

EL: 2023 YEAR-END REPORT





Electricity Lawyer (EL) is a novel data driven research, legal and regulatory service provider, offering tailored legal, regulatory and policy aggregation tools and solutions that assist stakeholders and electricity industry players around the globe in making informed business, economic and investment decisions in power markets across Sub-Saharan Africa (SSA).

EL since has and continues to promote energy access through knowledge access, the highlights in 2023, of which include:





1. TOOLKITS

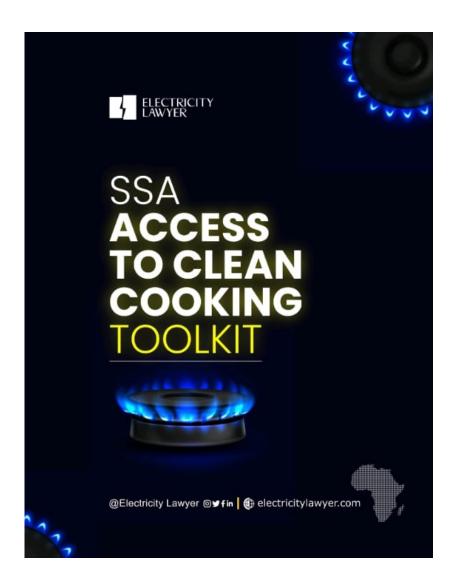
EL Toolkits provide sector practitioners and policy decision makers access to authoritative and adaptable information on topical and informative areas in the energy sector, serving as a knowledge tool, with the aim of enlightening readers on current trends in the electricity sector(s) across Sub-Saharan Africa.

Six (6) toolkits were released in the year 2023 in the following areas:

