



Concept Note

ECOWAS Sustainable Energy Forum (ESEF) 2022

Achieving Sustainable Energy Targets in the ECOWAS Region:
Moving from Resilience to Transition!



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ECOWAS SUSTAINABLE ENERGY FORUM (ESEF) 2022

Achieving Sustainable Energy Targets in the ECOWAS Region.
Moving from Resilience to Transition!

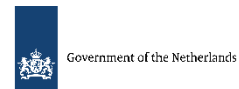
31st October - 1st November 2022

Transcorp Hilton
Abuja, Nigeria

Under the high patronage of the President of the Federal Republic of Nigeria

H.E. Muhammadu Buhari

SPONSORS



PARTNERS



CONTEXT

The ECOWAS region remains resolute in its resolve to ensure “a community of peoples fully integrated in a peaceful, prosperous region, with strong institutions that respect fundamental freedoms and work for inclusive and sustainable development” (ECOWAS Vision, 2050). However, without adequate access to affordable, and clean energy, this people-centered and inclusive regional vision and aspiration may elude its over 300 million citizens in the region (ECOWAS, 2022)¹

While energy is acknowledged as the backbone of every economy, currently energy poverty still prevalent in the ECOWAS region, with only 55.5% of the population having access to grid electricity in 2020 (ECREEE) and with traditional biomass accounting for 80% of the domestic energy needs.²The main challenges facing the ECOWAS’ energy market include the constant deficit in production and transmission of electricity, high electricity prices, high reliance on hydrocarbon resources putting a significant strain on public finance and leaving states highly exposed to oil price and supply volatility, as well as negative environmental impacts, and lack of adequate investment in clean energy. If not properly addressed, the lack of access to energy will indeed continue to hamper progress on meeting the Sustainable Energy Goals (SDGs).

Nevertheless, the ECOWAS region consisting of fifteen (15) sovereign nations has vast renewable energy resources that can be harnessed for the benefits of a regional sustainable energy power market for economic growth, prosperity, and environmental sustainability.

Consequently, much has been done to move in that direction. regional sustainable energy policies, namely the ECOWAS Renewable Energy Policy (EREP)³, the ECOWAS Energy Efficiency Policy (EEEP)⁴, including policies on Bioenergy and Gender Mainstreaming in Energy Access, were adopted by The Authority of ECOWAS Heads of States and Governments in 2013 and 2017 respectively to address the challenges in the region. These policies have enabled the ECOWAS member states to define a common vision for increased use of renewable energy sources such as solar, wind, hydro and biomass for electricity generation and other energy services and to increase the share of renewable energy in the region’s overall electricity mix and to interconnect the regional electricity market to allow for reliable and affordable electricity supply to ECOWAS citizens. Even with considerable progress, several challenges are still delaying progress towards achieving these targets by 2030.

For instance, assessment of the 2018 regional progress on grid-connected renewable energy (comprising small hydropower, solar PV, wind, and biomass) contributed only 3% of the overall installed capacity in 2020, which is far off the mark of 19% the region is aiming for by 2030. Also, the energy access targets through decentralized systems are also far from being achieved. For instance, the region aims to have at least 60,000 Clean Energy Mini-Grids (CEMGs) by 2020 and 128,000 by 2030. However, only 600 CEMG are currently operational in the region.

In addition, the changing global energy landscape brought about by the impacts of COVID-19, Climate Change, and crisis in Ukraine, have revealed the vulnerability of energy systems across the world and has shown the need for more resilient energy systems. Specifically, the need for interdependencies and collaboration within the ECOWAS region, to benefit from each other’s resources. Even the more

¹ <https://ecowas.int/member-states/>

² Regional Progress Report 2018 on Renewable Energy, Energy Efficiency and Energy Access in the Ecowas region pg 9.
http://www.ecreee.org/sites/default/files/documents/regional_progress_report_2018_final.pdf

³ http://www.ecreee.org/sites/default/files/documents/basic_page/ecowas_renewable_energy_policy.pdf

⁴ http://www.ecreee.org/sites/default/files/documents/basic_page/ecowas_energy_efficiency_policy.pdf

positive changes in the energy sector, such as, innovative technologies, decentralization, and digitization, makes for a compelling case for all stakeholders, to foster concrete progress towards achieving region's ambitious sustainable energy targets for resilience and a move away from fossil fuels

In this framework, the specialized agency of the ECOWAS for promoting renewable energy and energy efficiency, the ECOWAS Centre for Renewable Energy and Energy Efficiency ([ECREEE](#)), in collaboration with its partners will organize the **7th Edition of the ECOWAS Sustainable Energy Forum (ESEF 2022) with the theme - *Achieving Sustainable Energy Targets in the ECOWAS Region: Moving from Resilience to Transition*** to discuss and proffer solutions to the challenges hampering the development of a regional sustainable energy market, examine policies needed to improve energy security and achieve Sustainable Development goal (SDG 7) and what is needed to transition to a low-carbon energy trajectory in the region.

