



**AFRICAN  
SCHOOL OF  
REGULATION**



**INTERNATIONAL ONLINE CONFERENCE**

# **Electrification of Healthcare Facilities in Africa**

## **SPEAKERS BIO**

**December 10th, 11th, and 12th 2024**

**12:00 pm to 2:00 pm GMT; 1 pm to 3 pm CET, 3 to 5 pm EAT**

Updates on this program can be found at the African School of Regulation website:

<https://africanschoolregulation.org>

**PANEL 1 – The current state of electrification of  
healthcare facilities.**

December 10th

## MEET THE PANELLISTS

### PANEL 1 – The current state of electrification of healthcare facilities.



#### **Salvatore Vinci**

#### **Technical Lead – Health-Care Facilities Electrification World Health Organization (WHO)**

Salvatore leads WHO's technical work on accelerating electricity access in health-care facilities in low-income countries, as a key enabler to provide quality essential health services to all.

Before joining the World Health Organization in 2020, Salvatore worked for 10 years at the International Renewable Energy Agency (IRENA), covering multiple positions, including Head of Partnerships and Technical Advisory Services and Deputy-Director of the Country Support and Partnerships Division. In the years at IRENA, his work focused on supporting low-income countries on rural electrification and renewable energy development as well as on the energy-health-water-food nexus.

Prior to working at international level, Salvatore worked for 7 years at the Department of Energy of the Italian Ministry of Economic Development, mainly on the design of the electricity market and on policies to promote clean energies and carbon emissions reduction.

Salvatore has coordinated numerous multi-stakeholder cooperation partnerships (such as the SIDS Lighthouses Initiative and the International Off-grid Renewable Energy Conference), and is the lead author of several publications, the last one being the multi-agency (WHO, World Bank, SEforALL, IRENA) report 'Energizing health - accelerating electricity access in health-care facilities.

He holds a degree cum laude in Environmental Engineering, and a Master's on Energy Resources Management.

## MEET THE PANELLISTS

### PANEL 1 – The current state of electrification of healthcare facilities.



**Gina Cady**  
**Health Electrification Partnerships Lead**  
**USAID**

Gina is a U.S. Diplomat for the United States Agency for International Development (USAID) Foreign Service and has led several USAID initiatives to support clean energy deployment and climate change programs. In her current role, she leads Power Africa's Health Electrification and Telecommunications Alliance (HETA), a \$150 million public-private partnership to electrify and digitally connect 10,000 health facilities across sub-Saharan Africa. The Alliance is the first-ever partnership to coordinate Sustainable Development Goals 3 (health) and 7 (energy) to strengthen health infrastructure and reduce energy poverty. During her 13 years at USAID, Gina has successfully negotiated large conservation and energy partnerships with industry and national governments. While in Peru, Gina oversaw USAID's large portfolio of climate and biodiversity programming and served as a U.S. representative to the U.S.-Peru Trade Agreement that facilitated the conservation of more than one million hectares of forested lands to support legal forest management. In Mexico, she led USAID's clean energy investments and led the US Embassy's humanitarian emergency response, supporting Mexico in responding to natural disasters and complex crises.

Before joining USAID, Gina worked at the U.S. Department of Energy and the Federal Energy Regulatory Commission supporting clean energy projects across the United States.

Gina holds an MS in Environmental and Energy Policy from Johns Hopkins University and a BS in Environmental Science from the University of Maryland, College Park. Recently, Gina received the 2024 International Award from the Clean Energy Education and Empowerment (C3E) Initiative.

## MEET THE PANELLISTS

### PANEL 1 – The current state of electrification of healthcare facilities.



**Ranjit Dhiman**

**Global lead: Primary healthcare infrastructure  
Health section, Programme Group (PG) - NYHQ**

Ranjit is global lead for primary healthcare infrastructure at UNICEF headquarters, Programme Group, Health, Immunization supply chain team, based in Geneva, Switzerland. He leads the portfolio of health facility solar electrification, healthcare waste management and plans actions towards reducing carbon footprint of immunization program.

He comes from the strong background of immunization supply chain systems, cold chain logistics and data systems for management of cold chain logistics. Under this portfolio, UNICEF is providing support to more than 20 countries on planning, assessments, sizing and resource mobilization for solar electrification of health facilities and greener technologies for addressing healthcare waste management problems.

## MEET THE PANELLISTS

### PANEL 1 – The current state of electrification of healthcare facilities.



**Rahul Srinivasan**  
**SEforALL**

Rahul Srinivasan is a senior energy professional with deep and extensive international experience (spanning Sub-Saharan Africa, South Asia, East Asia, the Americas) in renewables, energy access, sustainability, and the energy-health-climate nexus across the private sector and international development organizations such as the World Bank and the United Nations.

