

DAY 3– March 2nd

IMPLEMENTING CONCESSIONS: THE WAY FORWARD

2:00 to 2:05 pm: **Introduction and schedule of the day**

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

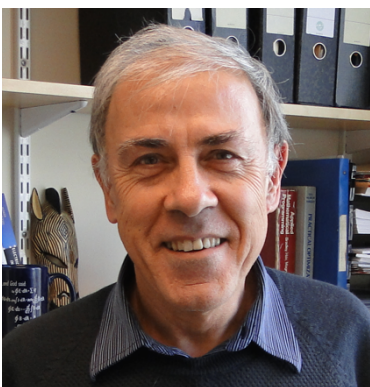


Spanish mechanical and materials engineer, has been working as Energy Specialist at the World Bank since 2013 in the Africa region, working in rural electrification and access to electricity initially and in the last years in power sector reforms and utility turnaround. Currently is Program Leader for 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.

2:05 to 2:25 pm: **Wrap-up from Day 2**

2:05 to 2:15: **Key lessons learned**

- **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.

2:15 to 2:25: Pending challenges

- **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).

2:25 to 3:45: Countries exploring future concessions: Power sector situation, lessons learned, and open issues

Moderator: Robert Stoner (MIT 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.

- **Abu Kamara, Director of Public Private Partnerships, Sierra Leone**



Mr. Abu Kamara, Director of the Public Private Partnership unit in Sierra Leone, is a seasoned Corporate Executive with extensive knowledge in PPP's, Corporate & Development finance, Capital markets, Corporate Law, International borrowing and Debt finance. With 20+ years of Executive Management experience he has gained extensive expertise in Finance and Business risk management. He possesses superior skills in operations management, sales & business development, marketing, and policy/procedure development. Excellent acumen at helping guide and grow companies, he has been successful in building and developing both start up's and Market-Leading Companies. He is an expert in Infrastructure development and International project finance, this includes the development of projects in both the United States and Africa. He supervised and managed the development of the PPP Law while hiring and developing staff capacities to support the PPP unit and initiative in Sierra Leone. Abu is a veteran financial expert. Mr. Kamara holds BSc Finance & IT, studied Capital Markets and International Finance, and holds an Executive MBA in Finance.

- **María Carolina Garzón (Energy Ministry, Colombia)**



Master's in development studies, Specialist in Planning, Management and Control of Social Development and Professional in Government and International Relations with main interest in the development of policies and projects on issues of conflict, poverty, sustainable development, human rights and social policy in vulnerable contexts.

Experience in research; and design, formulation, and management of projects with private sector and international cooperation, focused on issues of Renewable Energy, Business and Human Rights, Corporate Social Responsibility, Transparency, Integrity, and Social Innovation in Colombia.

- **Jorge Rivera Staff (Energy Secretary, Panamá)**



Jorge Rivera Staff has a degree in Law and Political Science, with a Doctorate in Administrative Law from the Complutense University of Madrid. He also has a Master's degree in Energy Law from the Higher Institute of Energy (ISE) of Spain. National Secretary of Energy of Panama since July 2019. Since that date also President of the Board of Directors of the Electricity Transmission Company, member of the Executive Committee of the Office of Rural Electrification, member of the Council of Administration of the National Authority of Public Services, member of the Council of Ministers of Energy of SICA, of the

Director Council of the Central American Regional Electricity Market and of the Board of Directors of Interconexión Eléctrica Colombia Panamá. He has more than 20 years of experience advising governments, private companies, NGOs and UN agencies on legal, regulatory and public policy issues in the energy sector. He held the Presidency of the Energy and Telecommunications Commission of the National Bar Association and the Representation of large clients in the Panamá's Operating Committee of the electricity Market. Founder and director of Enlex consultants, specialists in legal, regulatory and public policy aspects of the Panamanian energy sector.