ESEF 2022 will take place from 31st **October to 1st November 2022 in Abuja Nigeria**. The 2-day event will feature rich insights, networking, and business opportunities for participants.

This 7th edition of ESEF is special in many ways. It will be the first face to face ESEF since the COVID-19 pandemic, be hosted for the first time in the city of Abuja, the headquarter of the ECOWAS commission, will also feature back to ESEF, the IRENA investment forums and the International Off-grid Renewable Energy Conference and Exhibition (IOREC), from the 2nd to 4th November. All 3 events will be featured as part of the **International Energy Transition Week (IETW), Nigeria**.

OBJECTIVES AND WHAT TO EXPECT

The main objectives of ESEF are to

1. Foster concrete progress in the attainment of the ECOWAS region's sustainable energy targets.
2. Showcase and facilitate investment opportunities in the ECOWAs region's sustainable energy sector.
3. Provide a platform for networking and improving the policy and regulatory landscape for private sector investment through engagement between ECOWAS policy makers, regional and international private sector players, and financial institutions
4. Promote cooperation and partnerships to accelerate the development of a viable regional electricity market.

What to expect at ESEF 2022:

- Inform and raise awareness on progress towards achievement of the ECOWAS sustainable energy targets while highlighting the role of various stakeholders in fast-tracking further development.
- Highlight barriers preventing an increased engagement of the private sector in scaling-up renewable and energy efficiency markets in the ECOWAS.
- Share best-practices and innovations in terms of technological solutions and business models in utility scale and off-grid renewable energy sector.

- Spur discussions on the role of renewable energy and energy efficiency in the recovery of the economy and in building resilient value-chains.
- Highlight concrete steps countries in the region are taking to promote energy transition.

ESEFF 2022 OVERARCHING THEMES

The agenda features a series of panel discussions, presentations from high-level delegates from public and private sector. All sessions will simultaneously be interpreted in the three (3) ECOWAS languages (English, French and Portuguese).

PARTICIPANTS

ESEF 2022 will bring together **diverse group of stakeholders from within and outside the region. The expected participants include** high-level representatives from government such as Ministers and Directors of Energy especially those responsible for renewable energy, regional and international development partners/donors, regional and international private sector companies, financial institutions, academia and research and civil society representatives.



EXHIBITION & B2B MATCHMAKING

This year's event provides an opportunity to feature an exhibition for organizations looking to showcase their products and services. The exhibition is open to all actors across the sustainable energy value chain (manufacturers, EPC contractors, financing institutions, distributors, suppliers, etc.).

Information (fees and conditions) on the exhibition is available on page 8 of the ESEF sponsorship package here: [ESEF Sponsorship and Exhibitions](#)

ESEF2022 will host an innovative Business-to-Business (B2B) Matchmaking to serve as an avenue to foster partnerships, business development and investment.

EVENT LOCATION

The forum will be held at the Transcorp Hilton Abuja. It will be an onsite event. As the world continues to adjust to the impact of COVID-19, the organizers will work to ensure that the event venue implements all necessary COVID-19 safety and health protocols to ensure the safety of participants and a risk managed approach to hosting the event. Participants of ESEF2022 are however advised to be vaccinated against COVID-19 to ensure their safety and security.

ABOUT ECOWAS SUSTAINABLE ENERGY FORUM (ESEF)

The ECOWAS Sustainable Energy Forum (ESEF) is the premier energy event in West Africa for West Africa. It was instituted in 2017 by the ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE) to discuss and identify ways to support the investment and policy initiatives of ECOWAS member states.

ESEF is a demand-driven and result-oriented event, which aims to facilitate investments in the regional renewable energy sector. The forum also promotes cooperation and partnerships to accelerate the uptake of a viable market for sustainable energy solutions in the ECOWAS. **ESEF** is also a platform for improving the policy and regulatory landscape for private sector investment through engagement between ECOWAS policy makers, regional and international private sector players, and financial institutions.

In five years, **ESEF** it has established itself as the **“go-to” rendez-vous for energy stakeholders in West Africa** bringing together more than 1000 stakeholders over the years, including heads of states, ministers and head of renowned developmental organizations, finance institutions and private sector in the energy and climate sector.

