

Clean Captive Power

Insights on the **Commercial and Industrial Solar PV** market in Kenya

Webinar

May 20, 2020
Start: 2 PM CET

Moderated by Louise Strange

GDPR Principles:

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Today's agenda



1. Highlights from our Clean Captive Power report

Padmasai Lakshmi Bhamidipati, Research Fellow, UNEP DTU Partnership



2. Financing Captive Power

Hind Il-Idrissi, Associate Programme Officer, UNEP



3. Policy and Regulatory aspects of C&I solar PV

Nickson Bukachi, Senior Renewable Energy Specialist, Energy & Petroleum Regulatory Authority (EPRA)



4. Demand-side uptake of solar PV by the manufacturing industry

Sylvester Makaka, Senior Energy Advisor, Kenya Association of Manufacturers (KAM)



5. Experiences of a Kenyan solar PV company

Geoffrey Ronoh, Co-founder and Director, OFGEN



6. Q&A session



Padmasai Lakshmi Bhamidipati is a Research Fellow (Postdoc) at UNEP-DTU Partnership, Technical University of Denmark, based in Copenhagen. She is currently managing various activities in Kenya and Uganda, in support of climate technology diffusion and domestic SMEs in the solar PV sector, under the TEMARIN project. Previously, in her PhD, she focused on sustainable energy transitions (grid and off-grid solar) in East Africa. Her research adopted an integrated socio-technical and political framework to analyse the role and agency of transnational actors/networks, and examine the policy and institutional processes enabling change. She has also worked on multiple projects in the areas of policy transfer, renewable energy markets, impact evaluations, and climate mitigation. Lakshmi has previously worked (3 years) as a Sustainability and Social Consultant with ERM India Ltd. in the areas of social impact assessment, policy analysis, land/labour due diligence, CSR evaluation, and community development. She has a Master's in Environment and Development, and a Bachelor's in Economics, both from India.



Hind Il Idrissi is an Associate Programme Officer in the Energy Finance Unit at the United Nations Environment Programme. She develops and implements projects with banks and financiers to kick-start investments in clean energy technology markets and assists countries to access international climate finance. As part of her work, Hind is currently implementing a project on Clean Captive Installations for Industrial Clients in Kenya, Nigeria, Ghana and South Africa. Prior to joining UNEP, Hind worked at the International Renewable Energy Agency (IRENA) in Abu Dhabi on governance matters, and at the Regional Center for Renewable Energy and Energy Efficiency (RCREEE) in Cairo on promoting sustainable energy in the MENA Region. Hind is a French-Moroccan national, and holds a Master of International Affairs – Energy Major from Sciences Po. Paris.



Nickson Bukachi is the Senior Renewable Energy Specialist at Energy and Petroleum Regulatory Authority. His roles and responsibilities include renewable energy policy and regulation formulation, leading sector research, standards development, technical audits, and certification of renewable energy and energy efficiency sector practitioners. Nickson holds a Bachelor's Degree in Electrical Engineering from Moi University and a Master's in Energy Technology from Jomo Kenyatta University of Agriculture and Technology. He is a Certified Energy Manager, Certified Solar PV Trainer/Installer among others. He has seven (7) years' work experience in energy sector and has led renewable energy and energy efficiency sector based studies and research, regulation development and implementation, energy access programmes, solar photovoltaic certification, energy auditing of industrial, commercial and institutional facilities. Bukachi's interests include distributed generation systems, energy efficiency, research and mentorship.



Sylvester Makaka background in Electrical Engineering with vast industry experience spanning 25 years in industrial power systems and energy management in Cement industry. He is Certified Energy Manager (CEM) with vast experience in industrial energy efficiency programs. Sylvester is also a circular economy expert currently working on Green and Circular Economy program at Kenya Association of Manufacturers. Currently working as Energy Advisor at Kenya Association of Manufacturers, focusing on the areas of industrial energy efficiency, renewable energy, energy advocacy and circular economy. Specific interest in advocacy, strategy and policy formulation touching on energy pricing, renewable energy and circular economy..



Geoffrey Ronoh is a co-founder and director at OFGEN, a solar developer and EPC entity focusing on the commercial and industrial market segments. To date, the company has implemented over 5 MW of Commercial & Industrial embedded generation projects in East Africa. He holds a Master's degree in Sustainable Energy and Entrepreneurship from the University of Nottingham (K), an undergraduate degree in Electrical engineering from the University of Nairobi (Kenya) and a Certified Public Accountant Qualification from Strathmore University. He has previously served as a Director at Strathmore Energy Research Centre (SERC) and he is one of the founding consortium members of the Kenya Climate Innovation Centre. During his time at SERC, he oversaw the establishment of a Renewable Energy Training Centre which has become the institution of choice for research, training and project development for renewable energies and energy efficiency in East Africa. In addition, he has also been involved in establishment of the national curriculum, training and accreditation programs on solar technology in Kenya. Prior to that, Geoffrey was at KPMG East Africa as a Financial Consultant rising from an Associate to Managerial level. Geoffrey is passionate about solving the paradox of low levels of modern energy access in Sub Sahara Africa against a background of abundant renewable energy resources

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Thank you for listening!

UNEP DTU's Clean Captive Power report is available for download at: <https://unepdtu.org/publications/clean-captive-power/>

More information about the TEMARIN project [here](#).

The webinar has been recorded and will be available on the [UNEP DTU Partnership](#) website in the coming days.

If you have any question in relation to this project, feel free to contact Padmasai Lakshmi Bhamidipati at lakpa@dtu.dk

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