At Sustainable Energy for All - a United Nations hosted organization, Rahul manages global partnerships and leads finance related activities at the intersection of energy-health-climate, driving the deployment of clean energy solutions in health facilities to create stronger health systems in developing countries in Africa and Asia.

Prior to joining Sustainable Energy for All, Rahul worked at the World Bank where he co-managed ESMAP's (<https://www.esmap.org/>) global and cross-sectoral Efficient, Clean Cooling program which focused on climate friendly cold chains for the health (COVID-19 and beyond) and agriculture (food security and safety) sectors. He was a core member of the World Bank's COVID 19 Global Vaccine Delivery Taskforce, focusing on deployment of sustainable cold chains to deliver COVID 19 vaccines in low- and middle-income countries. On a regional level, Rahul was the Focal Point for Lighting Africa's work on solar electrification of public institutions such as schools and health centers to maximize human capital development and respond to COVID 19 challenges.

Prior to joining the World Bank, Rahul worked in private sector energy consulting (wind, solar, natural gas) as a Senior Engineer and Client Manager. Subsequently, he graduated with a Master's in Public Administration from the Harvard Kennedy School where he served as a Teaching Fellow on Energy Policy and Markets and was bestowed the Don. K. Price award for academic excellence and significant impact on the Harvard community. Rahul spent some time at the United Nations and in management consulting during his academic stint.

Rahul is a seasoned speaker on the topics of energy access, energy-health-climate nexus, sustainability, and leadership and has spoken at various international forums.

**PANEL 2 – The Multilateral Energy Compact for Health  
Facility Electrification and Other Approaches.**

3:05 to 3:55 pm EAT

December 11th

## MEET THE PANELLISTS

### PANEL 2 – The Multilateral Energy Compact for Health Facility Electrification and Other Approaches.



**Matt Clark**  
**Director of HETA Partnerships**  
**AbT Global**

Matt Clark serves as the Partnerships Director for the Health Electrification & Telecommunications Alliance (HETA) at Abt Global. He is inspired and motivated by HETA's objective to bring sustainable energy and digital connectivity to 10,000 health facilities across sub-Saharan Africa. Matt has more than 15 years of experience working across sectors and industries to drive social impact and sustainable development.

Before joining the HETA team, Matt was the ESG Strategy Lead at FHI 360, where he had the pleasure of working with colleagues to set up the organization's new Environment & Climate Change unit. He is a proponent of advancing ESG (environmental, social, and governance) initiatives that unite the public, private, and social sectors to advance shared goals and improve communities, locally and globally.

Previously, Matt spent more than a decade working in corporate social responsibility and employee engagement with Fortune 500 companies including JPMorgan Chase, IBM, PepsiCo, Converse, GlaxoSmithKline, Johnson & Johnson, and Pfizer. He designed and implemented strategies to create opportunities for companies to drive social impact in projects ranging from youth development and women's economic empowerment to expanding healthcare access and inclusive urban development.

Matt spent a couple of life-changing years in international education, working in Japan with local school districts to develop English language curricula and global learning initiatives that more purposefully connect students to the world. He began his career as a political reporter in Des Moines, Iowa, covering presidential campaigns across the state in the lead up to the first-in-the-nation caucuses.

Matt has traveled, worked, or lived in 40 countries around the globe. He believes everyone has a compelling story to tell, and we do better when we listen.



## MEET THE PANELLISTS

### PANEL 2 – The Multilateral Energy Compact for Health Facility Electrification and Other Approaches.



**Nour Alnajjar**  
**Regional Energy and Environment Specialist**  
**UNICEF**

Nour Al Najjar brings over nine years of practical experience dedicated to advancing sustainable energy solutions and driving climate action across the Middle East and Eastern and Southern Africa. A forerunner in renewable energy innovation, she combines technical expertise with an entrepreneurial mindset to empower last-mile communities, refugees, and underserved populations. Her strong academic background in Environmental and Renewable Energy Engineering drives her ability to design clean, reliable energy systems tailored to some of the world's most challenging contexts. Nour's achievements include solarizing host communities, refugee camps, and social services, as well as leading the creation of innovative energy management systems in refugee settings. She is also spearheading UNICEF's groundbreaking SunSavvy Solar Sizing Tool, which transforms non-technical staff into effective energy planners. In addition to her technical achievements, Nour is a passionate advocate for energy and gender equity. She emphasizes the recognition of access to energy as a fundamental human right and strives to empower future leaders to drive sustainable and inclusive change.