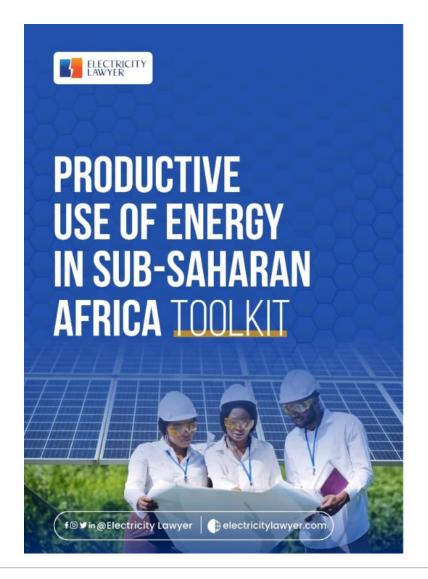
1.1 SUB SAHARAN AFRICA ENERGY ACCESS POLICY IMPLEMENTATION TOOLKIT



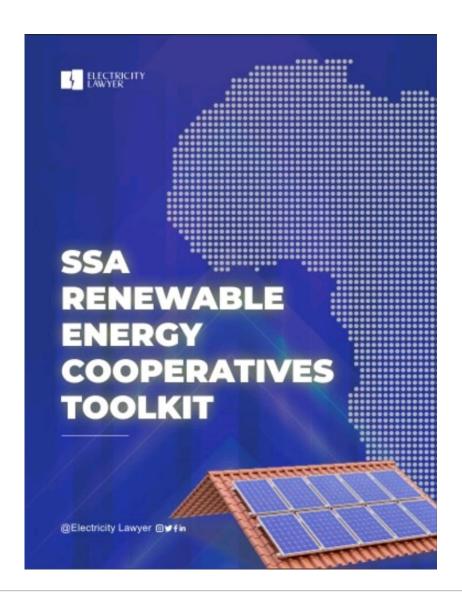
1.2 SSA ACCESS TO CLEAN COOKING TOOLKIT



1.3 PRODUCTIVE USE OF ENERGY IN SUB SAHARAN AFRICA TOOLKIT



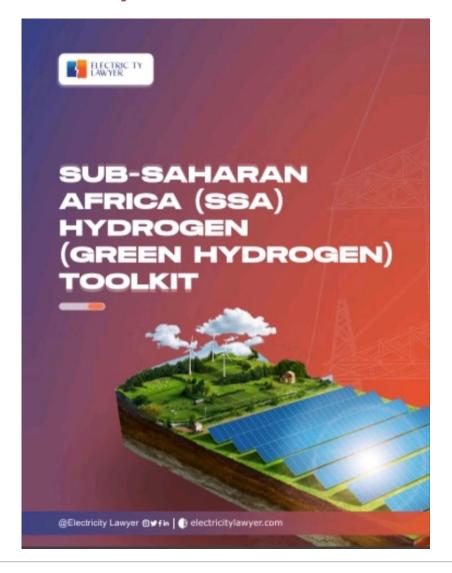
1.4 SSA RENEWABLE ENERGY CO-OPERATIVES TOOLKIT



1.5 SUB SAHARAN AFRICA BATTERY ENERGY STORAGE SYSTEMS (BESS) TOOLKIT



1.6 SUB SAHARAN AFRICA HYDROGEN (GREEN HYDROGEN) TOOLKIT



2. POLICY BRIEFS

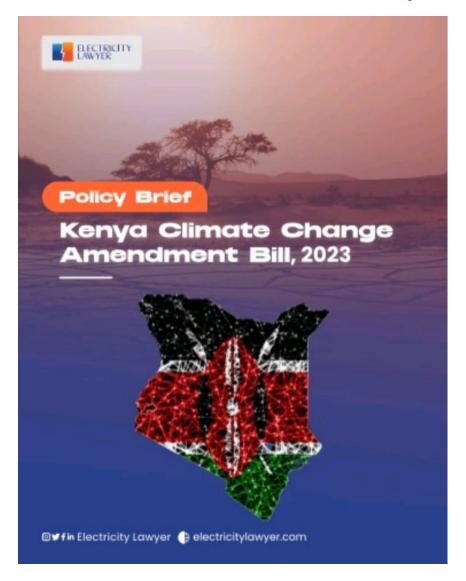
EL's Policy briefs provide evidence-based policy advice and legal/regulatory industry recommendations to help readers make informed decisions.

Seven (7) Policy Briefs were released in the year 2023 regarding the following laws/legislations/developments across Sub-Saharan Africa.

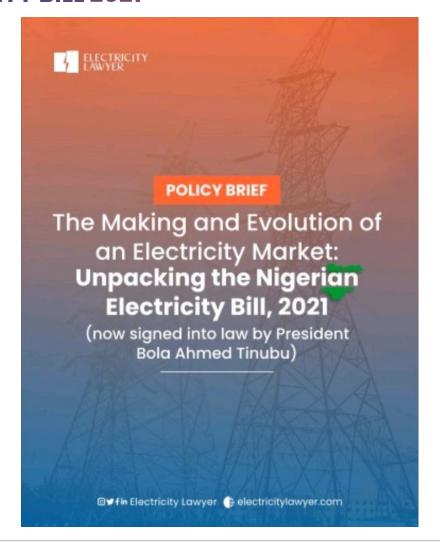
2.1 ENERGY INDUSTRY RECAP AND OUTLOOK FOR 2023 - THE SUB-SAHARAN AFRICA LENS



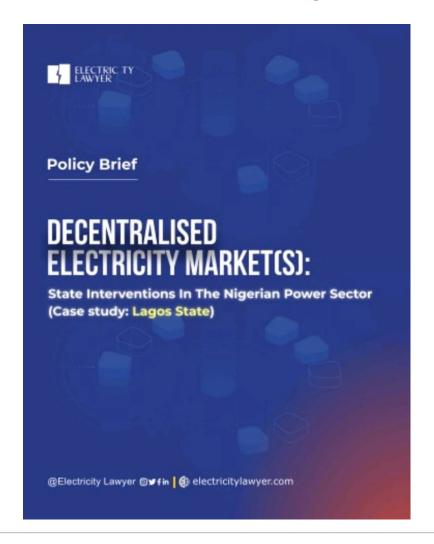
2.2 KENYA CLIMATE CHANGE AMENDMENT BILL, 2023



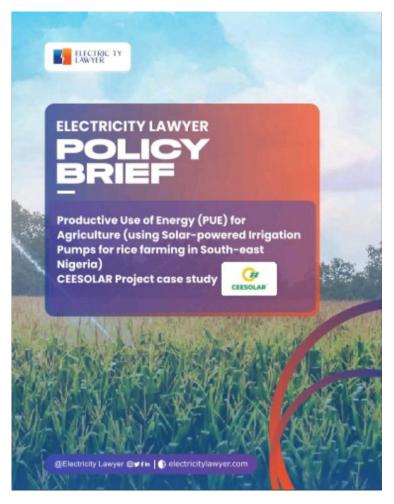
2.3 THE MAKING AND EVOLUTION OF AN ELECTRICITY MARKET: UNPACKING THE NIGERIA ELECTRICITY BILL 2021



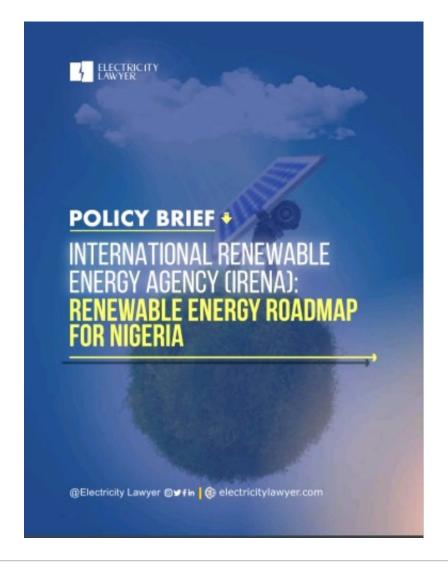
2.4 DECENTRALISED ELECTRICITY MARKET(S): STATE INTERVENTIONS IN THE NIGERIA POWER SECTOR (CASE STUDY: LAGOS STATE)



