









EL: 2022 YEAR-END REPORT



EL: 2022 YEAR-END REPORT

HIGHLIGHTS OF THE YEAR 2022

-  **Knowledge Access**
-  **Research Impact**
-  **Conferences/Events**
-  **Visibility highlights**
-  **Partnerships/collaborations**
-  **EL's 2023 Outlook**



HIGHLIGHTS OF THE YEAR 2022



A. Knowledge Access

6 Toolkits

5 Policy briefs

1 Report

**13 ELectrify Insights Lens
Newsletter**

EL LinkedIn Newsletter

EL Month Newsletter



B. Research Impact



C. Conferences/Events



D. Visibility highlights



E. Certifications and Achievements



F. New partnerships/collaborations



G. EL's 2023 Outlook

Electricity Lawyer (EL) launched in June 2022 (although the incubation stage commenced in October 2020) as 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. EL since its launch has promoted energy access through knowledge access, the highlight of which include:



A. KNOWLEDGE ACCESS



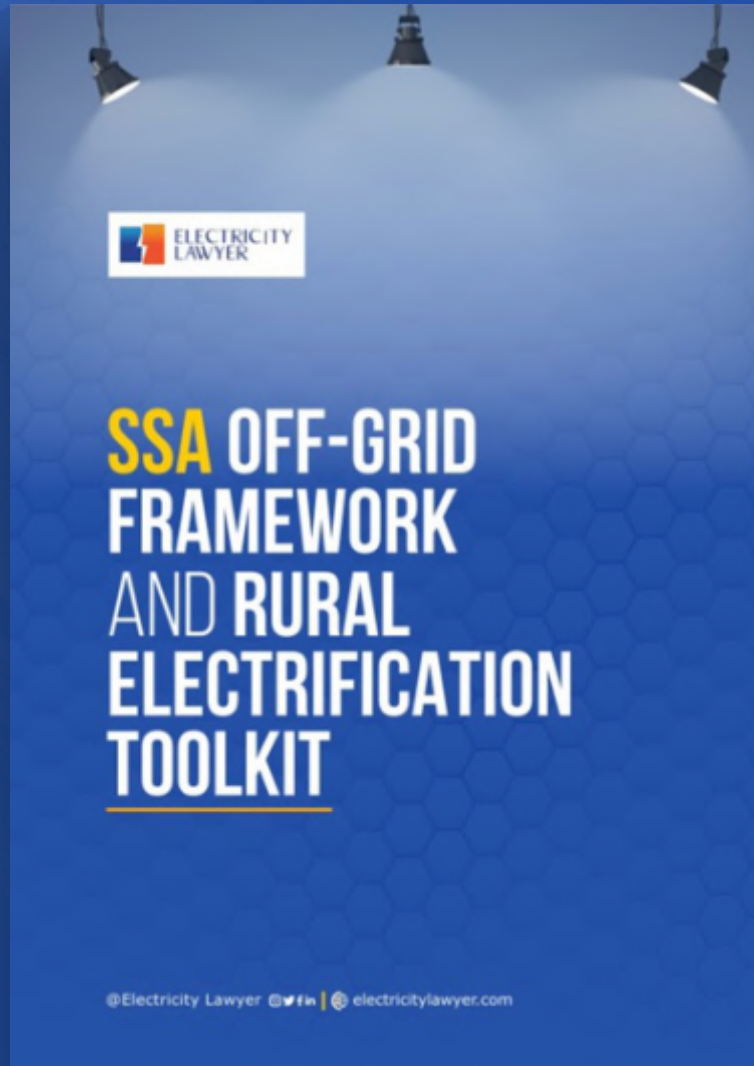
1. TOOLKITS

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 2022 for the following areas:



