



ECOWAS SUSTAINABLE ENERGY FORUM ESEF 2024

Towards a Just Energy Transition in West Africa

Sustainable Bioenergy & Clean Cooking Solutions in the ECOWAS Region

Parc des Expositions - Abidjan, Côte d'Ivoire
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Session 8: Sustainable bioenergy & Clean cooking solutions in the ECOWAS region

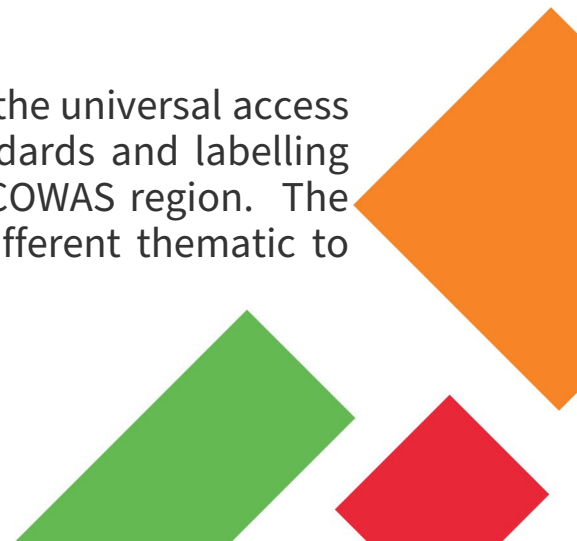
Background

Almost 60 % of Total Final primary energy Consumption comes from biomass. About 90% of the rural population use traditional biomass (firewood and charcoal) for their cooking energy need. Unfortunately, they are produced unsustainably and used inefficiently. The excessive dependence of populations on traditional biomass contributes to the destruction of forests and land degradation, causes health problems mainly women and children, accentuates social problems (gender inequalities and poverty) and contributes to climate change.

It is therefore essential to promote the transition towards sustainable production and use of renewable biomass for cooking (biogas, ethanol, pellets, briquettes, sustainable charcoal, etc.), heating and electricity production to meet the energy needs of the populations of West Africa.

It is in this light that, the ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE) and its Partners are intensifying their actions to address the access to energy and clean cooking solution through various intervention strategies such as the implementation of the ECOWAS Bioenergy policy adopted in 2017, and the West Africa Clean Cooking Alliance (WACCA) initiative launched in October 2012.

This session aims to explore The way to accelerate the use of sustainable bioenergy to contribute to the universal access to energy and clean cooking solutions by 2030 through the adequate policy and regulation, Standards and labelling scheme; promotion of innovative technologies, adequate financing mechanism for the sector in ECOWAS region. The speakers from public, private sector and financial and technical organizations will intervene in different thematic to share their experience and made recommendations to guide ECREEE's future actions.



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Session Overarching Questions/Objectives:

- How bioenergy can help address the issue of access to clean cooking in the ECOWAS region
- Adequate Policies and regulatory framework to be put in place to ensure the sustainability in the governance of bioenergy and the clean cooking sector and attract investment;
- The impact of Standards and labelling scheme for the sustainable biofuels & cooking technologies using biofuels on clean cooking market in the ECOWAS Region?
- How can bioenergy contribute to addressing the issue of access to clean cooking in the ECOWAS region?
- What is the state of penetration of biofuel production technologies and cooking equipment using biofuels in the ECOWAS region and what are the obstacles to their popularization / adoption?
- Role and place of the private sector, sustainable business models for clean cooking technologies dissemination using sustainable biofuels?
- Adequate financing mechanisms and instruments to support the sector



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Welcome and Introduction by the Moderator (4 minutes)

Short presentation of the panelists by the Moderator (who is here?) (4 minutes)

Short Presentations / Inputs of each panelist (28 minutes in total)

- Panelist 1: 8 minutes
- Panelist 2: 8 minutes
- Panelist 3: 8 minutes
- Panelist 4: 8 minutes

Short summary of the presentations by the Moderator and opening floor for discussion (4 minutes)

Moderation of interactive exchange between the panelists and the audience (15 minutes)

Closing & Thanking the panelists and the audience for their interest (4 minutes)

**Session is
foreseen
for about 1
or 1:15**



Session 8 : Sustainable bioenergy & Clean cooking solutions in the ECOWAS region

Moderator: Dr. Mourima Mai Moussa, General Secretary of "Alliance pour le Biodigesteur en Afrique de l'Ouest et du Centre" (AB-AOC)

Panelists:

- Mrs. Sola Fatoba, Policy and Communications Lead, West Africa, BURN manufacturing
- Mr. Valere EDI, Cofunder of EDINDIA INDUSTRY
- Mr. Dan Seals, President, Pivot Clean Energy Co.
- Mr. Ibrahim Traoré, Head of Climate Project Development at BOAD



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Moderator: Dr. Mourima Mai Moussa General Secretary of "Alliance pour le Biodigesteur en Afrique de l'Ouest et du Centre" (AB-AOC)



Dr. Mourima MAÏ MOUSSA, an expert in energy and climate change, holds an engineering degree and a doctorate in natural resource management. He has held senior positions in Niger, including at EMIG, AGRHYMET-CILSS and the Ministry of Energy. He is also a permanent member of CONACILSS and headed the Engineering Department at ANPER. He currently holds the position of Executive Secretary of the Alliance for the Biodigester in West and Central Africa (AB.AOC). His goal is to contribute to the promotion of biodigester technology in Africa and to make AB.AOC a Center of expertise and competence on biodigesters. With the collaboration of governments and partners, he plans over the next five years to make biodigester technology an integrated tool for socio-economic development in the member countries of the Alliance.



