



RENEWABLE ENERGY CONFERENCE 2022 (REC22) AND EXPO
3rd - 5th November 2022
Kololo Independence Grounds, Kampala, Uganda



RENEWABLE ENERGY CONFERENCE 2022 (REC22) & EXPO

**“ Renewable Energy For Sustainable
Industrialization, Inclusive Growth and
Economic Recovery ”**

BROCHURE

Theme: “Renewable Energy for Sustainable Industrialization, Inclusive Growth, and Economic Recovery”

Tel: +256 771 482 486 | +256 200 909 591 | +256 785 728 734

Email: info@re-conf.com | Website: www.re-conf.com



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This November, between the 3rd - 5th 2022, the Ministry of Energy and Mineral Development (MEMD) through the National Renewable Energy Platform (NREP) is delighted to invite you to be part of the second edition of the unprecedented Renewable Energy Conference 2022 (REC22) at Kololo Independence grounds. Uganda is endowed with renewable energy resources across the country, and it's our responsibility to ensure their sustainable utilization. By 2021, the 1,346.6 MW installed electricity generating capacity in Uganda constituted of hydropower (1,072.9 MW), bagasse (111.7 MW), thermal (101.1 MW), and solar (60.9MW). Notably, biomass dominates Uganda's energy mix. About 90% of the total primary energy consumption is generated from biomass, which can be separated in firewood (78.6%), charcoal (5.6%) and crop residues (4.7%). Electricity contributes only 1.4% to the national energy consumption while oil products which are mainly used for vehicles and thermal power plants account for the remaining 9.7%.

Under the theme, "Renewable Energy for sustainable Industrialization, Inclusive Growth and Economic Recovery," REC22 is anticipated to have a physical attendance of up to 2,000 people comprising of energy sector stakeholders: development partners, civil society organizations, private sector, academia, government, and the public. REC22 intends to create a unifying platform for innovators, scientists, investors, partners, and consumers to tap into renewable energy investment in Uganda, share experience and lessons learned with others in their quest for better energy solutions, engage and network with prospective partners and key decision makers as well as government representatives. The conference sessions are meant to address pressing issues in the sector and provide ways forward for promoting renewable energy for sustainable development.

This year's conference is designed mainly to: i) promote exposure to novel and state-of-the-art innovations and trends in the energy sector through convergence of stakeholders, i.e., innovators, inventors, researchers, etc; ii) facilitate both Business to Individual (b2i) and Business 2 Business (B2B) interactions through; networking and advertisement of products, services, and human capital; skilled employees and interns in the sector; iii) equip participants with knowledge about Uganda's renewable Energy prospects and connect them to regional markets and potential clients.

REC22 will also have an exhibition section with booths for exhibitors to showcase their products and services in parallel with the conference sessions. The exhibition section is an all-inclusive platform for both local and international actors, i.e., manufacturers, traders, investors, regulators, financiers, developers, buyers, and professionals from across the energy sector. The exhibition will focus on renewable energy technologies, energy storage, electric vehicles, energy financing, innovation, investment, projects, and businesses. The exhibition will avail a strategic avenue to discover the full range of business opportunities and meaningful value that such energy developments and innovations bring to the energy sector. Individuals and companies will benefit from this opportunity by meeting and networking with key local and international energy sector stakeholders as well as market to their services and products.

To register and to get more information regarding partnership, exhibition stalls and participation charges, visit our website www.re-conf.com.

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- Solar Energy
- Wind Energy
- Bio-energy
- Hydro Power
- Geothermal
- Green Hydrogen

KEY HIGHLIGHTS FOR REC22

- Speeches from distinguished researchers, business gurus, policy makers and sector development partners.
- Three - day conference covering energy research, innovation, investment, policy and regulation.
- Three - day exhibition covering renewable energy and efficiency technology business, innovation, research and development.
- To be attended by representatives of leading companies from Uganda and abroad, including policy makers, project developers, financial institutions, private sector, academic institutions, civil society organizations, etc.
- Identification and appraisal of energy investment opportunities and partnerships.
- Understand and evaluate the opportunities & risks in the energy sector.
- Participation of over 2000 people from all walks of life; students, business people, policy makers, researchers, and investors from the energy sector.
- Several renewable energy focused funds & financial institutions seeking investment opportunities and partnerships.
- Excellent business networking opportunity for all participants through business-to-business meetings.
- Presentations(oral + poster) from across Uganda and abroad on development and investment opportunities in the renewable energy sector.
- One Stop investment booth

REC22 OBJECTIVES

- Avail a platform dedicated to key issues on solar, wind, biomass and small hydro in the renewable energy sector.
- Offer the best opportunity to meet, network and connect with companies and organizations in the renewable energy industry.
- Deliver on key analytics of current trends in the energy sector.
- Encourage the transfer of knowledge and aspects of energy financing
- Gather and bridge the integration gap amongst the key energy sector stakeholders.
- Render a one-stop point for energy products and services.