FORUM AGENDA

DAY 1		ECOWAS SUSTAINABLE ENERGY FORUM (ESEF) 2022 31st October – 1st November
	8.00 – 9.00	REGISTRATION – ENTRANCE TO TRANSCORP HILTON – ENTRANCE CONGRESS HALL
	9:00 – 9:45 (Congress Hall)	JOINT HIGH-LEVEL OPENING - ECOWAS SUSTAINABLE ENERGY FORUM (ESEF) 2022 – CONGRESS HALL
		<ul style="list-style-type: none"> — H.E. M. Juan Ignacio Sell, Ambassador of Spain to the Federal Republic of Nigeria and ECOWAS — Dr Omar Alieu Touray, President of ECOWAS Commission — H.E. Prof. Yemi Osinbajo, Vice-President of the Federal Republic of Nigeria
	9.45 – 10.00	Group Photo
	10:00 – 11:30 (Congress Hall)	HIGH-LEVEL DIALOGUE <u>Fostering Energy Transition Investments in West Africa</u> <u>Moderated Panel Discussion</u>
		<p><u>Moderator:</u> Professor Abubakar Sani Sambo OON, Chairman of the Nigerian Member Committee of the World Energy Council (WEC)</p> <p><u>Panelists:</u></p> <ul style="list-style-type: none"> — Hon. Eng Abubakar D. Aliyu (FNSE), Minister of Power, Federal Republic of Nigeria — H.E. Chief Timipre Marlin Sylva, Minister of State for Petroleum Resources, Federal Republic of Nigeria — H.E Augusto Poquena, Minister of Energy and Industry, Guinea Bissau — H.E Madame Aïssatou Sophie Gladima, Minister of Petroleum and Energies, Senegal — H.E. Mr Alexandre Dias Monteiro, Minister of Industry, Trade, and Energy, Cabo Verde — Hon. Mr Sediko Douka, ECOWAS Commissioner of Infrastructure, Energy and Digitalization
11:30 – 12:00	Coffee break	

	12.00 - 13:30 (Congress Hall)	<u>Tracking Progress of ECOWAS Sustainable Energy Policies and launch of EREF 2030</u>	
		<u>Moderator:</u> Ambassador Hussein Alfa Nafo, Spokesperson Africa Group of Negotiators (AGN) and GCF Board Member	
		Keynote Presentation: Jean Francis Sempore, Executive Director, ECREEE	
		Panelists:	
		<ul style="list-style-type: none"> — Deputy Energy Minister, Hon. Dr. Mohammed Amin Adam, Vice Minister of Energy, Ghana — Prof Abubakar Sani Sambo, Chairman, Nigerian Member Committee of the World Energy Council (WEC). — Dr. Joy Ogaji, Executive Secretary, Association of Power Generation Companies (APGC), Nigeria — Mrs. Salamatu Baba Tunzang, CEO, Renewable Energy Association of Nigeria (REAN) — Dr. Malle Fofana, Regional Director for Africa, Global Green Growth Institute (GGGI) — Mr. Benjamin Duke, Head of Programme, Nigeria Energy Support Programme (NESP) 	
	13:30 – 14.30	Lunch	
	14.30	ESEF TECHNICAL SESSIONS	

		CONGRESS HALL	KANO	DELTA
	14.30 – 16.00	<p><u>Green Hydrogen as a driver for Energy Transition and Potential Game Changer for Economic Growth in West Africa.</u></p> <p><u>Moderator:</u> Ibrahim Niane, Director of Electricity, Ministry of Energy, Senegal</p> <p>Scene Setting presentations:</p> <ul style="list-style-type: none"> — Prof Boubié GUEL, University Joseph KI-ZERBO, Ouagadougou: Green hydrogen: concept and production technologies • Prof Rabani ADAMOUI, University Abdou Moumouni, Niamey: Green hydrogen potential in West Africa: opportunities and challenge 	<p><u>Accelerating Access to Clean Cooking in the ECOWAS region</u></p> <p><u>Moderator:</u> Mr. Ewah Eleri: Chairman of Nigeria Clean Cooking Alliance.</p> <p>Panelists/Speakers:</p> <ul style="list-style-type: none"> — Malick GAYE, Technical Advisor to the Ministry of Petroleum and Energy, Coordinator of the National Domestic Biogas Program (PNB-SN) — Lilian Aremu: Co-Founder/General Manager, KIKE (SMEFUNDS), Lagos – Nigeria 	<p>Implementation Status of National Energy Efficiency Action Plans (NEEAP) in The Building and Industry Sectors in ECOWAS Member</p>

