

nef 10th NIGERIA ENERGY FORUM

"Decade of Energy Transition for Economic Prosperity"

DAY1: Tuesday 8th July 2025 (Onsite).

Venue: Marcellina Centre Along Radisson Hotel, Ikeja GRA, Lagos, Nigeria.

DAY2: Thursday 20th November 2025 (Virtual).

Venue: Webcast. Time: 12.30-5.00pm WAT.

FINAL AGENDA

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(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 8th July 2025 ○ 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 NEF2025 Chair & Co-Chairs

09:45 – 11:30 OPENING PLENARY ON ENERGIZING ECONOMIC PROSPERITY

[Co-organized by: NCDMB & NEITI] (7-minutes Keynote Speeches each with slides).

- MAXIMIZING NIGERIAN CONTENT FOR INDUSTRIALIZATION AND ECONOMIC GROWTH – Engr. Omatsola Ogbe, Executive Secretary, Nigerian Content Development and Monitoring Board (NCDMB), represented by Mr Naboth Onyesoh, Director, Legal Services.
 - UPSCALING INNOVATIVE FINANCING FOR CLEAN ENERGY INDUSTRIALIZATION – Seye Bassir, Investment Director, All On.
 - TRANSFORMING CIRCULAR ECONOMY FOR WASTE TO BATTERY MATERIALS – Dr. Oluwale Daniel Adeuyi, Group Chairman, NEF.
 - ADVANCING ECONOMIC COOPERATION FOR GREEN MINERALS INDUSTRIALIZATION – Dr Marit Kitaw, Economic Affairs Officer, United Nations Economic Commission for Africa (UNECA) (H).
 - ADVANCING SOLID MINERAL INDUSTRIALIZATION & TRANSPARENCY – Dr. Ogbonnaya Orji, CEO, Nigeria Extractive Industries Transparency Initiative (NEITI)
 - BOOSTING NIGERIA-UNDP PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT – Ms. Elsie Attafuah, UNDP Resident Rep. Nigeria (tbc).
- 10:45 – 11:30 Moderated Q&As by Engr. Adekunle Makinde, FNIEEE, NEF Co-Chair. (***)Followed by Exhibition Opening & TV/Press Interviews (***)

11:30 – 12:15 EXHIBITION OPENING & NETWORKING BREAK1. By all NEF2025 Invited Key Speakers.

[Supported by: GEF-SGP UNDP; All On; Enee; Jubaili & CitiBIM]

12:15 – 13:00 BOOSTING CLEAN ENERGY INNOVATIONS IN TERTIARY INSTITUTIONS

(2-minutes Live Pitch Finals with Prototype Demo. & 4-mins Rapid Q&As). Aims to catalyze & inspire student-led energy innovations, solutions & impact.

[Principal TIEC3.0 Sponsor]

All On Energy innovations. Powerful collaborations.

60-seconds Welome Remarks by Jadesola Rawa, Snr. Grants Associate, Ail On. TIEC3.0 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 TIEC3.0 & Live Pitch:

- Dennis Ogbeide – Snr. Technical Associate, All On.
- Prof. Omowunmi Sadik – Vice Provost, New Jersey Inst. of Tech., USA (H).
- Sandra Dozie – CEO, Salpha Energy
- Dr. Jadeed Beita – Group Leader, Siemens Energy, UK (H)
- Zita Ohikere – Project Associate, African School of Regulation (H)
- Olusiji Banjo – Energy Consultant & Trainer, VERTEX Technologies.

Co-moderated by:- Dr (Mrs) Olubamise Olanrewaju, NEF Dir. of Strategy & Innovation & Rose Agbo, Project Assistant, GEF SGP UNDP.

13:00 – 13:15 NETWORKING BREAK2 & EXHIBITION2

[Supported by: GEF-SGP UNDP, NCDMB, PCNGI]

13:15 – 13:45 UNVEILING COMMUNITY ACTION SHORTFILMS & FIRESIDE CHAT

[Supported by] **SGP** The GEF Small Grants Programme **gef** **UNDP**

(4 by 4 minutes Shortfilms each) plus facilitated discussions/fireside chat. Aims to spotlight high-impact community-led climate action projects.

- STRENGTHENING SUSTAINABLE COMMUNITY ACTION – Ibironke Oluwabamise, National Coordinator, GEF-SGP UNDP (H).
- POWERING CLEANER WATER IN COASTAL COMMUNITIES – Stephanie Waniko, Co-founder, Eco-Restoration Foundation (ERF).
- UNLOCKING DIGITAL INNOVATIONS & CIRCULAR ECONOMY – Engr. Dr. Adeolu Odusote, Chairman, Digital Peers International (DPI).
- DECARBONIZING SHEA PRODUCTION & AGRO PROCESSING – Priscilla Nwosu, Co-Founder, Shea Integrated Global Foundation (SIGF).
- UPSCALING VALUE ADDITION & MORINGA BIOFUELS – Dr. Grace Oluwatoye, Executive Director, Lifebuilders.
- BOOSTING NATURAL CAPITAL & FOREST CONSERVATION – Abimbola Agbana, President, Igbehinadun Agroforestry (IA).