WHY SHOULD YOU ATTEND REC22?

- Learn of the investment opportunities in the energy sector.
- Ascertain the current research, innovation, policy and investment trends in the energy sector.
- Discover the viewpoint of the energy industry from policy makers, regulators and developers.
- Capitalize on market opportunities through shared knowledge and experiences.
- Understand the capital requirements and regulatory specifics of energy projects in Uganda.
- Meet, network and establish partnerships with other stakeholders to further your business.
- Market services and products to the ready market of over 2,000 participants.

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REC 22 KEY SPEAKERS

- **Hon. Dr. Ruth S. Nankabirwa**,
Cabinet Minister – MEMD
- **Eng. Irene Pauline Bateebe**,
Permanent Secretary - MEMD
- **Hon. Sidronius O. Opolot**,
Minister of State for Energy
- **Elsie Attafuaah, Resident**
Representative - UNDP Uganda
- **Prof. Waswa Balunywa**,
Principal - MUBS
- **Prof. Vijay Modi**,
Columbia University
- **Prof. Olvar Bergland**,
Norwegian University of Life Sciences
- **Dagmar Zwebe**,
Country Representative - GGI Uganda
- **David Otieno**,
GIZ
- **Prof. Abdellatif Zerga**,
Director-PAUWES, Algeria
- **Felix ter Heegde**,
Energy Sector Leader, SNV
- **Rikki Verma**,
CEO-Nexus Green Ltd
- **Prof. Daniel Ayuk Mbi Egbe**,
ANSOLE
- **Prof. Venkata Ramayya**,
Jimma University
- **Dr. Mary Suzan Abbo**,
Makerere University and CREEC
- **Chris Lukolyo**,
Digital Country Lead, UNCDF
- **Patrick Mugisha**,
Innovent Labs Africa

- **Federico Qüerio**,
World Bank
- **Jesus Manuel**,
EU
- **Gavin de Costa**,
FCDO

- Conference
- Exhibition
- Side Event
- Awards

PARTICIPATION FEE

Early Bird Registration before September 15, 2022

- Students: **USD 60**
- Non-students: **USD 100**
- Exhibitor Space: **USD 1,000**
- Side Event Session Sponsor: **USD 1,000**

Entry to exhibition is free of charge to the general public.

After September 15, 2022

- Students: **USD 100**
- Non-students: **USD 150**
- Exhibitor Space: **USD 1,500**
- Side Event Session Sponsor: **USD 1,200**

Note: A possibility of visiting tourist sites around Uganda by participants after the REC22 is under consideration and more details will be communicated on the website soon.

EXHIBITION PACK INCLUDES

- Booth 5 x 5 sqm
- 1 table
- 2 chairs 1 socket
- 2 exhibitor IDs
- Booth Signage with the company name

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AWARDING OF BEST PERFORMERS:

Best performers from different categories, such as, youngest innovator, youngest research, outstanding exhibitor, Best oral presenter, Best poster presenter, lifetime achiever, Outstanding private sector company, Main conference sponsor and more. Therefore, all participating stakeholders should take note that they are potential awardees at REC22. More information is shared on REC22 website.

REC22 SPONSORSHIP & PARTNERSHIP OPPORTUNITIES

Details for sponsorship and partnership are provided in pages below.

DELEGATE STAY

Available and approved accommodation is shared on the conference website for delegates' reference. Please get in touch with the REC22 team for assistance on accommodation.