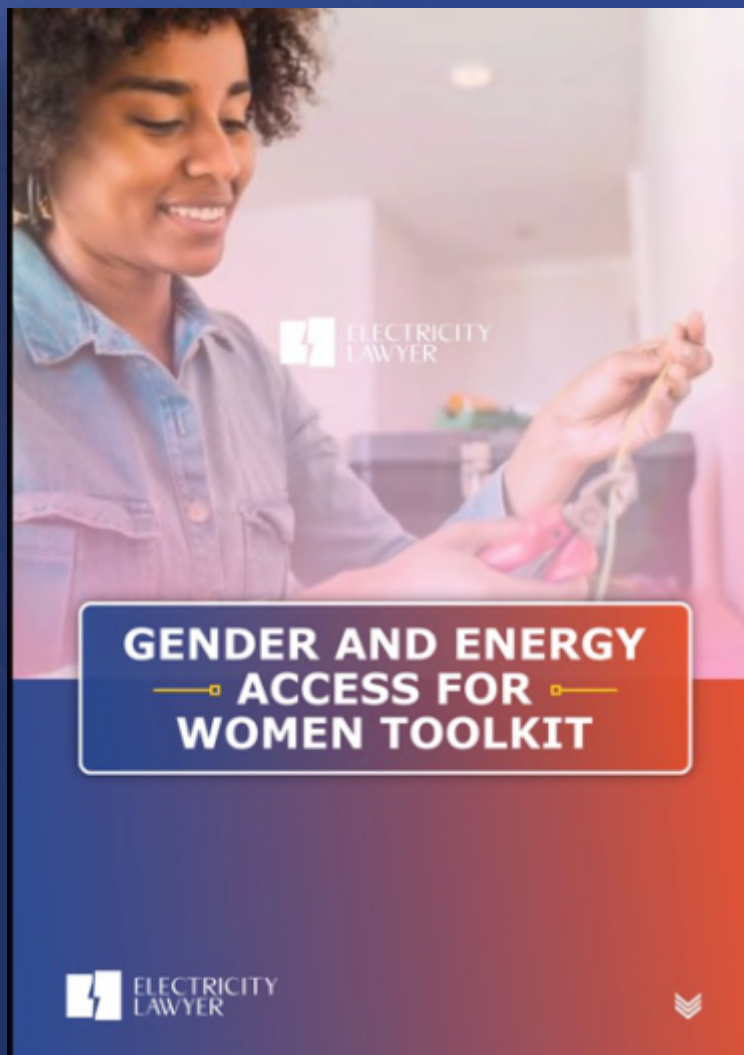
1.1 SSA OFFGRID FRAMEWORK AND RURAL ELECTRIFICATION TOOLKIT



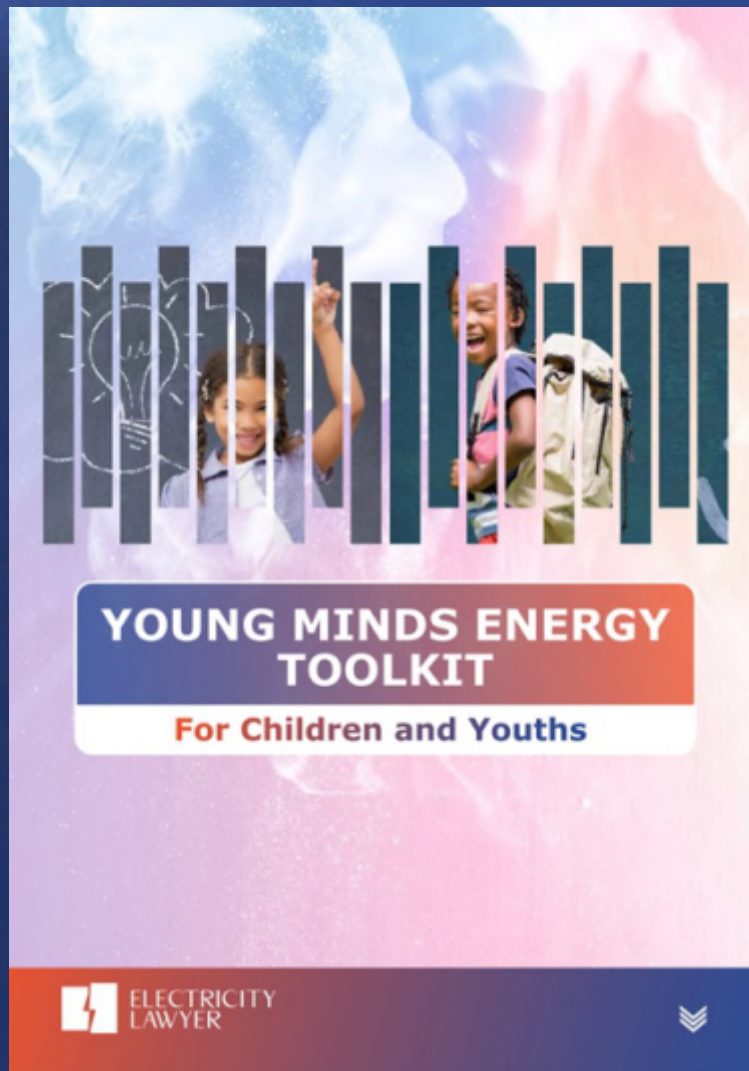
1.2 E-MOBILITY [ELECTRIC VEHICLES] TOOLKIT



1.3 GENDER AND GENDER ENERGY ACCESS FOR WOMEN TOOLKIT



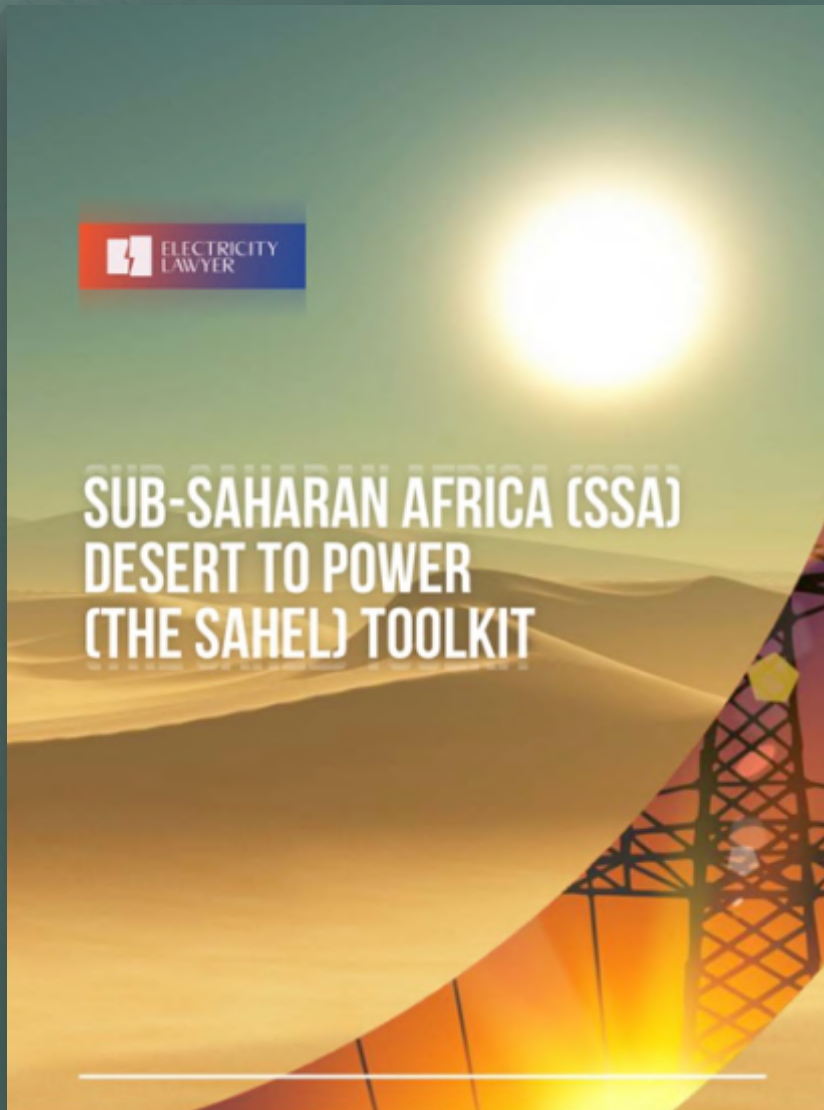
1.4 YOUNG MINDS ENERGY TOOLKIT



1.5 DISPUTE RESOLUTION TOOLKIT



1.6 DESERT TO POWER [THE SAHEL] TOOLKIT



2. POLICY BRIEFS

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

Five (5) Policy Briefs were released in the year 2022 for the following laws/legislations/developments across sub-Saharan Africa.

