

DAY 1 – February 28th

2:00 to 2:20 pm: Conference opening

- **Mathew Prempeh (Ministry of Energy, Government of Ghana)**



Matthew Opoku Prempeh, is a Ghanaian medical doctor and politician. He is a former Minister of Education and is currently the Minister for Energy. He is popularly known as Napo. He was first elected to parliament in 2008. Prior to parliament, he served as CEO of Keyedmap Security Services Limited from 2004 to 2009 and as a member of the Royal College of Physicians and Surgeons of the United Kingdom from 1999 to 2003. Prempeh obtained a Bachelor of Science (BSc) degree in Human Biology in 1992 and a Bachelor of Medicine and Surgery (MB,ChB) degree in 1995 at the Kwame Nkrumah University of Science and Technology (KNUST). After serving as a House Officer at the Okomfo Anokye Teaching Hospital from 1995 until 1997, Dr. Prempeh continued his education at the Erasmus University in The Netherlands, obtaining an M.Sc in Clinical Epidemiology in 1998. He proceeded to the United Kingdom to work, becoming a member of the Royal College of Physicians and Surgeons in Glasgow in 2002. He returned to Ghana in 2003 to pursue a career in business and politics. Dr. Matthew Opoku Prempeh was adjudged the best Minister in 2017 and 2019 and is the recipient of the 2020 Harvard Ministerial Medal of Achievement in recognition of his exemplary leadership style. He has also received 2 Honorary Doctorates from the University of Education, Winneba and the University for Professional Studies, Accra, for his leadership and achievements as Education Minister. As Minister of Energy, Prempeh is championing various major projects including, among others, the completion of rural electrification (currently 85.7%) by 2024 and relieving the energy debt stock of Ghana through the Energy Sector Recovery Programme (ESRP).

- **Ignacio Pérez-Arriaga (MIT, representing the African School of Regulation)**



MS and PhD in Electrical Engineering from MIT, and Electrical Engineer from Comillas University in Madrid, Spain. Visiting professor at MIT (2008-present). Professor at Comillas University; founder and director (1984-1994) of its Institute for Research in Technology (IIT). Professor and Director of Training at the Florence School of Regulation. Life member of the Spanish Royal Academy of Engineering. Fellow and Life Member of IEEE. Commissioner at the Spanish Electricity Regulatory Commission (1995-2000). Independent Member of the Irish Single Electricity Market Committee (2007-2012). Member of the Board of Appeal of the EU Agency for the Coordination of Energy Regulators (2011-2016). Review editor of the 5th Assessment Report of the IPCC. Director of the research team of the Global Commission to End Energy poverty (GCEEP). Consultant and lecturer in more than 40 countries. Currently researching on future trends in power systems regulation, operation, and planning, with a focus on energy access in emerging and developing economies – geospatial methods for electrification planning, business and regulatory models.

- **David Vilar (Infrastructure Program Lead for Ghana and Senior Energy Specialist, World Bank)**



Spanish mechanical and materials engineer, has been working as Energy Specialist at the World Bank since 2013 in the Africa region, working in rural electrification and access to electricity initially and in the last years in power sector reforms and utility turnaround. Currently is Program Leader for Infrastructure in Ghana, Sierra Leone and Liberia and Senior Energy Specialist based in Accra. Prior to the WB experience, David was technical advisor to the ECOWAS Center for Renewable Energy and Energy Efficiency (ECREEE) for three years, advising ECOWAS Governments and utilities on RE investments, regulation, policies and knowledge/data sharing as well as capacity building capacity building. From 2005 to 2010, David worked with Engineer Without Borders in Peru, Ecuador, Bolivia and Mozambique leading implementation of electrification and access to basic services projects in rural areas.

- **Robert Stoner (MITI and Global Commission to End Energy Poverty)**



Robert Stoner is the deputy director for science and technology at the MIT Energy Initiative (MITEI), founding director of the MIT Tata Center for Technology and Design, and faculty co-director of the MITEI Low-Carbon Energy Center for Electric Power Systems. He is currently a member of the MIT Energy Council, the Science and Technology Committee of the U.S. National Renewable Energy Laboratory (NREL), the Aspen Institute's US-India Track-II Dialogue, and the Rockefeller Foundation-funded Global Commission to End Energy Poverty on which he serves as secretary. Stoner is the inventor of numerous computational and ultrafast optical measurement techniques, and has led successful technology firms in the semiconductor, IT, and optics industries. From 2007 through 2009, he lived and worked in Africa and India while serving in a variety of senior roles within the Clinton Foundation, including as the CEO of the Clinton Development Initiative, and director of the Clinton Climate Initiative for Africa. His present research at MIT focuses on energy storage technology and policy, and the design and optimization of energy systems and business models in the developing world. He earned his Bachelor's degree in engineering physics from Queen's University and PhD from Brown University in condensed matter physics.

