (Confirmed)

Country Chair – Shell Companies in Nigeria

Managing Director – Shell Petroleum Development Company Limited-Nigeria and Vice President Production – Sub Sahara Africa.

Shell



Mutiu Sunmonu is Managing Director of the Shell Petroleum Development Company of Nigeria Limited (SPDC), Vice President Production (Sub Sahara Africa) and Country Chair of Shell Companies in Nigeria.

He graduated from the University of Lagos in 1978 with a first-class degree in Mathematics and Computer Sciences. He joined the IT department of Shell in Nigeria where he held various roles before being posted abroad.

Following three years in Aberdeen at Shell UK, he returned to Nigeria in 1993 to become Head of IT Infrastructure Services and in 1995 he became IT Manager for the Shell Petroleum and Development Company. In 1997 he moved to the core production side of the business as an area production manager. In 2001 he worked as Regional Business Adviser at Shell Headquarters at The Hague, in the Netherlands where he helped develop the initial investment proposal for the China West-to-East integrated pipeline and gas supply project.

Returning to Nigeria in 2003, Mutiu was appointed General Manager Production for SPDC Eastern operations. Two years later, he joined the Board of SPDC following his appointment as Executive Director Corporate Affairs and then Executive Director Production in 2006 with overall accountability for the company's oil and gas production activities and delivery.

He was appointed Managing Director of SPDC and Vice President Production on 1 January 2008. In January 2010, Mutiu was appointed Country Chair of Shell Companies in Nigeria.

He is married to Funke and they have four children. Mutiu's hobbies include golf and reading (especially autobiographies). He is a member of the Nigerian Society of Engineers, the Nigeria Association for Energy Economics and in his spare time enjoys educating and imparting knowledge.

Michael E. McKelvy**President and Division Chief Executive, Government, Environment and Infrastructure Division****CH2MHill**

. Michael McKelvy is President of CH2M HILL's Government, Environment & Infrastructure Division. Currently, he has profit/loss and leadership responsibilities for the division including the Government Facilities & Infrastructure, Environmental Services and Nuclear Business Groups. As part of CH2M HILL's Operations Council, Mr. McKelvy supports the firm's leadership in sustainability, ethics, safety, quality and diversity. Since joining CH2M HILL via the Lockwood Greene acquisition in 2003, Mr. McKelvy has served as President and Group Chief Executive for the Industrial Client Group and President for the Manufacturing and Life Sciences Business Group. Between 1988 and 2003, he served in a variety of roles for Lockwood Greene such as the Geschäftsführer for Lockwood Greene GmbH in Germany and Director of Southeast and

Southwest US Operations.

Mr. McKelvy has project execution and construction experience world-wide in over 20 countries and in such industries as Life Sciences, Electronics, Manufacturing, Foods & Beverages, Consumer Products, Chemicals, Metals, and Automotive. In addition he has experience in the DOE, COE, DOD and NRC government sectors.

Previous Experience

Prior to his association with Lockwood Greene, Mr. McKelvy served 7 years with C. H. Guernsey & Co. in Oklahoma City as Project Manager and Project Architect focusing primarily on projects for the COE, REA and DOD. Prior to Guernsey, he worked in Shreveport, Louisiana for AAM Architects for 4 years.


Professional & Civic Affiliations


A native of Shreveport, Louisiana, Mr. McKelvy is active in various civic and business organizations. He is a Registered Architect in 25 states and an active member of multiple professional societies and organizations.

Education & Board Experience

Mr. McKelvy received a bachelor's of science in environmental design from Oklahoma University, and a bachelor's of architecture from Louisiana Tech University. He has completed programs for Leadership South Carolina, Foundations of Leadership and Executive Finance Course.

Currently he serves on the CH2M HILL Strategic Planning, Executive, Incentive Compensation and Audit Board of Directors committees.