A person is holding a stack of binders. The top binder has a blue label with the word "POLICIES" in white capital letters. The person's hands are visible at the bottom, holding the binders. The background is a solid blue color.

POLICIES

2.1 KENYA: DRAFT ENERGY [NET-METERING] REGULATIONS, 2022 POLICY BRIEF

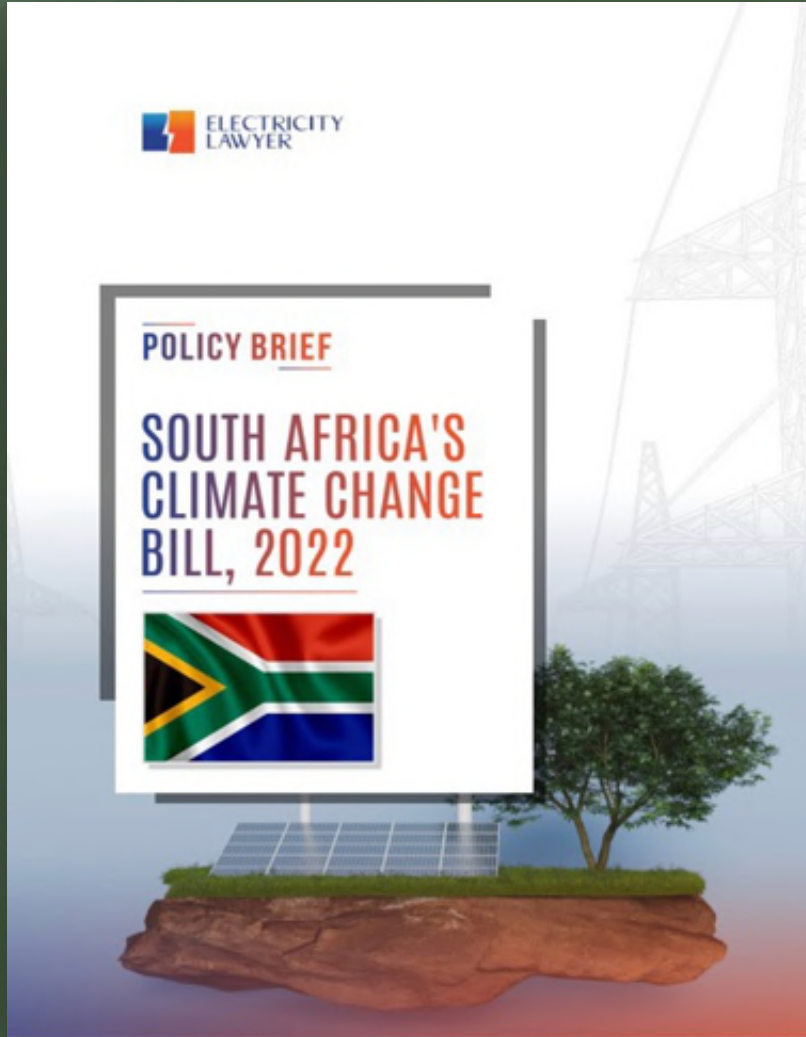


2.2 UGANDA: NEW DEVELOPMENTS IN THE ELECTRICITY AMENDMENT ACT, 2022 POLICY BRIEF

This policy brief was formulated in collaboration with Gennis Consulting, EL's partner organisation in Kenya.