		<ul style="list-style-type: none"> • Dr. Bruno KORGO, Regional coordinator Renewable Energy and Green Hydrogen, WASCAL: WASCAL's initiatives on green hydrogen development in West Africa <p>Panelists/Speakers:</p> <ul style="list-style-type: none"> — Ms. Asma Diallo, Head of Strategy & Operation, Hydroma Inc. — Mr. Mumuni Savadogo, Executive Director, WASCAL — Mr. Abubakar Dasphima, Director of Energy, Ministry of Power. — Dr. Christoph Rövekamp, Head of Division, German Federal Ministry of Education and Research (BMBF) 	<ul style="list-style-type: none"> — Mallam Farouk A Salim: Director General of Standards Organization of Nigeria (SON) — Anastasia Oikonomou, International Partnerships Officer, Delegation of the European Union to the Federal Republic of Nigeria and to the ECOWAS Commission — Sahr Abraham Grass-Sessey: Managing Director, ILEM-Africa 	
	16.00 – 16.30	Coffee Break		
	16.30 – 17.30	<p><u>Developing a Regional Solar Off-Grid Market and Access: Regional Off-grid Electricity Access Project (ROGEAP)</u></p> <p>Moderator: Guei Guillaume Kouhie, principal RE officer, ECREEE</p> <p>Keynote Presenter:</p> <ul style="list-style-type: none"> — Elhadji Sylla, Special Advisor to the Commissioner, ROGEAP — Oumar Diarra, Principal Finance Expert, ROGEAP <p>Panelists:</p> <ul style="list-style-type: none"> — Michael Sinsin, CEO, ARESS — Habiba Ali, CEO, Sossai 		<p>Implementation Status of National Energy Efficiency Action Plans (NEEAP) in The Building and Industry Sectors in ECOWAS Member</p>

		<ul style="list-style-type: none"> — Eniola Fatimilehin, Business Development Director, ZOLA ELECTRIC — Owoeye Olakunle, VeraSol Dr. Sanusi Ohiare, Executive Director, Rural Electrification Fund (REF) 		
	17.30	End of Day 1		
	19.00	Ministerial Dinner Hosted by Minister of Power, Federal Republic of Nigeria		
Day 2		Day 2 ECOWAS SUSTAINABLE ENERGY FORUM (ESEF) 2022		
		CONGRESS HALL	KANO	DELTA
	9.00 – 10.30	<p><u>Scaling up Utility Scale Renewable Energy for Integrated Power System: The West African Clean Energy Corridor -WACEC</u></p> <p>Moderator: Mr. Mansour Assani Dahouenon, Head of Promotion of Climate Friendly Electricity Market Programme in ECOWAS Region, GIZ</p> <p><u>Panelist/Speakers:</u></p> <ul style="list-style-type: none"> — Mr. Bayaornibe Dabire ECOWAS Director for Energy — Mr. Laurent TOSSOU - President of ERERA, Ghana — Mr. Siengui Apollinaire, Secretary General West African Power Pool (WAPP) — Mr. Jean Francis Sempore, Executive Director of ECREEE, Cabo-Verde. 	/	<p><u>Circular Economy: A Pillar for Energy Transition and Resilience Building</u></p> <p><u>Moderator:</u> Sheri Adegbenro, Eko Electricity Distribution PLC</p> <p><u>Panelists:</u></p> <ul style="list-style-type: none"> — Adewole Taiwo, LAWMA, WasteXchange, Amuwo odofin Local Government SDG Unit on Environmental Sustainability — Godfrey Ogbemudia, EU to Nigeria — Emmanuel Danso, Up-link — Madam, Vicky G. KONDI AKARA, Climate Scientist in Energy -Climate- Environment African Institute for Mathematical Sciences (AIMS), RwandaGrace KPAN, Cofounder Light On, Cote d’Ivoire