Brad Luyster(Confirmed)	
Vice President and General Manager	
ABB	
	Brad has spent 24 years in the electrical industry serving mostly industrial, commercial and utility markets. Brad comes to ABB after spending 8 years at Siemens Energy where he ran Siemens' MV outdoor distribution products business segment. In his current role, Brad leads the efforts of the ABB Smart Grid Center of Excellence which is focused on the delivery of systems to help solve complex solutions.

Mourad Belguedj (Invited)	
Senior Oil and Gas Consultant Sustainable Energy Department Oil, Gas and Mining Policy (SEGOM)	
The World Bank	
	Dr. Belguedj is the Energy Sector Adviser at the World Bank Group. Dr. Belguedj's experience stretches over two decades at SONATRACH of Algeria where he was head of Energy Economics and Development Planning then Executive Director for Gas, LNG and LPG Exports. In 1983 he became CEO of the Algerian Shipping Corporation-HYPROC and was member of the Boards of the Arab Maritime Petroleum Transport Company (AMPTC) Kuwait, The UK Protection & Indemnity Maritime Insurance Club (London, Bermuda) and the International Committee of Bureau VERITAS (Paris). He was a Cabinet Minister in 1991 in Charge of Transport and Tourism, he lead the Privatization effort as Chair of the Economic Reform and Restructuring Group. His Bank work includes Energy Sector Projects and Policy advice in the Legal and Regulatory aspect of Institutional Reforms, Gas Flaring reduction and use in five West African Countries, National Gas Strategic Plans for Angola, Bangladesh and Nigeria and Regional Energy Market Development such as The West Africa Gas Pipeline. He holds a Ph.D. from Fletcher School of Law and Diplomacy, Tufts University.

Youba Sokona(Confirmed)

Special Advisor on Sustainable Development

South Center



Dr SOKONA is currently the Special Advisor on Sustainable Development at the South Centre. The South Centre is an Intergovernmental Organization of Developing Countries intended to meet the need for analysis of development problems and experience, as well as to provide intellectual and policy support required by developing countries for collective and individual action, particularly in the international arena. He was until May 2012 Coordinator of the African Climate Policy Centre at the United Nations Economic Commission for Africa. Prior to leading the ACPC, he was the Executive Secretary of the Sahara and Sahel Observatory (OSS) in Tunis, Tunisia from 2004 to 2010. A citizen of Mali, his work focus is on the energy, environment and sustainable development nexus and he has broad experience in the African context in policy development. Before joining OSS, he worked for “Environnement et Développement du Tiers Monde,” in Dakar, Senegal. Prior to that, he served as professor at Ecole Nationale d’Ingenieur of Bamako in Mali. Throughout his career, he has served in various advisory capacities to African governments. He has published several books and articles on the issues of energy, environment and development with a focus on Africa. He is one of the co-chairs of IPCC Working Group III for the Fifth Assessment Report.


Spero Mensah (Confirmed)

President & CEO

JEM Smart LLC



Dr. Mensah has over 30 years of hand-on experience on all aspects of Transmission/ Distribution Network Management and Energy Market Systems (MMS). He was the pioneer of Smart Grid at AREVA/ALSTOM. His accomplishments include leading the development of the first Industry Advanced Distribution Management Systems (ADMS) at CAE resulting in CAE being positioned as the World Leading supplier of ADMS technology which is now the foundation of the ADMS Technology at GE Energy. He also spearheaded the Technical and Executive Leadership for development of ALSTOM ADMS Solution, being the principal Designer of the Industry Two Leading ADMS Solutions (GE Energy and ALSTOM Grid) and developing the ALSTOM/AREVA Solutions for Regional Transmission Operators & Independent System Operators. The solutions have been the industry preferred and dominant Solution for more than one decade now. Dr. Mensah is the Father of the of ALSTOM e-terra Family products. Additionally, Dr. Mensah led the design of AREVA/ALSTOM first Micro Grid Offering to help several Power utilities (in Middle East, Europe, India, Africa, and USA) develop and implement their strategic Power Electric Reforms.

