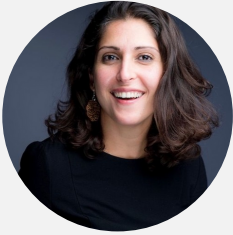




ACCELERATING ENERGY TRANSITION

PRODUCTS TRACK: MARCH EDITION INNOVATION AND DIGITALIZATION

15 March 2021 | 14:00-15:45 CET



Rana Ghoneim,
UNIDO

Rana has over 15 years of experience at UNIDO in the design and implementation of projects advancing the use of clean energy technologies in developing countries. Her work focused mostly in the MENA region and Africa. Since June 2018, she serves as the Chief of the Energy Systems and Infrastructure Division, where she is responsible for developing the organization's strategy for promoting a carbon neutral energy infrastructure and the decarbonization of industry.

She leads on behalf of UNIDO global initiatives and engagement with global actors such as SEforALL and the Clean Energy Ministerial.

Rana holds a Bachelor Degree in Environmental Science and a Master Degree in Environmental Economics from Imperial College.



Michael Kiza,
East African Centre of Excellence for Renewable
Energy and Efficiency (EACREEE)

Mr. Michael Kiza has over 20 years of work experience spanning from industrial processes to capacity building programme and policy analysis, formulation and dialogue at national and international levels. Since January 2017 he is the Programme Management Expert at the East African Centre of Excellence for Renewable Energy and Efficiency (EACREEE). His current role involves designing and implementing programmes in the areas of policy formulation, capacity building and investment promotions on renewable energy and energy efficiency. Prior to joining EACREEE, Mr Kiza worked for seven years (Jan 2010 – Jan 2017) at the International Atomic Energy Agency (IAEA) as Programme Management Officer – leading various teams in design, implementation and monitoring of several technical projects in various fields, including energy planning, water resources assessment, and climate change adaptation in agriculture, among others. Mr Kiza also worked at the Ministry of Energy and Mineral Development of Uganda (2004-2009) as Senior Energy Officer – Energy Efficiency and at various capacities in the manufacturing industries (1998-2004). Mr Kiza holds a MSc Sustainable Energy Engineering from the Royal Institute of Technology, Stockholm and BSc degree (majoring in Industrial Chemistry) from Makerere University, Kampala.



Anurag Maloo,
Seedstars

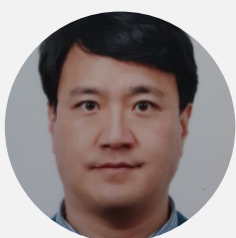
Anurag is currently leading Partnerships for Seedstars in Asia-Pacific, to impact people's lives in emerging markets through technology and entrepreneurship. Currently, he is the Program Director for CTCN Youth Climate Innovation Labs and leads the key partner accounts focussing on UN SDGs.

He is the Cofounder and Director of Green and Good Foundation. He is an entrepreneur, community builder, innovation and well-being coach and an ecosystem architect. As a multicultural professional experienced in developing and operationalising innovation strategies in the non-profit, public and private sector, and in international development, Anurag brings a depth of leadership experience in creating inclusive startup communities and vibrant entrepreneurship ecosystems across India and Asia-Pacific.

Previously, he has worked with Techstars, the global platform for investment & innovation, as Regional Manager (Asia-Pacific) for 6 years, to grow, develop and catalyse the regional entrepreneurship ecosystems across APAC. He has been instrumental in launching Techstars India, and was the Happiness Director for the first cohort of Techstars Bangalore Accelerator. He is also the Curator for Emerging Economies Startup Digest, and a Global Facilitator, Community Leader, Mentor & Jury for Startup Weekend from the last 7 years.