- **Grégoire Jacquot (MIT)**



Grégoire Jacquot serves as a senior advisor to the French Presidency and as a researcher at the MIT Energy Initiative on energy policy and infrastructure finance. Grégoire has substantial experience in development policy and finance. He worked as Chief Strategy Officer of Cameroon's leading pay-as-you-go solar company before transitioning to power sector reforms and the development of national electrification programs at MIT. He also served as a strategic analyst on energy access policy at the French Development Agency (AFD) and as advisor to the Head of the Incident & Emergency Center at the International Atomic Energy Agency (IAEA). Grégoire graduated from MIT and Ecole des Mines (Paris).

INTRODUCTION TO CONCESSIONS: LEARNING FROM PAST AND CURRENT EXPERIENCES

2:20 to 2:30 pm: Current issues in power sector reforms and universal energy access policy

- **Dana Rysankova (World Bank)**



Dana Rysankova is the Global Lead for Energy Access, providing strategic and operational guidance to the World Bank's Energy and Extractives Global Practice to scale-up its energy access interventions. In addition to this role, Dana is coordinating energy access activities at the Energy Sector Management Assistance Program (ESMAP), where among other things she is the Program Manager for Lighting Global. Dana has been at the World Bank for nearly two decades, spearheading multiple projects in Africa and Latin America and Caribbean regions, focusing on energy access and distributed renewables.

3:00 to 3:55 pm: PANEL 1 – Traditional utility concessions

- **Moderator: Anton Eberhard (University of Cape Town)**



Anton Eberhard is a Professor Emeritus and Senior Scholar at the University of Cape Town where he directs the Power Futures Lab at the Graduate School of Business. His research and teaching focuses on governance and regulatory incentives to improve utility performance, the political-economy of power sector reform, power investment challenges, and linkages to electricity access and sustainable development. Prof Eberhard is a member of the Global Commission to End Energy Poverty. He has worked in the energy sector across Sub-Saharan Africa, and other developing regions, for more than 35 years and was the founding Director of the Energy and Development Research Centre. He is a Foundation Member of the Academy of Science of South Africa. He was appointed by the President of South Africa to chair a task team to resolve serious financial and technical challenges in the national utility, Eskom, and to make proposals on the restructuring of the power sector. Previously he has served on the country's Ministerial Advisory Council on Energy, the National Planning Commission, the National Advisory Council on Innovation, and the Board of the National Electricity Regulator of South Africa. In 2012, he received the SA National Energy Association's award for outstanding and sustained contributions to the enhancement of the South African energy environment. Prof Eberhard has more than 100 peer reviewed publications to his credit including three recent books: *Independent Power Projects in Sub-Saharan Africa*; *Power Sector Reform and Regulation in Africa*; and *Africa's Power Infrastructure: Investment, Integration and Efficiency*. He has undertaken numerous assignments for governments, utilities, regulatory authorities, donor and multi-lateral agencies, banks and private sector companies.

- **Cameroon – David Alderton (ACTIS)**

David represents Actis Energy's interests in Cameroon where Actis owns 51% of the national electricity (distribution and generation) concessionaire, Eneo. As well as sitting on the utility's board and committees, David works closely with the executive team to deliver key files including: the concession extension in 2018, transfer of transmission asset back to government in 2021 and mobilising euro 150m of commercial debt to finance the company's capital expenditure plans in 2020. Previously David was strategy director for Umeme, the Ugandan electricity distribution utility where he oversaw the successful public listing of the concession in both Uganda and Kenya and the largest corporate financing to date with a US\$190m DFI/commercial package to fund essential distribution investments. Prior to joining the Actis energy team, David was an executive in the financial services team responsible for origination, coordinating DD, transaction support and portfolio management. David has a Masters in Development Economics from the University of Sussex and Bachelor in Economics from Bath University (First Class).