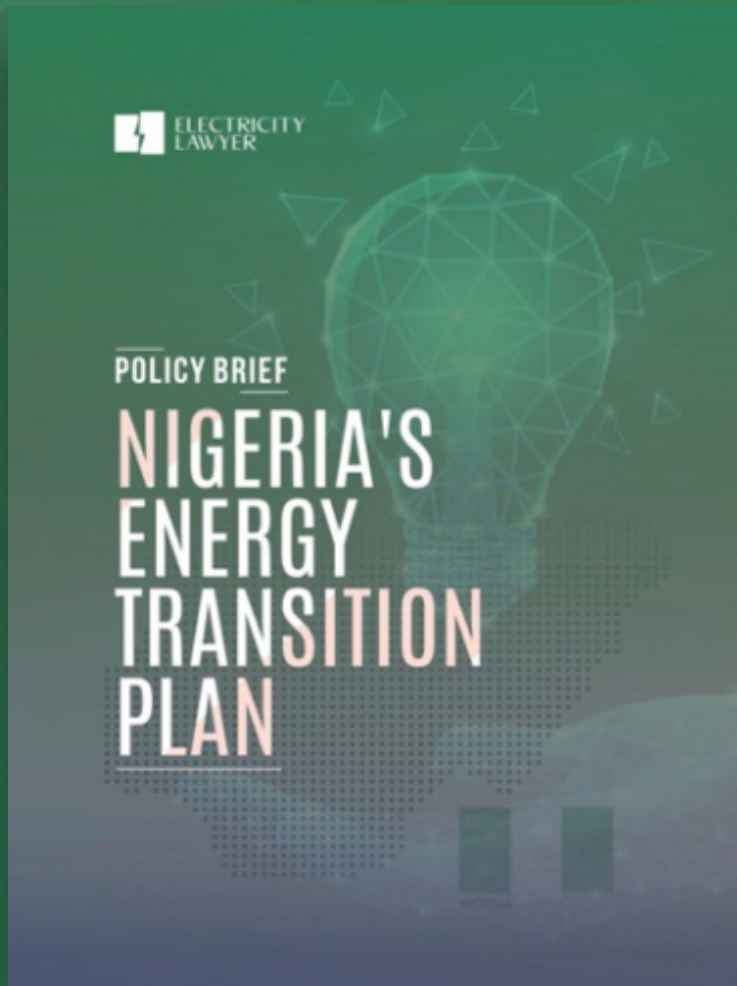


2.3 SOUTH AFRICA'S CLIMATE CHANGE BILL, 2022 POLICY BRIEF

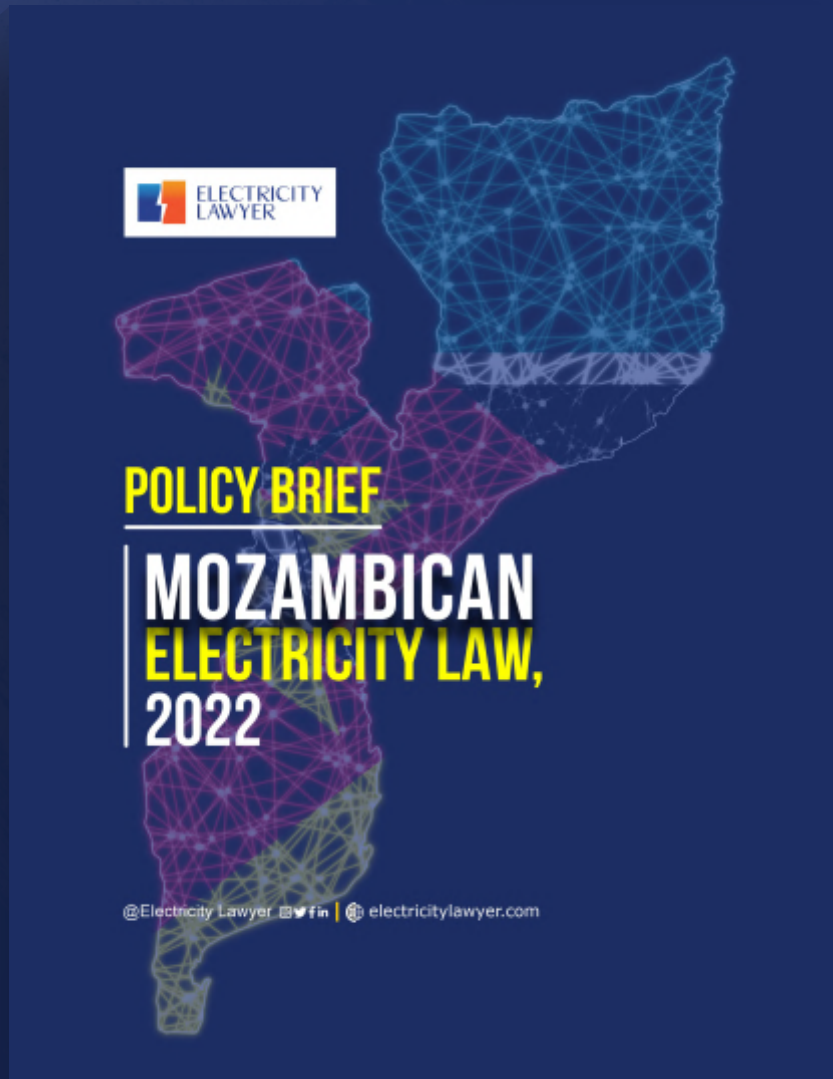


2.4 NIGERIA ENERGY TRANSITION PLAN, 2022 POLICY BRIEF

This policy brief was disseminated by the Renewable Energy Association of Nigeria (REAN) during its stakeholder dialogue on the Energy Transition Plan (ETP) in December 2022, in partnership with Heinrich Boll Stiftung, GOGLA and All On.



2.5 MOZAMBIQUE ELECTRICITY LAW POLICY BRIEF

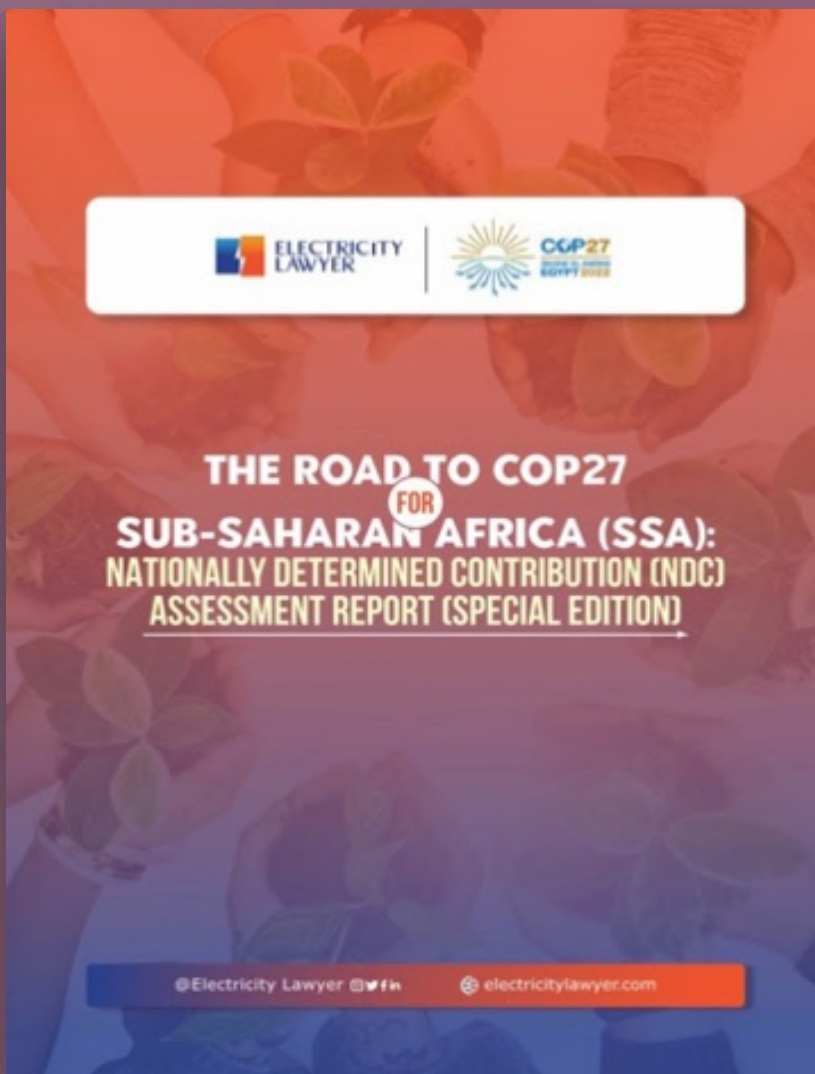


3 REPORTS

One (1) report was released in November 2022 on the back of COP27



3.1 THE ROAD TO COP27 FOR SSA: NATIONALLY DETERMINED CONTRIBUTION [NDC] ASSESSMENT REPORT [SPECIAL EDITION]



4 LEGAL AND REGULATORY FACTS

The EL Legal and Regulatory facts series was launched in October 2022, highlighting electricity sector legal and regulatory facts applicable in countries across Sub-Saharan Africa.



