



ACCELERATING ENERGY TRANSITION

FINAL EDITION

GALVANIZING POLITICAL ACTION

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Tareq Emtairah,
United Nations Industrial Development Organization

Mr. Emtairah's work experience spans over 22 years in developed and emerging economies with a progressive focus on sustainable industrial transformation, energy transition, policy advocacy, applied research and capacity development. Before joining UNIDO, he worked as a senior research fellow at the International Institute for Industrial Environmental Economics (IIIEE) at Lund University, Sweden where he worked with research and analysis on the transition to low carbon economies with a focus on cleaner technologies and cities. From June 2012 to 11 June 2015, he served as the executive director of the Regional Center for Renewable Energy and Energy Efficiency (RCREEE), an inter-governmental technical cooperation center based in Cairo, where he drove for the conceptualization, development and implementation of the programmatic areas of the Center for advancing policies and strategies for sustainable energy in the MENA region. Mr. Tareq Emtairah is a graduate of Lund University-Sweden, where he received a PhD in Industrial Environmental Economics (2009), and Rutgers University-USA, where he received his BS in Materials Engineering (1990).



Nurzat Myrsalieva,
United Nations Industrial Development Organization

Ms. Nurzat Myrsalieva is a Coordinator of Industrial Energy Accelerator at the United Nations Industrial Development Organization (UNIDO), a global programme aimed to catalyse transformational, high-impact programmes to accelerate global action towards industrial energy efficiency. Prior to joining UNIDO Ms. Myrsalieva worked in the Arab region supporting governments in improving the enabling environment for sustainable energy investments. She led the development of the two national action plans on renewable energy and energy efficiency in the Kingdom of Bahrain and authored many regional policy reports and publications.

Ms. Myrsalieva specializes in the design, implementation and evaluation of sustainable energy policies, strategies and regulatory frameworks, including designing country programmes for industrial energy efficiency improvement and decarbonization. She has a Masters degree in Environmental Management and Policy from the University of Lund in Sweden and a Masters in International and Comparative Law from Indiana Law School, USA.

To learn more about the work of the UNIDO Industrial Energy Accelerator please visit:
<https://www.industrialenergyaccelerator.org/>



Olivier Dubois,
FAO

Olivier Dubois (olivier.dubois@fao.org) is a Senior Natural Resources Officer and Coordinator of the Energy Program within the Office of Climate Change, Biodiversity and Environment of FAO. An Agronomist, Land Use and Natural Resource Management Specialist, he has a Masters in Agronomy, Certificates in Tropical Agriculture, Rural Economics and Sociology from the Faculty of Agronomy of Gembloux, Belgium, and a Masters in Environmental Management from the European Community Environment Programme.

He has worked on land use intensification, forest management and institutional aspects of rural development in more than 40 countries in Africa, Asia-South Pacific, Latin America, the Middle East and CIS countries, through both long term assignments with the Belgian Cooperation Agency, the German Consulting Company DFS (Deutsche Forest Service) the International Institute for Environment and Development (IIED) and FAO, and several short term missions, including for the World Bank and the European Commission.

In addition, while in FAO, Mr. Dubois coordinated the FAO bioeconomy program for five years.



Paul Kellett,
UN Environment Programme (UNEP)

Day to day management of the Global United for Efficiency (U4E) Programme, helping countries save 20% of their electricity use and save more than \$ 2 Trillion by 2030 and 2 Billion Tonnes of Greenhouse Gas and Air Pollution Annually through best minimum energy performance lighting, appliances and electrical equipment standards. Supporting full market transformation and climate friendly technology procurement programmes in more than 40 developing countries / emerging economies funded by the GEF, GCF and other Donors. New guidelines for air conditioners and refrigerators set to tackle climate change (unep.org)

Expertise

Energy Market Transformation Expert - Delivering National and Regional Level Full Market Transformations to Sustainable Energy (Renewable Energy and Energy Efficiency)- E.G. Full market Transformation to RE in Ireland

<http://smartgriddashboard.eirgrid.com/> http://climateinitiativesplatform.org/index.php/United_for_Efficiency



Rianne Teule,
SNV Netherlands Development Organisation

Rianne Teule is Senior Energy Advisor at SNV Netherlands Development Organisation, specialised in evidence-based advocacy for energy access. She is an expert on decentralised renewable energy and clean cooking. Currently she is the Portfolio and Knowledge Coordinator in SNV for projects under the multi-donor Energising Development programme. From 2016-2020, she helped empower civil society organisations in the Voice for Change Partnership to speak out on energy access issues and improve the enabling environment for inclusive and sustainable development. Rianne has over 17 years of experience in the energy sector, working amongst others for Greenpeace in Netherlands, South Africa, and many other countries.