## MEET THE PANELLISTS

### PANEL 2 – The Multilateral Energy Compact for Health Facility Electrification and Other Approaches.



**Ambrose Katungi Muhwezi**  
**Africa Regional Director**  
**We Care Solar**

Dr. Katungi Ambrose Muhwezi is a public health specialist with 10 years of experience in Maternal and Newborn clinical services and program management across both governmental and private sectors. He holds a Medicine (MD) degree, a Master of Public Health (MPH), and a postgraduate diploma in healthcare management and leadership. Currently, he serves as the Africa Regional Director at We Care Solar, where he is engaged in facilitating health facility electrification initiatives in various countries. Dr. Katungi exhibits a passion for strengthening health systems programs to foster sustainable healthcare delivery.



**Harriet Bradshaw-Smith**  
**TEA Project Manager**  
**The Carbon Trust**

Harriet has over 7 years' experience working in the non-profit and international development sectors. She joined the Carbon Trust in 2022 to manage two portfolios within the Transforming Energy Access (TEA) platform.

Harriet's portfolios have a broad scope including research and training, humanitarian energy, and the electrification of health facilities. Harriet is also passionate about leading TEA's local partnership inclusion work, which aims to increase the number of local partners within the platform.

**PANEL 3 – Regulatory modifications to remove  
barriers and facilitate delivery.**

4:05 to 4:55 pm EAT

December 11th

## MEET THE PANELLISTS

### PANEL 3 – Regulatory modifications to remove barriers and facilitate delivery



**Harold Obiga**  
**Director of Legal Services**  
**ERA**

Harold R. Obiga is a seasoned regulatory, power, and renewable energy lawyer with a wealth of experience.

Serving as the Director of Legal Services for the Electricity Regulatory Authority of Uganda, Harold has built an impressive career over 17 years. His expertise spans legal, policy, and regulatory fields across power and electricity, renewable energy, telecommunications, finance, and banking. His work focuses on regulation, government relations, compliance, public-private partnerships, and alternative dispute resolution.

Over the span of his career, Harold has been pivotal in providing regulatory advice for publicly financed projects, resulting in the development of 783 MW of clean, renewable energy and the securing of over \$2 billion in funding. From 2013 to 2023, he significantly contributed to the success of the Global Energy Renewable Energy Feed-In Tariff Program (GETFIT), which developed a portfolio of 17 renewable energy projects, generating 158 MW of power. This attracted over \$455 million in private capital investments and delivered 760 GW of clean, renewable energy, providing access to clean energy for 200,000 households and benefiting 1.2 million people.

Harold's influence on Uganda's electricity sector has been transformative. Since 2022, he has led the restructuring of the second generation of reforms in the Electricity Sector, including overseeing the development and amendment of the Electricity Act, marking its most significant changes in 20 years. He has spearheaded the development of regulations for open access, direct sales, private sector power transmission, and off-grid power development, driving further evolution of the sector since its initial reforms in 1999.

Beyond Uganda, Harold has played a crucial role in harmonizing the electricity regulatory landscape across East Africa. Through the Energy Regulators Association of Eastern Africa (EREA) and the establishment of the Independent Regulatory Board (IRB) of the Eastern Africa Power Pool (EAPP) in 2023, he has worked with regulators from African countries, fostering regional cooperation and development.

Harold continues to be a staunch advocate for better regulation, collaborating with governments, public agencies, development finance institutions, and private

project developers. His efforts focus on devising and implementing financially sustainable legal, regulatory, and policy solutions for impactful infrastructure projects across Africa.

## MEET THE PANELLISTS

### PANEL 3 – Regulatory modifications to remove barriers and facilitate delivery.



#### **Gracia Munganga**

**Global lead: Primary healthcare infrastructure  
Health section, Programme Group (PG) - NYHQ**

Gracia Munganga is a trained chemical engineer with a Masters from the University of Cape Town (UCT, South Africa) with over a decade experience across green economy policy and advisory, waste economy, energy access and renewables (mainly solar PV and waste-to-energy) on the continent having worked for GreenCape, Anaergia Africa, the Climate Innovation Centre South Africa (CIC-SA), the Carbon Trust Africa and SustainSolar. In her last role, Gracia was the Head of SustainSolar—a leading system integrator of high quality, turn-key containerised solar and battery storage systems (BESS) for the off-grid and C&I sectors. At HETA, Gracia Munganga provides support across countries developing innovative financing and business models, supporting HETA country teams through technical assistance to facilitate effective implementation, and assure the quality of country level outcomes to scale and amplify HETA's impact. Gracia volunteers for and is part of the executive team of the Africa Circular Economy Network (ACEN)—building a community of experts across the continent.