LEGAL AND REGULATORY FACTS

ELECTRICITY LEGAL AND REGULATORY FACTS



FUEL MIX

In 2020, the energy source with the highest percentage in the fuel mix of Sub-Saharan Africa was fossil fuels at 58.13%. The percentage of hydropower stood at 36.57%. Geothermal and Solar were at a ratio of 2.99% and 1.35% respectively. Wind as a composition of the fuel mix took a low percentage of 0.86% while nuclear was 0.10%.

To read more about the fuel mix in power sectors across Sub-Saharan Africa per country, visit www.electricitylawyer.com

#electricitylawyer

#SSA

#legalandregulatory

#fuelmix

#electricitymarkets

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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.



LEGAL AND REGULATORY SERIES



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, thirteen (13) Electrify Insights Lens have been published.



ELECTRIFY INSIGHTS LENS



@Electricity Lawyer   

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

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

The EL's website currently has over 60 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.

RESEARCH IMPACT

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



ECOWAS Regional Electricity Code and its attendant Regional Electricity Code Report.



Collaborative research with a global consulting firm on Business Models and Financing Strategies for Enterprises to Access On-Site Sustainable Energy Solutions available in Africa.



Global investment fund manager- Research on business models to scale up off-grid financing in Africa within the wider energy access finance framework.



Electricity Distribution Franchising Regulatory Framework development.



Off-Grid Market Studies in Nigeria and across Africa.



Market Studies on the interplay between State and Federal electricity regulations.



Electricity market progression legal and regulatory advisory services.



Country Expert for 10 countries across SSA for the Africa Annual Solar Outlook report for 2023 on behalf of AFSIA, etc.



Mini-Grid Developers: Contractual and Financing Options for a portfolio of mini-grid sites.



IPPs/Utilities: Governance Best Practices in line with local and global statutory/international best practice requirements, etc.



C. CONFERENCES/EVENTS

1. EL participated in the ReEnergy Africa Annual Summit

- 26th – 27th October 2022
- Participated in Panel Session: Achieving Universal Energy Access through Renewable Energy Sources



ReEnergy Africa SUMMIT

26 - 27 October 2022
VIRTUAL - FORMAT

PANEL SESSION
Achieving Universal Energy Access through Renewable Energy Sources.

 **PANELIST**

Ivie Ehanmo
Founder, Electricity Lawyer

Summit Collaboration/Sponsorship/Exhibition:
Email: summit@reenergyafrica.com Cc eamudo@reenergyafrica.com
WhatsApp/DL: +234 810 114 7576; +250 788 755 677; +1 310 735 3981

REGISTER NOW!

www.reenergyafrica.com/summit

ReEnergy Africa

2. ReEnergy Africa: 4th ReEnergy Africa Business Roundtable

Financing Sustainable Energy Access by Governments and Private Sector in West Africa.



4TH
ReEnergy
Africa
BUSINESS
ROUNDTABLE

Wednesday April 20th, 2022
2pm - 5pm West Africa Time

Financing Sustainable Energy Access
by Governments and Private Sector
in West Africa: Key Challenges and
Ways Forward.

Registration link
<https://lnkd.in/dHsvNzHC>

PANELIST
Ivie Ehanmo
Founder, Electricity Lawyer

3. RENEWABLES IN AFRICA: The Sustainable Business Seminar

Our Founder (**Ivie Ehanmo**) delivered a presentation on building sustainable legal and regulatory frameworks for governments and businesses in the energy industry.



4. ETK and RENEWABLES IN AFRICA:

Africa: Key Strategies to Achieve Full Energy Access in the Next Two Decades

Our Founder (**Ivie Ehanmo**) delivered a presentation on the legal and regulatory considerations for achieving full energy access in the next two decades.

ETK Group and Renewables in Africa present

RENEWABLES IN AFRICA

Africa: Key Strategies to Achieve Full Energy Access in the Next Two Decades

Join us for this exclusive webinar where we will discuss and identify key strategies for providing affordable, reliable, and clean energy to all.

17th February 2022
2pm - 3pm UK Time

 **zoom**
register below


Tony Tiyou
Founder and CEO, Renewables in Africa


Terje Osmundsen
Founder and CEO, Empower New Energy


Ivie Ehanmo
Electricity Sector Legal and Regulatory Expert


Terser Adamu
Director of Growth, ETK Group and Panel Moderator

5. EL participated in the Energy Summit 2022 organised by the Energy Institute, Nigeria.

- 8th – 10th November 2022
- Energy Sustainability Conference 2022



6. **REN21 RENdez-vous Africa Event on Renewable Energy Transition**

Our Founder (Ivie Ehanmo) participated as a panelist in the REN21 RENdez-vous Africa event in June 2022 focusing on 'Driving Innovation to Secure Renewable Energy Transition'.





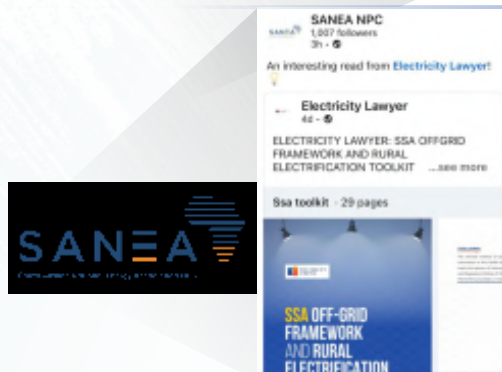
D. EL VISIBILITY HIGHLIGHTS



1. EL's Policy Brief on the Nigerian Energy Transition Plan was disseminated by the Renewable Energy Association of Nigeria (REAN) during its stakeholder dialogue on the Energy Transition Plan (ETP) in December 2022, in partnership with Heinrich Boll Stiftung, GOGLA and AllOn.