Katrin Harvey,
Ban Ki-moon Centre for Global Citizens

Katrin Harvey is the Chief Operating Officer at the Ban Ki-moon Centre for Global Citizens. She has over a decade's experience in sustainability, climate change, clean energy, and organizational management. Having lead business development, strategic growth and communications at REEEP, she combines her academic backgrounds in language studies and international development to enhance the impact of non-profit organisations.

Katrin has managed projects in Africa and Asia in partnership with UN agencies, the EU, and development agencies, where she focused on capacity building, market development and public-private dialogue, sustainability in agri-food value chains and in managing international knowledge exchange amongst experts in energy efficiency, energy regulation and international law.



Kuda Ndhlukula,
SADC Centre for Renewable Energy and Energy
Efficiency (SACREEE)

Kudakwashe (Kuda) Ndhlukula is the Executive Director of the SADC Centre for Renewable Energy and Energy Efficiency (SACREEE) whose mandate is to promote market based adoption of renewable energy and energy efficiency technologies, practices and services contributing to the sustainable development agenda of the region.

Before SACREEE, Kuda has worked in various capacities in the energy infrastructure expert across Africa and the Middle East. In these roles, spanning over 19 years, he has formulated and executed various landmark projects.

Kuda is a Certified Energy Manager and Certified Energy Auditor. He possesses an MSc in Renewable Energy Engineering and an MBA, amongst other qualifications.



William Brent,
Power for All

William Brent is a climate solutions evangelist and entrepreneur, working to promote renewable energy and other cleantech solutions through his deep experience in branding, digital media, community engagement, content, and advocacy. As Chief Campaign Officer at Power for All, he oversees campaigns, external communications and strategic partnership for this international NGO working to end energy poverty. Prior to that, he was a senior executive and head of the cleantech practice at Weber Shandwick, an award-winning global marketing services agency and part of NYSE: IPG. He has also co-founded several media and content focused companies. He began his career as a foreign correspondent and editor in China. A native of the United States, William has deep experience working globally, having spent nearly 20 years living in Asia and Europe.



Juliane van Voorst tot Voorst,
Renewable Energy and Energy Efficiency
Partnership (REEEP)

Juliane joined REEEP in late 2018 to manage the operations of the Private Financing Advisory Network. In late 2020 she started to transition into the role of Head of Financial Instruments, supporting local financial institutions in servicing the clean energy sector. Juliane has 10+ years of experience in corporate and investment banking. During her work in São Paulo, New York and London, she was in charge of originating and structuring transactions, including project finance, acquisition financing and securitization, in emerging markets across Latin America and Eastern Europe. Juliane also worked with a Private Equity fund that invests in NGOs and social enterprises in exchange for significant and incremental social returns. This impactful experience opened her eyes to the world of sustainability. Juliane holds a bachelor degree in Business Administration and System Analysis, and an MBA from Yale University in the USA.



Christian Diendorfer,
Austrian Institute of Technology

Christian Diendorfer studied mechanical engineering with a strong focus on conventional and renewable energy technologies at the Vienna University of Technology and at the University of Arizona. Following his dissertation in the field of solar energy, he moved to the oil and gas industry, where he worked in different roles in engineering as well as portfolio management & planning. In parallel to his work, he completed an MBA in Energy Management at the Vienna University of Economics and Business (WU Executive Academy), where he specialized in strategic decision analysis and blockchain technology in the energy industry. Christian is currently employed at the Austrian Institute of Technology (AIT), where he is focusing on the decarbonization of the energy-intensive industry and a future hydrogen economy in Europe. In addition, he works on the strategic development of European research agendas in the energy sector. In his teaching activities as an external lecturer at the Vienna University of Technology and the University of Applied Science Technikum Wien, he teaches solar energy and geothermal energy respectively.