- **Côte d'Ivoire – Pedro Antmann (World Bank)**



Pedro is an Uruguayan mechanical engineer that graduated in 1979. He has an extensive career spanning 40 years in 5 key organizations: 13 years (2008-2021) as Senior and Lead Energy Specialist at the World Bank in Washington, D.C., USA, working in the areas of power sector institutional restructuring, regulation, tariff reform, management and operations of service utilities, electrification planning and implementation. Member of project teams in projects in more than 60 countries in all regions where the Bank undertakes operations. 8 years (2000-2008) as partner and Senior Consultant in Mercados Energy Markets International, a consultancy company specialized in institutional restructuring, regulation and management of the energy sector. Conducted projects in more than 40 countries in Latin America, Africa, Europe and Central Asia, Middle East, South Asia and East Asia Pacific in the fields of design and implementation of new regulatory frameworks, tariff setting for network industries, management of utilities (including incorporation of IT applications), rural electrification, benchmarking studies for electricity companies. 3 years (1998-2000) in the French water and sanitation company Suez Lyonnaise des Eaux as International Manager, in charge of operations in the affiliate company serving 3 million customers in Buenos Aires, Argentina. 3 years (1995-1997) in the Ministry of Industry, Energy and Mines, initially as Director of the National Board of Energy and later as deputy Minister of Industry, Energy and Mines, in charge of energy. Prepared a bill that became law in June 1997 defining a new regulatory framework for the electricity sector and conducted the process for incorporation of natural gas from Argentina (regulatory framework, issuance of concessions to private agents). 16 years (1979-1995) in the Uruguayan state-owned vertically integrated electricity company (UTE), in the areas of thermal power generation (operation of existing plants and planning and commissioning of new ones), transmission, national control center, international power exchanges, distribution and retail. Left the company in 1995 being the General Manager.

- **India – Praveer Sinha (CEO, Tata Power)**



Dr. Praveer Sinha is the CEO & Managing Director of The Tata Power Company Limited (TPC, Mumbai), India's largest integrated power utility.

Dr. Sinha has nearly 36 years of experience in Power Generation and Distribution sector in India. Prior to his present role, he had served as the CEO&MD of Tata Power Delhi Distribution Limited (TPDDL), a Public Private Partnership with Delhi Government.

He is a qualified Electrical Engineer and has done Master's in Business Law from National Law University, Bangalore. He has also done his PhD. from Indian Institute of Technology, Delhi.

He is a visiting Research Associate at Massachusetts Institute of Technology (MIT), Boston, USA and is also a distinguished Visiting Scholar at the Faculty of Engineering and Architectural Science, Ryerson University, Canada.

He is a regular speaker in various forums in India and abroad including World Bank, Niti Aayog, Massachusetts Institute of Technology (MIT) and Rockefeller Foundation.

He is also the Co-Chairman of the CII National Committee on Power as also on various Industry bodies.

- **Mali – Koffi Ekouevi (World Bank)**



Koffi Ekouevi is Senior Economist in the Energy and Extractives Global Practice of the World Bank. Over the last 24 years at the Bank, he has led energy policy dialogue, analytical work and lending activities in many countries in Sub-Saharan Africa, and in selected countries in South Asia, Latin America and the Caribbean. His main areas of concentration include energy sector reform, energy access, and regional power trade. He holds a Maîtrise es Sciences Economiques (1984) from the Université du Benin, Togo, and a Ph.D. (1992) from the University of Pennsylvania.

- **Uganda – Selestino Babungi (CEO, Umeme)**



Selestino is the Managing Director and member of the Board since March 2015. He is also a member of the Environmental Safety and Governance Committee, Customer Service and Loss Reduction Committee and Strategic Review Committee.

As the Managing Director, Selestino is responsible for the day-to-day management and operations of the Company, which includes execution of the corporate strategy to deliver results for the different stakeholders. Since 2006, Selestino previously served in different management roles including being the Chief Finance Officer from 2011 till his appointment as Managing Director. During that period, the company was listed on the Uganda Securities Exchange and cross-listed on the Nairobi Securities Exchange, raised capital to fund the \$440m capital investment for the period to 2018, and was involved in strategic regulatory negotiations including the 2012 to 2018 and 2019-2025 tariff parameter setting. Prior to Umeme, he worked at Ernst & Young Uganda for six years, in different roles in providing audit and advisory services to clients from the private and public sectors. Fellow of the Association of Certified Chartered Accountants (UK) (FCCA); Certified Public Accountant - Uganda (CPA) and Graduate of Statistics from Makerere University.

4:05 to 5:00 pm: PANEL 2 – Off-grid concessions and territorial concessions

- **Perú – Miguel Révolo (OSINERGMIN)**

Miguel Révolo is a senior energy specialist. He has participated in missions to disseminate experiences related to sector reform, universal access, rural electrification, mechanism of subsidy, off-grid and on-grid solutions in workshops carried out in Kenya, Tanzania, Uganda, Zambia, Ethiopia and Mozambique. He developed technical support for the Energy Regulatory Commission of Mexico (CRE) and for the Ministry of Mining and Energy in Colombia.