Heidi VanGenderen(Confirmed)	
Director of Public Engagement	
Department of Energy	
	<p>Heidi VanGenderen currently works as the Director of public Engagement in the Department of Energy. She worked as Director of the National and Regional Outreach for the American Council on Renewable Energy (ACORE) where she was part of the policy team and oversaw the regional outreach program, along with specific forums for member and community engagement such as the series that examined creation of a viable utility business model for the 21st century. Previously, she served as a Senior Energy Advisor to the Worldwatch Institute where she was part of the Energy and Climate team. A Colorado native, Heidi previously served as Colorado’s first gubernatorial climate advisor where she oversaw creation of the state’s first Climate Action Plan. She was a core team member in the passage of Amendment 37, Colorado’s citizen initiated renewable energy standard. She has worked on energy and climate policy and education in the non-profit, public, and academic and private sectors as an organizer, writer, researcher, and educator for the whole of her professional career. Thanks to the British Foreign Commonwealth Office, she completed a Chevening Fellowship on Finance and Investment in a Low-Carbon Economy in Edinburgh and London in 2009 and is a graduate of Carleton College.</p>

Christian Burgsmüller(Confirmed)	
Legal Counselor	
European Union	
	<p>Dr. Christian Burgsmüller is a career EU diplomat with the European External Action Service (EEAS) and currently serves as counselor at the EU Delegation to the United States in Washington D.C., where he heads the Energy, Transport and Environment Section. Having studied law in Freiburg im Breisgau, Geneva and Cologne, Dr. Burgsmüller worked as a trainee solicitor in Düsseldorf, Brussels, Cologne and Buenos Aires before passing the German bar exam in 2000. He then joined the European Commission in Brussels as a career official. Over the following six years he held posts both in the commission's Directorate-General for Enterprise and Industry as well as in the Directorate-General for Trade. From 2006 till 2010 he headed the Political, Economic and Public Affairs section of the EU delegation to Brazil in Brasilia. Dr. Burgsmüller holds a Ph.D. in constitutional law from the University of Cologne and has been a visiting lecturer on EU and German politics at Sciences Po Paris and the University of Sao Paulo.</p>

Francis D Yamba(Confirmed)

Professor and Director

University of Zambia and the Centre for Energy Environment and Engineering, Zambia



Professor Yamba is currently a full professor in mechanical engineering at the University of Zambia with a bias on thermal sciences and energy and environment since 1985, and currently serves as Director at Centre for Energy Environment and Engineering Zambia (CEEEZ). Has 38 years of experience in teaching, research and development, consultancy, management, engineering applications. Has served as Dean - School of Engineering at the University of Zambia, Executive Director-Technical at INDECO (Industrial Development Corporation), Managing Director of Engineering Services Corporation (ESCO), Prof F.D Yamba has wide experience in project management and research having supervised and participated in over 40 projects in **climate related studies** (climate modeling and adaptation analysis, mitigation analysis related to energy and combustion, industry, land use change and forestry, and Clean Development Mechanism(CDM) projects development); and **energy related studies** (energy modeling and planning, and renewable energy and energy efficiency analysis and applications.

Dan Murphy(Confirmed)

Manager, Lighting Africa Program

The World Bank



Dan Murphy has over 15 years of professional experience working on development issues in Africa, with the past decade spent at the World Bank. In his current role, he leads the team supervising the Lom Pangar Hydropower and Kribi Gas Power Projects in Cameroon, both of which are currently under construction. In addition, Mr. Murphy manages Lighting Africa, a joint program with the International Finance Corporation that seeks to offer modern, affordable lighting and improved energy access to communities in sub-Saharan Africa, largely through the use of solar technology. He is also helping the Bank's Africa Energy Group to identify prospective grid-scale renewable investments. Mr. Murphy holds a BA from Bates College and an MA from the Johns Hopkins School of Advanced International Studies.

