



# VIENNA ENERGY FORUM 2013

One year after Rio + 20:  
the energy future we want



## Speaker Biographies



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION

Federal Ministry for  
European and International Affairs



International Institute for  
Applied Systems Analysis  
[www.iiasa.ac.at](http://www.iiasa.ac.at)

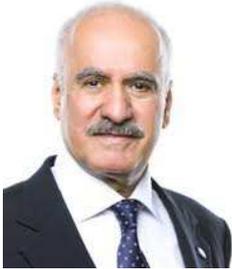
## VEF 2013 Speaker Biographies

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## Ministerial and High Level Segment

**Al-Herbish, S.J.**



**Director General of the OPEC International Development Fund (OFID)**

Mr. Suleiman Jasir Al-Herbish, a Saudi national, has been the Director-General and Chief Executive Officer of the OPEC Fund for International Development (OFID) since November 2003. Mr. Al-Herbish holds a BA in Economics and Political Science from the University of Cairo and an MA in Economics from Trinity University, San Antonio, Texas. Prior to his appointment at OFID, he served for 13 years as the Governor of Saudi Arabia at OPEC. He is currently in his second term of office at OFID, having been re-elected unanimously by the institution's highest authority, the Ministerial Council, in June 2008.

**Brauner, R.**



**Vice Mayor of the City of Vienna, Austria**

Mag. Renate Brauner serves as Vice- Mayor of the City of Vienna, and Bernhard Felderer, Head of the Institute of Higher Studies. Mag. Brauner has been Deputy Chairman of the Advisory Board at Kommunalkredit Austria AG since April 2007 and serves as its Member of Supervisory Board. Mag. Brauner also serves as Member of the Supervisory Board at Österreichisches Institut für Wirtschaftsforschung.

**H.E. Lihua, L.**



**Vice Minister of Industry and Information Technology China**

Liu Lihua graduated from Beijing University of Posts and Telecommunications and has served successively in General Office of the State Council, Shenzhen Government and State Radio Regulatory Commission since August 1983. Mr. Liu assumed titles including Director General of the Bureau of Radio Regulation of MII in July 1998, the Director of General Office of MII in February 2004 and Vice Minister of MIIT in February 2011.

**H.E. Almazroui, S.M.**



**Minister of Energy United Arab Emirates**

Suhail Mohammed Al Mazrouei was appointed energy minister of the United Arab Emirates in 2013. Al-Mazrouei serves on the advisory committee of Abu Dhabi's Supreme Petroleum Council, which sets energy policy, and works as deputy chief executive officer of Mubadala Petroleum, a state-owned energy investment company, which among other projects is helping supply the U.A.E. with imported natural gas. He also represents Mubadala in several joint ventures, including Tatweer Petroleum and Dolphin Energy Ltd, according to Mubadala's website. Dolphin Energy is a venture with Total SA (FP) and Occidental Petroleum Corp (OXY) that pipes Qatari gas to Abu Dhabi, Dubai, another of the U.A.E.'s sheikhdom and on to Oman.

**H.E. Haq Ahadi, A.**

**Minister of Commerce and Industries Afghanistan**



Anwar ul-Haq Ahady (August 12, 1951-) is a prominent academic and politician in Afghanistan, who served as the nation's Finance Minister from December 2004 to February 5, 2009. Prior to that he served as head of Afghanistan Bank, the central bank of Afghanistan. He is currently serving as Afghan Minister of Transportation and Commerce. Born the son of Abdul Haqhas, a Pashtun and native of the Sarobi district in Kabul province, Ahady holds a Master of Business Administration (MBA) and a Ph.D in political science from the post-graduate faculty of Northwestern University, in Evanston, Illinois, north of Chicago. He earned a Bachelor's degree as well as a Master's degree in economics and political science from the American University of Beirut in Lebanon.

**H.E. Holmås, H.**

**Minister of International Development Norway**



H.E. Heikki Holmås is the Minister of International Development for Norway and has held a number of political prior to his appointment. From 2005-2009 he was Member of the Delegation to the NATO's Parliamentary Assembly. In 2010, he served as Second Vice Chair in the Socialist Left Party Group Steering Committee that he became a member of in 2005. In 2008 he was politically appointed as the Chair of the Socialist Left Party Oslo. From 1999 he studied economics and business administration at the Norwegian School of Economics and Business Administration. And further studied economics at the University of Oslo and law at the University of Bergen.

**H.E. Kamara, A.U.B.**

**Minister of Trade and Industry Sierra Leone**



Alhaji Usman Boie Kamara is a Sierra Leonean politician, businessman and mining engineer. He is currently Sierra Leone Minister of Trade and Industry. He is a former director of the Sierra Leone National Diamond Mining Company (NDMC). In January 2013, Usman Boie Kamara was chosen by Sierra Leone president Ernest Bai Koroma to serve as Minister of Trade and Industry in his new second term cabinet. He was approved by the Sierra Leone House of Parliament on January 15, 2013 and was sworn in as Sierra Leone Minister of Trade and Industry on January 16, 2013 at State House in the capital Freetown. Usman Boie has a master's degree in mining engineering and Mineral Production Management from Imperial College of Science, Technology and Medicine in London.

**H.E. KOROLEC, M.**

**Minister of Environment, Poland**



Marcin Korolec is a career civil servant working at ministerial positions on industry, trade and environment issues for eight years and three successive government terms. He is an effective negotiator and an experienced result-oriented manager. He is a lawyer and a graduate of the French L'École Nationale d'Administration.

**H.E. Siphana, S.**

**Advisor of the Royal Government of Cambodia with rank of Minister**



Dr. Sok is an Advisor of the Royal Government of Cambodia with rank of Minister, attached concurrently to the Supreme National Economic Council, the Ministry of Foreign Affairs and International Cooperation, and the Ministry of Industry, Mines and Energy. He is also the Chairman of the Board of Cambodia Development Resource Institute (CDRI), Cambodia's oldest and prominent independent research institute. He is a Convenor of a weekly 30 minutes "Cambodia's Global Dialogue" policy talk show at South East Asia TV (SEATV) .

**H.E. Spindelegger , M.**

**Foreign Minister and Vice Chancellor of Austria and Leader of Austrian People's Party**



Michael Spindelegger is an Austrian politician. He is serving in the cabinet of Chancellor Werner Faymann as Foreign Minister of Austria since 2008; additionally, he is Vice Chancellor since 2011. Spindelegger is also the leader of the Austrian People's Party (ÖVP) since 2011. From 1982 to 1983, Spindelegger was Assistant Lecturer and Researcher at the Institute of Criminal Law, University of Vienna. From 1983 to 1984, he worked as a judge's assistant at several Courts of Law in Vienna, and from 1984 to 1987 as a civil servant for the Federal State of Lower Austria. From 1987 to 1990, he worked for Austrian Defense Minister Robert Lichal, and between 1990 and 1994 for a number of companies in Austria and Germany, including Siemens.

**H.E. Thomson, P.**

**Permanent Representative of Fiji to the United Nations New York and Chair of the G77**



Peter Thomson was appointed Ambassador of Fiji to the United Nations on March 4, 2010. Prior to his appointment, Thomson was an investment and management consultant from 1988 to 2009, specializing in Pacific island affairs, with clients including government agencies, regional organizations, banks, universities and investment corporations. Before his involvement with private enterprise, he spent 16 years as a civil servant; serving most recently as Permanent Secretary to the Governor-General of Fiji from May 1987 until his resignation from the civil service. Thomson has a post-graduate diploma in development studies from the University of Cambridge, United Kingdom, and a BA in political studies from Auckland University, New Zealand.

**Holliday, C.**

**Chairman, Bank of America**



Charles O. Holliday, Jr. "Chad" is chairman of the board of directors of Bank of America. He has served as a director since September 2009. He is the former chairman of the board of directors of E.I. du Pont de Nemours and Co., a position he had held for approximately 10 years. Since 2007, Holliday has served as a member of the board of directors of Deere & Co. and as a member of the board's audit and corporate governance committees. He is chairman emeritus of Catalyst, a leading nonprofit organization dedicated to expanding opportunities for women and business, and chairman emeritus of the board of the U.S. Council on Competitiveness, a nonpartisan, nongovernmental organization working to ensure U.S. prosperity. Holliday is a founding member of the International Business Council and a member of the National Academy of Engineering. He received a bachelor's degree in industrial engineering from the University of Tennessee and received honorary doctorates from Polytechnic University in Brooklyn, New York and from Washington College in Chestertown, Maryland. He is co-chairing the UN Secretary-General Ban Ki-moon's High Level Panel on Sustainable Energy for All.