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Panelist: Mrs. Sola Fatoba, Policy and Communications Lead, West Africa, BURN Manufacturing



Sola Fatoba is the Policy and Communications Lead for West Africa, where she drives stakeholder engagement to foster positive policy decisions. With over 20 years experience in policy, government affairs, and strategic stakeholder engagements. She has driven impactful initiatives across diverse regions, including the United States, EMEA, Commonwealth of Independent States and Asia Pacific. Her diverse experience includes leading strategic communications and stakeholder engagements at a top 10 Global Pharma, GlaxoSmithKline (GSK), where she supported critical business priorities across the Pharmaceutical, Vaccine, and Consumer Health businesses. She was a key player during the high-profile demerger into a standalone Biopharma and Consumer Healthcare companies, as well as during GSK's African business integrations following the Pfizer and Novartis acquisitions, and post-divestment transition of key brands.

Sola's professional journey has allowed her contribute to landmark initiatives such as the Massachusetts Bay Transportation Authority's "Big Dig" project, the largest and most intricate highway project in U.S. history, as well as leading as the Chief Executive of the Jim Ovia Foundation, one of the largest non-profit organisations in Nigeria. She has also demonstrated other multifaceted expertise, sitting across several boards such as Nigeria's first crowdfunding tech platform, a health-tech mental health company which she co-founded, and an all-female-led recycling company, reflecting her commitment to social impact and innovation.

Sola holds an MBA from the University of Suffolk (UK), an Executive Management Certificate in Social Entrepreneurship from the Stanford Graduate School of Business (USA), a Bachelor of Science in Engineering Technology with a concentration in Architecture from the Wentworth Institute of Technology (USA). She is an Accredited Public Relations Professional with the Chartered Institute of PR, UK.



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Panelist: Mr. Valere EDI, Cofunder of EDINDIA INDUSTRY

Edi Abe Valère is an Ivorian entrepreneur, co-founder of EDINDIA INDUSTRY and Founder of POWER GREEN IVORY, employing 25 people in Akoupe and Agboville.

A bioprocess and agri-food engineer, he is passionate about innovation and agro-industry. He transforms cassava into high value-added products, including 100% improved bread flour, glucose syrup and bioethanol from cassava waste. His company, based in Côte d'Ivoire, focuses on sustainable solutions, such as the use of bioethanol for clean cooking on the one hand and the energy mix with gasoline (E10) for gasoline vehicles.

He is an expert consultant in cassava processing and valorization with ANADER, UNDP, FDFP, PDC2V, and IMPACT HUB,



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Panelist: Mr. Dan Seals, President, Pivot Clean Energy Co.



Dan Seals is the President of Pivot Clean Energy Co., a non-profit industry coalition that works to accelerate the global use of bioethanol for household energy. Pivot works closely with producers and operators, governments and regulatory bodies, and climate and health researchers, to increase access to bioethanol solutions for positive economic, social, health, and environmental impacts.

Prior to Pivot, Dan was Co-Director of US based POET's, one of the world's largest ethanol producers, clean cooking division. At POET, Dan served on the Board of Directors and oversaw strategy and funding for the company's household energy businesses in Latin America and Africa.

Dan also Co-Founded and managed Garner Advisors, a consulting company focused on investment and management services for household energy business in developing economies. In this role, Dan designed one of the first carbon credit programs for ethanol cookstoves and led the development of the ASTM standard for ethanol fuel applications.



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Panelist: Mr. Ibrahim Traoré, Head of Climate Project Development at BOAD



Holder of a Master's degree in Economics with a focus on sustainable development and transition from Paris Dauphine University, and a Master's degree in Governance of Organizations for International Development from the University of Pierre Mendès France in Grenoble (UPMF II). He began his career in 2006 at the ELO France Group, as Sustainable Development Program Manager.

Following a brief stay at WAEMU and CILSS, he spent 8 years in Europe in the private sector where he ended up as Secretary General in charge of sustainable development. He was recruited in June 2014 by the West African Development Bank (BOAD) in Lomé where he held the positions of Principal Environmental Economist, Senior Specialist in charge of climate finance, Expert in charge of climate finance, Head of the Climate Finance Division, and finally Head of the Climate Project Development Area.

Mr. Ibrahim TRAORE coordinated BOAD's accreditation files with the Global Environment Facility (GEF), the Adaptation Fund (AF) and the Green Climate Fund. He therefore has a very good knowledge of the financial mechanisms dedicated to the fight against climate change. With a view to mobilizing climate finance resources, he coordinates the formulation and development of adaptation and mitigation projects.

As Head of the Climate Finance Division, he technically contributed to the definition and implementation of policies, strategies and procedures relating to climate finance as well as the integration of climate into the operations of the West African Development Bank. Responsible for the creation of the BOAD Climate Studies Fund. He currently heads the Executive Secretariat of the fund.

With 18 years of experience with international and African financial institutions in the field of sustainable economic development and management of major climate projects, Mr. Ibrahim TRAORE is responsible for the operationalization of the United Nations Framework Convention on Climate Change (UNFCCC) as well as the development of new green, sustainable and decarbonized financial products within BOAD.

He is a certified expert in international cooperation from the former Belgian Technical Cooperation (CTB), now ENABEL.