Ogunlaye Davidson(Confirmed)

Dean of Post-Graduate Studies and Former Minister of Energy-Sierra Leone

University of Sierra Leone



Since 1993, Ogunlade R. Davidson has been Professor of Mechanical Engineering and is currently the Dean of Post-Graduate Studies at the University of Sierra Leone, and was Dean of the Faculty of Engineering for several years. Internationally, he is Co-Chair of Working Group III of the Intergovernmental Panel on Climate Change (IPCC), and Co-Chair of the Steering Committee of the Global Network on Energy for Sustainable Development (GNESD). Between 2000 and 2003 Dr. Davidson was Professor and Director of the Energy and Development Research Centre (EDRC), at the University of Cape Town, South Africa. Earlier, he was a Senior Fulbright Scholar at the University of California, Berkeley in 1987, and MacArthur Scholar at Princeton University and Lawrence Berkeley Laboratory in the USA in 1990-92. He has been a Visiting Professor at the University of Gothenburg, Sweden, ENDA-TM in

Senegal, and at Riso National Laboratory in Denmark. Dr. Davidson has published extensively on African energy systems and policies, power sector reform, renewable energy policy, mitigation of climate change and on national climate change strategy. He has worked as a Consultant for several bodies, including UNESCO, UNIDO, ILO, UNECA, UNDP, UNEP, GEF, UNFCCC, NEPAD, ADB, the World Bank, Batelle laboratories and the Carnegie Corporation of New York. Professionally, he is a Registered Chartered Engineer of the United Kingdom and a Fellow of the African Academy of Sciences and of the Sierra Leone Institution of Engineers.

Peter Lilienthal (Confirmed)

CEO

Homer Energy



Dr. Peter Lilienthal is the original developer of the HOMER software and founded HOMER Energy in 2009 to enhance and commercialize the software. He has a Ph.D. in Management Science and Engineering from Stanford University. Peter has been active in the field of renewable and distributed energy and energy efficiency since 1978. Before founding HOMER Energy, he was president of Green Island Power, which provided analytical services for renewable and distributed power projects. From 1990-2007 he was Senior Economist with the International Programs Office at the National Renewable Energy Laboratory. His experience has included project

development of distributed power projects, designing and teaching courses at the university level, and consulting to industry and regulators. His technical expertise is in utility modeling and the economic and financial analysis of renewable and distributed power projects. He was the lead analyst and one of the creators of NREL's International and Village Power Programs.

Don McClure(Confirmed)

Vice President Government & Stakeholder Relations & Legal

EnCana Oil and Gas (USA) Inc.



Don McClure joined EnCana Oil & Gas (USA) Inc. in October 2002. Don was with PanCanadian Energy prior to the merger of PanCanadian Energy and Alberta Energy in April 2002, forming EnCana. Don has been in the oil and gas industry for more than 30 years, since his graduation from Northwestern Oklahoma State University with a Bachelor of Science degree in accounting. Don is a licensed CPA and CMA and also has an MBA from Southern Methodist University in Dallas, Texas. Don started his career with Atlantic Richfield, holding various positions of increasing responsibility focused primarily on controllership responsibilities. Don also worked with Vastar Resources, Inc., a carve-out IPO from Atlantic Richfield and Columbia Energy Services, Inc. Don is a member of the American Institute of CPAs, Institute of Management Accountants, Financial Executives Institute and the API Upstream Committee. Don serves as a Board Member for the University of Colorado at Denver, the Colorado Oil & Gas Association (COGA), the Independent Petroleum Association of Mountain States (IPAMS) and Junior Achievement. He participated in Governor Ritter’s Jobs Cabinet.