	10.30 - 11.00	Coffee Break		
		CONGRESS HALL	KANO	DELTA
	11.00 - 12.30	<p align="center"><u>Clean Energy Mini-grids Development in The ECOWAS Region</u></p> <p>Moderator: Sire Diallo, Technical Coordinator</p> <p>Panelists:</p> <ul style="list-style-type: none"> — Engr. Ahmad Salihijo (REA Nigeria) — Engr. Hamidine, DG (ANPER) — Engr. Alfred Dieng (ASER) — Sarah Odumegwu-Ojukwu, Business Development & Partnerships Manager, ENGIE Energy Access Nigeria — Mr. Alexander C. Obiechina, CEO, ACOB Lighting Limited 	<p align="center"><u>Capacity Building and Skills Certification Systems in Renewable Energy</u></p> <p>Moderator: Sonja Zahed, Capacity Development Advisor, GIZ project on promoting of a climate-friendly electricity market in the West African region</p> <p>Panelist/ Speakers:</p> <ul style="list-style-type: none"> — Ibrahim Soumaila, ECREEE seconded by GIZ — Sharon Kaburuk, Nigerian Energy Support Programme (NESP), National Clean Energy Skills Certification Scheme- Nigeria — M. Jean Marcel AMOAKON, CODINORM — Dr. Bruno KORGO, Regional Coordinator -Renewable Energy and Green Hydrogen, WASCAL. — Gilson Correia, Chairman of the Board of Directors of Center for Renewable Energy and Industrial Maintenance (CERMI) Cape Verde. 	
	12.30 - 13.30	Lunch		

	<p>13.30 – 15.00</p>	<p><u>Sustainable Transport Initiatives in West Africa and funding Opportunities</u></p> <p>Moderator: Minister Abdou Fall, ECOWAS Sustainable Energy Champion</p> <p><u>Panelists:</u></p> <ul style="list-style-type: none"> — Eng. Helder Lima, Ministry for Industry, Commerce and Energy, Cabo Verde — Mr. Marc Freitas, Directeur Général Sustainable Solutions for Africa, Togo — Mr. Edson Mendes, Center for Renewable Energy and Industrial Maintenance (CERMI) Cape Verde — Mr. George Kwadwo Appiah, Chief Executive Officer/Cofounder Solar Taxi Ghana — Mr. Ademola Ogunbanjo Executive Vice President, Oando Clean Energy, 	<p><u>Progress On Implementing the ECOWAS Policy for Gender Mainstreaming in Energy Access</u></p> <p>Moderator: Ifey Ikeonu, Energy Policy, Markets, and Regulation Consultant.</p> <p>Presenter: Dr Adama Jallow, Gender Focal Point, Ministry of Energy, the Gambia</p> <p><u>Panelists:</u></p> <ul style="list-style-type: none"> — Raquel Ferrando Sellers, Head of the Spanish Cooperation for ECOWAS (AECID)Chimereze Nwosu, Renewable energy advisor with the Nigerian Energy Support Programme (NESP), GIZ — Madam Kantiono Marie Blanche, Gender Energy Specialist, Burkina Faso 	<p><u>ECOWAS Water and Energy for Food Initiative</u></p> <p>Moderator: Minister Abdou Fall, Senegal</p> <p>Keynote Presenter: Claudine Loa-Amanfou, Business development Expert, WE4F</p> <p><u>Panelist:</u></p> <ul style="list-style-type: none"> — Minister Abdou Fall, ECOWAS Sustainable Energy Champion — Salif Sow, Technical Assistant, ECOWAS — Francis Odum, CEO, Africa Sustainable Energies — Kadija Simboro, CEO, Farafina Eco Engineering — Olumide Lawson, Partner, Sahel Capital
	<p>15.00 – 15.30</p>	<p>Coffee Break</p>		
	<p>15.30 – 16.30</p>	<p><u>Ministry of Power, Nigeria Event</u></p>	<p><u>Donor Round Table for identified WACEC Projects</u></p> <p>Presentation of WACEC projects</p> <p><u>Speakers:</u></p> <ul style="list-style-type: none"> — Dr Joy Ogaji, Executive Secretary of the Association of Power Generation Companies (APGC), Nigeria — Brian Baltimore Senior Transaction Advisor (Power Africa West Africa Energy Program), 	<p>Technological, Business and Financial Innovation in Energy Development- Private Sector Roundtable</p> <p>- Understanding PAYGO Technology/ Business Models and Access to Finance and</p> <p>B2B style format</p>

			— Managing Director, Head of Infrastructure Equity, Infrastructure & Climate Group	
		16.30 – 17.00	Closing Ceremony of ESEF 2022 - Congress Hall	
		17.00	Cocktails and ESEF Awards - Hosted by the Federal Ministry of Power, Nigeria – Congress Hall	



ESEF 2022

ECOWAS Sustainable Energy Forum

The ECOWAS Sustainable Energy Forum (ESEF 2022) is organized by
the ECOWAS Centre for Renewable Energy and Energy Efficiency
(ECREEE)

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