**Kabat, P.**



**Professor & Director and CEO of IIASA, and Professor of Earth System Science at Wageningen University.**

Professor Kabat has over 20 years' experience leading interdisciplinary and international research teams investigating global environmental change, with focus on climate hydrology and water cycles. He is author and co-author of over 200 refereed publications including 8 books, co-editor of four special issues of peer reviewed international journals. He received the Dahlem Foundation International Prize, Berlin, Germany in 1998 and was co-recipient the Zayed International Prize for the Environment in 2006, as one of the authors of the Millennium Ecosystem Assessment.

**Loo Took Gee, D.**



**Secretary General of the Ministry of Energy, Green Technology, and Water**

Datuk Loo Took Gee is currently the Secretary General of the Ministry of Energy, Green Technology, and Water. Prior to her appointment as the Secretary General, she was the Deputy Secretary General (Energy) since April 2007. Datuk Loo Took Gee holds a Bachelor Degree in Arts (Hons.) from University of Malaya in 1978 and expanded her qualification in Public Administration, obtaining a Diploma from the National Institute of Public Administration in 1979. She completed her Masters Degree in Policy Science in Saitama University, Japan in 1990.

**YUMKELLA, K. K.**



**Director General, United Nations Industrial Development Organisation (UNIDO) and UN Special Representative for Sustainable Energy For All**

Kande K. Yumkella is the Director-General of the United Nations Industrial Development Organization (UNIDO). He has been recently appointed to be the UN Secretary Generals Special Representative on Sustainable Energy For All. With over 20 years experience in international development cooperation, he has provided leadership for various initiatives and promoted increased international cooperation in the field of sustainable industrial development, trade capacity building, UN-business partnerships, renewable energy and energy efficiency, as well as climate change mitigation and adaptation. Dr. Yumkella currently serves as Chairman of the UN-Energy, a UN system coordination body dealing with energy-related issues. In December 2005 Dr. Yumkella was appointed as Director-General of UNIDO, having previously worked in various high-level policy positions in UNIDO, including as Special Adviser to two previous Directors-General and Director of the Africa and LDCs Regional Bureau and as Representative and Director of the first UNIDO Regional Office in Nigeria. Prior to working for UNIDO, from 1994-1995, he was the Minister for Trade, Industry and State Enterprises, Republic of Sierra Leone.

## High-Level Panel I Energy in the Post-2015 Agenda

Pillai, N.

Journalist and Moderator, BBC



Nisha Pillai is an accomplished former news presenter with BBC World News who now specialises in moderating Panel Discussions and High Level Dialogues. She has worked closely with several UN agencies, and with scientific institutes such as CERN, IIASA and the Planet Under Pressure conference which fed into Rio +20. Nisha's 25 year career at the BBC culminated as one of the main news anchors at BBC World News, where she reported extensively during the 9/11 attacks and the Iraq war. She was also one of the first regular interviewers on Hard Talk. As an award-winning investigative journalist at 'Panorama', the BBC's flagship current affairs programme, Nisha had notable investigations to her name. She cut her teeth as a financial journalist on the BBC's Money Programme and at the Investors Chronicle. She studied economics at the London School of Economics.

Alkalaj, S.

Under-Secretary General and Executive Secretary of the United Nations Economic Commission for Europe (UNECE)



Secretary-General Ban Ki-moon has selected Mr. Sven Alkalaj, a national of Bosnia and Herzegovina, as Executive Secretary of the United Nations Economic Commission for Europe (UNECE). Mr. Alkalaj served as Foreign Minister of his country and Ambassador in Washington and Brussels, and has dealt with political and economic issues at the national, regional, European, and international levels gaining particular experience in enhancing regional cooperation amongst countries in the Western Balkans as well as the Eastern European and the CIS (Commonwealth of Independent States) countries. He will focus on building consensus among various actors and stakeholders at all levels regarding the agenda of UNECE.

AMIN, A

Director General, International Renewable Energy Agency



Mr. Amin is a development economist specializing in sustainable development. He is a national of Kenya and was appointed as the first Director-General of the International Renewable Energy Agency (IRENA) in April 2011. In this capacity, he is charged with the responsibility of leading and managing the Agency in the implementation of its mandate to promote the adoption and use of renewable energy worldwide. Immediately prior to his appointment as the Director-General, Mr. Amin led IRENA in its final preparatory phase before it became a fully-fledged international organization on 4 April 2011. Mr. Amin has over 20 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.

Goldemberg, J.

Board Member, Sustainable Energy Institute



Professor José Goldemberg earned his Ph.D. in Physical Sciences from the University de São Paulo in 1954. He was Rector of the University from 1986 to 1990. A Member of the Brazilian Academy of Sciences, he has served as the President of Brazilian Association for the Advancement of Science. Between 1990 and 1992, he was Brazil's Secretary of State for Science and Technology and Minister of State for Education of Brazil. Between 2002 and 2006, he was Secretary for the Environment of the State of São Paulo. In 2008 he was awarded the Blue Planet Prize 2008 of the Asahi Glass Foundation (Japan). In 2010 he received the "Trieste Science Prize" of the Third World Academy of Sciences and in 2013 "Lifetime Achievement Award" from the Zayed Future Energy Prize.

**Kyte, R.**



**Vice President, Sustainable Development, The World Bank**

Rachel Kyte is the vice president for sustainable development at the World Bank, where she has overall responsibilities for the organization's global work in agriculture, environment, energy, infrastructure, urban, and social development, along with global public goods issues in those areas. Prior to her appointment in 2011, she was the International Finance Corporation's vice president for business advisory services and a member of IFC's management team.

**Roiss, G.**



**CEO, OMV**

Dr. Gerhard Roiss has been the Chief Executive Officer and Chairman of Executive Board of OMV Aktiengesellschaft at Oesterreichische Indholding AG since April 1, 2011. Dr. Roiss is responsible for Refining and Marketing including petrochemicals of OMV Aktiengesellschaft. He serves as the Managing Director of OMV Refining & Marketing GmbH. Since September 1997, he has been a Member of OMV board in charge of Chemicals and Plastics. He served as the Deputy Chairman of Executive Board and Deputy Chief Executive Officer of OMV Aktiengesellschaft (OMV Group) from January 1, 2002 to April 2011 and was responsible for Refining & Marketing including Petrochemicals. He served as a Vice President of OMV Petrom SA. Dr. Roiss studied Business/Economics at the University of Vienna; University of Linz and Stanford University.

**Thompson E.**



**Executive Coordinator for the UNCSO Rio + 20 Conference**

Ms. H. Elizabeth Thompson, a former Minister for Energy and Environment of Barbados, was appointed by the Secretary-General of the United Nations as Executive Coordinator for the UNCSO Rio + 20 Conference and assumed her duties in 7 December 2010. Ms Thompson also served as Minister for Physical Development and Minister for Health. Ms. Thompson was appointed to the Barbados Senate and was a practicing attorney as well as a journalist. In addition, she was a lecturer in ecology, economy, energy and politics. Ms. Thompson graduated from the University of the West Indies and obtained an MBA, with distinction, from the University of Liverpool and a Master of Laws from Robert Gordon University, Scotland.

**Van der Hoeven, M.**



**Director of International Energy Agency**

Maria van der Hoeven took over as Executive Director of the IEA on 1 September 2011. Previously, Ms. Van der Hoeven served as Minister of Economic Affairs of the Netherlands from February 2007 to October 2010, during which time she demonstrated leadership on energy policy at the national, regional and global levels. Prior to becoming Minister of Economic Affairs, Ms. Van der Hoeven was Minister of Education, Culture and Science from 2002 to 2007. She was an elected member of the Netherlands House of Representatives of the States-General from 1991 to 2002. Until 1987 she was head of the Adult Commercial Vocational Training Centre in Maastricht, after which she served as head of the Limburg Technology Centre until 1991. A native Dutch speaker, Ms. Van der Hoeven is fluent in English and speaks French and German.

**YIGITGUDEN. H.Y.**



**Co-ordinator of OSCE Economic and Environmental Activities**

Halil Yurdakul Yigitgüden from Turkey assumed the post of Co-ordinator of OSCE Economic and Environmental Activities on 1/02/2013. Yigitgüden served from 1997-2003 as the Under-Secretary of the Turkish Ministry of Energy and Natural Resources. He took a leadership role in Caspian region energy diplomacy and in implementing energy market reforms. Yigitgüden holds a doctoral degree in engineering from RWTH Aachen University.

## Launch of SE4All Global Tracking Framework

**Dorner, D.**

**Economist and Analyst, International Energy Agency**



Advisor at the International Energy Agency and an author of its flagship publication the World Energy Outlook. Recently co-led the work on the IEA's "Iraq energy outlook" report and was a contributing author to its publication "Are we entering a golden age of gas?" Leads the IEA's work on energy access for the poor and coordinates its engagement with the UN Sustainable Energy for All initiative. Has a degree in International relations and Business Administration from the University of Sunderland and Lancaster University.