Robert Stoner(Confirmed)

Associate Director of the MIT Energy Initiative/Executive Director of the MIT-Tsinghua-Cambridge Low Carbon Energy University Alliance

Massachusetts Institute of Technology, Cambridge MA



After earning his Ph.D. in condensed matter physics at Brown University in 1992, Dr. Stoner joined the Microprocessor Development Group at Intel Corporation. In 1995, he formed Cooper Mountain Corporation, which developed the first commercial instruments to incorporate ultrafast pulsed lasers. These instruments, based on the picosecond ultrasonic method which he co-invented, are now extensively used to characterize computer chips during production. He subsequently founded Vinestone Corporation, a UK-based peer-to-peer database and workflow software developer. Dr. Stoner later held a number of senior executive positions and served as Chairman of the Technical Advisory Board at Zygo Corporation, a developer of precision optical systems and instruments for the global consumer electronics, aerospace and semiconductor industries. Dr. Stoner received a Bachelor of Science degree in Engineering Physics from Queen’s University, Canada. He was a National Science and Engineering Research Council of Canada Scholar, and holds US patents in the fields of semiconductor devices, optical measurement and imaging systems, optical devices, network computing, and acoustics. His current technical interests include high resolution imaging techniques, distributed computing, and energy distribution and storage technology and policy for developing countries.

Lawrence Jones(Confirmed)

Vice President Regulatory Affairs, Policy & Industry Relations and Smart Grid Expert

Alstom Grid



Dr. Lawrence E. Jones has over 20 years of experience in the energy industry. Throughout his career, he has been exploring trends, developing and implementing technology and forward-thinking business strategies for smart-supply, -delivery and -consumption of electricity around the world. He lends his expertise to several key areas including: integration of renewable, smart and clean energy technologies; impacts of climate change and societal trends on critical infrastructure utilities (electricity, water and ICT); infrastructure resilience; the applications of emerging technologies to mitigate and adapt to climate change.

He joined Alstom Grid in 2000, and is currently North America Vice President for Regulatory Affairs, Policy and Industry Relations. He also serves on the company's global Smart Grid Business Development team. He was previously Director of Strategy and Special Projects, Worldwide, in the Network Management Systems business and led its global Renewable Energy Integration activities. He has held other positions within the division including: Director of Business Development for the Americas; Account Executive for several large utilities in the US and Canada; and Manager for Utility Practice. He served as Director of the Transmission Optimization and Partnering (TOP) which was formed after a series of blackouts in the U.S. and other parts of the world in 2003.

Prior to joining Alstom, Dr. Jones was a consultant with ABB Power Systems in Ludvika, Sweden in 1999 and was a visiting scientist at Electricite de France in Clamart, France in 1997.

In September 2010, he was appointed by the United States Department of Commerce's National Institute of Standards and Technology (NIST) to a three-year term on the 15-member Federal Smart Grid Advisory Committee. He also serves on the Advisory Boards of several industry conferences and smart grid research programs within the Americas and Europe, and is on the Board of Directors of the Center for Sustainable Development in Africa (CSDA). He is a senior Member of the Institute of Electrical and Electronics Engineers (IEEE).

Dr. Jones was the principal investigator of the 2010/11 Global Survey on Renewable Energy Integration in Power Grids funded by the U.S. Department of Energy. In 2000, he co-founded the International Workshop on Large-Scale Integration of Wind Power and Transmission Networks for Off Shore Wind Farms which has become one of the prominent wind energy conferences held today. He received the Renewable Energy World Network 2012 Excellence in Renewable Award for Leadership in Technology, and the Utility Variable-Generation Integration Group 2012 Achievement Award. He holds patents for technologies that can enhance situational awareness in power system operations, and is Editor of the forthcoming book, "Renewable Energy Integration: Practical Management of Variability, Uncertainty and Flexibility in Power Grids."

Allan Schurr (Confirmed)

Vice President, Strategy and Development

IBM Global Energy & Utilities Industry



Allan Schurr is responsible for IBM’s market strategy, regulatory policy, and partner management for the global electric, gas, and water industries. IBM’s solutions include offerings in customer management, advanced metering infrastructure, and work & asset management that integrate the breadth of IBM hardware, software, and service offerings.