2.5 PRODUCTIVE USE OF ENERGY FOR AGRICULTURE USING SOLAR POWERED IRRIGATION PUMPS FOR RICE FARMING IN SOUTHEAST NIGERIA (CEE SOLAR PROJECT CASE STUDY)

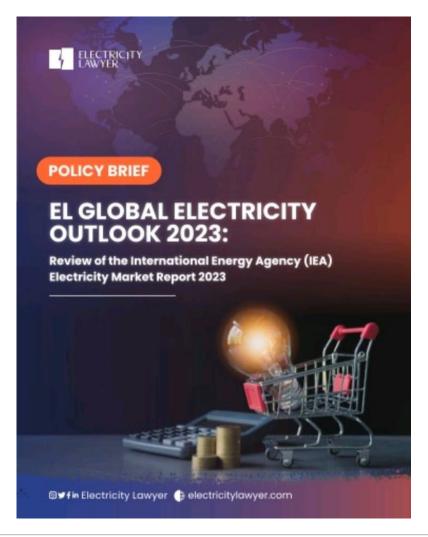


2.6 INTERNATIONAL RENEWABLE ENERGY ASSOCIATION (IRENA) RENEWABLE ENERGY ROADMAP FOR NIGERIA



2.7

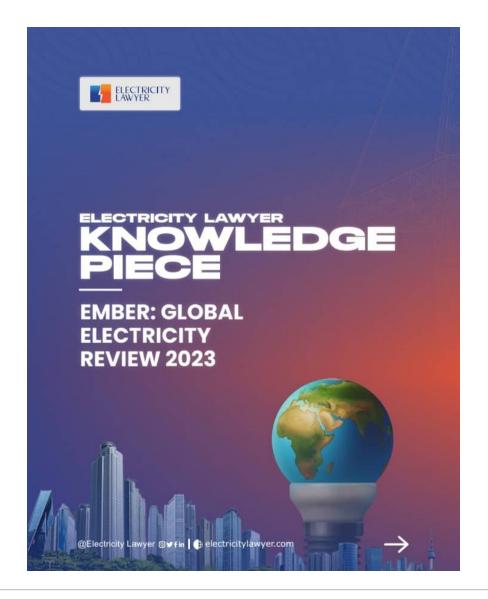
EL GLOBAL ELECTRIICTY OUTLOOK 2023: Review of the International Energy Agency (IEA) Electricity Market Report 2023



