

9th NIGERIA ENERGY FORUM

Energizing Sustainable Industrialization



Day 1: Tuesday 9th July 2024 (Hybrid)

Venue: Marcellina Centre; Along Radisson Blu Ikeja GRA, Lagos, Nigeria. Time: 8.30am-5pm (WAT)

Day 2: Thursday 21st Nov. 2024 (Virtual)

Venue: Zoom. Time: 12.30pm – 5pm, West African Time (WAT)

FINAL AGENDA

PAGE 1

(N.B. All times are West African Time (WAT). Speakers, sessions, topics and schedule on this agenda maybe subject to change by the organizers.)

Day 1: Tuesday 9th July 2024 ○ Onsite/Hybrid Plenary & Supersessions with Exhibition

08:00 – 09:30 WAT. Registration & TIEC2.0 Poster Session 1 (8.30am start)
09:30 – 09:45 Welcome Remarks & Photoshoot by NEF2024 Chair & Co-Chairs
09:45 – 10:45 High-Level Keynote Presentations (7 minutes each with slides).
Plenary on **POWERING INDUSTRY AND GROWTH** & followed by **Exhibition Opening**

- POWERING INDUSTRIALIZATION FOR ECONOMIC GROWTH – H.E. Adebayo Adelabu, Nigeria Minister of Power, represented by Dr. Sunday Owolabi, Director, Renewables & Rural Development.
- BOOSTING NIGERIA-NORWAY ENERGY TRANSITION COOPERATION – H.E. Svein Baera, Norway's Ambassador to Nigeria (Hybrid).
- TRANSFORMING CLEAN ENERGY INVESTMENTS – Caroline Eboumbou, CEO, All On.
- MAXIMIZING LIGHTUP NAIJA PROJECT – Engr. Ife Oyedele, Executive Director, Networks, Niger Delta Power Holdings Company.
- UPSCALING SUSTAINABLE DEVELOPMENT & INDUSTRIALIZATION – Dr. Jose Levy, UNDP Deputy Resident Representative (Programmes) in Nigeria, rep. by Muyiwa Odele, Team Leader, Environment Unit (Hybrid).
- ACCELERATING OIL PALM PROCESSING & AGRO-INDUSTRY – Ajibola Adebutu, MD/CEO, JB Farms.
- FINANCING INDUSTRIALIZATION & EXPORT DEVELOPMENT – Peter Olowononi, Head, Client Relations, Anglo West Africa, Afrexim Bank.

10:45 – 11:30 Moderated Q&As: Chaired by Dr. Oluwole Daniel Adeyui, NEF Chair. (**Followed by Exhibition Opening & TV/Press Interviews **)

11:30 – 12:15 Exhibition Opening & Networking Break
by H.E. Biodun Ogunleye, Lagos State Commissioner for Energy & all NEF2024 Invited Key Speakers

[Supported by: GEF-SGP UNDP; All On, JB Farms & NDPHC]

12:15 – 13:00 Upscaling Tertiary Institutions Student Energy Innovations
(2-minutes Live Pitch Finals with Prototype Demo. & 3-mins Rapid Q&As). Aims to upscale student-led energy innovations and solutions.

[Principal TIEC2.0 Sponsor]
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60-seconds Remarks by Onyebuchi Odianjo, Comms Associate, All On.
ROUND 3 FINALS:
Live Pitches by Top 5 Teams based on Round 1 & 2 scores (in no particular order)

Independent Expert Panel of Assessors for TIEC2.0 & Live Pitch:

- Jide Sokeye – Monitoring, Evaluation and Learning Associate, All On.
- Rose Agbo – Project Assistant, GEF-SGP UNDP
- Ibiene Okeleke – CEO, Energy Training Centre (Hybrid)
- Olusiji Banjo – Energy Consultant & Trainer, VERTEX Technologies.
- Engr. Femi Olaniyan – CEO Collageo/NEF Stakeholder Manager

Moderated by: Dr. Adedoyin Adeleke – Exec. Director, Green Growth Africa

13:00 – 13:15 Networking Break & Exhibition 2

[Supported by: GEF-SGP UNDP, JB Farms]

13:15 – 13:45 Maximizing Community Action: SGP Lessons Learnt Session

(4 minutes speed pitch each with slides) plus facilitated discussions/fireside chat. Aims to share key recommendations from community-led energy and sustainability projects.