In addition, Schurr leads IBM’s utility initiatives for emerging solutions targeting the role of energy in a Smarter Planet, supported by a broad ecosystem. In this role, Schurr is working with utility companies to accelerate the development of Smart Grid and the integration of renewable energy sources and distributed energy assets like plug-in vehicles.

Schurr is a frequent speaker and has testified before the US Congress regarding the benefits of smart grid technology and impediments to its development. In

2010 he was named to earth2tech’s Top 15 Connected Car Influencers, and he holds a patent for System and Method for Energy Usage Curtailment and received a bachelor’s degree in mechanical engineering from the University of California Davis and master’s in business administration from St. Mary’s College in California. He is a registered engineer in the State of California.

Morgan Bazilian(Confirmed)

Deputy Director

Joint Institute for Energy Analysis



Morgan Bazilian is the Deputy Director of the Joint Institute for Strategic Energy Analysis (JISEA). The Institute conducts leading-edge interdisciplinary research and provides objective and credible data, tools, and analysis to guide global energy investment and policy decisions. The institutional partners are the National Renewable Energy Laboratory (NREL), the Massachusetts Institute of Technology (MIT), Stanford University, the University of Colorado-Boulder (CU), the Colorado School of Mines (CSM), and Colorado State University (CSU). He is also a Senior Research Fellow at the Global Green Growth Institute. Previously, Morgan was the Special Advisor to the Director-General of UNIDO on international energy policy. In this role he was deeply engaged with the design

and implementation of the United Nations Sustainable Energy for All initiative, and managed UN-Energy. UN-Energy is the UN’s interagency mechanism on all energy issues.

Prior to his time in the United Nations, he held a political appointment as Chief of Cabinet for the Minister of Energy in Ireland, after directing the clean energy division of Ireland’s national energy authority for several years.

Morgan has been the lead climate change negotiator for the European Union on low-carbon technology, and a member of the UNFCCC’s Expert Group on Technology Transfer (EGTT). He has been a national representative to various International Energy Agency governing bodies and executive committees, as well as to the EU’s energy research and development programs.

James J Emme(Confirmed)

Executive Vice President, North America

Endeavour International Corporation



Jim Emme is Executive Vice President, North America for Endeavour International Corporation. Endeavour International has exploration and production activities in the UK North Sea and onshore US where Jim oversees the Company's shale gas and tight oil projects. Jim has over 32 years' experience in the oil and gas industry where he has worked in various senior management roles, including 23 years with Anadarko Petroleum. Jim has extensive exploration experience in both domestic and international arenas, including Algeria, North Africa, onshore US, offshore Gulf of Mexico, Canada and Alaska. Jim received a Masters of Geology in 1981 from Colorado School of Mines where he continues to serve on the Visiting Committee and Enhancement Committee for the Department of Geology and Geological Engineering. Jim's family covers the energy spectrum, his wife Kathy is a research associate at CSM supporting Dr. Steve Sonnenberg's shale research consortia, his son Chris teaches outdoor/environmental education and his son David is a Vestas wind turbine technician in Kansas.

Andrew Yager(Confirmed)

Senior Advisor, Renewable Energy Advisory Services,

NORPLAN



Andrew Yager is a sustainable development advisor resident in Oslo, Norway. He has more than 30 years experience in the public and private sectors as well as academia. He recently retired from the United Nations where he had served as head of the Water, Energy and Strategies Branch in the Division for Sustainable Development.

Dr. Yager works on strategy and program development related to sustainable energy access, energy efficiency, alternative energy, and 'smart city' issues. He is currently conducting a formal evaluation of the Global Energy Assessment for the Global Environment Facility (GEF).

Prior to spending 9 years at UN HQ in New York City, Dr. Yager lived in Nairobi, Kenya where he managed a major Industrial Energy Efficiency Project, aimed at increasing sustainable industrial development and decreasing global carbon emissions.