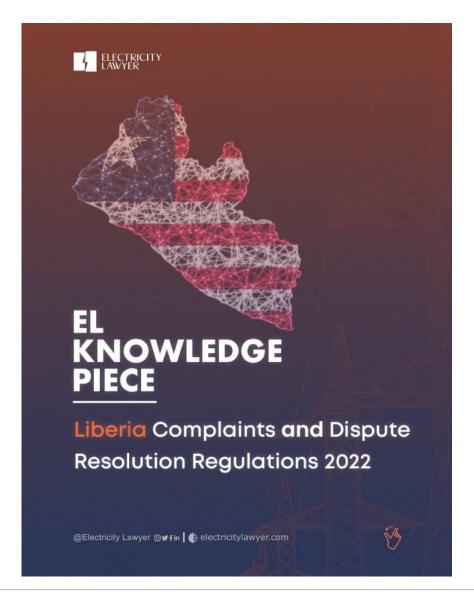
3. KNOWLDEGE/OPINION PIECE

Eight (8) knowledge/opinion piece(s) were released in 2023

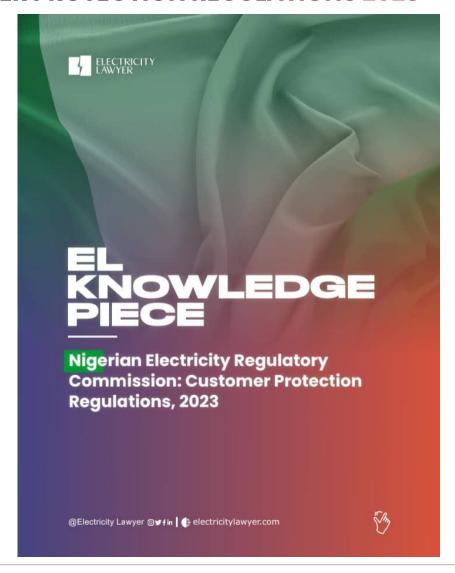
3.1 EMBER GLOBAL ELECTRICITY REVIEW 2023



3.2 LIBERIA COMPLAINTS AND DISPUTE REGULATIONS 2022

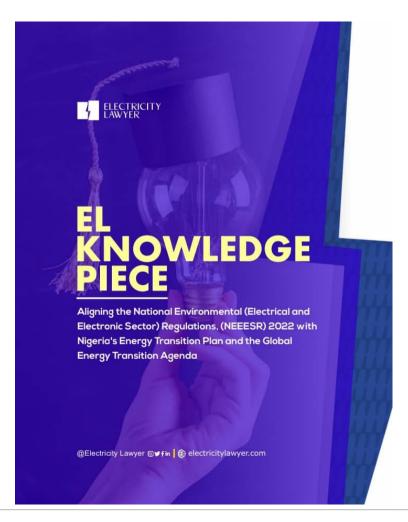


3.3 NIGERIAN ELECTRICITY REGULATORY COMMISION: CUSTOMER PROTECTION REGULATIONS 2023



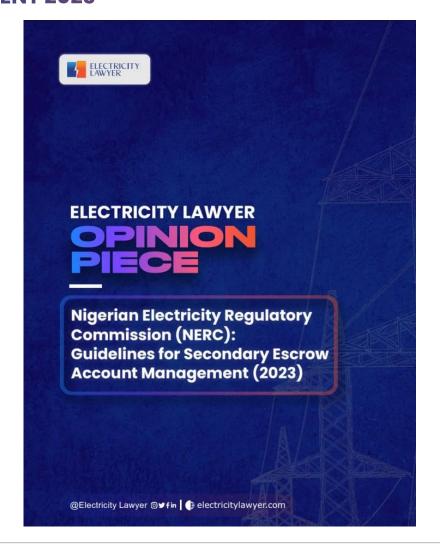
3.4

NATIONAL ENVIRONMENTAL (ELECTRICAL AND ELECTRONIC) SECTOR REGULATIONS 2022, WITH NIGERIA'S ENERGY TRANSITION PLAN AND THE GLOBAL ENERGY TRANSITION AGENDA

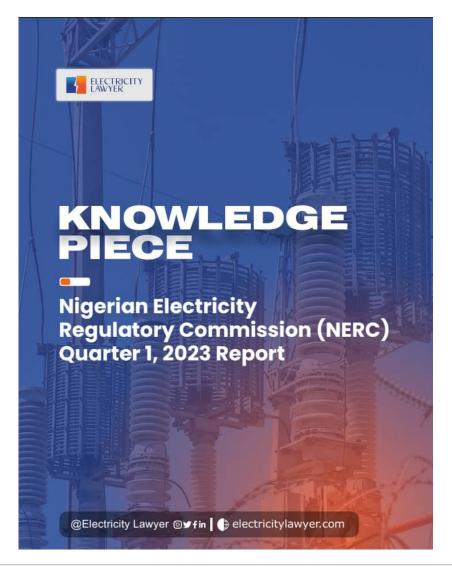


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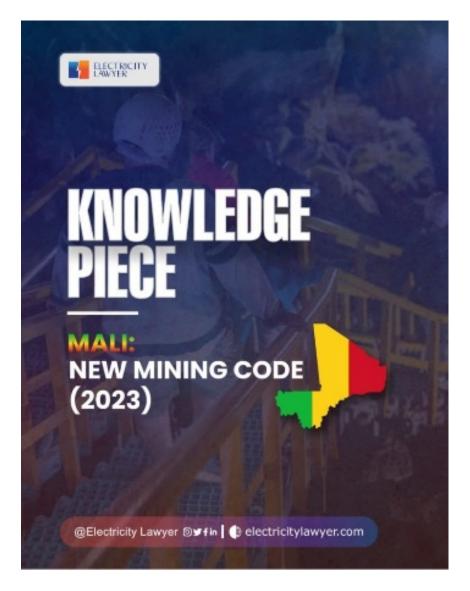
NIGERIAN ELECTRICITY REGULATORY COMMISSION (NERC): GUIDELINES FOR SECONDARY ESCROW ACCOUNT MANAGEMENT 2023



3.6
NIGERIAN ELECTRICITY REGULATORY COMMISSION (NERC)
QUARTER 1 2023 REPORT



MALI: NEW MINING CODE 2023



3.7 ALLEGATION OF EXAGGERATION OF ELECTRICITY BILLS OF KENYA POWER: WHAT OPTIONS ARE AVAILABLE TO CONSUMERS?



4. REPORTS/PRODUCTS&TOOLS

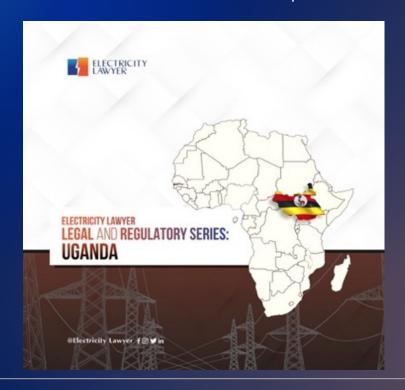
REPORTS/ PRODUCTS & TOOLS

Eight (10) reports/product and tools were released by Electricity Lawyer.