2. EL's E-Mobility Toolkit was referenced in a French article titled "Marché du deux-roues motorisé: l'électrique devrait représenter 50 à 70% des ventes en Afrique d'ici 2040 (rapport)" [Translated to mean "Motorized two-wheeler market: Electric expected to account for 50-70% of sales in Africa by 2040 (report)"] by agencee cofin.



3. EL's SSA Off-Grid and Rural Electrification Toolkit was referenced by SANEA NPC, a hub for thought leadership on energy and related matters.



4. EL's Founder, Ivie Ehanmo provided legal and regulatory support to the Renewable Energy Performance Platform (REPP) managed by Camco on measures to improve the mini-grid enabling environment in Nigeria culminating into the development of a multi-stakeholder position paper.
-



5. EL's Founder, Ivie Ehanmo, was referenced in several articles published by Naira metrics titled "Service Based Tariff is making Nigerian spend more for improved power", "Metered electricity consumers in Nigeria increased to 4.9 million in Q2 2022" and "Nigerians says cooking with electricity is better while on estimated billing"
-

“Service Based Tariff is making Nigerian spend more for improved power”

What is Service-Based Tariff? (SBT)

Service-based tariffs are power supply costs based on a reflection of expenses across the power value chain. Consumers are charged based on the power they enjoy.

In a 2021 op-ed, Electricity Lawyer, Ivie Ehanmo wrote that the Service Based Tariff (SBT) program under NERC is an intervention to address the liquidity crisis in Nigeria's power sector.

According to Ehanmo, the methodology under the SBT is based on hours of supply availability to various customer classes across the value chain, indicated by guaranteed levels of service by the electricity distribution companies (Discos) to end-users, following regular consultation processes and monitoring by NERC.

Service Based Tariffs (SBTs) took effect in 2020 when the Nigerian Electricity Regulatory Commission (NERC) directed Electricity Distribution Companies to commence the collection of SBTs across the country.

“Nigerians says cooking with electricity is better while on estimated billing”

- Electricity lawyer and power systems expert, Ivie Ehanmo told Nairametrics that from an energy efficiency perspective, electric stoves are believed to consume less energy than gas for the equivalent amount of use.
- She said: “On the other end of the spectrum, gas is believed to be a better option in terms of overall carbon emissions as burning natural gas produces heat more efficiently than electric heat sources. The use of LPG causes minimal household pollution and negative health impacts as it emits fewer greenhouse gases than other cooking fuels.
- “The source of energy is a key determinant. If electricity is purchased from a company that supplies renewable energy, then an electric stove may be the better option in terms of carbon emissions. If otherwise, then gas may be a better option as electricity is believed to emit twice as much carbon as gas. The overall focus should be on switching to greener sources from renewable forms of energy to reduce one's carbon footprint.”

“Metered electricity consumers in Nigeria increased to 4.9 million in Q2 2022”

Electricity lawyer, Ivie Ehanmo tells Nairametrics that the capital expenditure (CAPEX) requirements for metering by distribution companies (discos) is high, hence, it will take a longer time to close the metering gap, despite the ongoing government initiatives such as MAP/NMMP.

“To provide a practical illustration, 1 million meters cost about N50 billion, hence, to meter a million customers on a year-on-year basis, it would cost roughly N50 billion per year and this is for customers without meters without factoring customers with damaged or obsolete meters. The various ongoing metering initiatives can partially absolve but cannot defray the total required costs.



Energy Chamber of Ghana

1,112 followers

5h · 🌐

Dr. Matthew Opoku Prempeh, the Minister of Energy for Ghana, reiterated Ghana's commitment to promoting clean cooking in the just concluded COP27 in Sharm El Sheikh, Egypt, in conjunction with the Kingdom of Saudi Arabia's Clean Fuels Solutions for Cooking Event.

The Minister emphasized Ghana's clean cooking strategy, which aims to increase the productivity of the manufacture of cooking fuel, its delivery to markets, value addition, and its promotion of effective end-user technology.

The Minister continued by saying that Ghana would cut its usage of wood and charcoal for cooking to below 30% by the year 2030, lowering its carbon footprint and expanding household access to LPG (Liquefied petroleum gas) to 50%.

Source: [Electricity Lawyer](#)

6. EL's Electrify Insights Lens was referenced by the Energy Chamber of Ghana, an advocate of key issues affecting the energy sector.

7. ESI Feature: Spotlight on Utility Policy...five energy professionals weigh in

ESI Africa spoke to five women in the energy industry, from a policy expert to an electricity lawyer, about the importance of policy and regulation in African utilities. These phenomenal women also spoke on the prominent focus areas that they believe should be afforded more attention.



Ivie Ehanmo

Founder of Electricity Lawyer

Our Founder (**Ivie Ehanmo**) was selected as one of the five women given her deep knowledge and experience in energy markets across Sub-Saharan Africa.

8. ESI Issue 2 feature in the ESI Africa Magazine, 2022

Our Founder (Ivie Ehanmo) was featured in the referenced ESI magazine edition in an exclusive Women in Energy interview focusing on:

- The importance of policy and regulation to reach an energy transition future for African utilities.



Click on the below Link to view her response:

<https://www.esi-africa.com/interviews/with-a-tailored-strategy-clean-energy-investments-are-set-to-soar/>

9. The role of law, regulation and policies in driving Africa's energy transition





Our Founder (**Ivie Ehanmo**) was interviewed and featured in the Energy! Newsletter where she discussed **the role of law, regulation and policies in driving Africa's energy transition.**



Ivie Ehanmo
Founder of Electricity Lawyer

10. ESI Africa feature: Exploring alternatives to Take or Pay Power Purchase Agreements

 ESI Africa
3mo • 


+ Follow


Power purchase agreements (PPA) are the long-term contracts between project developers and offtakers, most often the [#utility](#) in the African context. Since this PPA provides the revenue stream underwriting the project, the payment structure needs careful consideration to be fair to all parties.

