



ACCELERATING ENERGY TRANSITION

## PRODUCTS TRACK: DECEMBER EDITION

### Energy efficiency information and capacity building

10 December 2020 | 14:00-15:30 CET



**Olivia Coldrey,**  
SEforALL

Olivia is SEforALL's technical lead for energy finance and responsible for conceiving and executing the organisation's overall clean cooking strategy. In advising SEforALL on strategy and interventions to support universal access to energy by 2030, Olivia leverages her experience of financing renewable energy technologies from R&D through commercial deployment gained through previous roles at REEEP and the Australian government's lead solar energy agency, and as an independent advisor to governments and investors. As a finance lawyer, Olivia has worked with Baker McKenzie in Sydney and Hong Kong, Latham & Watkins in New York and in-house at Australia's export credit agency, Export Finance Australia. She undertakes several board and advisory roles. A Fulbright Scholar and U.S. Department of State Climate Change Fellow, Olivia holds an LLB from the University of New South Wales, LLM from the London School of Economics and BEc. from the Australian National University.



**Kofi A. Agyarko,**  
Energy Commission, Ghana

In his 18 years' experience in the energy sector, Kofi Agyarko has designed and successfully implemented a number of energy efficiency projects; the 2007 mass CFL exchange programme, capacitor banks installation and GEF/UNDP funded project on Energy Efficient Refrigerators and Market Transformation in Ghana. Kofi served as a member of the UNEP-GEF lighting and refrigerating task force formed in 2015 to develop policy guidelines for accelerating the global adoption of quality, energy efficient lighting and refrigerating appliances.

He is the ECREEE focal point in Ghana and a member of the Energy Efficiency Task Force of the Montreal Protocol Technical and Economic Assessment Panel (TEAP). He serves on the Interim Steering Committee of the Cool Coalition and chairs the Cool Coalition Working group on dumping of used products in Africa. A regular resource person in International Energy Agency's (IEA) Global Conference on Energy Efficiency.



**Ana Maria Carreño,**  
CLASP

Ms. Carreño has over 10 years of experience in international energy efficiency policy, market research and technical analysis. She manages regional and national programs that span from Southeast Asia to Central America and focus on improving energy performance of cooling, lighting and other high-impact products. She works closely with a network of international partners and policymakers to implement ambitious energy efficiency policies. Ms. Carreño is also a member of the Energy Efficiency Task Force of the Montreal Protocol Technology and Economic Assessment Panel.



**Martina Bosi,**  
ESMAP

Martina Bosi is a Senior Energy Economist within the Energy Sector Management Assistance Program (ESMAP), where the main focus of her work is on energy efficiency, cooling, buildings and development. She leads ESMAP's Efficient, Clean Cooling technical assistance program, and provides cross support to World Bank lending operations. Most recently, her work has been focused particularly on more sustainable vaccine cold chains. Martina also has extensive experience in carbon finance, as well as energy and climate policy analysis from earlier positions with the World Bank Carbon Finance Unit, the International Energy Agency and Natural Resources Canada. She holds a master's degree in economics from Université Laval (Québec City, Canada).



**Talat Munshi,**  
UNEP-DTU Partnership, Copenhagen Centre on  
Energy Efficiency

Talat Munshi is working as Senior Advisor at UNEP-DTU Partnership, Denmark Technical University. Before his current employment, he has worked as Associate Professor at the Faculty of Planning, CEPT University (CEPT), India. Talat was also a Lecturer in Transport at Faculty of ITC (ITC), University of Twente in the Netherlands and at TERI University in India. An engineer by background he has a PhD from ITC and has two master's degrees: in planning from CEPT and in urban infrastructure management from ITC. His research interests cover areas including energy efficiency, sustainable transport planning, urban development-planning, social equity, and use of geo-information. Talat has worked on research and consultancy projects for organisations including the World Bank, ClimateWorks (through Shakti Foundation in India), UNEP and Volvo Research and Education Foundation.



**Ian Hamilton,**  
UCL Energy Institute

Dr Ian Hamilton is an Associate Professor at the UCL Energy Institute, University College London, UK. Ian is also the Executive Director of the Lancet Countdown on Health and Climate Change.

Ian's research in the built environment is focused on the nexus of climate, energy and health. This includes building stock energy performance, sustainable building technologies, indoor environment and health impact assessment. Ian leads The Lancet Countdown on Health and Climate Change, a collaboration of 35 leading research institutions around the world working on building and communicating the evidence base on the intersection of health impacts of climate change and its drivers. Ian is the Principal Investigator for the International Energy Agency's Annex 70 - Building Energy Epidemiology, a Co-Investigator on the UKRI Centre for Research into Energy Demand Solutions, the NERC funded APEX London Air Pollution and ANTICIPATE projects, and Newton funded Capability and Energy Poverty in Mexico project. Ian is the UCL lead for the IEA and UNEP Global Alliance for Buildings and Construction initiative. Ian has an interdisciplinary publication record in leading journals including Energy Policy, Applied Energy, Energy & Building, The Lancet, and BMJ.