**Foster, V.**

**Manager, Energy Department, Sustainable Energy, World Bank**



Vivien Foster is the Manager of the Sustainable Energy department of the World Bank. Earlier, she was the Lead Economist in the Office of the Director for Sustainable Development in the Africa Region of the World Bank, where she was responsible for coordinating a major knowledge program known as the Africa Infrastructure Country Diagnostic. Before joining the World Bank, she was a Managing Consultant of Oxford Economic Research Associates Ltd in the UK where she advised private and public sector clients in the water and energy industries, and worked with numerous Latin American governments on issues relating to water sector reform. She holds a Doctorate in Economics from University College, London.

**Kyte, R.**

**Vice President, Sustainable Development, The World Bank**



Rachel Kyte is the vice president for sustainable development at the World Bank, where she has overall responsibilities for the organization's global work in agriculture, environment, energy, infrastructure, urban, and social development, along with global public goods issues in those areas. Prior to her appointment in 2011, she was the International Finance Corporation's vice president for business advisory services and a member of IFC's management team.

**Trace, S.**

**Executive Director, Practical Action**



Simon Trace took up his appointment as CEO of Practical Action in 2005. He has been associated with the organisation during a period of strong growth and rising international recognition for its work, particularly in the area of the environment and energy where Practical Action has won a number of international awards. A civil engineer by training, Simon also studied anthropology. Simon's career has principally been in community development, in the fields of soil and water conservation or water and sanitation, and he has spent time with a number of agencies, including periods of secondment to CARE and Unicef. He also spent a total of 10 years in Zambia and Nepal prior to moving to London to take up a series of positions with WaterAid, including Asia Regional Manager and Head of International Operations. Prior joining Practical Action, Simon was Strategic Development Director for the UK NGO WaterAid.

**YUMKELLA, K. K.**



**Director General, United Nations Industrial Development Organisation (UNIDO) and UN Special Representative for Sustainable Energy For All**

Kandeh K. Yumkella is the Director-General of the United Nations Industrial Development Organization (UNIDO). He has been recently appointed to be the UN Secretary General's Special Representative on Sustainable Energy For All. Dr. Yumkella currently serves as Chairman of the UN-Energy, a UN system coordination body dealing with energy-related issues. In December 2005 Dr. Yumkella was appointed as Director-General of UNIDO, having previously worked in various high-level policy positions in UNIDO, including as Special Adviser to two previous Directors-General and Director of the Africa and LDCs Regional Bureau and as Representative and Director of the first UNIDO Regional Office in Nigeria. Prior to working for UNIDO, from 1994-1995, he was the Minister for Trade, Industry and State Enterprises, Republic of Sierra Leone.

## **High-Level Panel II A New Action Agenda- High Level Group on Sustainable Energy For All**

**Bychkov, A.**



**Deputy Director General of IAEA and Head of the Department of Nuclear Energy**

Alexander Bychkov is Deputy Director General of IAEA and Head of the Department of Nuclear Energy. Before his appointment, he was Director General of the Research Institute of Atomic Reactors in Dimitrovgrad, Russian Federation. He graduated in chemistry from Moscow State University in 1982. His main areas of activity cover the nuclear fuel cycle subjects including nuclear fuel, fast reactors and high level waste, radionuclide technologies and research reactors applications. Dr Bychkov is a co-author of more than 150 scientific works. He worked on projects related to the Russian-USA Global Partnership on disposition of excessive military plutonium and the return and treatment of highly enriched uranium from other countries.

**Ferrier, J.**



**President of the International Gas Union**

Jérôme Ferrier (Total, France), a graduate in petroleum engineering, has more than 30 years' experience in natural gas activities ranging from production to marketing in Africa and Europe. Since 1995 he has been successively Managing Director of GSO, Director of Total Gas and Power for the Americas, President of Total Gas and Power for the Southern Cone in South America and Group Representative in Argentina, Special Adviser to the President of Total Gas and Power and since 2008 Senior Vice-President Corporate.

**OXILIA, V.**



**Executive Secretary, OLADE**

Mr. Oxilia holds a BSc. in Physics and a PhD. in Energy (University of Sao Paulo, Brazil USP). He has been professor and researcher at the National University of Asuncion, at the Catholic University of Asuncion, Paraguay, and at USP. He has also been advisor to the Minister of Industry and Commerce, Director of Energy and Director of Scientific Development of Paraguay Government. He joined OLADE at 2008 where he worked as Training Coordinator. Dr. Oxilia was appointed as Executive Secretary of the Organization in 2011.

**Pillai, N.**



**Journalist and Moderator, BBC**

Ms Nisha Pillai is an accomplished former news presenter with BBC World News who now specialises in moderating Panel Discussions and High Level Dialogues. She has worked closely with several UN agencies, and with scientific institutes such as CERN, IIASA and the Planet Under Pressure conference which fed into Rio +20. Nisha's 25 year career at the BBC culminated as one of the main news anchors at BBC World News, where she reported extensively during the 9/11 attacks and the Iraq war. She was also one of the first regular interviewers on Hard Talk. As an award-winning investigative journalist at 'Panorama', the BBC's flagship current affairs programme, Nisha had notable investigations to her name. She cut her teeth as a financial journalist on the BBC's Money Programme and at the Investors Chronicle. She studied economics at the London School of Economics.

**Singh, N.P.**



**Advisor, Ministry of New and Renewable Energy , Government of India**

Dr. Singh has a Masters Degree in Physics in 1975 and Ph. D in Bio Energy. In 1976, he joined National Physical Laboratory, New Delhi. He did research work on solar cells. Dr.Singh is the Adviser in the Ministry of New and Renewable Energy since Jan. 1999. Presently Dr. Singh is heading. Dr. Singh has been the National Project Director of UNDP/GEF assisted Project on High Rate Biomethanation and also National Project Director of UNDP/GEF PDF Project on Fuel Cell Bus Development in India. During the 30 years stay in the Ministry, Dr. Singh has planned and implemented important R&D, Demonstration and Commercial Projects in the area of Smal Hydro Power, Solar Photo voltics, Bio-Energy and New Technologies such as Hydrogen Energy, Fuel Cells and Ocean Energy.

**Steer, A.**



**President and CEO of the World Resources Institute**

Dr. Andrew Steer is the President and CEO of the World Resources Institute. He has three decades of experience working on international development on the front line in Asia and Africa, and at a senior level in international policy roles. Andrew joined WRI from the World Bank, where he served as Special Envoy for Climate Change since 2010. In this role he guided Bank Group efforts on climate change in more than 130 countries, oversaw the \$7 billion Climate investment Funds, and led the World Bank's engagement on international climate negotiations. He was a member of UN Secretary-General Ban Ki-moon's High Level Panel on Sustainable Energy for All and on the B20 Board on Green Growth. Andrew was educated at St Andrews University, Scotland, the University of Pennsylvania, and at Cambridge University. He has a PhD in Economics, has written widely on sustainable development issues, and has taught at several universities.

**Taeb , M.**



**Environmental Coordinator at the OPEC Secretariat**

Dr.Mohammad Taeb has over 20 years of work experience after completing his Ph.D. from Cambridge University, UK, in 1992. Since 2009, he is serving as Environmental Coordinator at the OPEC Secretariat. In the period before joining the OPEC, he has worked as researcher, lecturer, research manager, and treaty negotiator. Most of his career has been at the international level, including working for the United Nations. He has developed his career in broad and policy-oriented fields, including energy, environment, science and technology, biotechnology, and agriculture/poverty. His current job assignment include policy research on the environment and energy nexus, and providing technical support to the OPEC Member Countries on matters related to climate change negotiations and sustainable development.

## Plenary Session 1 : Framework for Action – High Impact Opportunities

**Binger, A.**



**Energy Science Advisor, Caribbean Community Climate Change Centre**

Albert Binger is a Science and Policy Advisor and Professor at Caribbean Community Climate Change Centre. He has been Science Advisor at the Alliance of Small Island States. A Professor at the University of West Indies and a Director of the university's Centre for Environment and Development. Mr. Binger has also worked as a consultant to the United Nations Development Programme and the Caribbean Institute of Media and Communication. He has a doctorate in Agronomy from the University of Georgia.

**Frei C.**



**Chief Executive and Secretary General of the World Energy Council**

Christoph Frei is Chief Executive and Secretary General of the World Energy Council. He is responsible for managing the day to day affairs of the WEC and presents the WEC's strategic insight and global activities at international energy conferences around the world.

**Mountford, H.**



**Deputy Environment Director at the OECD**

Helen Mountford has been Deputy Environment Director at the OECD since 2010. She joined the organisation in 1997, and headed the Division on Climate Change, Biodiversity and Development from 2006-2010. Prior to joining OECD, she managed a local recycling company in the UK and worked for an environmental NGO in Australia.