## MEET THE PANELLISTS

### PANEL 3 – Regulatory modifications to remove barriers and facilitate delivery



**Irene Calvé Saborit**

**Head of the Secretariat of the Mini-Grid Partnership (MGP)  
SEforALL**

Irene is leading the Secretariat of the Mini-Grid Partnership (MGP) at SEforALL. Prior to that she was the CEO and co-founder of SunkofaEnergy, a mini-grid start-up focusing on development and operations with projects in Benin, Zambia and Mozambique and on providing consulting services for development finance institutions and private companies. She worked previously in ENGIE PowerCorner as Business Development and Commercial Manager for 3 years and in ENGIE's corporate strategy department within the center of expertise in economic modelling and studies, focusing on electricity markets and regulation impact analysis. Her expertise lies in electricity systems, economic modelling, and analysis as well as decentralized generation with a special focus on energy access. She holds a double degree including a Master of Science (MSc) of Sustainable Energy, from the Denmark Technical University and the title of Ingeniera Industrial from the Universidad Politécnica de Valencia.

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**Daniella Ngarambe**

**Research Associate  
ASR**

Daniella Ngarambe is an energy researcher with a diverse background in academia, policy, and research. She joined the African School of Regulation as a Research Associate. Prior to this, Daniella worked as an Outreach and Technical Writer for a French-based space company, where she was responsible for communicating complex technical concepts to a wider audience. In the policy arena, she had the opportunity to serve as a Policy Fellow at GIZ, supporting the Ministry of ICT and Innovation, Rwanda in the development and implementation of innovative and emerging technologies policies. In addition, she worked as a Network Operations Engineer in a climate technology company based in Nairobi and continues to do private consulting in the energy and climate sphere. Daniella holds a Master's degree in Electrical and Computer Engineering from Carnegie Mellon University.

**PANEL 4 – A call to action. What works, what can be improved and the need for a comprehensive and long-term vision.  
3:20 to 4:50 pm EAT  
December 11th**

## MEET THE PANELLISTS

### PANEL 4 – A call to action. What works, what can be improved and the need for a comprehensive and long-term vision



**Kwabena (Kobe) B. Adom-Opare**  
**Global Director of Business Development**  
**Odyssey Energy Solutions**

Kwabena (Kobe) B. Adom-Opare is a seasoned leader and expert in healthcare facility electrification, with over 15 years of experience in sustainable energy systems and international development. As the Global Director of Business Development at Odyssey Energy Solutions, he spearheads the design and deployment of innovative IT tools that support global scalable and sustainable electrification of public facilities. He is at the forefront of Odyssey's efforts to develop energy-as-a-service management tools that transform how public facilities access and utilize energy.

Kwabena's career is marked by impactful leadership, including his tenure with USAID's Power Africa initiative, where he led programs to expand energy access and drive renewable energy investments across West Africa. He has worked with prominent global organizations such as the World Bank, AfDB, SEforAll, and several government agencies to address complex financial, technical, and regulatory barriers in energy projects. Notably, his leadership in creating the HealthGrid initiative in Sierra Leone in 2020 brought reliable power to off-grid healthcare centers, significantly improving health outcomes and shaping USAID's Health Electrification and Telecommunication Alliance (HETA) program design.

With expertise in IT solutions, data analytics, results-based financing, and stakeholder engagement, Kwabena has consistently delivered impactful and collaborative solutions for electrifying healthcare facilities. His work aligns with the conference's focus on long-term, data-driven strategies. Kwabena's insights into policy innovation and financing mechanisms will provide valuable contributions to actionable solutions for scaling healthcare electrification.



## MEET THE PANELLISTS

### PANEL 4 – A call to action. What works, what can be improved and the need for a comprehensive and long-term vision



**Elizabeth Gogoi**

**Principal Consultant - Oxford Policy Management (OPM)**

Elizabeth Gogoi is a Principal Consultant in Oxford Policy Management (OPM) and leads the global team on Energy, Resources, and Growth. She is based in OPM India and has over 17 years of professional experience across South Asia and Sub-Saharan Africa. She has led and contributed to a wide range of technical studies and projects that combine a focus on both low-carbon and climate resilient development. For example, she provided cross-program learning and research support to a GBP 23 million 'Action on Climate Today' (ACT) program funded by FCDO which supported ten national and sub-national governments in South Asia to mainstream climate change to climate change within the planning process, including in the health sector. Elizabeth has led two research studies for SEforALL. Firstly, a study on Climate Finance for Powering Healthcare which explored climate finance opportunities for climate-proofing healthcare facilities; and secondly, she is currently leading research on building the resilience of energy infrastructure in healthcare facilities.