He has experience of 35 years in the energy sector, as a vice minister of electricity, manager of electric power utility; manager of electric tariffs regulation, manager of natural gas tariffs regulation at Osinergmin (the Peruvian regulatory body), professor of economic regulation in ESAN University and CIER. He obtained the following diplomas, Doctor of Business Administration-MSM (Netherlands), doctor of strategic administration-PUCP (Peru), master in the electric power industry-UP Comillas (Spain), master of philosophy-MSM (Netherlands), master in economy and regulation-UBarcelona (Spain), master of business administration - UPacifico (Peru), and electrical engineer (Peru).

- **Argentina – Ramiro Torrellas (Empresa Jujeña de Sistemas Energéticos Dispersos S.A.)**

Ramiro Torrellas is an electronics engineer, graduated from the National Technological University, Tucumán Regional.

He has 24 years of experience in the commercial management of public electricity services in the so-called Dispersed Electrical Market of the Province of Jujuy, Argentine Republic, concessioned since 1996 to the EMPRESA JUJEÑA DE SISTEMAS ENERGÉTICOS DISPERSOS SOCIEDAD ANÓNIMA (EJSED SA), in localities supplied through small power generation systems and mini distribution networks, as well as services with specific demands who are supplied with electricity through individual photovoltaic systems of various installed powers ranging from 100Wp up to 3500Wp installed, all of them located in locations of the Puna of Jujuy, the Quebrada de Humahuaca and the regions of the remote valleys, where it is not feasible that in the short or medium term it can be supplied to users the conventional electricity service through the electrical networks of the Interconnected System.

He has participated in all the Public Hearings carried out with the Provincial State (Grantor), on behalf of EJSED SA; these being the legal mechanism that establishes the current regulations, and where the revision of the service concession contract is periodically put to public consideration, among which are included the tariff chart, tariff regime, supply regulation and service quality regime with that the Concessionaire will operate in each tariff five-year period.

- **Morocco – Vincent Butin (Consultant, Burgeap)**



Vincent BUTIN is an engineer from the Ecole Supérieure de Physique et de Chimie Industrielles (ESPCI), holds a Master's degree in Energy from Paris 6 and a Certificate in Financial Management and Audit from ISCAE. Vincent BUTIN has been an expert in energy and essential public services management -electricity & water- in developing countries for 35 years. After a few years on wood gasification in India, he worked in the 90's on off-grid rural electrification pilot programs in Morocco before transitioning to the broader design of solar solutions for access to electricity and public-private partnership projects for rural electrification or rural drinking water supply under public service delegation, particularly in West Africa and Morocco, but also in Brazil and Cambodia. Vincent

BUTIN was the Chief Development Director and Chief Financial Officer of the first solar electrification concessionaire in Morocco, Temasol (16,000 customers), between 2002 and 2005. He has also assisted African Rural Electrification Agencies during their concessionaire selection process, and conducted for AFD a high-level study on universal electricity access later presented at the G5-Sahel Energy Conference. Vincent Butin was the head of BURGEAP's International Agency from 2009 to 2019, and is now its dedicated senior expert on electricity access.

- **Senegal – Manuel Luengo (World Bank)**



Over 20 years of experience leading international energy operations in private sector and international development organizations. Focus areas include clean energy transition, energy sector policy and reform, power pools, utility finance, natural gas and energy access, supported by strong engineering and financial expertise. Recognized for developing new business, building highly successful relationships with public and private stakeholders, and leading design and delivery of targeted client solutions. Cross-sector experience includes climate change, urban and water.

- **Nigeria – Pradeep Pursnani (Konexa)**

In 2019 Pradeep co-founded Konexa, a business – borne from his experience work with Shell Foundation for nine years and over 10 years in Strategy and M&A in large energy companies focussing on emerging markets – that aims to accelerate the path to SDG 7 and inclusive growth by transforming energy provision in emerging markets. Konexa is a new Integrated Utility platform that helps national Governments and utilities deliver their vision for 24/7 AC power for everyone in the country – on a far more rapid time frame.

As the former Deputy Director of Shell Foundation, Pradeep focused on energy access, sustainable mobility and SME finance across Africa and SE Asia. From 2010 to 2019 he supported a period of growth, with SF's portfolio growing from 8 companies to over 75 based on investments of over \$45m/year. In doing so, he created the largest energy access programme in the world with DFID and USAID at the time. Pradeep was responsible for key strategy, investment and operational decisions and held several board roles across the portfolio. He has developed and scaled a number of partnerships with governments, written publications and regularly leads sector wide thought pieces. Pradeep holds a BA (Hons) in International Business Management and is a Chartered Management Accountant.