Raul Miranda,
International Renewable Energy Agency (IRENA)

Raul Miranda works on the Power Sector Transformation team at the International Renewable Energy Agency in Bonn, Germany. He evaluates the economics of hydrogen production from renewable power and its potential role as an enabler to integrate high shares of renewables into energy systems. He also assists Member Countries in enhancing power system flexibility. Besides, he analyses applied solutions to accommodate solar and wind energy considering different local energy contexts. Before joining IRENA, he was an energy researcher at the Centre for Energy and Environmental Economics and has been a research fellow in different international energy institutions. He holds a Ph.D. in Energy Planning from the Federal University of Rio de Janeiro.



Etienne Kechichian,
World Bank

Etienne Kechichian is a senior private sector specialist at the World Bank Group. Since 2013 he has led work related to Green Competitiveness, which looks to promote private sector growth through policy advice and financing measures for industries, industrial parks and circular economies in developing countries. He is currently expanding the World Bank's knowledge capacity on circular economy and leading work on the link between climate resilience of industries and competitiveness. He manages a portfolio of over 20 projects on lending and technical assistance in countries including Bangladesh, Turkey, Vietnam, Mauritania, Pakistan, Egypt, China, Cote d'Ivoire, Ethiopia, El Salvador, Guatemala, Honduras, and Haiti. Etienne's notable publications include A Greener Path to Competitiveness (2016), An International Framework for EcoIndustrial Parks (2018, 2021), Resilient Industries (2021), Circular Economy in Industrial Parks (2021) and Circular Economy in Private Sector Development (2021 upcoming). Prior to this work, Etienne worked globally on special economic zones projects. These projects helped improve the legal and regulatory framework governing SEZs in order to generate private sector investments into their development, management, and promotion.



Mateus Mendonca Oliveira,
Department for Business, Energy and Industrial
Strategy (BEIS)

Mateus Mendonca Oliveira has been in the UK civil service since 2018. He leads the international strategy for industrial decarbonisation and market creation for the COP26 presidency. Since 2019 he has been leading the development of market creation coalitions for the decarbonisation of industrial materials, aviation and shipping as well as supporting the development of government alliances for clean energy RD&D under Mission Innovation. Currently, he co-leads the development of the Industrial Deep Decarbonisation Initiative under the Clean Energy Ministerial together with India, Canada, Germany, and UNIDO.

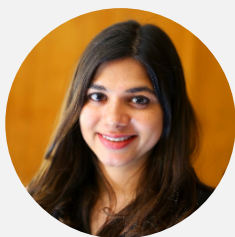
Before joining the UK civil service, Mateus was at J.P. Morgan in the investment banking sector. He worked in the humanitarian field at the Internal Displacement Monitoring Centre and was hired as an economist by the Hague Centre for Strategic Studies and the New Economics Foundation.

He holds a Masters in Economic Policy from the University of Paris 13, a Masters in International Finance and Regulation from the University of Paris Diderot and a Master of Science in Political Economy from Kingston University.



Steve Kukoda,
International Copper Association (ICA)

Steve Kukoda joined the International Copper Association (ICA) in 2004 and is currently the organization's Executive Director. Steve also serves as ICA's Corporate Secretary. Steve develops and maintains relationships with organizations external to the copper industry, including governments, intergovernmental organizations, the United Nations, the Alliance to Save Energy, Sustainable Energy For All, and more. ICA is the co-founder of United For Efficiency (U4E, www.united4efficiency.org), which is focused on transforming developing world economies towards energy efficiency. Steve is based in Washington, DC.



Kanika Chwala,
UN Environment Programme (UNEP)

As the UN Energy Programme Manager, Kanika works with the UN Secretary General's Special Representative and CEO of SEforALL, and co-Chair of UN-Energy, to advance the twin objectives of energy access and energy transition at scale, especially in the context of the SDG Decade of Action. She engages with a wide range of government and private sector decision-makers and partners to identify levers that advance SDG7 objectives, and support the UN Energy platform. Her role includes leading efforts on the development of Energy Compacts, which align energy and climate actions towards the 2030 SDG targets, and the 2050 net-zero goal.