**NAKICENOVIC, N.**



**Deputy Director, IIASA and Professor of Energy Economics at the Vienna University of Technology**

Nebojsa Nakicenovic is Deputy Director of the International Institute for Applied Systems Analysis (IIASA), Professor of Energy Economics at the Vienna University of Technology, and Director of the Global Energy Assessment (GEA). Among other positions, Prof. Nakicenovic is member of the United Nations Secretary General Advisory Group on Energy and Climate Change; Member of the Advisory Council of the German Government on Global Change (WBGU); Member of the Advisory Board of the World Bank Development Report 2010: Climate Change; Member of the International Council for Science (ICSU) Committee on Scientific Planning and Review, and Member of the Global Carbon Project; Member of the Energy Sector Management Assistance Program (ESMAP) Expert Panel on Sustainable Energy Supply, Poverty Reduction and Climate Change.

**Reuter, A.**



**Managing Director Fichtner IT Consulting AG and Director Business Development Smart Grids, Fichtner GmbH & Co. KG**

Dr.-Ing. Albrecht Reuter is managing director of Fichtner IT Consulting AG. Since February 2011 he is leading the business development of smart grids for the Fichtner group. He began his career at Brown, Boveri & Cie AG in Mannheim overseeing the construction works of power plants, before continuing as an international energy consultant at Lahmeyer International GmbH in Frankfurt. From 1983 until 1995 he worked at the Institute for Energy Economics and the Rational Use of Energy (IER) of the University Stuttgart, where he was awarded his doctor's degree under the supervision of Prof. Dr. Alfred Voss. Thereafter Dr. Reuter continued to become member of the Executive Board at Verbundplan GmbH in Austria. Before finally joining Fichtner IT Consulting AG in 2008, he was the general manager of IRM Consulting & Services GmbH in Vienna. He is the initiator as well as the scientific leader of the renowned Energy Talks Ossiach and is also a member of the Executive Board of the Global Forum for Sustainable Energy (GFSE) and the Ludwig Bölkow Stiftung in Munich. He is also the chairman of the scientific expert committee of the Smart Grids Model Region Salzburg.

**SRIVASTAVA, L.**



**Executive Director, TERI**

Dr. Leena Srivastava is currently the Executive Director, TERI, New Delhi – an independent not-for-profit research institution, working in the areas of energy, environment and sustainable development. She is on the advisory/fiduciary Boards of a few companies nationally and internationally as well as on the advisory boards of various international journals and research/academic institutions dealing with energy and environment issues.

**Zervos, A.**



**Professor and Chairman and Chief Executive Officer of Public Power Corporation**

Arthouros Zervos is a Professor at the National Technical University of Athens and presently Chairman and Chief Executive Officer of Public Power Corporation – Greece as well as Chairman of the Public Power Corporation Renewables in Greece. He is Chairman of Renewable Energy Policy Network for the 21st Century (REN21). He has been President of the European Wind Energy Association (EWEA) from 2001 to 2013, President of the European Renewable Energy Council (EREC) from 2000 to 2012 and President of the Global Wind Energy Council (GWEC) from 2005 to 2010. He has more than 30 years of high level expertise in policy, science, research and technology across the renewable energy sector. He led key European renewable energy bodies and has acted as policy advisor to Governments, EU bodies and policy fora. From 1990 to 1995 he worked as a scientific officer in the Renewable Energy Unit of DG Research of the European Commission in Brussels.

## Plenary Session 2 – Energy And Green Growth

**Cramer, J.**



**Director of the Utrecht Sustainability Institute and Professor for Sustainable Innovation at Utrecht University.**

Prof. Dr. Jacqueline Cramer is director of the Utrecht Sustainability Institute and professor in sustainable innovation at Utrecht University. Before she was Minister of Housing, Spatial Planning and the Environment (February 2007 – February 2010). Earlier she was director of the consultancy firm ‘Sustainable Entrepreneurship; strategy and innovation consulting’. She worked with more than 100 companies on the implementation of sustainable entrepreneurship. Moreover she worked as part-time professor since 1990. She was also member of various (inter) national advisory boards of the government, industry and non-profit organisations.

**Hohnen P.**



**Independent Consultant**

Paul Hohnen has worked intensively since 1975 on a range of global economic, development and environmental issues as a diplomat, international civil servant, Director of Greenpeace International, and Strategic Director of the Global Reporting Initiative (GRI). Now an independent consultant, his clients include governments, intergovernmental agencies, business and non-profit organizations

**Leuenberger, H.**



**Director, Environmental Management Branch United Nations Industrial Development Organization (UNIDO)**

Mr. Leuenberger coordinated the redesign and strengthening of the global joint UNIDO-UNEP Resource Efficient and Cleaner Production (RECP) programme and is also currently involved in the design, formulation and implementation of the UNIDO Green Industry Initiative. Furthermore, Mr. Leuenberger lectures a postgraduate course at the Federal Institute of Technology (ETH) in Zurich, Switzerland. Prior to joining UNIDO, Mr. Leuenberger served as Chief Technical Adviser for the Vietnam Cleaner Production Centre, the Cleaner Production Programme of Lao PDR, and the Kingdom of Cambodia at the Hanoi University of Technology. Mr. Leuenberger holds an MSc and a PhD in Chemistry, both from the Federal Institute of Technology (ETH) in Zurich, Switzerland.

**RADKA, M.**



**Chief, Energy Branch, UNEP**

Mark Radka heads the UN Environment Programme’s Energy Branch, where he is responsible for managing UNEP’s efforts to link the global energy and environment agendas. UNEP’s work in this area focuses on reducing emission of greenhouse gases through greater use of renewable energy and improved energy efficiency, with a special focus on promoting engagement by the financial sector in the sustainable energy sector. Mr. Radka has a special interest in the technology needs of developing countries, and was a coordinating lead author of the IPCC’s Special Report on Methodological and Technological Issues in Technology Transfer. Mr. Radka received a MA in Public Policy degree in Environmental Policy from Harvard University’s Kennedy School of Government, where he was a Kennedy Fellow. He also received a M.S. degree in Environmental Engineering from the University of California at Berkeley, and a S.B. in Civil Engineering from the M.I.T.

## Plenary Session 3 – Planning for Sustainable Cities

**Bet-Hazavdi, E.**

**Director of the Department of Energy Conservation and Smart Cities**



Eddie Bet-Hazavadi has been working for the Israeli Ministry of Energy and Water Resources since May 1986. He currently served as the Director of the Department of Energy Conservation and Smart Cities. He is an expert on energy efficiency, energy conservation and policy planning, including the legal aspect of energy regulation standards. His latest project is on implementing a 2020 energy master plan in Israel to reduce 20% of electricity consumption in Israel. He is a member and also leads a number of committees such as the FP at the National Green Building Committee, the Energy forum of the S. Neaman Institute (for advanced studies & technologies) at the Teknion, IRP forum at the Israel Electric Company, Head of the Ministerial Committee for Energy Efficiency, Head of Ministerial Committee for Smart cities, Head of the Israeli delegation for ISO/TC 257 and the High Energy Commissioner by the Israeli Law.

**Clos, J.**

**Executive Director, UN Habitat**



Appointed Executive Director of the United Nations Human Settlements Programme (UN-HABITAT) at the level of Undersecretary-General by the United Nations General Assembly, Dr. Joan Clos took office at the Programme's headquarters in Nairobi, Kenya on 18 October 2010. He is a medical doctor with a distinguished career in public service and diplomacy. He was twice elected Mayor of Barcelona serving two terms during the years 1997-2006. He was appointed Minister of Industry, Tourism and Trade of Spain (2006-2008) under President Jose Luis Rodriguez Zapatero. From 1990 to 1994 he was Deputy Mayor in charge of Finance and Budgeting, playing a key role during the 1992 Olympic Games in Barcelona. At the international level, in 1998 he was elected President of Metropolis, the international network of cities. Two years later, he was elected President of the World Association of Cities and Local Authorities, (WACLAC). Between 2000 and 2007, he served as Chairman of the United Nations Advisory Committee of Local Authorities, (UNACLA). And between 1997 and 2003, he was member of the Council of European Municipalities and Regions, (CEMR).

**Huckestein, B.**

**Senior Manager Energy and Climate Policy at BASF SE**



Dr. Brigitta Huckestein is working as Senior Manager Energy and Climate Policy at BASF SE. She is active in several industry and chemical associations on international and national level, e.g. ICCA, Cefic, BDI. Before joining BASF's Communication and Government Relations departments, she initiated, led and accompanied a range of technical, communication and advocacy projects on plastics sustainability, recycling and energy efficiency of plastics in various functions in the plastics department. Brigitta studied Chemistry and joined BASF's plastics research laboratory in 1991.