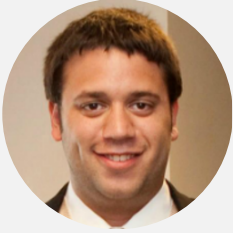
Anurag is a former Teach For India fellow who was selected as 2041 Antarctic Youth Ambassador and was invited to join the polar explorer and environmental leader, Robert Swan (OBE, FRGS) on the 2041 Inspire International Antarctic Expedition in 2013. He is a former UNLEASH Global Talent 2018 and now involved as UNLEASH+ Specialist and UNLEASH Global Facilitator for SDG Innovation Labs since 2019.

Previously, he has also been involved in various climate action, sustainable development, entrepreneurship development and innovation projects worldwide with Techstars, StartupWeekend, UNLEASH, #Hack4Climate 2017 (UNFCCC's COP23), Initiatives of Change, Indian Youth Climate Network (IYCN), 350.org and North East Centre for Environment Education and Research (NECEER). He continues to engage globally with young people, and bring global communities together to accelerate the pace of innovation and development towards achieving UN SDGs 2030.



Woo Jin Lee,
UNFCCC

Dr. LEE is working as Senior Innovation Specialist, who supports the CTCN's cooperation with UNFCCC bodies and new stakeholders from the perspective of climate technology transfer and innovation. He brings over 10 years' experience as R&D specialist on energy and environment, based on materials science and chemistry. He graduated KAIST with a PhD in Materials and Science Engineering Department and worked as senior researcher in world-famous semiconductor industry of SK Hynix, for developing chemical mechanical polishing process. Then, he continued as his researcher career at University of Minnesota as post-doctor for 3 years. So far he published over 30 Sci journal papers in the fields of engineering and science policy. Before joining the CTCN, he served as director of policy divisions on various S&T fields, for example, SW promotion division, future growth planning division, for 15 years, at the Ministry of Science and ICT, Republic of Korea.



John Clinger,
ICF

John Clinger leads ICF's team of engineers who support the U.S. EPA developing ENERGY STAR technical criteria for over 75 product categories. He also supports various international and regional energy efficiency programs focused on product energy efficiency, and has previously helped design and manage the U.S. DOE's Better Buildings Data Center program.



Gabriela Prata Dias,
Copenhagen Centre on Energy Efficiency

Gabriela Prata Dias is Head of the Copenhagen Centre on Energy Efficiency (UNEP DTU Partnership). Previously she was at ADENE, the Portuguese National Energy Agency, where she was Coordinating Director (CEO) with responsibility for implementation of energy efficiency policies in Portugal. She has MSc qualifications in Energy and Environmental Economics and Policy, coupled with a very broad and long experience in energy efficiency, including with the Energy Charter Secretariat in Brussels, in private business and as a researcher.



Kofi A. Agyarko,
Ghana Energy Commission

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.



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Aminata Fall,
Freelance Expert

Dr. Aminata Fall is a freelance expert with a decade of successful experience in advancing the agenda for transition to energy sustainability, particularly in sub-Saharan Africa. Among her contributions is the design of MoCES, which is a software that aims to democratize the planning of energy systems at community level. MoCES has been selected among the many innovative technologies developed in TU Wien to pitch during the 2020 university incubation bootcamp held in February 2020.

Between 2018 and 2020, Mrs Fall coordinated the project Sustainable Energy Access for Sustainable Cities (SEA4cities), which is an academic partnership project that brings together Polytechnic School of Thies (Senegal) and the Vienna University of Technology (Austria). Before joining the academia, she worked for the United Nations Industrial Development Organization in Austria and for the ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE) in Cape Verde.

Mrs Fall holds a doctorate in Energy Economics from the Vienna University of Technology.



Raymond Tavares,
UNIDO

Raymond Tavares is a Senior Industrial Economist and Innovation Management Expert at the United Nations Industrial Development Organization. He has over 25 years interest and work experience in innovation management, technology development, quality infrastructure for international trade and development projects. Tavares holds a PhD in Industrial Economics from University of Paris 1 Pantheon-Sorbonne, and a Masters on Innovation Management from the Sant'Anna School of Advanced Studies in Pisa. He submitted a thesis for his Masters on the topic, 'Managing the innovation process in the retailing sector'.