Take-or-Pay quantities can be adjusted based on several factors. Read more about these factors in our latest ISSUE 2 digital magazine:
<https://lnkd.in/esFpHWjf>

[#ESIAfrica](#) [#ISSUE2](#) [#finance](#) [#revenue](#) [#projects](#) [#energytransition](#) Ivie Ehanmo

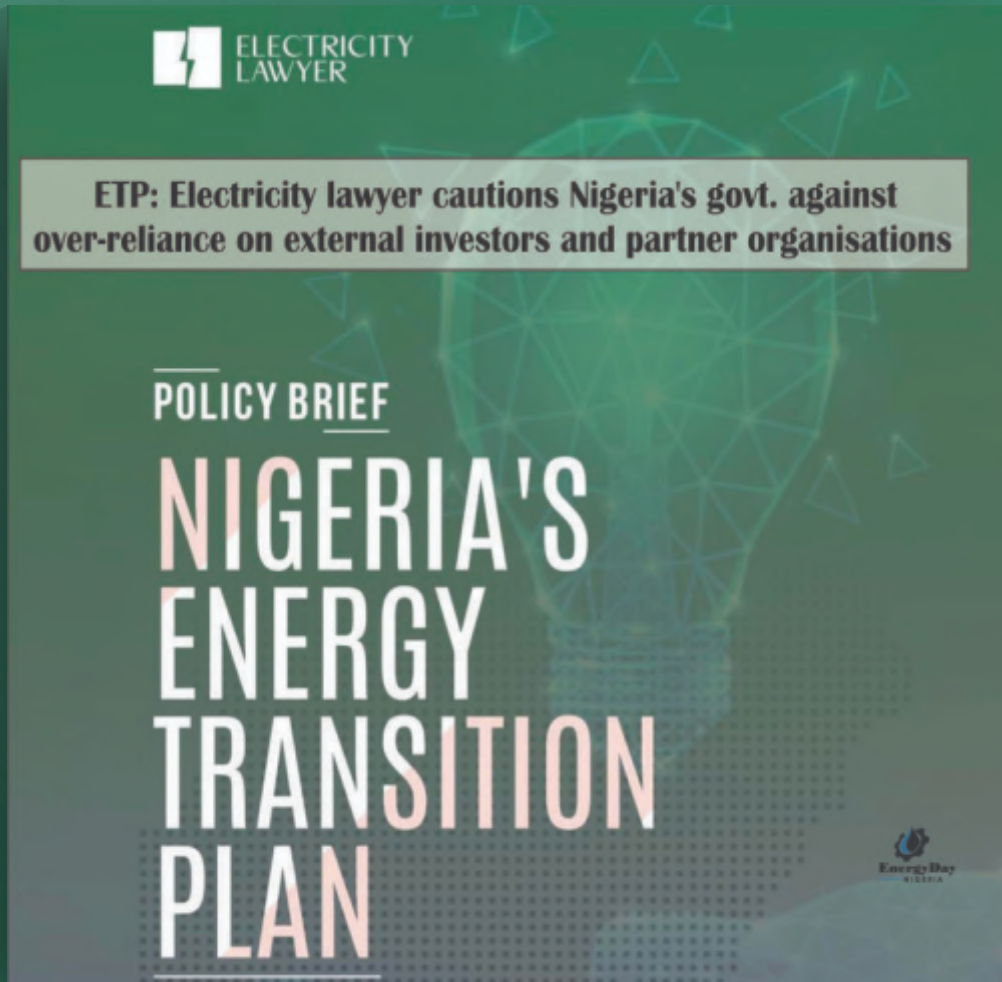
Image credit: Umoya Energy Wind Farm in Hopefield, South Africa




WIND • ENERGY • POWER
MAGAZINE
ISSUE 2 - 2022

11. ENERGY DAY FEATURE:



ETP: Electricity lawyer cautions Nigeria's govt. against over-reliance on external investors and partner organisations



Click on the below Link to view the full information:

<https://energydayng.com/2022/09/05/etp-electricity-lawyer-cautions-nigerias-govt-against-over-reliance-on-external-investors-and-partner-organisations/?amp=1>


12. AFRICA ENERGY PORTAL FEATURE: CARBON OFFSETS AS A DRIVER FOR CLIMATE ACTION

 **Africa Energy Portal (AEP)**
17,562 followers
1yr • Edited • 

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A LOOK INTO CARBON OFFSETS - IS AFRICA READY?


What do you know about [#carbon](#) offset? Learn more about the concept, its role in [#greenhousegasemissions](#) , and as [#africa](#) accounts for only 2% of the trading in the global carbon market, how do we improve on this and benefit? This white paper is authored by [Ivie Ehanmo](#) an energy regulatory expert. Please read more via https://lnkd.in/g_fsGqzB [#climatechange](#) [#carbonoffset](#)




A LOOK INTO CARBON OFFSETS - IS AFRICA READY?

africa-energy-portal.org • 1 min read

13. AFRICA ENERGY PORTAL FEATURE: THROWBACK TO PPA PAYMENT STRUCTURES: TAKE-OR-PAY VS TAKE-AND-PAY APPROACH (POLICY BRIEF)


**Africa Energy Portal (AEP)**

17,568 followers
1yr • 

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PPA PAYMENT STRUCTURES: TAKE-OR-PAY APPROACH VS TAKE-AND-PAY APPROACH (A POLICY BRIEF)

The payment structure that a country chooses when signing PPAs set the tone for allocating revenue and market risk of the project between the government and the IPP. This policy brief developed by [Ivie Ehanmo](#), an energy regulatory specialist throws more light on PPA and payment structures .. Please access the full report via <https://lnkd.in/d5wxWQyz> [#powergeneration](#) [#powerprocurement](#) [#ppas](#)



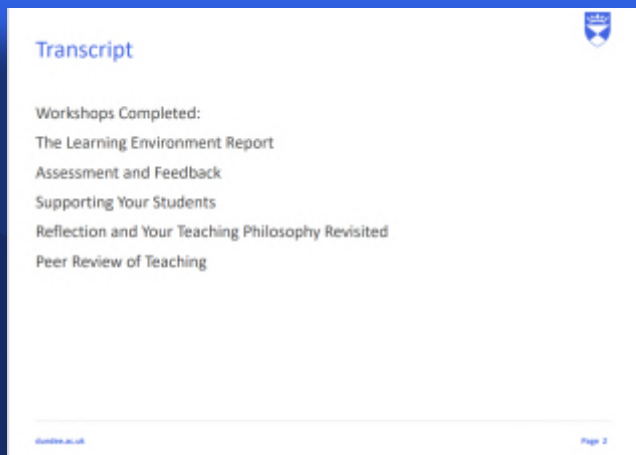
PPA PAYMENT STRUCTURES: TAKE-OR-PAY APPROACH VS TAKE-AND-PAY APPROACH (A POLICY BRIEF)
africa-energy-portal.org • 1 min read