**Lakovits, C.**



**Advisor at the Austrian Federal Ministry of Finance and desk officer for the Inter-American Development Bank and the Austrian Development Bank**

Carina Lakovits is advisor at the Austrian Federal Ministry of Finance and desk officer for the Inter-American Development Bank and the Austrian Development Bank. Her main focus areas include sustainable urbanization and private sector development. She previously worked for international organisations in Liberia. She graduated from the School of International and Public Affairs at Columbia University and holds a Bachelor degree from Cambridge University.

**Liberhan , R.**



**Director, India Habitat Centre (IHC), New Delhi, India**

Raj Liberhan currently Director, India Habitat Centre (IHC), New Delhi, India, served in the Government of India's financial services for thirty years, before moving to the non-governmental sector to head the IHC. He has varied experience with a significant range of responsibilities at the senior level in government, public sector and NGO environments, building and sustaining organisations, programmes and missions with sector specific objectives and services. As Chief Executive of the India Habitat Centre, for the last fifteen years, he has helped create a unique institutional mechanism where various professions and institutions dealing with different facets of habitat function, interact, and attempt to resolve habitat related problems in a coordinated manner; and cooperate and collaborate with other national or international institutions.

**Madreiter , T.**



**Director of Planning of the City of Vienna**

Thomas Madreiter worked after his studies, for one year as an assistant at the Institute of Public Finance and Infrastructure Policy at the Vienna University of Technology (Prof. Wilfried Schönböck). From 1995 to 2001 he worked in the urban development of Vienna with the focal point Management of urban development processes. From 2001 to 2005 assistant to the Vice Mayor and Vice-Governor, Executive City Councillor for Finance, Economic Affairs and Vienna Public Utilities of Vienna, Dr. Sepp Rieder. From And from 2005 to 2013 Head of the department for Urban Development and Planning in Vienna. In 2011, he served as the interim Head of the Department for Energy planning in Vienna. Since January 2013 Director of Planning of the City of Vienna.

**Marré, F.**



**Head of the Division for Water, Energy, Urban Development and Geosciences Sector at the German Federal Ministry for Economic Cooperation and Development (BMZ)**

Franz Marré is head of the Division for Water, Energy, Urban Development and Geosciences Sector at the German Federal Ministry for Economic Cooperation and Development (BMZ). After joining the Ministry in 1989, he occupied different positions in the Ministry a.o. as Head of Southeast Asia section and Senior Desk officer for Indonesia and Regional Asian Cooperation (2001 – 2007), deputy head of the Organization division (1998 – 2001), and deputy head of the Latin America West section, responsible for co-operation with Peru, Ecuador and Colombia (1993 - 1994). 1991 to April 1992 he was seconded to the Inter-American Development Bank (IDB) in Washington, D.C., USA, as assistant at the European Constituency's office and temporarily as Alternate Executive Director at the Interamerican Investment Corporation (IIC). After his bar exam in 1987 and before joining the BMZ Franz Marré worked as a part time assistant at the University of Bonn (Institute for Public International Law) and as a free lance at the radio stations Westdeutscher Rundfunk (WDR) and Deutsche Welle.

Pontes, M.

**Astronaut Brazilian Space Agency and UNIDO Goodwill Ambassador**



Marcos Pontes is one of the most experienced jet pilots in the Brazilian Air Force. In 1998, he was selected by the Brazilian Space Agency to train to be an astronaut. On March 30 2006, Pontes became the first Brazilian and the first native Portuguese-speaking person to go into space, where he stayed on the International Space Station for a week. During his trip, he carried out eight experiments selected by the Brazilian Space Agency. Although from a poor background, growing up in the suburbs of Sao Paulo, he achieved his childhood dream of becoming an astronaut by completing his elementary education and then undertaking professional skills training that enabled him to commence subsequent studies in aeronautical technology and engineering. On accepting his appointment as a UNIDO Goodwill Ambassador, Pontes said, "Looking from space, earth is a unique and beautiful planet. We have seven billion people trying to live with some quality on this wonderful blue home, but that will not be possible if we try it selfishly. We need to get together and prepare the new generation to be citizens of one world. UNIDO can help in this challenge, and I am honoured to accept the nomination to cooperate as UNIDO Goodwill Ambassador for a better future on earth."

## Parallel Session 1 – Energy Access

Dictus, J.

**Expert on Sustainable Development of Cities**



Jan Dictus (Nationality Dutch, living and working in Austria since 2000) is an expert on sustainable development of cities. He was involved in several EcoCity projects, and most recently in a European project on energy efficiency in social housing. He is specialised in Peer Reviews for cities. Since 2012 he is a member of the Expert Panel for the European Green Capital Award.

Engshuber, W.

**PRI Advisory Council Chair**



Wolfgang Engshuber has been PRI Advisory Council Chair since January 2011. He is also part of the Sustainable Energy for All High Level Group and an ex officio Board member of the UN Global Compact. After a career spanning 25 years, he retired from his executive position at Munich Re in October 2011. Dr. Engshuber earned his Masters of Law Degree in 1982 and a Ph.D. in Economics in 1986, both from the University of Munich.

Kelly M.

**Director of Market Development World LP Gas Association (WLPGA)**



Michael Kelly has joined the World LP Gas Association (WLPGA) in October 2006 as the Director of Market Development. With extensive international experience in environmental policy, public affairs and communications, US born Michael has focused on the interface between business, governments and civil society. He was previously policy manager for Environment & Energy policy portfolio at the International Chamber of Commerce (ICC) in Paris where he coordinated business delegations at UN negotiations on environment, energy, climate change and sustainable development. He was made Deputy Managing Director of WLPGA in May of 2010. An international Affairs Masters graduate from the George Washington University in Washington DC, he is fluent in four languages and has worked professionally in the US, Japan, Taiwan, Italy

**Modi, V.**

**Professor of Mechanical Engineering at Columbia University**



Vijay Modi is leading the Earth Institute's efforts that cut across energy, rural infrastructure and development. He is Professor of Mechanical Engineering at Columbia University. He earlier led the UN Millennium Project (MP) effort on the role of energy and energy services in reaching the Millennium Development Goals (MDG's).

**MONGA, P**

**Director, Energy and Climate Change Branch, UNIDO**



An energy expert with over 30 years of professional experience in the field of energy policy, strategic planning and technology transfer issues, Dr. Pradeep Monga leads UNIDO's energy and climate change team focusing on technical cooperation, policy planning and partnerships and networks. Prior to joining UNIDO in 2001, Dr. Monga worked on senior positions in the Government of India, and undertook several international assignments with UNDP, FAO, World Bank and other multi/bi-lateral organizations including WRI and TERI. He has presented technical papers in over 40 international seminars and workshops in the field of energy, environment and sustainable development. Dr. Monga has three masters to his credit, and has obtained Ph.D from India in the field of energy policy planning and rural energy. This was followed by post doctoral Fulbright Fellowship at the University of Washington, USA.

**VAN LEEUWEN, R.**

**Senior Director, Energy and Climate Team, United Nations Foundaton**



Richenda Van Leeuwen has joined the UN Foundation as Senior Director in 2010 to lead its work on global energy access, working with the United Nations on the "Sustainable Energy for All" Initiative and the first UN Year on addressing energy poverty in 2012, the "International Year of Sustainable Energy for All," drawing attention to and action towards solutions supporting global energy poverty, energy efficiency and scale up of renewable energy. Mrs. Van Leeuwen currently serves on the board of SELCO India, a leading renewable energy social enterprise, and advises a number of RE companies and NGO's globally working particularly on energy solutions for Base of the Pyramid populations. She holds both Bachelor's of Science and MBA degrees from the University of Durham, UK.

**Mayer-Tasch , L.**

**Energy Advisor, GIZ**



Lucius Mayer- Tasch is a political scientist working for GTZ since 2005. He spent three years in headquarters, where he was part of the management unit of the EUEI Partnership Dialogue Facility (EUEI PDF) and managed energy policy projects in different African countries. In 2008 he joined GTZ's Promotion of Renewable Energy and Energy Efficiency Programme (PREEEP) in Uganda as coordinator of the rural electrification component. In the field of rural electrification PREEEP is focusing on solar PV market development, electrification of social institutions and micro hydropower among others. Lucius is also coordinating GTZ's contribution to a joint study with ESMAP on productive use of electricity. The study is called Income Generation through Energy and Complementary Services (INGENS) and includes case studies in three countries of sub-Saharan Africa.