Between 1998 and 2009, he managed several high-impact programmes such as the coordinator of technology services for the International Centre for Science and High Technology in Trieste, Italy. He implemented technology foresight and technology transfer management projects in a number of European countries within the former communist blocs – Slovenia, Hungary, Poland and Croatia. His work in Latin America had its focus on building innovation systems with focus on regions and/or sectors in Mexico, Peru and Venezuela. Tavares also managed projects in this field of practice in Indonesia and neighboring South-East Asian nations. His interests lie in the area of knowledge transfer, open innovation, research partnerships, industry 4.0 and digital trade.

For four years, he led the Sant'Anna working group Tech Bridge at the Management and Innovation (MAIN) Laboratory of the University of Sant'Anna – School of Advanced Studies in Pisa, Italy. Its goal was to drive a new concept of technology transfer based on partnership and open innovation for high tech affordable for low income markets.

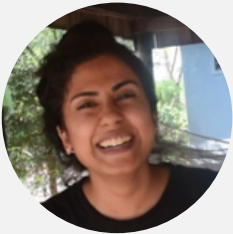
In recent years, Raymond Tavares has managed projects and programmes aiming at assisting UNIDO member states in their inclusion process in the NIR and the future of manufacturing.

Since 2020, Raymond Tavares is the UNIDO Representative in Cameroon and Central African countries.



Asad Mahmood,
Pakistan

Asad Mahmood is associated with the Renewable Energy & Energy Efficiency Sector since last twelve years. He is the member of the technical committee of the World Energy Council, Certified Productivity Specialist and Trainer on Energy Efficiency and Green Productivity. He has played a vital role in the approval process of the National Energy Efficiency & Conservation Act 2016 and is playing an important role in increasing general understanding of concerned departments about Building Energy Efficiency by-laws and taking various initiatives to develop an enabling environment for its wide scale adoption. The legislation has opened new doors / avenues for promoting, implementing and achieving Energy Efficiency and Conservation in the country, under a legal umbrella.



Nithya Menon,
Okra Solar

Nithya Menon is the product development lead and part of the founding team of Okra, an IoT technology company developing a smart, decentralized microgrid solution to make it profitable for energy companies to energize off-grid communities across Asia and Africa. She has a diverse technology background in software and electronics engineering and has dedicated her career towards sustainable development sectors in SE Asia, developing tools and services to empower rural communities.



Sabin Basnyat,
Green Climate Fund

Mr. Sabin Basnyat, is the Senior Energy Efficiency Specialist and Sector Lead for Energy Efficiency and Low Emission Transport at the Green Climate Fund. Mr. Basnyat has over 22 years of experience in energy efficiency from energy auditing to financing to policy and regulations; working across multiple regions across the globe as well as with multiple development organizations like International Finance Corporation, UN Environment and GCF. As an auditor Mr. Basnyat has conducted and supervise many energy audits across multiple industries from cement, pulp and paper, textile, chemical, to buildings, he has worked not only to identify the best EE solutions but also to set up financial mechanism like, partial risk guarantees, energy saving insurance, credit lines, vendor payment systems etc. to get these industrial efficiency measures implemented and upscaled. To ensure upscaling and uptake he has been also working with countries and other agencies to develop the enabling environment for EE to create the right atmosphere to bring in the “right” type of capital to make EE mainstream and thus build a holistic EE atmosphere.

Mr. Basnyat has a degree in Mechanical Engineering and a MBA in Finance.