**Ayman Eltalouny,**  
UNEP

Mr. Eltalouny joined UN Environment (UNEP) in 2003. He holds Mechanical Engineering Degree from Cairo University, and specialized in the field of Refrigeration and Air-conditioning.

Before joining the UN, he worked for 11 years in the Refrigeration Industry and for 4 years as Technical Advisor to the Egyptian National Ozone Unit on the implementation of the Montreal Protocol.

During 2003-2016, he worked closely with West Asian governments in the development and implementation of Montreal Protocol strategies and projects as well as part of UNEP OzonAction regional networking and Compliance Assistance Program (CAP). In 2016, Mr. Eltalouny is assigned as the International Partnerships Coordinator responsible of building and managing cooperation with global HVAC&R associations and organizations.

Mr. Eltalouny is currently coordinating key international UNEP programs such as the Refrigerant Driving License (RDL), HFCs Outlook, Cold Chain Database Model and others. He is a representing member to UNEP in the following groups:

- ASHRAE Refrigeration Committee
- ASHRAE-UNEP MTG of Sustainable Operation and Management of RAC Installations
- Secretariat of the Refrigerant Driving License (RDL)
- Global Food Cold Chain Council (GFCCC)
- IIR Group of Sustainable Cold Chain in Hot Climates
- Arab HVACR Code (League of Arab States)
- Committee of the Egyptian HVACR and Refrigerants Codes

Mr. Eltalouny is an active ASHRAE member for 20+ years, founding member and Ex-President of Bahrain ASHRAE Chapter.



**Kevin Lane,**  
IEA

Kevin is an energy efficiency expert at the IEA. He has over 25 years of experience working with governments to develop energy efficiency policy, especially related to energy using equipment. He has a PhD in statistics and climatology, with Postdoctoral research at the Environmental Change Institute at the Oxford University.



**Abdullahi Alkahlifa,**  
Sudan Electricity Authority

Abdullahi A. M. Alkhalifa is the project manager of Leapfrogging Sudan's markets to more efficient lighting and air conditioners; the project is the first recognized activity in the area of energy efficiency in Sudan. Before joining the project, he worked for the Sudanese Standards and Metrology Organization (SSMO) for more than eight years, during his work at SSMO he held many positions and contributed to the development of many national standards by being a member of many technical committees. He was also responsible for the initial and final conformity of the imported electrical and electronic devices and equipment, assuring it is compliance with the Sudanese standards.

Abdullahi holds a Master's degree in Electrical Engineering. Currently, through his position as a project manager, he is working on developing the electrical appliances energy efficiency strategy for Sudan, which covers four appliances, namely, the Air conditioners (including the desert coolers), the domestic refrigerators, fans, and lighting.



**Monica Gullberg,**  
GCF

Monica Gullberg is the Senior Energy Specialist at GCF and responsible for expansion and evolution of GCF's renewable and low-carbon emission energy projects. Prior to GCF, her most recent affiliation was Sida, Swedish International Development Cooperation Agency where she was working with UNIDO to develop the EELA project.

Monica holds a Licentiate of Technology and have been in the sustainable energy sector, working with supply and demand since the Rio declaration 1992. As a consultant, for more than 15 years, Monica has been advising both private and public sector.

She has led several analytical and practical studies including on the job technical assistance through European, African and Asian energy sector reforms. Her experience includes the establishment of new agencies, establishing enhanced and forward looking sector monitoring, updating regulations, identifying and enabling technical milestones, labelling, procurement criteria as well as performing pre-feasibility.



**Herlin Herlianika,**  
CLASP

Ms. Herlianika is Program Advisor at CLASP supporting energy efficiency program for residential appliances as well as its compliance in Indonesia.

Ms. Herlin is one of Refrigeration Technical Optional Committee member to the Montreal Protocol Programs, she is also an Energy Efficiency Task Force member of Technical and Economic Assessment Panel to the Montreal Protocol.

Before joining CLASP, Ms. Herlianika was a technical consultant at HEAT GmbH for Green Chiller Project a joint cooperation program between Indonesia Government through Ministry of Energy and Mineral Resources and GIZ. Her scope of works was capacity development by establishing the national certification scheme and National Competencies Standard for AC technicians as well as establishment of Indonesia National Standard on Chiller Testing Method.

She was a President of ASHRAE Indonesia Chapter in 2015 and continuing her active role in this global professional association of RHVAC Engineers as a Board of Governor up to present. With more than 25 years' experience in cooling sector, Ms Herlianika is also an active member of Refrigeration Technical Committee in National Standard Agency under Ministry of Industry of Indonesia.