- **Jose Guerra (NESP II Team Leader, Head of Program, Nigeria)**



Jose J. Guerra is a senior energy expert with 25 years of international experience in the energy sector and sustainable energy sector in Europe, Africa, Latin America, and Asia. After 11 years working at the international utility, he has developed his professional career providing sound advice to multilateral, utilities, governments, local banks and businesses, on, inter alia, energy access, energy supply (including generation, transmission and distribution) with special focus on renewable energy, energy efficiency, stocktaking, sector analysis, partner identification and establishing intervention priorities, assistance towards policy and regulatory reforms and dialogue, sustainable energy financing from the elaboration of market studies and pipeline development towards management of financing facilities and development and implementation of several capacity building and training programs.

Over the course of his career, Jose J. Guerra has worked with a range of power sector stakeholders and institutions, including the European Union, German Cooperation Agency (GIZ), Agence Française de Développement, European Bank for Reconstruction and Development, World Bank, International Finance Corporation, Inter-American Development Bank and Asian Development Bank. Currently he is the GOPA Intec's Team Leader for the technical assistance for the Nigerian Energy Support Program II, implemented by the GIZ and supported by the EU and the German Government. Lately, he has been leading the development of Premium Grids in Nigeria for GIZ, IFC and the Nigerian Severing Investment Authority; which is a combination RE embedded generation hybrid solutions for ring-fence areas under a franchising or concessional models; which include the design of network development plans, aggregate technical, commercial and collection losses reduction plans, management improvement plans and customer engagement plans. It also includes the selection of a private franchise and supporting the identification of funding and further technical assistance. Only in 2021, the pre-feasibility studies performed under his leadership have identified a pipeline of profitable investment over €1 billion.

- **Irene Batebe Okello (Permanent Secretary MEMD, Uganda)**



Ms. Irene. P. Bateebe is the Permanent Secretary of the Ministry of Energy and Mineral Development (Uganda). She leads the team that is handling the planning and development of the electricity, mineral and petroleum sub-sectors in Uganda. Ms. Bateebe is a member of the Inaugural Board of Directors of the Uganda National Oil Company Limited (UNOC), where she is currently serving her second term. She also chairs the Board of Directors of the Uganda Refinery Holding Company Limited, a subsidiary of UNOC. She has led negotiation of key agreements in the oil and gas sector which contributed to the attainment of the Final Investment Decision for the projects in Uganda. Ms. Bateebe possesses a BSc in Chemical and Process Engineering from the University of Dar es Salaam (Tanzania), a MSc in Advanced Chemical Engineering majoring in Refinery Design and Operations from the University of Manchester (UK) and MSc in Mechanical Engineering specializing in Sustainable Energy Engineering from the Royal Institute of Technology - KTH, (Sweden).

- **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).

- **Yann Tanvez, Infrastructure Lead West and Central Africa & Head of Mini-Grids Africa, International Finance Corporation**



Yann works in the IFC Africa Infrastructure Upstream department based in Dakar, Senegal. In his current capacity, Yann is leading IFC's engagement in mini-grids for Sub-Saharan Africa and is the IFC infrastructure upstream lead for the following countries: Senegal, Mauritania, Guinea-Bissau, Gambia, Cape Verde, Ghana, Benin, Togo, Niger and Burkina Faso. Prior to joining IFC in 2018, Yann held various positions at the World Bank in Washington DC, respectively in the Climate Change, Urban Development and Energy Global Practices. Before to joining the World Bank Group in 2012, Yann started his career in the private and non-governmental sectors, including within Schneider Electric strategy department and as international affairs advisor to Areva's CEO. French national, Yann holds an LLB and an LLM from Lyon III University, a BA in Classic Philosophy from Paris I Sorbonne University, as well as a MA in International Affairs from the Institut d'Etudes Politiques of Paris – Sciences Po.