13:45 – 14:15 Fireside Chat + Q&As; by Engr. Femi Olaniyan, CEO Collageo & NEF Stakeholder Manager & Dr. Adedoyin Adeleke, ED, Green Growth Africa.

14:15 – 15:00 LUNCH & EXHIBITION/NETWORKING BREAK3 [supported by: GEF SGP UNDP]

15:00 – 15:15: TIEC3.0 AWARDS CEREMONY & PRESENTATION OF PRIZES

- 1st Prize: **2.0 M Naira**; 2nd Prize: **1.5 M Naira**; & 3rd Prize: **1 M Naira**.
- Public Vote Winner: **500k Naira**

[Principal TIEC3.0 Sponsor]

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Salpha Energy Prize for: Most Promising Project (**500k Naira**)

15:15 – 15:55 TRANSFORMING CRITICAL MINERALS VALUE ADDITION SUPERSESSION.

(5 minutes each with slides). Aims to build knowledge on critical minerals, value addition & global principles.

[Supported by UNECA & PCNGI]

- PRESIDENTIAL CNG INITIATIVE: ACCELERATING INVESTMENTS, INNOVATION & IMPACT – Engr. Michael Oluwagbemi, Chief Exec., Presidential CNG Initiative.
- UPSCALING SOLID MINERALS INDUSTRIALIZATION & VALUE ADDITION – H.E. Dr Henry Alake, Minister of Solid Minerals Dev., rep. by Engr. Obadiah Simon Nkom, Dir. General, Mining Cadastral Office.
- TRANSFORMING CRITICAL MINERAL PRODUCTION – Dr Sani Shinkafi, Group Chairman, Shinkafi Investment Limited, Nigeria.
- DESIGNING LOW-CARBON INDUSTRIAL ENERGY INFRASTRUCTURE – Dr. Abdul-Quayyum Gbadamosi, CEO, citiBIM.
- ACCELERATING SOLAR INDUSTRIALIZATION AND MANUFACTURING – Sunit Arya, Deputy Business Head, Simba Solar
- BOOSTING HOMEGROWN MANUFACTURING OF SOLAR COMPONENTS – Dr Sunny Akpoyibo, President, CREN & ASteven Group Chairman.

15:55 – 16:15 Q&A Chaired by Engr. John Funso Adebayo, FNIEEE & NEF Regulatory Mgr.

16:15 – 16:45 Decade of Impact Awards – Recipients (i) All On; (ii) UNDP GEF-SGP; (iii)

Sunking; (iv) ASteven Group; (v) Jubaili Bros Engineering Ltd.; (vi) Lilleker Bros. Nig. Ltd.

16:45 – 16:50 Launch AEIC2025 & STEMGETICS [Track Sponsors: GEF-SGP UNDP; PCNGI & NCDMB, LASRIC]

16:50 – 17:00 De-briefing & Closing Remarks by NEF2025 Chair & Co-Chairs

Day 2: Thurs. 20th Nov. 2025

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

○ Virtual Hands-on Workshops & Trainings

□ Thursday 20th Nov. 2025 (Day 2 - Virtual): 4 Top-class Hands-on workshops

2.1 Powering Productive Use of Energy Plenary

2.2 Maximizing Community Sustainability

2.3 Boosting Climate-Smart Innovations

2.4 Catalysing Energy Transition Investments

2.5 Innovation Panel & AEIC Awards

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Salpha

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JUBAILI BROS **Lasric**

CRM Workshop Co-Organizer

Lasric

United Nations Economic Commission for Africa

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CONFERENCE PROCEEDINGS

WELCOME REMARKS

On behalf New Energy Frontiers (NEF) Group, organizers of the 10th Nigeria Energy Forum (NEF2025), we give thanks to God for a Decade of Impact. We have the honor of welcoming over 400 participants and 25 expert/key speakers in-person and virtually to the foremost international conference on energizing economic prosperity, innovations and strategic investments. Many thanks to the NEF2025 sponsors and strategic partners.

NEF2025 themed **Decade of Energy Transition for Economic Prosperity**, follows successful engagement of over 8000 global stakeholders and facilitation of \$70 million USD financing and facility for clean energy projects across previous editions, demonstrating NEF's capacity to transform convenings to capital.