E. CERTIFICATIONS AND ACHIEVEMENTS

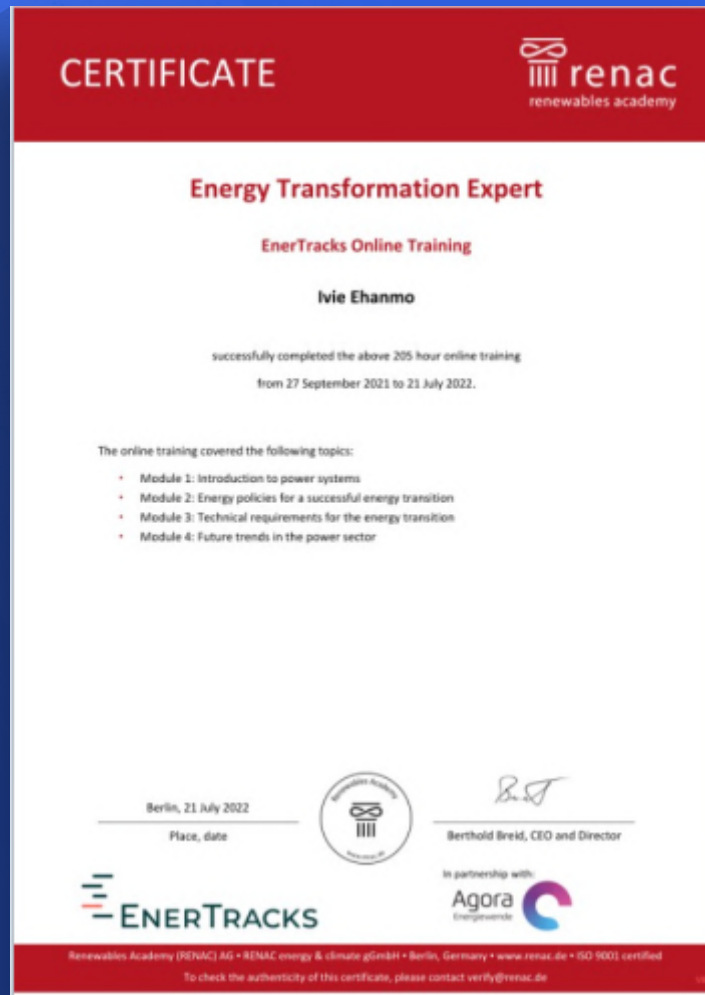
Learning to Teach in Higher Education (LTHE) Course

Given her passion for teaching and knowledge impartation, our Founder (**Ivie Ehanmo**) recently completed the University of Dundee, 'Learning to Teach in Higher Education (LTHE)' Course and it was a valuable experience navigating through important facets of teaching: the learning environment, providing assessment and feedback, supporting your students, reflecting on my teaching philosophy and reviewing live lectures of peers.



ENERGY TRANSFORMATION EXPERT

Our Founder (**Ivie Ehanmo**) recently completed the 10 months plus 'Energy Transformation Expert' certification programme by the Renewables Academy (RENAC).



EL's Esther Okoro (Research Analyst) graduated from the prestigious University of Aberdeen, Scotland in July 2022 where she was awarded an LLM in Energy and Environmental Law.



A man and a woman in business attire are looking at a tablet together. The man is on the left, wearing a light blue suit and a red tie. The woman is on the right, wearing a light blue suit and glasses. They are standing on a light-colored tiled floor. The background is a plain, light-colored wall.

F. COLLABORATIONS AND PARTNERSHIPS

COLLABORATIONS AND PARTNERSHIPS

EL forged relationships with new partner organisations:

- Clean Energy 4 Africa, founded by Dr. Mohamed Alhaj.



- Energy! Newsletter, founded by Omono Okonkwo.





G. EL's 2023 OUTLOOK

- EL plans to focus on thought leadership via its flagship Electrify Conversations initiative set to launch from 2023, alongside other initiatives and services currently at incubation stage(s).

Electrify conversations



WATCH THIS SPACE!! ANTICIPATE ELECTRIFY CONVERSATIONS






Electricity Lawyer sets to introduce “**Electrify Conversations**”

Electrify Conversations is a dialogue series around legal, policy and regulatory issues in the electricity sector in countries across Sub-Saharan Africa (SSA). Electrify Conversations intends to stir conversations that will positively influence policy decisions in the power sectors across Sub-Saharan Africa.

Together we can shape the policy direction of electricity markets across SSA to promote energy access in the region.



#electricity #electricitylawyer #electrify #conversations #legal
#regulatory #policy #landscape #power #ssa #commercial
#investment #market #stakeholder #invest #issues #concerns

electricitylawyer.com 
@Electricity Lawyer    

Vision of EL in the coming years



VISION OF EL IN THE COMING YEARS



- 01 To promote Energy Access through Knowledge Access
- 02 To be at the forefront of policy transformation for increased energy access and the realization of sustainable development goals in Sub-Saharan Africa
- 03 To be recognised as legal and regulatory experts in all 49 countries across SSA realizable through credible formidable partnerships
- 04 To offer tailored aggregated tools and solutions to stakeholders on pressing issues and concerns in electricity sectors across SSA
- 05 To assist and support key electricity industry stakeholders in closing the electricity access gap in Africa and beyond through our thought leadership programs
- 06 To provide legal, regulatory, policy, commercial, technical, and financial insights to electricity industry stakeholders decision making across SSA
- 07 To assist the provision of affordable, reliable, sustainable, and modern energy for ALL in line with the United Nations Development Programme (UNDP) Sustainable Development Goal 7 (SDG7).



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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