**Robinson, M.**



**UN Special Envoy for the Great Lakes Region of Africa**

Mrs. Robinson brings with her more than four decades of political and diplomatic experience, including as President of Ireland from 1990 to 1997 and as a member of the Irish Senate from 1969 to 1989. She also has considerable international experience, most notably as United Nations High Commissioner for Human Rights from 1997 to 2002. Mrs. Robinson continues to serve as President of the Mary Robinson Foundation-Climate Justice, a centre for thought leadership, education and advocacy on the struggle to secure global justice for those many victims of climate change who are usually forgotten. From 2002 to 2010, Mrs. Robinson led the organization Realizing Rights: The Ethical Globalization Initiative, the core activities of which included strengthening women’s leadership and encouraging corporate responsibility. Internationally renowned for championing human rights, she is a member of the Elders and serves on the Board and Prize Committee of the Mo Ibrahim Foundation.

## **Parallel Session 2 – Energy Efficiency**

**De Buen, O.**



**Director-General of the National Commission for Energy Efficiency (CONUEE), Ministry of Energy, Mexico**

Odón de Buen is currently the Director-General of the National Commission for Energy Efficiency (CONUEE), which is a decentralized administrative organization of the Ministry of Energy. He has a bachelor’s degree in engineering from Mexico’s National University (UNAM) and Master of Science degree on Energy and Resources from the University of California at Berkeley. From 1995 to 2003, he was the General Director of the National Commission for Energy Conservation of México (CONAE) where he led the implementation of more than a dozen energy efficiency standards, and PEMEX, led the Energy Efficiency group of the North America Energy Working Group (NAWEG) and began the promotion for the establishment of state energy agencies in México. Through his company, ENTE Sc, he collaborated with the Interamerican Development Bank, the World Bank, the USAID , the International Copper Association, and the UNDP, and the IEA .

**Gomez-Echeverri , L.**



**Associate Director of the Global Energy Assessment, IIASA**

After over 30 years in a variety of senior positions with the United Nations, Mr. Luis Gomez-Echeverri has been for five years at the International Institute for Applied Systems Analysis – IIASA – in Austria, where he was the Associate Director of the Global Energy Assessment. Upon completion of the GEA, he is now a Senior Research Scholar at IIASA. He is also currently a Senior Advisor to Sustainable Energy for All – an initiative of the UN Secretary General. In 2013, Mr. Gomez-Echeverri was responsible for overseeing the start-up of the SE4ALL programs of action throughout the developing world – over 70 countries and is now supporting the development of programs of action. In his last fifteen years with the United Nations, Mr. Gomez-Echeverri occupied a number of senior positions. In 1992, and working with the Executive Office of the UN Secretary General, Mr. Kofi Anan, he was the Team Leader of a group of some 200 authors who prepared the “Frameworks for Action” in the areas of water, energy, health, agriculture, and biodiversity for the Johannesburg Conference on Sustainable Development.

**Hopkins, M.**

**Director of International Energy Efficiency United Nations Foundation**



Mark is an internationally recognized expert in energy efficiency with 40 years of experience in policy reform and program development. Mark is the former Executive Vice President and chief Operating Officer of the Alliance to Save Energy. Areas of expertise include: building codes, appliance standards and Energy Star; building design and upgrade, government facility energy management and energy saving performance contracting; and utility regulatory reform and industrial energy productivity. In the early 1990s, he created the Alliance's international program that helped to improve energy efficiency in 25 transitional and developing countries, especially in the areas of district heating, municipal energy management and in water and wastewater systems. More recently in the private sector, he developed a new clean energy business model for Lockheed Martin Corporation. He directs the UN Foundation's efforts to incorporate strong energy efficiency commitments into international agreements and helps countries deploy energy efficiency through the UN's Sustainable Energy for All initiative. He is a Member of the Board of Directors and Treasurer of CLASP, the Collaborative Labeling and Appliance Standards Program, the ClimateWorks international best practice hub. Mark is currently organizing a Global Partnership for Energy-Efficient Buildings.

**Oesterreicher, D.**

**Head of the business unit Sustainable Building Technologies of the Austrian Institute of Technology**



Doris Oesterreicher is Head of the business unit Sustainable Building Technologies in the Energy Department of the Austrian Institute of Technology. Her research work mainly concentrates on areas related to integration of energy efficiency and renewable energy systems in architecture and urban planning for international as well as national projects. Before joining AIT in Vienna in 2006, Doris worked over 8 years overseas, mainly as an Environmental Designer in London, providing consultancy for a number of signature innovative low energy buildings. Her work in this field focused in simulation in the field of energy efficiency and daylight modelling as well as integrative measures for architecture and HVAC concepts. She has worked as an Architect for a well known architectural practice in London as well as with Architects in Massachusetts, USA and Vienna, Austria. She lectures in the field of energy in architecture and serves as expert and juror for architectural critics. Doris is a qualified Architect in Austria and the UK, she holds a DI in Architecture from the Vienna University of Technology and a MSc in Architecture, Advanced Environmental and Energy Studies from the University of East London.

**Ploutakhina, M.**

**Chief of Energy Efficiency Unit, UNIDO**



Marina Ploutakhina is Chief of the Energy Efficiency Unit at the United Nations Industrial Development Organization (UNIDO). In this capacity, she manages technical assistance projects and programmes involving industrial energy efficiency and renewable energy. Previously, Marina served in the UN Secretariat in New York and in the United Nations Environment Programme (UNEP), working on environmental and economic issues pertaining to sustainable energy and climate change. More recently Marina was directly engaged in managing the activities of the Secretary-General Advisory Group on Energy and Climate Change (AGECC) and those of the Sustainable Energy for All Initiative. She holds a postgraduate M.Sc degrees in economic policy and planning from the University of Bradford, UK and an MIA degree in economic development and international affairs from Columbia University, USA.

Shah, J.V.

**Executive Director of the Institute for Industrial Productivity**



Jigar Shah is responsible for facilitating the goal of energy efficiency and GHG reductions in industry. His duties include the development of an effective global organization that engages with decision-makers in both government and private sectors, communication of IIP's vision and goals to external audiences, interaction with the board on budget, strategy and progress, and oversight of teams in Washington DC, Paris, New Delhi and Beijing. Jigar has over 25 years of experience in Energy Efficiency and Cleaner Production in the manufacturing sector. Prior to joining IIP he was at the International Finance Corporation (the World Bank Group) and was responsible for developing a worldwide program for Cleaner Production in IFC's Climate Change Practice to assist clients in undertaking climate friendly investments in energy efficiency, water management, and resource conservation. His work history includes: Engineer for a major oil company, Consultant to Utilities, Chemical and Petroleum companies, Energy Manager for aluminum plants in Russia, and Head of London Office for an international energy consultancy. Jigar has a PhD in Chemical Engineering and has taught graduate courses in Sustainable Energy as an Adjunct Professor at McMaster University, Canada, and George Washington University, Washington DC.

Shropshire , D.E.

**Section Head of Planning and Economic Studies Section, IAEA**



Mr. David E. Shropshire joined the IAEA as Section Head of the Planning and Economic Studies Section (PESS) in Dec. 2012. Current research interests include Small and Medium-Sized Reactors (SMRs) and integration of nuclear with other energy systems. Research support over the past three years was provided to the European Commission Joint Research Centre (Netherlands), Pacific Northwest National Laboratory (Washington), and BSU's Energy Policy Institute (Idaho). Previously, he worked at Idaho National Laboratory where he led research on the cost of GenIV reactors and participated on the GenIV Economic Modeling Working Group. He performed modeling and analysis of advanced nuclear fuel cycles and developed DOE's Advanced Fuel Cycle Cost Basis report. He has also contributed to several OECD Nuclear Energy Agency economic and modeling studies. Mr. Shropshire published over 60 technical papers & reports on energy-technology modeling and economic/decision analysis. He is a registered Professional Engineer and was past Chair of the Idaho Section of the ANS.

## Parallel Session 3 - Renewable Energy as a Tool for Sustainable Development

LINS, C

**Secretary General, European Renewable Energy Council**



Christine Lins was appointed Secretary General of EREC in April 2001. Ms. Lins has more than 14 years of working experience in the field of renewable energy sources. Before moving to Brussels in 2001 she held the post of Project Manager at O.Ö. Energiesparverband (regional energy agency promoting energy efficiency and renewable energy sources) for international projects. She is a graduate of the University of Linz (Austria) in international economics and applied languages, with a specialization in marketing.

**H.E. Opoinger-Walchshofer, B.**



**Managing Director, Austrian Development Agency**

Ms. Brigitte Opoinger-Walchshofer studied trade economy at the University of Vienna and continued her studies at the Diplomatic Academy of Vienna. 1983 she started her career in the foreign service. From 1994 to 1997 she led the department for Sub-Saharan Africa. From 1998 bis 2000 she was posted in London. In August 2001 she was appointed Ambassador in Addis Abeba until August 2005. She was head of the Austrian Development Agency from 2007 to 2011.