- Decade of Energy Transition for Prosperity signifies a period where nations shift** to cleaner, sustainable energy sources, to stimulate economic growth, foster industrial development, create quality jobs and improve living standards. NEF Group is on a mission to lead & shape the shift.
- That is why NEF 2025 is focused on practical action. It will mobilize multi-million USD investments** for green mineral industrialization and value addition supported by UNECA. It will feature 3 Supersessions on Energizing Economic Prosperity supported by **NCDMB & PCNGI**; Upscaling Energy Innovations by **All On**; and Unveiling Community Action by **GEF SGP UNDP**.
- What is more, NEF2025 features live pitches** by Top 5 out of 93 teams comprising over 400 students from 35 tertiary institutions in 23 states across Nigeria. The TIEC3.0 has attracted over 50,000 Public Votes in 10 days and winners will be awarded a share of 5 Million Naira, **supported by All On**. **We encourage you to engage with over 40** top-class industrial exhibitors; indoor & outdoor demonstrations & capacity building training providers. Finally, all stakeholders must act now, together and decisively to maximize energy transition for growth.

- Dr. Oluwale Daniel Adeyemi, NEF Group Chair

TIEC3.0 Poster Session (Principal Sponsor: All On)

TOP TEN OUT OF 93+ ENTRIES
(in alphabetical order)

 Bayero University, Kano Solar Water Purifier	 Bayero University, Kano Solar Access Tech	 FUTMINNA (aff. to Ota Poly) Solar-Smart Cold Box
 Landmark University, Omuaran Value Cycle	 Nnamdi Azikiwe University, Awka SolarMove for E-mobility	 The Federal Polytechnic Ile-Ife, Ondo State The Solar CAFE
 University of Cross River, Cross River Green Preserve	 University of Lagos AI Hybrid Agri Dryer	 University of Lagos Switcher
 University of Port Harcourt Keytrix		

Cash prize: **N3,000,000.00** 1st Prize, **N1,500,000.00** 2nd Prize, **N1,000,000.00** 3rd Prize

ACKNOWLEDGEMENTS

- A. The NEF2025 team would like to acknowledge the corporate support of:
- o **All On** as Principal Sponsor of TIEC3.0; &
 - o **GEF-SGP UNDP** as Community Action Sponsor;
 - o **Salpha & Jubaili Bros Engineering Ltd.** as Gold Sponsors;
 - o **United Nations Economic Commission for Africa** as Session Co-Organizer
 - o **Nigerian Content Development and Monitoring Board & Presidential CNG Initiative** as Platinum Co-organizers of Opening Plenary.
- B. We value very much the insights of all NEF2025 Key Speakers and Guest Moderators. Also, super thanks to NEF2025 Decade of Impact Corporate Award of Excellence Recipients, **All On**, **GEF-SGP UNDP Nigeria**, **Sunking**, **ASteven Group & Jubaili Bros Engineering Limited**.
- C. We acknowledge the contributions of our Gold Media Partners (**Divergent**); Gold Event Partner (**Firejimi & Teequb**); Key Exhibitors (**Simba Industries Ltd.**; **Today's Technology Nig. Ltd.**; **Enee**; **ASteven Group & CITIBIM**); Strategic Media Partners (**My Engineers**); Sound (**Rock Mission**); Lights (**Bonus Media**) and Broadcast/Video Documentary Partners (**Collageo Communications & Green Growth Africa Studios**) & IT Partner (**BlueSpectra**).

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. Adeyemi – NEF Group Chairman & Director of Industrial Projects
Daniel is a chartered engineer registered with the UK Engineering Council. He is currently NEF Group Chair. 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 NEF LEADERSHIP TEAM



Engr. Adekunle S. Makinde – Former President NIEEE & NEF Co-Chair
Engr. Adekunle Makinde is a Chartered, Registered and practising Electrical & Electronics Engineer, with over two and half decades experience, across 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 Former President of 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 Former 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 Business Administration, Branding, Marketing & Communications (M&C) Expert with over 10years experience. He currently works as Communications & Administrative Lead at Pan African Towers, Nigeria's largest indigenous TowerCo. Prior to this he worked as Communications Professional at Junior Achievement Nigeria, Lafarge Africa Plc, Marine Platforms & Agency Adviser to global clients. He received a B.Agric degree in Agricultural Economics & Farm Mgt from University of Agriculture, Abeokuta in 2010; & MBA from Pan-Atlantic University, Lagos Business School in 2014.



Engr. John Funso-Adebayo – NEF Regulatory Affairs Manager & Past Chair, IEEE Nigeria Section & Former President, NIEEE.



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 Past Chair, IEEE Nigeria Section and a Former 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 NEF 2025 EXPANDED PLANNING COMMITTEE

Mrs Bolanle Adegoke – NEF Planning Manager & TIEC Coordinator
Temiloluwa Amoo – NEF Doctoral Research Associate & AEIC Coordinator.



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