Passy Ogolla Amayo,
Society for International Development

Ms. Passy Ogolla is currently serving as a Program Manager at the Society for International Development (SID); leading the implementation of the Sustainable Energy Futures (SEF) for Eastern Africa Programme's research, dialogue and evidence-based policy recommendation processes and any linkages to climate change and environmental related activities, with a focus on Ethiopia, Kenya, Tanzania and Uganda. The initial implementation stages of the SEF Programme resulted in the publication of the energy scenarios report, Energy for Whom? Scenarios for Eastern Africa, which is currently used as a tool for testing energy and climate policies, investments and choices within the Energy Reference Group. She is a member of the official Children and Youth Constituency to the United Nations Framework Convention in Climate Change (YOUNGO), and the Constituency's representative at the UNFCCC Technology Executive Committees (TEC) Taskforce on Collaboration and Stakeholder Engagement. Ms. Ogolla is the Regional Focal Point for East and Southern Africa at the United Nations Major Group for Children and Youth (UNMGCY)'s SDG7 Youth Constituency, having formerly served as the SDG16 Regional Focal Point for East Africa in 2019. 2019 stood as a pivotal year for global children and youth involvement in the global climate agenda. It is in that year that Ms. Ogolla took up more nationally focused engagements. During the 4th United Nations Environmental Assembly in Nairobi, she partnered with German youth delegates to raise awareness among young people on the climate crisis, and together partnered with Youth for Climate Kenya to organize the first Fridays for Future Climate March in Nairobi on 15 March 2019[1], delivering messages from young people to world leaders during the closing plenary of UNEA4. In May 2019, Ms. Ogolla joined with global youth to create an online climate petitions series on Change.org dubbed All in For Climate Action (AifCA), to act as a platform for raising awareness on the current global climate crisis, as well as place pressure on all citizens and world leaders to take immediate climate action for the sake of securing a sustainable future for all. The online youth movement consists of 91 young climate champions from across the globe who have mobilized more than 1.7 million signatures in support for a youth call for immediate climate action to world leaders.



Peter Bennich,
Swedish Energy Agency

Peter Bennich received his PhD degree in physics at the University of Uppsala, Sweden, in 1996. After two years working as lecturer in electronics, optics etc at the Mid Sweden University, Östersund, he moved to the Royal Institute of Technology, Stockholm, where he worked as program manager, overseeing projects in Distributed generation and Power electronic based components in the electrical grid.

Since 2002, Dr Bennich has been working with energy policies within the Swedish government, focussing on energy efficiency. In his present position as senior adviser at the Swedish Energy Agency, he is working with the EU product regulations on ecodesign (minimum energy performance standards) and energy labelling. In particular, he is covering the work on the lighting regulations.

Dr Bennich represents Sweden in the IEA Technology Collaboration Programme on Energy Efficient End-use Equipment, the IEA TCP 4E, promoting global harmonisation of policies on lighting, power electronics, electric motor systems and connected devices.

He is also engaged in the recently restarted programme on Super-Efficient Equipment and Appliance and Deployment Initiative under the Clean Energy Ministerial, the CEM/SEAD initiative.

Finally, he is responsible for the engagement of the Swedish Energy Agency in the SIDA funded project Energy Efficient Lighting and Appliances (EELA) in EAC and SADC, led by UNIDO.



Jalel Chabchoub,
African Development Bank (AfDB)

Senior International Energy Expert with deep subject matter knowledge in performing energy analyses, advising and supporting governments on the development of policies, strategies, design and implementation of Energy Efficiency (EE) and Renewable Energy (RE) projects and programs. Expert is developing and implementing Energy Services Companies (ESCOs) and Energy Performance Contracting (EnPC) and business plan development.

Certified Energy Auditors International (CEAI), Certified Measurement and Verification professional (CMVP) and one of the qualified instructors for the Efficiency Valuation Organization (EVO).

More than 25 years of experience in more than 50 countries with one of the World Leading Canadian Firm in EE consulting services on projects carried out or financed by international institutions such as the Asian Development Bank, the World Bank, the United Nations (UNDP, UNECE), USAID, and equally with bilateral development organizations. Outstanding knowledge base in energy policy and regulations, market development, and key factors driving implementation of EE&RE projects in the private and public sectors.



Dan Hamza-Goodacre,
Kigali Cooling Efficiency Program (K-CEP)

25 years advising on, designing and leading climate change solutions for governments, business and philanthropy globally.