**Hiller M.**



**Director General of Renewable Energy and Energy Efficiency Partnership (REEEP)**

Appointed Director General of REEEP since December 2011. He has 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. Prior to joining REEEP, Martin had a distinguished career with the World Wide Fund for Nature (WWF) where for 8 years he led campaigns and communications in the global climate and energy programme. Prior to that, he established the first EU-specific communications operation for any environmental NGO in Brussels, developed WWF's European communications operations, and created the first EU-specific policy campaigns. Martin Hiller is also founding President of the Board of the Gold Standard Foundation, the world's prime quality carbon offset provider.

**Kappiah, M.**



**Executive Director, ECREEE**

Mr. Mahama Kappiah was Head of the ECOWAS Energy Division for Energy Access and Renewable Energy and the Conventional Energy Division. Some of his achievements include the creation of the West African Gas Pipeline Project, the founding of the West African Power Pool and the regional electricity regulation authority. Moreover, he was involved in the establishment of the regional program on access to energy services and the creation of the ECOWAS Regional Centre for Renewable Energy and Energy Efficiency. Prior to joining the ECOWAS Commission, he worked with the Volta River Authority (VRA) of Ghana for a period of fifteen years, where he served in various capacities from Electrical Engineer to Manager of the transmission planning unit.

**Masera, D.**



**Chief of Unit Renewable and Rural Energy Unit, UNIDO**

Diego Masera has worked in the promotion and development of Renewable Energies and Appropriate Technologies in Africa for over ten years. He has received a PhD in England, for the development of a sustainable industrial model based on the utilization of renewable energies, carbon sequestration and poverty reduction. Diego Masera worked for five years as a Regional Coordinator for the Industry, Technology and Economics Programme of UNEP in Latin America and the Caribbean. During this time he promoted cleaner production, renewable energies, energy efficiency and climate change mitigation in the region. More recently, Diego Masera worked as Climate Change Regional Coordinator for Latin America and the Caribbean in the United Nations Development Programme, with project portfolio of Renewable Energy worth 240 million dollars. Diego Masera is currently the Unit Chief of the Renewable and Rural Energy Unit of UNIDO, based in Vienna. Diego Masera is the author of several articles and books on Climate Change, Renewable Energy and Sustainable Production and Consumption. He is also a Smart Wood and Forest Stewardship Council (FSC) certifier for sustainable forests.

**Samek, J.**

**Director General, ITAIPU Binacional**



Jorge Samek is the Director General of Itaipu Binacional. He is an agronomist and studied at the Federal University of Paraná. In 1994 he was a candidate for governor of Paraná. In 2002 he was elected congressman. He served as chief of staff of the Department of Agriculture in the government of José Richa, and was secretary and president of the management of the then Mayor Roberto Requiao. He currently holds the directorate general of Itaipu hydroelectric, post this since 2003.

**Traupmann, P.**

**Managing Director, Austrian Development Agency**



Energy expert Peter Traupmann was born in Güssing (Burgenland) in 1962. He has over 20 years experience in energy related subjects, in particular with strategic development and support of sustainable concepts and projects in the field of renewable energies. Since 2011 he acts as the Managing Director of the Austrian Energy Agency.

## **Parallel Session 4 – Technology Transfer and Innovation**

**El-Arini, O**

**Honorary Chief Officer, Multilateral Fund Secretariat**



Omar El-Arini was the first Chief Officer of the Multilateral Fund, from 1991 to 2003. His service to the Fund included the establishment and leading a highly professional Secretariat that supported the articulation of the Fund's policies and procedures for operationalization of the incremental costs concept, facilitation of transfer and adoption of new technologies to developing countries, promotion of sectoral approaches for ODS phase-out and the introduction of the compliance oriented model for the Fund business planning, and replenishment. A national of Egypt, with a Ph.D. from Imperial College, he is currently a member of the board of the Egyptian Environmental Affairs Agency, and a board member of the UNFCCC Green Climate Fund.

**DE SANTI, G.F.**

**Director of the Institute for Energy and Transport Joint Research Centre (JRC) European Commission (EC)**



Since 1985 employed at the Joint Research Centre (JRC) of the EC, where he developed his professional expertise by managing projects and groups of experts in the fields of energy, transport, mechanical/nuclear engineering, environmental science, and management. In 2007 he was nominated as Director of the Institute for Energy (IE) of the JRC based both in Petten (The Netherlands) and Ispra (Italy). Dr De Santi is responsible for the coordination and management of key energy and transport activities within the European Commission and in the frame of international co-operation between Europe and key stakeholders both in the research and industrial sectors from third countries. He is member of Steering Committee and Governing Board of numerous European initiatives such as the European Strategic Energy Technology – Plan, the Hydrogen and Fuel Cell Joint Technology Initiatives, European Technology Platforms (solar energy, Biofuels, etc.), the USA-Europe Energy Council., as well as chairman of international Task Forces UNECE-TF for the standardization of heavy duty transport emissions, etc. He is author of many peer reviewed publications in high level scientific journals and Chairman of many international conferences.

**Krause, M.**

**Team Leader for UNDP's Environment, Climate and Energy Portfolio in the Europe and CIS region**



Currently based at UNDP's Regional Centre in Bratislava. His main areas of expertise include climate policy and finance, energy access and renewable energy, environmental planning and programme cycle management. Mr. Krause works closely with government partners facilitating access to environmental funding sources, assisting in preparing and implementing green, low-emission and climate resilient programmes, supporting policy dialogues, and sharing knowledge. Mr. Krause is leading a team of technical experts who provide technical and policy services to clients and partners in the ECIS region. Martin has over 18 years of experience as an expert and advisor on climate change, environment and energy as well as project planning and management. Martin has worked and lived in Asia, Africa, Latin America and the UNDP headquarters in New York. He received a post-graduate degree in development policy from the German Development Institute (1994) and his Master Degree from the Free University of Berlin majoring in Social and Economic Geography (1993). Prior to that he received his honors degree in Political Sciences.

**Rodgers, D. E.**

**Senior Energy Specialist at the Global Environment Facility (GEF)**



Mr. Rodgers is a Senior Energy Specialist at the Global Environment Facility (GEF) with a portfolio emphasizing energy efficiency, renewable energy, and other clean energy projects and programs. Mr. Rodgers also has the lead for GEF's private sector strategy and manages the GEF private-sector set-aside, including the GEF-UNIDO Cleantech Programme for SMEs. Prior to his secondment to the GEF, Mr. Rodgers served with the United States Department of Energy in Washington, DC, for 20 years, rising to the position of Deputy Assistant Secretary. During his career at the Department of Energy, Mr. Rodgers has extensive technical and managerial experience with regulatory development, research and development, deployment and commercialization, partnership development, business systems, and planning and analysis. Mr. Rodgers has received degrees in chemical engineering and computer science from Washington University in St. Louis, and a masters in public management from the University of Maryland. He is a former Presidential Management Fellow. In the private sector, Mr. Rodgers has experience in the chemical, petroleum, and information technology sectors.

**Sidi Menad Si Ahmed**

**Director of the Montreal Protocol Branch (UNIDO)**



Mr. Si Ahmed is a Meteorologist specialized in numerical forecast .Post graduation on atmospheric pollution, Ecole Polytechnique Federale de Lausanne.Before joining UNIDO, Director on environmental studies, Ministry of Environment in Algeria.Fellowship for research on numerical models for meteorological forecast. University teacher on Environmental Impact Assessments Since 2004, Director of the Montreal Protocol Branch (UNIDO)

**Teske, S.**

**Director Renewable Energies, Green Peace**



Sven Teske holds a diploma in engineering from the Univeristy of Wilhelmshaven, Germany. From 1994 to 1995 he was Sceintific Advisor Unit at Greenpeace. As Renewable Energy Campaigner he was responsible for the development of renewable energy campaigns and renewable energy policies development, esp. feed-in laws and liberalization of electricity. Since 2004 he is Director for the Renwable Energy Campaign Green Peace Germany and since 2009 for Green Peace International.

## Plenary Session 4 – Financing the Energy Future We Want

Hasan, F.



**Director of Corporate Planning & Economic Services at the OPEC Fund for International Development (OFID)**

Faris Hasan is OFID's Sherpa to the Sustainable Energy for All Initiative of the UN Secretary General. His operational experience of financing development projects for 10 years spanned a number of countries spread over Africa, Europe and the Caribbean. His previous energy related experience includes 8 years in analyzing energy markets, as well as over 14 years as a designer and manager of energy projects. He holds a B.Sc. in Chemical Engineering, and a M.Sc. in Combustion Science and Environmental control, both from Sheffield University, U.K.

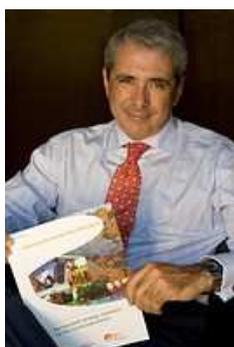
KESSEL-Martinez, G.