**Nihar Shah,**  
International Energy Analysis Department

Nihar Shah is the Deputy Head of the International Energy Analysis Department. Nihar is also the holder of the Presidential Directorship of the Global Cooling Efficiency Program, leading research on alternate refrigerants and energy efficiency for Heating, Ventilation, Air-conditioning and Refrigeration (HVAC&R) equipment. He is also co-leader of the Emerging Economies Program. His other research interests include advanced manufacturing, circular economy and water technology and policy.

Nihar's work has been featured in various media including the New York Times, Washington Post, Economist, Forbes Magazine, NPR, and numerous other publications. He regularly advises multilateral institutions, governments, industry, and regulators on energy technologies and policies.

Prior to joining LBNL, Nihar worked at the California Public Utilities Commission. He received a Ph.D. in Mechanical Engineering from the University of California, Berkeley, an M.Tech. in Thermal and Fluids Engineering and a B.Tech. in Mechanical Engineering, both from the Indian Institute of Technology, Bombay. He is a licensed Professional Mechanical Engineer in California.



**My K. Ton,**  
Econoler

My Ton is an internationally recognized expert in energy efficient technologies, policies and programs. He has over 20 years of experience in developing standards and specifications, policy research, as well as in the conceptualization, implementation, management, and evaluation of EE and market transformation programs. His work experience also covers international development, project financing as well as knowledge and capacity building for energy efficient and emissions reduction initiatives.



**Noe Villegas,**  
National Commission for the Efficient Use of Energy  
(CONUEE)

Noé Villegas is an electrical engineer, has a Master's degree in Energy Efficiency and has a specialization from the Technical University of Berlin, where he completed a professional training on "Energy Policies for Sustainable Development". He has 20 years of experience in different topics and activities related to energy efficiency.

In Germany, he worked as project advisor for the Federal Confederation of Consumer Associations and for the Berlin Energy Agency. He also worked as Project Coordinator in a German consulting company implementing Energy Management Systems in industries according to the standard ISO 50001 in several Latin-American countries.

He is a member of the Mexican Committee for Attention to ISO TC 301 Energy Management and Energy Savings; and served as Vice President of the Management Systems Certification Committee of the Mexican Association for Standardization and Certification.

He achieved the Certified Practitioner for Energy Management Systems Training course, taught by the Georgia Tech; and he is recognized by the United Nations Industrial Development Organization (UNIDO) as an "Implementer Trainer" for Energy Management Systems.

He has published several articles, papers and manuals on energy efficiency and energy management.

At CONUEE, he is the Director of Large Energy Users where he designed the National Program for Energy Management Systems (PRONASGE), implementing more than 20 Learning Networks and the involvement of more than 250 facilities.



**Alvin Jose,**  
SEforALL

A result oriented and dynamic engineer with proven project management experience of over 12 years with UN agencies, Governments and Research Institutes on sustainable energy and environment.



**Readlay Makaliki,**  
SACREEE

Readlay Makaliki has extensive experience of over 25 years in an Electricity Industry involved in generation, transmission and distribution most of it at Senior Management Level including Senior Manager Demand Side Management (DSM), Divisional Manager Copperbelt, Technical Services Manager and Principal Protection Engineer.

In 2018 he joined the Southern African Development Community (SADC) Centre for Renewable Energy and Energy efficiency (SACREEE) an institution focusing on promoting renewable energy and energy efficiency through resource mobilisation, policy harmonisation, quality assurance, capacity building and knowledge management and communication. In the capacity of Renewable Energy Expert, he coordinated the development of the 2018 SADC Renewable Energy and Energy Efficiency Status Report and other SACREEE programmatic activities. Currently he is the Lead Technical Expert on the Sida funded and UNIDO implemented Energy Efficient Lighting and Appliances (EELA) Project.

He holds a Bachelor of Engineering Degree (BEng) in Electrical from the University of Zambia (UNZA) and a Master of Science (MSc) in Electrical Power Engineering from Chalmers University of Technology in Gothenburg, Sweden. His interests include, power quality, renewable energy and energy efficiency. He is a member of the Engineering Institute of Zambia (EIZ), Institute of Electrical and Electronic Engineers (IEEE).



**Jansenio Delgado,**  
LuxDev

Mr. Jansenio Delgado is a Renewable Energy Expert, currently serving as Project Manager at Luxembourg Development Cooperation Agency (LuxDev). Before joining LuxDev in January 2018, he spent seven years at the ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE), being responsible for the ECOWAS Regional Capacity Building Program. Mr. Delgado has over 32 years of experience in the energy sector, including high-level consulting, power system development and engineering, electricity grid extensions as well as renewable energy and energy efficiency development. In 1996, Mr. Delgado implemented, under a Luxembourg Development Cooperation Program, an extensive five-year rural electrification program in Cabo Verde. Mr Delgado holds a BSc in Electrical Engineering and an MSc in Management and Administration.