3:45 to 4:00 pm: **BREAK**

4:00 to 4:45 pm: **Planning for the future: Building a network of practitioners**

Moderator: Rhonda Jordan Antoine, PhD, Senior Energy Specialist, World Bank



Rhonda Jordan Antoine is a Senior Energy Specialist at the World Bank where she has worked in the areas of power sector planning and capacity expansion, utility performance, mini-grid regulations, and solar home system deployment. Rhonda currently works on energy investment and advisory projects across Sub-Saharan Africa, and leads Geospatial Electrification Planning in the Africa Region, which to-date has leveraged cutting edge GIS analytics to inform World Bank energy engagements in 30 countries. Rhonda holds both BS & MS in Electrical Engineering from Columbia University, as well as a PhD in Engineering Systems from the Massachusetts Institute of Technology.

- **Geoffrey Mabea (Executive Secretary, EREA)**



Dr. Geoffrey Aori Mabea is the Executive Secretary of the Energy Regulators Association of East Africa (EREA), tasked with spearheading the robust Energy Union for East African countries.

He is an energy expert with vast experience in energy and infrastructure. Dr. Mabea has served in various senior leadership positions in national and international organisations, where he has amassed a wealth of experience in managing multibillion-dollar projects and policy formulation in Africa. He is certified with SAP Project Systems and has managed the most extensive geothermal energy development programmes in Kenya, leading Northern Corridor countries regional energy Integration projects (NCIP) and

various assignments in South Africa and Indonesia. He has vast experience in infrastructure projects origination and portfolio management of power sector energy projects. He has served in multiple national and regional policy formulation committees in East Africa.

Dr Mabea is a Kenyan national with multidisciplinary education: Geomatics Engineering, and MBA, both from Jomo Kenyatta University of Agriculture and Technology; MSc. Energy Economics and Policy, University of Surrey; and Ph.D. Energy Economics, University of Dundee. Dr. Mabea is a Chevening Scholar and has intensively researched the economic benefits of integrating electricity markets in Eastern Africa. He is passionate about electricity markets, sustainable capacity building and infrastructure in Africa and has been at the frontline forging for the establishment of robust electricity markets in Africa.

- **Linus Mofor (UNECA)**



Dr Linus Mofor is a Senior Environmental Affairs Officer at the African Climate Policy Centre (ACPC) of the United Nations Economic Commission for Africa (ECA) where he leads the portfolio of work energy, infrastructure, and climate change - with emphasis on climate resilience, clean energy transition, sustainable infrastructure development and greening Africa's transformation, integrated assessments for implementation of the SDGs and the Paris Agreement, policy coherence and capacity development, among

others. He joined the Commission from the International Renewable Energy Agency (IRENA) where he worked as a renewable energy innovation and technology analyst. Before joining IRENA, Linus was an industrial development expert with the Energy and Climate Change Branch of UNIDO in Vienna. Prior to working with UNIDO, he was a senior lecturer and consultant at the University of Glamorgan (now the University of South Wales) in UK.

- **Geoffrey Okoboi (Director of Economic Regulation, ERA Uganda)**



Dr. Okoboi is the Director Economic Regulation at the Electricity Regulatory Authority overseeing the electricity supply industry pricing (tariff determination), planning and research functions. Dr. Okoboi holds a Doctorate (PhD), Masters (MA) and Bachelors (BSc) degrees in Economics from Makerere University. He has earned several certificates in utility regulation and Leadership – including the Senior Managers Leadership Program from Strathmore University and Nanyang Technological University. Prior to joining the Authority, Dr. Okoboi worked as Research Fellow and Head of Sectoral Department at the Economic Policy Research Centre at Makerere University. Earlier, Dr. Okoboi taught Economics at Kyambogo University, was a socioeconomic researcher at the International Institute of Tropical Agriculture (IITA Uganda) and had a first job in a Commercial Bank. Dr. Okoboi has published several peer reviewed papers in international journals.