Prior to joining the United Nations, he was Head of International Development at the Institute for Energy Technology in Norway where he managed the energy and climate change portfolio.

He previously served for 6 years as Renewable Energy and Rural Electrification Advisor to the SADC Energy Sector, while residing in Luanda, Angola for 3 years.

Dr. Yager is a Norwegian resident and a Canadian citizen. He received his Ph.D. in Energy Engineering from the University of Colorado at Boulder in 1984.

Fred Julander(Confirmed)

President

Julander Energy



Fred has over 39 years of experience in energy and natural resources as an independent operator. He has been a leader in the oil and gas community pushing for responsible exploration and development and for recognition that natural gas has a bright future as a natural compliment to renewable energy and efficiency. Fred is a member of the National Petroleum Council, past President of the Colorado Oil & Gas Association, founding Chairman of COGA’s Rocky Mountain Natural Gas Strategy Conference and Chairman of the Natural Gas Committee of COGA. Fred is also the recipient of the 2007 Distinguished Public Service Award presented by the Rocky Mountain Association of Geologists.

In 2009 Mr. Julander was selected to the Independent Petroleum Association of Mountain States Rocky Mountain Oil & Gas Hall of Fame. Mr. Julander earned a BA degree from the University of New Mexico and a JD degree from the University of Iowa Law School. He is a graduate of the University of Denver’s Executive MBA

program

David Posner(Confirmed)

President

EnVent Energy LLC



David M. Posner founded EnVent Energy LLC in 2000. EnVent’s primary business is negotiating gathering, processing, transportation and marketing arrangements for natural gas producers, and related strategic initiatives. Posner previously led the marketing function and midstream operations for Santa Fe Snyder, Snyder and Ladd, is a past Chairman of COGA, and has over 30 years of experience in energy marketing, project development, and management. EnVent is also involved the development of waste heat power projects on gas pipelines and at processing plants, and the interface between new

energy technologies including renewable sources and natural gas. Posner is a graduate of Brown University and received his Masters degree in Mineral Economics from the Colorado School of Mines.

Ravi Malhotra(Confirmed)

Founder and President

iCAST(International Center for Appropriate and Sustainable Technology)



Mr. Malhotra started working on community development shortly after receiving a B. Tech in Engineering from the Indian Institute of Technology, New Delhi, India. He later received an MS in Engineering and an MBA from the University of Texas. In the past 20 years, Mr. Malhotra has accumulated experience helping small entrepreneurial firms manage their growth. He has also developed and disseminated numerous sustainable technologies internationally and created financially viable enterprises globally. Mr. Malhotra is the founder of five social enterprises and received the Entrepreneur of the Year award in 2009 from the City of Lakewood, CO. He was a member of the Western Governor Association’s Solar and Bio-energy Task Force and is

a frequent guest speaker at various Universities across Colorado

Kenneth Jennings(Confirmed)

Managing Director

K2J Environmental



Dr. Ken Jennings is an environmental scientist with over 25 years experience in government (the US EPA Headquarters); industry (Amoco, Shell and Microsoft Corporations) and consulting. His areas of expertise include sustainability, energy, and climate change in Africa and the Caribbean.

As Managing Director of K2J, recent speaking engagements include:

The African Presidential Roundtable on Energy Strategy for the 21st Century in Mauritius - June 2011

The Africa Energy Indaba in Johannesburg - February 2012

The African Presidential Roundtable on Energy Security in Johannesburg -

May 2012

The Joint UK, US, Niger Investment Forum in London (a participant) - June 2012 Dr. Jennings earned a BS in geology and geophysics from Yale, a Masters in geology from the University of California Santa Barbara, and a Doctorate in environmental science and engineering from UCLA.