- **4.1** IMPACT OF FUEL SUBSIDY REMOVAL ON THE NIGERIAN POWER SECTOR: MAKING A CASE FOR RENEWABLE ENERGY DEVELOPMENT
- **4.2** EL POWER SECTOR SCENARIO ANALYSIS: Projecting the Future of Nigeria's power sector based on the six-point power sector plan of the President-elect.
- **4.3** EL POWER SECTOR COST BENEFIT ANALYSIS: Projecting the Future of Nigeria's power sector based on the six-point power sector plan of the President (PLAN 1-6)
- **4.4** ELECTRIFY CONVERSATIONS POST WEBINAR REPORT: PROJECTING THE FUTURE OF NIGERIA'S POWER SECTOR UNDER THE NEW ADMINISTRATION
- 4.5 NIGERIA POWER SECTOR SCORECARD TOOL
- **4.6** ELECTRIFY CONVERSATIONS POST WEBINAR REPORT: IMPACT OF THE ENERGY CHARTER TREATY (ECT) MODERNISATION ON AFRICA'S ENERGY TRANSITION PATHWAY
- 4.7 AFRICA ENERGY TRANSITION TRACKER TOOL
- **4.8** BUSINESS IMPACT ASSESSMENT REPORT: DEVELOPING ELECTRICITY MARKETS- THE INTERPLAY OF STATE AND FEDERAL ELECTRICITY MARKET STRUCTURE(S) IN NIGERIA
- **4.9** BUSINESS IMPACT ASSESSMENT REPORT: DEVELOPING SUSTAINABLE ENERGY TRANSITION PLANS FOR ECONOMIES AND BUSINESSES
- **4.10** ELECTRICITY LAWYER DOING BUSINESS GUIDE: MINI GRID COMPANY SET UP AND OPERATION IN NIGERIA

5. LEGAL AND REGULATORY SERIES

The EL Legal and Regulatory Series was launched in October 2022, spotlighting salient electricity sector laws, regulations, and policies of countries across Sub-Saharan Africa. 36 countries have been covered so far which include are: Kenya, Seychelles, Ethiopia, South Africa, Ghana, Zimbabwe, Zambia, Nigeria, Uganda, Botswana, Sudan, Togo, Angola, Chad, Rwanda, Tanzania, Burkina Faso, Sierra Leone, Burundi, Congo (Democratic Republic), Lesotho, Senegal, Benin, Comoros, Djibouti, South Sudan, Equatorial Guinea, Guinea-Bissau, Liberia, Niger, Cameroon, Mozambique, Sao Tome And Principe, Somalia, Eswatini, and Central African Republic.



6. ELECTRIFY INSIGHTS LENS

Electrify Insights Lens was launched in October 2022, to delve deeper into topical issues in the electricity sector across sub-Saharan Africa. Thus far, forty-seven (47) ELectrify Insights Lens have been published.



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COP28 CLIMATE GOALS: IS NIGERIA ON TRACK?

INTRODUCTION

Nigeria's vice president, Professor Yemi Osinbajo, has outlined five goals for COP 28, anticipated to take place in Dubai from November to December 2023. According to a statement from Laolu Akande, Senior Special Assistant to the President on Media and Publicity (Office of the Vice President), Osinbajo made this known while delivering a speech at a gathering on the African Carbon Markets Initiative (ACMI) at the Rockefeller Foundation in New York.

Professor Yemi Osinbajo, in his speech, stated, "By COP 28, we need to show actual results. Therefore, I would propose that by COP 28, we should be able to deliver the following five goals:

- At least five countries should have developed country activation plans. Nigeria will be one of them.
- . We should have Advanced Market commitments of over \$1 billion.
- We should be developing new projects based on new methodologies and realities of Africa, like diesel replacement credits.
- We should be scaling up more than a dozen project developers or carbon credit suppliers.
- And most importantly, by COP 28, we should have retired more than 40 million carbon credits on the continent."

Senator John Kerry of the United State responded by stating that it is feasible to establish a high-integrity carbon market to meet climate change and African development objectives. Senator Kerry emphasized the need for the developed world to address the climate problem and expressed satisfaction that all parties were working together to secure funding.



7. **NEWSLETTERS**



7.1 EL LINKEDIN NEWSLETTER

EL LinkedIn Newsletter was launched in October 2022. Thus far, the LinkedIn Newsletter has been used as a medium of disseminating all published Electrify Insights to subscribers for a wider reach and impact.