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- ACCELERATING SUSTAINABILITY USING COMMUNITY ACTION PROJECTS – Ibironke Oluwabamise, National Coordinator, GEF-SGP UNDP
- MAXIMIZING SOLAR MINI-GRIDS FOR DEVELOPMENT – Dorothy Egbon, Programme Director, Community Research and Development Centre.
- ADVANCING INNOVATIVE CLIMATE-SMART AGRICULTURE – Prof. Bala Dogo, Co-founder, Care & Action Research (CaRE-NGO).
- ENERGIZING COMMUNITY ACTION & INVESTMENTS – Dr. Adetoun Mustapha, Adjunct Researcher, Nigerian Institute of Medical Research.
- TRANSFORMING CONSERVATION FOR SUSTAINABILITY – Prof. Edem A. Eniang, Director, Research/Projects, Biodiversity Preservation Centre.
- UPSCALING FUNDING OPPORTUNITIES FOR COMMUNITY PROJECTS – Ayotunde Salau, Head of Solutions Mapping, UNDP Lagos.

13:45 – 14:15 Facilitated Panel Discussion + Q&As; by Guest Moderator/Compere: Ayoola Kassim, Head of Programmes, Channels TV.

14:15 – 15:00 Lunch & Exhibition/Networking Break

[supported by: GEF SGP UNDP; All On]

15:00 – 15:15: Tertiary Institutions Student Energy Contest 2.0 (TIEC2.0) Awards

- 1st Prize: 1.5 Million Naira;
- 2nd Prize: 1.1 Million Naira; &
- 3rd Prize: 900,000 Naira

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15:15 – 15:55 Mobilizing Energy Transition Investments Supersession. (5 minutes each with slides). Aims to provide thought leadership on how to mobilize finance for sustainable energy projects across the energy transition. [Supported by NUPRC & NDPHC].

- BOOSTING UPSTREAM INVESTMENTS & SUSTAINABILITY– Engr. Gbenga Akomolafe, CEO, NUPRC, represented by Mr. Abduhafeez Balogun, Ag. Director.
- UPSCALING POWER SUPPLY & ELECTRICITY MARKET IN LAGOS – H.E. Biodun Ogunleye, Hon. Commissioner for Energy, Lagos State, Nigeria.
- TRANSFORMING SOLAR AND BATTERY STORAGE REVOLUTION – Bimpe Adebisi, Head of Retail, Simba Den.
- INTEGRATING ENERGY INFRASTRUCTURE GROWTH & INVESTMENTS – Dr. Oluwaseun Fadare, Chief Technical Officer, Transcorp Power Plc.
- ENERGIZING VEHICLE MANUFACTURING CAPABILITIES & INVESTMENTS – Oluwatobi Ajayi, Chairman/CEO, Nord Automobiles Limited.
- PROMOTING HIGHER EDUCATION & CAPACITY BUILDING INVESTMENTS – Jennifer Eziamaka, Business Development Manager, UNICAF.

15:55 – 16:15 Q&A Chaired by Engr. Adekunle Makinde, FNIEEE, NEF2024 Co-Chair

[Track Sponsors: GEF-SGP UNDP; JB Farms; NDPHC; & Oando Clean Energy Ltd]

16:15 – 16:20 Launch Africa Energy Innovation Challenge

16:20 – 16:30 De-briefing & Closing Remarks by NEF2024 Chair & Co-Chairs

Day 2: Thurs. 21st Nov. 2024

○ Virtual Hands-on Workshops & Trainings

Proposed (Virtual) Hands-on Workshop Outline. (VENUE: Zoom). Time: 12.30pm to 5.30pm WAT

☐ **Thursday 21st November 2024 (Day 2 - Virtual): 4 Top-class Hands-on workshops**

2.1 Energizing Export Development Plenary

2.2 Energy Innovations & Open Access Tools

2.3 Women Energy Pacesetters & Pathfinders

2.4 Upscaling Critical Mineral Investments

2.5 Innovation Panel & AEIC Awards

For exhibition/sponsorships, please:

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PAGE 2

CONFERENCE PROCEEDINGS

Welcome Remarks

On behalf of the organizing team for the 9th Nigeria Energy Forum (NEF2024), we are honoured to welcome over 400 participants and 30 expert speakers in-person and virtually from all around the world to Nigeria's and Africa's foremost conference and workshops, on energy transition impact, innovations and investments. Massive thanks to NEF2024 sponsors and strategic partners.