**Former Secretary of State in the Ministry of Energy of Mexico**

Ms. Georgina Kessel has a Degree in Economics from the Instituto Tecnológico Autónomo de México, and Master of Arts and Ph.D. in Economics from Columbia University in New York. Georgina Kessel has extensive experience in the energy sector, having been Secretary of State in the Ministry of Energy of Mexico (Sener) between 2006 and 2011, years that also held the positions of president of the Board of Directors of two major corporations: Petróleos Mexicanos (PEMEX) and the Comisión Federal de Electricidad (CFE). Georgina Kessel was the first President of the Energy Regulatory Commission (CRE) in Mexico. She was General Director Nacional de Obras Y Servicios (BANOBRAS), development bank mainly dedicated to finance infrastructure projects, member of the board of directors of Nacional Financiera (NAFIN) and the National Foreign Trade Bank (BANCOMEXT) adviser to the President of the Federal Competition Commission (CFC), head of the Unidad de Inversiones y Desincorporación de Entidades Paraestatales of the Ministry of Finance and Public Credit of Mexico, and she was CEO of the Mexican Mint. In the academic field, she has been a professor in the Economics Department of the Instituto Tecnológico Autónomo de México (ITAM). She was also the Chair of Quintana for Research in International Business and the author of numerous essays and scholarly articles.

Macias, E.



**President, Alliance for Rural Electrification**

Mr. Ernesto Macias is the President of Alliance of Rural Electrification based in Brussels. He is Steering Committee Member of REN 21 (Renewable Energy Policy Network for the 21st Century) and International Relationships Manager of Spanish Renewable Foundation. Further he is the CEO of Wonder Energy a Consultancy Company.

Yuan , W.



**Senior Advisor at Central Development Bank China**

From 1990 to 2006, Wang Yuan worked as the Economic Officer at the World Bank, Director of International Department of the Central Bank of China and China Policy Advisor in Hong Kong Securities and Futures Commission. Since 2007, as an authoritative scholar of economy and finance, Wang Yuan served as the first Chief Economist of CDB, now she serves as a senior advisor of CDB.

Rodgers, D.



**Senior Energy Specialist, Sustainable Energy Department, World Bank**

David Rodgers, a US national who joined The Climate and Chemicals as a Senior Energy Specialist with a portfolio emphasizing energy efficiency, renewable energy, and other clean energy projects and programs. Prior to joining the GEF, David served with the United States Department of Energy in Washington, DC, for 20 years. David has received degrees in chemical engineering and computer science from Washington University in St. Louis, and a Masters in public management from the University of Maryland. He is a former Presidential Management Fellow. In the private sector, David has experience in the chemical, petroleum, and information technology sectors.

## Plenary Session 5 - Private Public Partnerships

Maier, G.



**Managing Partner, MG Energy**

Günter Maier is Founder and Managing Partner of MG Energy+ and has more than 10 years of experience in managing teams, projects and acquisitions in conventional- and renewable energy. Prior to founding MG Energy+, Mr. Maier was heading up OMV's Renewable Power business dealing with wind-, hydro-, and solar power and has worked in a number of regions, including South Eastern Europe, Turkey and MENA. He holds a PhD from the University of Leoben, Austria and an MSc on renewable energy from the Technical University of Vienna, Austria.

PACHAURI, R



**Chair, Intergovernmental Panel on Climate Change**

Dr. Rajendra Kumar Pachauri is the Chair of the Nobel Peace Prize-winning Intergovernmental Panel on Climate Change (IPCC). He is also Director General of The Energy and Resources Institute (a major independent research organisation providing knowledge on energy, environment, forestry, biotechnology, and the conservation of natural resources) and Director of Yale Climate and Energy Institute. He is a prominent researcher on environmental subjects, recognised internationally for his efforts to build up and disseminate greater knowledge about man-made climate change and to lay the foundations for the measures that are needed to counteract such change

**PODOBNIK, J.**



**Acting Director General of ICPE International Center for Promotion of Enterprises**

2012 Mr. Podobnik was nominated to the post of Acting Director General of ICPE International Center for Promotion of Enterprises, an intergovernmental organization with headquarters in Ljubljana. He has served as a doctor at the ambulance stations in Cerkno and Idrija. After that became the Mayor of Idrija. Then a member of the first National Assembly of the Republic of Slovenia. Following the post as Mayor of Cerkno. Elected later as President of the National Assembly of the Republic of Slovenia. And various other International posts such as a Member of the European Parliament in 2004. In 2004, he held for four year the post as Minister for Environment and Spatial Planning in the Government of the Republic of Slovenia, while heading the Slovenian Presidency of the European Council of European Environment Ministers during Slovenia's presidency of the European Council in early 2008.

**Stelzer, T.**



**Assistant Secretary-General for Policy Coordination and Inter-Agency Affairs at the United Nations Department of Economic and Social Affairs**

Thomas Stelzer has been Assistant Secretary-General for Policy Coordination and Inter-Agency Affairs at the United Nations Department of Economic and Social Affairs since March 2008. Before, he was Permanent Representative of Austria to United Nations Offices in Vienna. He has held a number of diplomatic and international posts, including Special Assistant to the Executive Secretary of the CTBTO Preparatory Commission, Deputy Director of the Austrian Cultural Institute in New York and Minister-Counsellor at the Permanent Mission of Austria to the United Nations Headquarters in New York. He obtained his doctorate in law from Vienna University, a Master of Arts in Latin American Studies from Stanford University and a diploma in International Relations from the Johns Hopkins University, School of Advanced International Studies, Bologna Center

**Verhaar, H.**



**Head of Global Public and Government Affairs, Philips**

Harry Verhaar has over 20 years of experience in the lighting industry, and is Head of Global Public & Government Affairs for Philips Lighting. He is responsible for the strategy, outreach and stakeholder management on energy & climate change, resource efficiency and sustainable development, with a key focus on the role of the LED lighting revolution. He has since the end of 2003 been the architect of the lighting strategy on energy and climate change, which has resulted in a global momentum on phasing out of old lighting technologies. He is an active member of a number of partnership networks, among which The Climate Group; R20; WBCSD; World Green Building Council, and is a member of the Advisory Board of The Lisbon Council. Harry is a recipient of the 2011 UN Leader of Change Award, and has received the Carbon War Room's Gigaton award on behalf of Philips.

## Parallel Session 5 – Green Mini-Grids Africa – Sector Transformation Towards Sustainable Energy For All

Hunt, S.



**Energy Advisor at the UK Department for International Development (DFID)**

Steven Hunt is an Energy Advisor at the UK Department for International Development (DFID). His previous experience includes work in the private sector, civil society and consulting sectors on energy, technology, innovation and development. He is currently co-ordinating DFID's consultation on potential engagement in the Green Mini-grids sector in Africa.

Cooper D.



**Energy Finance Programme Manager at UNEP**

Dean Copper Energy Finance Programme Manager at the United Nations Environment Programme (UNEP), based in Paris. UNEP works to build sustainable clean technology markets, using public sector funds to attract private finance and thereby scale up investment in low carbon applications, particularly in developing countries. Prior to joining UNEP, Dean headed Parallax, a small development business based in South Africa and the UK, which worked to bring sustainable clean energy solutions to remote communities in Southern Africa. Before Parallax, Dean worked at the UK Energy Agency and the European Commission's Energy Directorate, including secondments to South Africa and Botswana to build energy development co-operation and establish closer links with the Southern Africa Development Community (SADC) Secretariat.

Anderson, R.



**Head of Section for Renewable Energy Advisory Services, Norplan**

Mr. Anderson is a development economist with experience in developing and implementing public private partnerships in infrastructure, particularly in the power sector. He brings experience from all sides of promoting and pursuing private investments in renewable energy in emerging markets in a range of countries, including Tanzania, Zambia, Liberia, Georgia and India. He has been a participant in a number of project teams dealing with power sector reform, rural electrification schemes and capacity building. Between 2008-2011, he led the establishment and implementation of Norway's largest bilateral energy program in Liberia, worth some USD120m over five years. The program has involved PPPs in both distribution and hydropower.

Theuret, P.



**Development Manager, Access to Energy Programme, EDF**

Patrick Theuret is the Access to Energy Development Manager for Électricité de France (EDF). Patrick joined EDF in 1987, where he worked within the Distribution division until 2000, mostly in the international field, in charge of Latin American activities. Patrick joined the Access to Energy team in January 2007 in charge of development, where he has been project manager in Madagascar and Senegal. Currently he is a Board member of two of their RESCO subsidiaries: Kawazulu Energy Services (KES, South Africa, in both Kawazulu Natal and Eastern Cape provinces), and Energie Rurale Africaine (ERA) in Senegal which concession area covers the regions of Kaffrine, Tambacounda and Kedougou.