7.2 EL MONTHLY NEWSLETTER & ENERGY TRENDS AND OPPORTUNITIES

EL's website currently has over 500 subscribers. A general Newsletter was curated to engage EL's subscribers monthly. The content of this Newsletter include knowledge sharing through the inclusion of a special insight edition, updates on EL's activities for the month, country spotlight, a carousel display of EL's services, promotion of the content of EL's website and upcoming developments. Alongside the newsletter is the monthly energy trends and opportunities curated for EL clientele and subscribers to empower our audience with energy innovations and trends in the industry that will lead to value added decisions, and to allow the audience take advantage of global opportunities that can increase profits and investment.

8. ELECTRIFY CONVERSATIONS

ELECTRIFY CONVERSATIONS

Electricity Lawyer successfully scheduled two (2) editions of Electrify Conversations in 2023.

The first edition with the theme "Projecting the Future of Nigeria's Power Sector under the New Administration" held on June 29, 2023 with 7 key experts in the power sector of Nigeria invited as panelists to discuss, analyse and proffer expert recommendations regarding the future of the power sector in Nigeria; on the premise of the President's power sector plan and the novel Electricity Law (2023).

The second edition of Electrify Conversations, with the theme "Impact of the Energy Charter Treaty (ECT) Modernisation on Africa's Energy Transition Pathway" held on September 27, 2023; was graced by 4 industry experts leading the conversation on the impact of the ECT modernisation process on Africa's energy transition pathway, given the need for cooperation between the Global North and the Global South, in driving the global energy transition agenda.

9. LEGAL, REGULATORY AND POLICY DATA INTELLIGENCE

LEGAL, REGULATORY AND POLICY DATA INTELLIGENCE

Electricity Lawyer introduced its Legal, Regulatory and Policy Data Intelligence in February 2023, providing an in-depth analysis of energy industry data from a legal, regulatory and policy angle to assist decision makers, investors, and stakeholders in understanding the implications of energy market developments and make well-informed decisions. Thus far, forty (40) LRPs have been published.





Legal, Regulatory & Policy Data Intelligence

Practical Considerations for attaining climate change emission target levels as recommended by the International Energy Agency



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10. AFRICA ENERGY TRANSITION WATCH (AETW)

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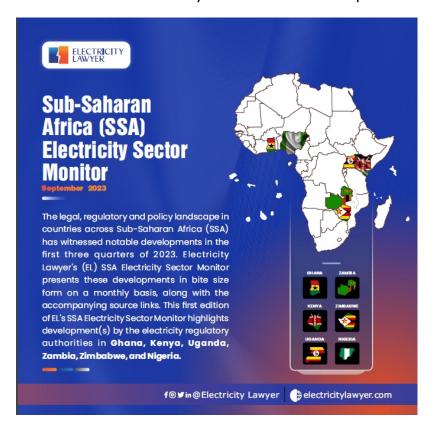
The Electricity Lawyer (EL) Africa Energy Transition Watch was introduced in May 2023 to track the preparedness of countries across Sub-Saharan Africa (SSA) for the energy transition, using several energy transition indicators as curated by EL, particularly focusing on Renewable Energy and mostly reflected in the EL Legal and Regulatory Indices Snapshot of SSA Power Markets. Thus far, twenty-nine (29) editions of AETW have been published.



11. SSA ELECTRICITY SECTOR MONITOR

SSA ELECTRICITY SECTOR MONITOR

As part of Electricity Lawyer's (EL) mandate to promote energy access across Sub-Saharan Africa (SSA) through knowledge dissemination to key stakeholders in the electricity industry; for effective decision making from a legal, regulatory, policy, commercial, technical, and financial perspective, EL has developed the SSA Electricity Sector Monitor, providing updates regarding electricity sector developments with respect to the legal, regulatory and policy landscape in countries across SSA. Thus far, three (3) editions of the SSA Electricity Monitor have been published.





RESEARCH IMPACT AND TRAININGS

EL was engaged to undertake several research projects, highlights of which include but are not limited to:

	Mini- Grid Developers Business Advisory Services including developing the EL Mini-Grid Developers Package
	Legal and Regulatory Guidance on the Set Up of a Solar Farm in South Africa
	Green Hydrogen Policy Development Business case
,0	Research project on the US Clean Energy Demand Initiative (CEDI)
	Advisory support regarding the structuring/development and restructuring of electricity markets
	Advisory support on electricity distribution franchising models, regulations and contracting
	Developing and Delivering a Green Hydrogen Training on the Legal Dimensions of Green Hydrogen Production in Nigeria; in partnership with the Renewables Academy (RENAC); as sponsored by Deutsche Gesellschaft für Internationale Zusammenarbeit (GiZ)
	Country Expert for the AFSIA (Africa Solar Industry Association) Annual Solar Outlook Report, 2024.