Kathleen Hancock(Confirmed)**Associate Professor****Colorado School of Mines**

Dr. Hancock is an Associate Professor of Political Science in the Liberal Arts and International Studies Division, where she teaches undergraduate courses in International Relations and in the Masters of the International Political Economy of Resources (MIPER) program. She earned her PhD in Political Science at the University of California, San Diego. She specializes in regional economic integration, global governance, and Eurasia. Her teaching interests also include human rights. Before earning her PhD, Dr. Hancock worked in Washington, DC as a Senior Evaluator at the US Government Accountability Office (GAO) and as a lobbyist for the Federation of American Scientists. She has conducted field research in

numerous countries in Europe and Eurasia, including Kazakhstan, Kyrgyzstan, Russia, and Ukraine. Dr. Hancock's book, *Regional Integration: Choosing Plutocracy* (New York: Palgrave Macmillan, 2009) compares economic integration efforts led by Prussia, South Africa, and Russia. She has published articles in *Foreign Policy Analysis*, *China-Eurasia Forum*, *Asian Perspective*, and *Georgetown Journal of International Affairs*. She is currently working on her second book, tentatively titled *Identity and International Institutions: Regional Integration in Southern Africa*.

Luka Powanga(Confirmed)**Professor****Regis University**

Dr. Luka Powanga is a professor in the School of Management at Regis University and the Executive Director of the Global Commerce Forum. He is also the Managing Editor of the Journal of Global Commerce Research and the Journal of Current Research in Global Business. He is currently the US correspondent for CargoNews Asia a trade magazine based in Hong Kong.

He holds a BSC degree in Metallurgy and Mineral Processing, Masters and PhD degrees in Mineral Economics from Colorado School of Mines with a minor in Finance from the Graduate School at Denver University. He also holds a Masters degree in Computer Information Technology and Graduate Level Certificate in Object Oriented Programming from Regis University. His industry and academic experience spans over thirty years at middle and senior management levels. He consults in mining and international business management. He worked in the mining and telecommunications industry at middle and senior management level within and outside the United States. He taught at Colorado School of Mines before transitioning to Regis University. He has written a textbook in economics published by McGraw-Hill.

Ms. Sheila Oparaocha(Invited)

Coordinator

ENERGIA International Network on Gender and Sustainable Energy



Sheila is the program manager for ENERGIA International Network on Gender and sustainable energy. After completing her Masters, Sheila worked as a research associate in the Gender and Development Program at Asian Institute of Technology (AIT). Whilst living in Thailand, she also conducted research in Lao PDR, Bhutan, India, Nepal and Malaysia. At the end of 1997, Sheila left Asia to live in the Netherlands.

Sheila got her Bachelor’s degree in Veterinary Medicine from the University of Zambia and pursued her MSc in Gender and Rural Development Studies at (AIT).

Adnam Amin (Invited)

Director General

International Renewable Energy Agency



Adnan Z. Amin was elected as the Director-General of the International Renewable Energy Agency (IRENA) in April 2011. In his capacity he is charged with the responsibility of establishing a sound institutional management structure and clear strategic vision for the implementation of the agency’s mandate to promote the adoption and use of renewable energy worldwide.

Mr. Amin brings to this position over 25 years of experience in the fields of international environment and sustainable development policy, as well as in the political, management, and interagency coordination functions of the United Nations (UN) work. Mr. Amin served as Head of the UN System Chief Executives Board for Coordination (CEB) Secretariat. In this function, he was responsible for overseeing the Secretariat supporting the CEB in its UN system-wide policy coordination under the Chairmanship of the UN Secretary-General and comprising the Executive Heads of UN System organizations. The CEB is the highest level interagency coordinator framework in the UN system and oversees UN coordination on Policy, Management and Field Operations.

Mr. Amin also served as the Executive Director of the Secretariat of the Secretary-General’s High Level Panel, co-chaired by the Prime Ministers of Mozambique, Norway and Pakistan, on UN System-wide Coherence. The Panel undertook an ambitious and unprecedented level of consultation on development, environment, and humanitarian aspects of the work of the UN System and proposed an ambitious reform program that still continues in the UN General Assembly under the framework of the “One UN”.