NEF2024 themed **Energizing Sustainable Industrialization**, follows successful origination of a landmark 40million USD agro-industry financing deal at NEF2023 between Afrexim bank and a homegrown manufacturer.

- Sustainable Industrialization** refers to the process of adding value and transforming agro-commodities, solid minerals and natural resources into partly- or finished products; thereby boosting economic growth, creating high-value jobs and reducing environmental impact. Energy is the golden thread that connects sustainable industrialization to social development and economic growth.
 - That is why NEF 2024 will mobilize multi-million USD investments** for boosting homegrown manufacturing, increasing FX revenues and fostering import substitution. It will feature 3 best-in-class Supersessions on Powering Industry & Growth supported by **Nord**; Clean Energy Investments by **All On & Jubaili**; Empowering Community Action by **GEF SGP UNDP**.
 - Plus, live pitches** by Top 5 out of 85 tertiary student teams across Nigeria, with winners awarded a share of 3.5Million Naira in the 2024 Tertiary Institutions Student Energy Contest (TIEC2.0), **supported by All On**; Top-Tier exhibitors; Alternative-fule vehicles test driving by Nord Automobiles Limited & capacity building training to over 400 stakeholders, supported by GEF SGP UNDP. Finally, all stakeholders must act now, together and decisively to maximize energy transition for growth.
- **Dr. Oluwale Daniel Adeuyi, Conference Chair, NEF 2024**

Meet the NEF Management Team



Dr. (Mrs) Olubamise. T. Olanrewaju – NEF Director of Strategy & Innovation Bamise is an experienced energy consultant with specific expertise and interest in modelling of combined natural gas and electricity networks. She received her first degree in Mechanical Engineering from the University of Ibadan in 2005 and a master's degree in Sustainable Energy and Environment at Cardiff University, UK where she graduated with a distinction grade in 2012 and completed a PhD. in Multi-Energy Systems in 2017.



Dr. Oluwale. D. Adeuyi – NEF Group Chairman & Director of Industrial Projects Daniel is a chartered engineer registered with the UK Engineering Council. He is currently Chair of the Nigeria Energy Forum. He obtained a PhD. in Electrical Engineering in 2016 at Cardiff University, UK, where he was also awarded a Master's degree with Distinction Grade in Electrical Energy Systems in 2012. He received a BSc. degree in Electrical/Electronics Engineering from the Uni. of Agriculture, Abeokuta, Nigeria in 2010; and co-founded NEF in 2015.



Dr. Akintunde Babatunde – NEF Academic & Business Dev. Director Akintunde Babatunde is a chartered engineer and chartered environmentalist. He obtained his PhD in Civil Engineering from University College Dublin in 2008 and subsequently in 2010. Akintunde was a lecturer (assistant professor) in Civil Engineering at Cardiff University School of Engineering from Dec 2011 to May 2016. In June 2016, Akintunde joined the School of Civil Engineering at the University of Leeds as an Associate Professor.

Meet the NEF2024 Local Organizing Committee



Engr. Adekunle S. Makinde – NIEEE Past President & NEF Co-Chair Engr. Adekunle Makinde is a Chartered, Registered and practising Electrical & Electronics Engineer of over two decades experience, with a bias for Energy Management, Telecommunications and Capacity Building. He was awarded a B.Engr. in 1998 and received a Masters Degree in 2012. He is a Project Management Expert and CEO of Masadek Technologies Ltd. He is a Past President of The NIEEE and former National EXCO (Executive Council) member of Nigerian Society of Engineers.



Dr. (Mrs) Tosin Somorin – Research & Modelling Manager Tosin joined the University of Strathclyde, UK as a lecturer & chancellor fellow in 2019. Prior to this, she was a Postdoctoral Research Fellow in Energy Systems at Cranfield University, UK. Her research is actively contributing to the development of the Nano-Membrane Toilet, a project funded by the Bill and Melinda Gates Foundation and designed for people lacking access to modern sanitation in developing countries.