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**Steven Hunt**

**Senior Energy Innovation Advisor**

**UK Foreign, Commonwealth and Development Office (FCDO)**

Steven is leading the FCDO's delivery on the Ayrton Fund for clean energy innovation, including overseeing the Transforming Energy Access (TEA) platform, which was scaled-up at COP26 in Glasgow. Previously he worked on energy policy and programmes, including the development of the Energy SDG7, the Results-Based Financing for Low Carbon Energy Access (RBF) and Green Mini-Grids Africa programmes, and the Energy Africa campaign. Steven has been donor co-chair of the World Bank ESMAP Consultative Group, is the co-chair of the Mini-Grids Funders Group, and was founding co-chair of the Efficiency for Access Coalition. He has been working on clean energy access issues for more than 15 years, after starting his career in product design engineering. His engagement with Powering Healthcare dates back to the origins of the initiative, and he has advised on UK support and partnerships in this area in multiple countries in Africa, perhaps most notably Sierra Leone.

## MEET THE PANELLISTS

### PANEL 4 – A call to action. What works, what can be improved and the need for a comprehensive and long-term vision



**Abdullah Alkulaib**  
**Regional Specialist**  
**Regional Bureau for Africa, UNDP**

Abdullah Alkulaib has more than 10 years of professional experience in international development, partnerships and advocacy, resource mobilization, program/project implementation, and team leadership. He joined the United Nations Development Programme (UNDP) in New York in 2013 as a Junior Professional Officer (JPO) in the first cohort sent by the State of Kuwait. In his two years as a JPO,

he supported the Tokyo International Conference on African Development (TICAD) Unit in the Regional Bureau for Africa as a private sector specialist. He also was part of the Ebola Task force setup in Headquarters where he successfully supported the implementation of a Regional multi-year Ebola Response Programme as well as support the establishment, resource mobilization and operation of the UN Multi Partner Trust Fund

Abdullah then took the position of Regional Specialist under the Country Oversight and Support team, a strategic unit that provides programme and project implementation support to ensure the realization of National Development Plans in Africa as well as the attainment of the Sustainable Development Goals (SDGs). He assumed responsibility within the team on Clean Energy Access, Rural Infrastructure, and Partnerships, where he successfully developed and supported the implementation of Private – Public Partnerships, MSME support, and Rural Infrastructure projects. He also supported the mobilization of significant resources for these projects from International Development Institutions.

Before her tenure with the UN, Abdullah worked in Agility Logistics, a leading global logistics provider, within the Strategic Initiative Team that was leading on M&A before joining the industrial Real Estate Team as an advisor to the CEO.

Abdullah holds a master's in business administration from IESE University and an Undergraduate Degree from Purdue University in Industrial Management, minoring in accounting, finance, and manufacturing

## MEET THE PANELLISTS

### PANEL 4 – A call to action. What works, what can be improved and the need for a comprehensive and long-term vision



**Frederick Nyang**  
**Director,**  
**African School of Regulation**

Dr. Fredrick Nyang is the Director of the African School of Regulation (ASR) and an energy professional with nearly four decades of experience in energy policy, regulation, and electricity markets across Kenya, East Africa, and the COMESA region.

A Certified Energy Regulation Specialist, Dr. Nyang has held leadership roles, including Director at Kenya's Energy and Petroleum Regulatory Authority (EPRA), where he contributed significantly to energy policy and market development. He led Kenya's foundational energy policy in 2004, chaired RAERESA (COMESA's energy regulation body) for eight years, and recently served as Team Leader for the African Single Electricity Market (AfSEM) project.

Dr. Nyang's expertise extends to long-term electricity planning, project management, and regional energy harmonization.

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**Charlie Knight**  
**Senior Energy Specialist**  
**SEforALL**

Charlie Knight works as a Senior Energy Specialist for SEforALL in the Powering Healthcare programme. He coordinates projects and activity implementation, providing support and contributing to the programme's 'Centre of Excellence' and the development of new solutions and market assessments to support energy access for health facilities. He is currently leading the Innovation Fund grants facility and is working on other initiatives in Madagascar, Sierra Leone and Somalia, as well as the State of the Market report and accompanying Global Heatmap for healthcare electrification initiatives.

Charlie has over 13 years of experience in the international development and energy access sector, having worked for different development agencies, INGOs and consultancies, in Africa and Asia, including living and working in Kenya, Nigeria and Malawi for several years. That experience encompasses working as an energy expert, an advisor, project director and manager, focusing on energy access and renewable energy, particularly with solar energy and clean cooking. Previously he worked as a structural engineer and has a master's degree in Climate Change and Development.