- **Callixte Kambanda (African Development Bank)**



Callixte Kambanda is currently working with the African Development Bank as Manager for Energy Policy, Regulation and Statistics Division. He has extensive experience working in the African energy sector, particularly with African countries, Regional Economic Communities and Specialized institutions. He joined the Bank in January 2008, working with the Infrastructure Consortium for Africa (ICA), a G8 initiative housed by the African Development Bank. Before joining the Bank, Kambanda worked as Executive Secretary of the Eastern Africa Power Pool (EAPP) and with the Power Utility in his country Rwanda. His current work the African Development Bank includes leading the team that works primarily to enhance enabling environment for investments in African energy sector, including strengthening of Policy Dialogue, scaling up availability and harmonization of data as well as supporting African countries to enhance the power sector regulation. Mr. Kambanda graduated from the University of Applied Sciences of Kaiserslautern, Germany, with a Master's degree in Electrical Engineering and he is also holder of a Masters' degree of Business Administration in Project Management from the Maastricht School of Management (MSM) of the Netherlands.

- **Lisa Walker (Power Africa)**



Lisa M. Walker is the Director of the Energy Office for Power Africa, a U.S. Presidential initiative coordinated by the U.S. Agency for International Development (USAID). Power Africa's goal is to end energy poverty through universal access to sustainable, reliable electricity across sub-Saharan Africa (SSA). She manages 12 programs worth \$330 million covering more than 40 countries. She further manages Power Africa's cross-cutting Gender, Enabling Environment and Climate Change initiatives. As part of Power Africa's senior management team in the field, she regularly briefs US government leadership on high-level renewable energy and other sector priorities in SSA. She previously served as USAID's Deputy Office Director for Energy, Trade and Investment in Kenya and East Africa. She has more than 30 years of international trade and development experience. She also served with USAID in Haiti and Vietnam. She is a former start-up entrepreneur and a branding and marketing specialist. She began her career as a political strategist running U.S. electoral campaigns. She holds a master's degree in public policy from the George Washington University and a bachelor's degree in political science from the University of Massachusetts, Amherst. Lisa is based in Pretoria, South Africa.

4:45 to 5:00 pm: **Conference closure**

- **Ashish Khanna (Acting Regional Director for Infrastructure, africa west and africa east, practice manager, west and central africa energy, World Bank)**



Ashish worked in the private sector for seven years before joining the World Bank's South Asia Region in 2005. He has since held various positions, including Lead Energy Specialist in South Asia and Middle East and North Africa regions, and Program Leader for Sustainable Development and Infrastructure for Djibouti, Egypt and Yemen. Mr. Khanna has worked extensively across countries on issues of project, sector and market restructuring, undertaking public private partnerships and promoting corporate governance. Similarly, the projects he has led ranged from legal and regulatory reforms, power generation, transmission and distribution projects; gas policy and transmission; and renewable and energy efficiency programs. He has also been dedicated to addressing global issues and international policy in energy. Ashish is a graduate of University of Delhi and Harvard University.

- **Peter Twesigye (University of Cape Town, representing the African School of Regulation)**



Dr. Peter Twesigye is the Research Lead in Power Market Reforms and Regulation at the [Power Futures Lab](#) in the Graduate School of Business (GSB) of the University of Cape Town. He is an Infrastructure Economist with 14 years' work experience in Electricity Distribution & previously in Urban Utility Water & Sanitation Management. Peter's research and teaching focus on Structural, Governance and Regulatory Incentives for Improved Utility Performance. Peter has the expertise and interest in; Power Market Reforms and Regulation, Energy Concession Design and Analysis, Energy Transitions, Governance, Energy Policy, Tariff

Setting & Policy Reviews, Managing Utility Performance Improvements, Performance Contract Formulation and Design, and Strategic Planning. He is a member of the National Association of Regulatory Utility Commissioners (NARUC – USA) and the South African National Energy Association (SANEA). He is a member of the Africa-Europe Foundation Strategy Group on Sustainable Energy. He is also a guest lecturer and member of the Academy of Regulatory Professionals Advisory Board – (University of Florida's Public Utility Research Center, PURC - USA). Until recently, Peter was the Manager Regulatory Affairs at Umeme Ltd (a private electricity distribution concession) and previously worked as a Senior