Engr Olafemi I. Olaniyan – NEF Stakeholder Manager & CEO Collageo Olafemi is a Chartered Electrical Engineer. He graduated from the University of Lagos in 1982. Engr. Olaniyan's business interests include the ownership of Collageo communications Ltd. with studios located in Lagos, and with a wide range of radio and television programming including the highly acclaimed Documentary, "the Catch". He is a Past President of the NIEEE.



Dr. (Mrs) Folashade K. Jose-Adelaja – NEF Director of Communications. Khadijat completed a PhD. in renewable energy systems at Cardiff University, UK in 2019. She is Project Manager at SunAfrica LLC, and worked with Niger Delta Power Holdings Company in Nigeria. She received her BSc. degree in Electrical/Electronics Engineering at the University of Agriculture Abeokuta in 2011 and a Master's degree with Distinction grade in Power Systems Engineering at University College London, UK in 2014.



Mr Oluwatobi Ogunlesi – NEF Director of Finance Oluwatobi is a Branding, Marketing & Communications (M&C) Expert with over 10years experience. He currently works as M & C Manager at Junior Achievement Nigeria. Prior to this he worked as a Communications Professional at Larfarge Africa, Marine Platforms and Agency Adviser to global clients. He received a B. Agric degree in Agricultural Economics and Farm Mgt from the University of Agriculture, Abeokuta in 2010; & an MBA from the Pan-Atlantic University, Lagos Business School in 2014.



Engr John Funso-Adebayo – NIEEE Past President & Chair, IEEE Nigeria Section Funso started his career in the information technology industry, and later moved to the telecommunications industry on the commencement of the GSM Technology. He has worked on a multi-vendor platform, including Motorola, Huawei, and Ericsson. He is currently the Chair, IEEE Nigeria Section and a Past President of the NIEEE.



Mr. Adebayo Adegoke – NEF Country Director Adebayo is a management consultant and the CEO of Firejimi concepts, which has a focus on real estate, interior design and international project management. He completed a degree in Clothing, Textile and Interior Decoration from the Uni. of Agriculture, Abeokuta in 2010. He is a certified project management professional with the Metropolitan School of Business & Mgt. UK and the business manager of the NEF.

Meet the 2024 Expanded Local Organizing Committee

Engr. I. Adekanye – Chair Board of Trustee, IEEE Nigeria Section.
Engr. O. Balogun – Secretary, IEEE Smart Village

TIEC2.0 Poster Session (Principal Sponsor: All On)

Top 11 out of 85+ Entries (in no particular order)

UNIBEN Empowering Nigerian Food chain with solar powered solutions	IMSU Power Control Box	UNILAG Peer-to-Peer Energy Sharing
LANDMARK UNIVERSITY Biogas-Powered Cooking	UNIJOS Solar Agro-Processor	FUTMINNA Innovate Grinding Mill Machine
BAZE UNIVERSITY Solar-Powered Hydroponics	UNILAG CO2 Refrigeration	BOWEN UNIVERSITY Smart Solar-Powered Oxygen Concentrators
FUTA Cold Alive	LANDMARK UNIVERSITY Bio-City	

development training/networking opportunities

Acknowledgements

- A. The NEF2024 team would like to acknowledge the corporate support of:
- All On** as Principal Sponsor of TIEC2.0;
 - GEF-SGP UNDP** as Platinum Supporter; & **JB Farms** as Gold Sponsor;
 - Niger Delta Power Holdings Company** as Silver Sponsors.
 - Nigerian Upstream Petroleum Regulatory Commission** as Workshop Co-Organizer.
- B. We value very much the insights of all NEF2024 Guest Speakers and Guest Moderators from Channels TV. Also, huge thanks to NEF2024 Strategic Supporters: GEF-SGP UNDP, NDPHC, Oando Clean Energy Ltd. & IEEE Nigeria Section as Technical Partners.
- C. We acknowledge the contributions of our Gold Media Partners (**Divergent**); Gold Event Partner (**Firejimi, Tequb & GeeFancy**); Key Exhibitors (**UNICAF; Africa Power Ventures & Energy Ltd.; OMAA Global Technology & Engineering Company**); Strategic Media Partners (**REEEA-A; My Engineers**); Sound (**Rock Mission**); Lights (**Bonus Media**) and Broadcast Partner (**Lanre Esho Films**) & IT Partner (**BlueSpectra**).

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