EVENTS

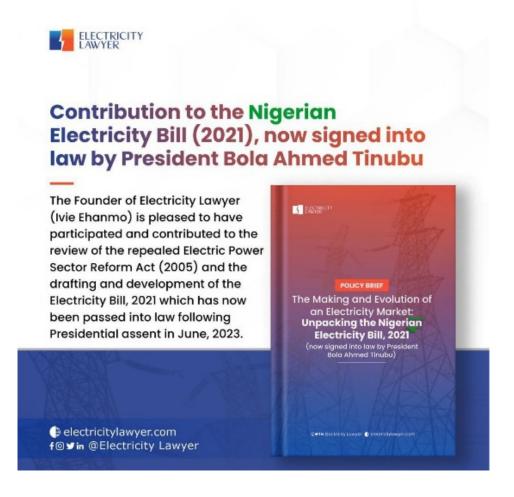
- EL participated in the EL & Clean Tech Hub Webinar, titled "Opportunities for Lawyers in the Renewable Energy Sector"
 - 10th May 2023
 - Participated in Panel Session: Opportunities for Lawyers in the Renewable Energy Sector
- 2. EL participated in Renewable Energy Association of Nigeria Twitter Space, titled "The Nigeria 2023 Electricity Act - Benefits & Impacts on the Renewable Energy Sector"
 - 14th July 2023
 - Participated in Panel Session: The Nigeria 2023 Electricity Act Benefits & Impacts on the Renewable Energy Sector
- Electricity Lawyer's founder participated as a speaker at the International Reunion Seminar at the Centre for Energy, Petroleum and Mineral Law & Policy (CEPMLP), University of Dundee.
- 4. EL participated in a business webinar titled "Building a New Pipeline for Renewable Energy Investment: The Role of Early Equity" on 6th December 2023.
- 5. EL participated in the 79th Power Dialogue event, titled: "Opportunity Costs and Events Landscape for adopting Smart Meters and IoT in the Sector" on 1st February 2023.
- 6. EL participated in the Renewable Energy Association of Nigeria (REAN) E-Mobility webinar titled "E-mobility: Present & Future Realities/Potentials for Adaptation" on 29 August 2023.

D) VISIBILITY HIGHLIGHTS

VISIBILITY HIGHLIGHTS

- 1. Electricity Lawyer's Founder's Note was featured on the LinkedIn News for its contribution on "Grid Interconnection"
- 2. EL's Green Hydrogen Toolkit was referenced by Hydrogen Intelligence, a market intelligence platform that supports and promotes Renewable Energy and all colour shades of Hydrogen in Europe, Middle East and Africa.
- 3. Electricity Lawyer, through its Founder contributed to the Basel Agency for Sustainable Energy (BASE) report on "The Role of Africa's ESCOs market", outlining current market opportunities and barriers to offering integrated energy propositions to consumers in six African countries (Morocco, Kenya, Ghana, Nigeria, South Africa and Rwanda). The report can be accessed at https://energy-base.org/news/report-launch-the-role-of-africas-esco-market/

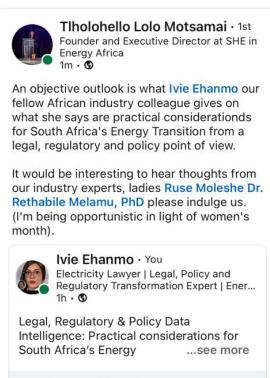
4. Electricity Lawyer's Founder, Ivie Ehanmo contributed to the review of the repealed Electric power Sector Reform Act 2005 and the drafting / development of the Electricity Bill 2021 which has now been passed into law following Presidential assent in June 2023.



5. Ivie Ehanmo was a speaker at the International Reunion Seminar at the Center for Energy, Petroleum and Mineral Law & Policy (CEPMLP), University of Dundee. Her presentation focused on Legal and Regulatory pathways for Africa's Energy Transition, specifically analysing the Impact of the flexibility mechanism (as part of the Energy Charter Treaty modernisation process) on Sub-Saharan Africa's energy transition pathway.



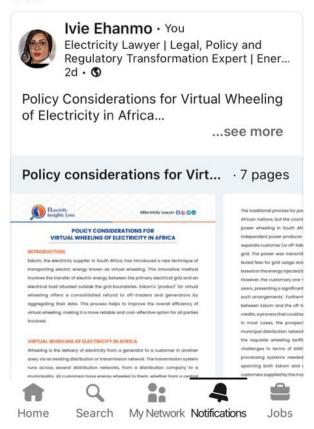
6. Electricity Lawyer's Legal, Regulatory and Policy data intelligence on "Practical Consideration on South Africa's Energy Transition" was acknowledged by Tlholohello Lolo Motsamai, the founder and executive director at SHE Energy Africa



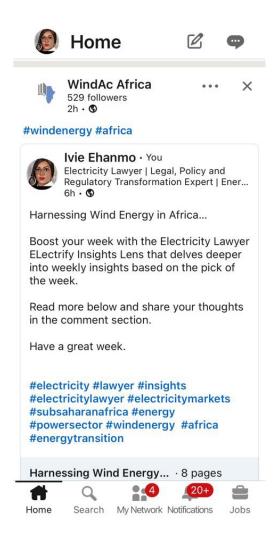
7. Ethiopian Energy^Power Business Portal,eepBp, a premier Ethiopian Energy and Power Business Platform acknowledged the Electricity Lawyer's Electrify Insights Lens on "Policy Considerations for Virtual Wheeling of Electricity in Africa".