Kanika has over ten years of experience in clean energy and energy transition policy and markets. Prior to SEforAll Kanika worked at the Council on Energy, Environment and Water (CEEW) in New Delhi, where she founded and ran the CEEW Centre for Energy Finance and the Renewable Energy programmes. She has previously also worked at the REN21 Secretariat in Paris, and was one of the authors of the REN21Global Status Report on Renewable Energy and Energy Efficiency. Her expertise lies at the intersection of energy and finance, and she has worked extensively on the creation of well functioning clean energy markets in emerging economies. Kanika also works on the political economy of renewable energy and energy transitions. Her research has been used widely by governments, electricity regulators, international agencies and strategic philanthropies.



Sara Elhag,
Regional Center for Renewable Energy and Energy
Efficiency (RCREEE)

Sara Elhag is a Senior Sustainable Energy Expert & a certified project manager working at RCREEE. She is the head of the SE Projects Implementation and Private Investment Promotion unit since 2018. Her work focus is on deployment of sustainable energy systems and increasing the adoption of renewable energies & energy efficiency in the MENA region. Core work activities include the analysis of national RE & EE strategies/plans, analysis/study of RE & EE socio-economic impacts as well as the design of EE policies and Standards with focus on EE in appliances & EE in buildings. She also focuses on energy access issues in countries in conflict and fragile situations within the region.

Coming from the engineering background, Sara has is a former Chevening Scholar and a certified project manager (PMP) and energy manager (PA-CEMP) who holds two master degrees (University of Leeds - UK) in Electrical Engineering & Sustainable Energy Systems . She is the winner of the University of Leeds Research Project Prize in 2016 for her research on: "Design of solar system to power IDP camps in Darfur". Sara's career path extends over more than 17 years of engineering experience where her technical and managerial skills enabled her to manage a number of successful multi-disciplinary and multi-nationalities projects in collaboration with regional/international partners in the MENA and Mediterranean regions. Sara is a mother of two lovely kids, a talented volleyball player who loves listening to music. She can be contacted at saraelhag80@gmail.com , sara.ibrahim@rcreee.org or via the RCREEE website at www.rcreee.org



Bethany Speer,
National Renewable Energy Lab (NREL)

Bethany Speer is a Senior Researcher at the U.S. Department of Energy's National Renewable Energy Lab, where she manages international projects with a focus on efforts related to clean energy finance, investment and public-private partnerships. Since 2016, she has served as a co-lead of the Clean Energy Investment Accelerator (CEIA), a global program co-implemented with Allotrope Partners and the World Resources Institute to address barriers to clean energy investments in the commercial and industrial sectors in emerging economies. Bethany has a Certificate from the Yale Center for Business and the Environment for Deploying and Financing Clean Energy and a Masters in Global Investment, Finance, and Trade from the Korbel School of International Studies with a concentration in Sustainable Development.



Kofi Agyarko,
Ghana Energy Commission

Kofi Agyarko is the Director of Renewable Energy, Energy Efficiency and Climate Change (REEECC) at the Ghana Energy Commission. In his 18 years' experience in the energy sector, he 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.



Satish Kumar,
Alliance for an Energy Efficient Economy (AEEE)

Dr. Satish Kumar serves as the President and Executive Director of the Alliance for an Energy Efficient Economy (AEEE). Prior to AEEE, he was the Energy Efficiency Ambassador and also led the Energy Management business at Schneider Electric India. Additionally, he has worked as a Scientist at Lawrence Berkeley National Laboratory in the past and was also the Chief of Party for a USAID-supported bilateral energy efficiency technical assistance programme (ECO-III). He has led or has been closely involved with the development and/or administration of the following initiatives: India Cooling Action Plan and National Cooling Action Plan Framework, Global Cooling Prize, Solar Decathlon India, State Energy Efficiency Index, Energy Conservation Building Code, International Performance Measurement and Verification Protocol, and Green Vehicle Rating. He has a Ph.D. from Carnegie Mellon and a B. Arch from IIT Roorkee and is a LEED Fellow and serves as a member on the TEAP's Energy Efficiency Task Force under the Montreal Protocol.