REC 22 TOPICS

Topics considered for the REC22 include, but not limited to:

- Community electrification (pico-, mini- and micro-grid) using renewable energies
- Renewable energy generation (solar, wind, geothermal, hydro, biomass)
- Renewable Energy and Oil & Gas Development Integration
- Energy storage
- Demand-side energy management
- Waste-to-energy conversion
- Renewable energy business models
- Approaches for addressing the existent

electricity infrastructure challenges (i.e., electricity theft and vandalism)

- Renewable energy in water resource management
- Nexus between renewable energy and the other sustainable development goals
- Modelling energy-community development nexus
- Renewable energy use in the agriculture, health and other sectors
- Energy policy and expansion of energy access
- Artificial intelligence and digital space in energy sector
- Smart grid
- Green hydrogen
- Renewable energy and energy security
- Renewable energy for cooking
- Energy finance
- Carbon markets
- Energy mainstreaming and decentralization
- Energy for parish development model
- Energy communities of practice
- Energy digitalization

Note: More topics of discussion are shared in the tentative schedule on the conference website.

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REC-22 COMMITTEES REPRESENTATIVES

- **Dr. Brian E. Isabirye**,
Commissioner - Renewable Energy, MEMD
- **Eng. Simon Peter Ssekitoleko**
Ass. Commissioner, MEMD
- **Eng. Komakech Akena**,
CHAIRMAN UNREEEA
- **Dr. Nicholas Mukisa**,
CEO UNREEEA
- **Ms. Cotilda Nakyeyune**
Program Manager - Climate Justice,
CARE Uganda
- **Ms. Eve Mashoo**
Communications and M&E Specialist, GIZ
- **Peace Kansiime**
Energy Advisor, SNV
- **Mr. Michael Kiza**
National Coordinator - Climate Aggregation
Platform, UNDP
- **Ms. Jackline Ahimbisibwe**
Consultant, Zoe Recruitment Ltd.
- **Ms. Deborah Amulen Okwalinga**,
Associate, Outcome Communications Ltd.

NREP BACKGROUND

Despite the significant role renewable energy plays, the sector remains constrained with challenges, duplicated efforts, and siloed actions from partners. And while, private sector players, development partners have led and contributed towards RE-technology development and deployment, capacity building, and information and awareness creation, most of the initiatives in place (current and planned), have not kept pace with needed improvements in physical infrastructure and electrification targets for the country. Thus, the renewable energy sector in Uganda is

fragmented. Limited in integrated planning, lacks quality assurance, monitoring and evaluation, clear reporting, and knowledge dissemination culture. This fragmentation has escalated duplication of efforts, exposed the gaps in quality assurance and constrained experience in ensuring system sustainability. Moreover, with such modus of development, it is difficult to hold entities accountable, and any dialogue with end users/customers is reduced to "hear say" which tends to taint the image of certain renewable energy technologies, and the energy sector as whole.

As such, there is critical need for strengthening and sustaining the effort for coordination of the renewable energy sector planning, implementation, monitoring as well as charting a way that the sector can be unified towards a common cause. It is against this backdrop that the Ministry of Energy and Mineral Development (MEMD) sought to get involved, to support coordination amongst the sector stakeholders, players, and actors through a common platform. Thus, a National Renewable Energy Platform (NREP) was formed to bring together all RE sector actors.

NREP OBJECTIVES

- Optimize coordination of players /stakeholders and increase access to wider partnership opportunities in the development and delivery of collective actions to address shared challenges in the renewable energy sector.
- Shape and develop a harmonized strategic direction for the renewable energy sector
- Act as a platform that consolidates all relevant national RE policies, regulations and

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institutional framework on an on-going basis.

- Strengthen private sector and institutional capacities in the renewable energy sector
- Ensure quality assurance of technology implementation within the renewable energy sector
- Strengthen national and global partnership to improve access to low-cost finance for RE&EE
- Improve access to pristine management of information, including funding opportunities for the renewable energy sector in Uganda and regionally.
- Conduct scientific and research studies, develop, and introduce new technologies.

Note: An annual Renewable Energy Conference (REC) is one of the deliverables of the National Renewable Energy Platform (NREP). REC22 is the second conference to be organized by NREP. Unlike REC21, REC22 has been broadened to include an exhibition and side events alongside the conference. Pur-**pose** to be part of REC22 events on **3-5th November 2022 at Kololo Independence Grounds, Kampala Uganda.**

The Renewable Energy Conference offers:

- Government, regulators, civil society organizations, development partners, academia, innovators, and investors the opportunity to engage in one-on-one meetings, reaching clients and consumers to discuss potential projects and new opportunities.
- The REC22 offers a 2 in 1 experience that includes sessions with speakers and a physical exhibition.
- Networking sessions will give way to important opportunities to forge new partnerships, explore investment opportunities, gain valuable insights, and exchange contact details with key players across the spectrum.



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OUR SUPPORTERS



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