This could be a good lesson for **#Ethiopia** as well.



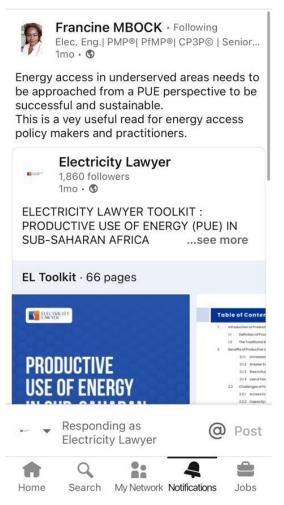
8. WindAc Africa, a joined networking environment for skilled researchers, students and members of the wind sector of renewable energy acknowledged the Electricity Lawyer's Electrify Insights Lens on "Harnessing Wind Energy in Africa".



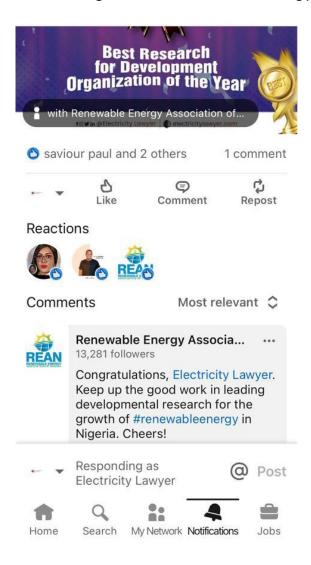
9. Clean Energy 4 Africa (CE4A), a knowledge hub for sustainable energy in Africa acknowledged the Electricity Lawyer's Electrify Insights Lens on "Harnessing Wind Energy in Africa".



10. Francine Mbock, an electrical engineer, renewable energy engineer, project and portfolio management professional, an international development and governance professional and power sector policy and regulation professional acknowledged the Electricity Lawyer's Toolkit on Productive Use of Energy in Sub Saharan Africa.



11. EL was highlighted by Renewable Energy Association of Nigeria (REAN) for its good work in leading research for the growth of renewable energy in Nigeria.



E) AWARDS AND RECOGNITIONS

AWARDS AND RECOGNITIONS

Electricity Lawyer was granted an award by the Renewable Energy Association of Nigeria (REAN) for the 'Best Research for Development Organisation of the Year 2023.



F) COLLABORATIONS AND PARTNERSHIPS



COLLABORATIONS AND PARTNERSHIPS

EL forged relationship with a new partner organisation, namely:

• Renewables Academy (RENAC)

EL's founder forged relationship with a new partner organisation, namely:

• United Kingdom Nigeria Infrastructure Advisory Facility (UKNIAF)

G) EL's 2024 OUTLOOK

EL plans to focus on thought leadership via its flagship Electrify Conversations initiative set to launch from 2024, alongside other initiatives and services currently at incubation stage(s). Notable among the 2024 EL outlook is:



ELECTRICITY LAWYER COACHING AND MENTORING SPACE 2024



Energy lawyers are required to be knowledgeable in energy law, policy, and utility regulation. It is expected that they also have excellent analytical, communication, and research skills, along with the need to stay abreast regarding changing laws and regulations in the energy sector.

Electricity Lawyer is set to launch its coaching and mentoring space in 2024, where 10 young/aspiring female energy lawyers will be preselected following an application process, to be mentored and coached on practical insights and essential skills required for lawyers seeking to practice or at the early stage(s) of practicing in the energy sector, at date(s) and time(s) to be communicated to selected candidates.

The sessions will include coaching and mentoring, project activities, and internship opportunities, etc.

Interested applicants will be required to complete and submit a form via an application link to be shared prior to each cohort per the applicable quarter.

Kindly watch our social media pages for further details.



To join the EL community, please visit our social media pages and our website at www.electricitylawyer.com.

For Enquiries and/or Advisory Services, kindly reach out to us at our e-mail address: ask@electricitylawyer.com

For Research and Insights, kindly reach out to us at our email address: insights@electricitylawyer.com

For Training and Capacity Building, kindly reach out to us at our email address: trainings@electricitylawyer.com

