



Fisuel Seminar – 15-16 of October 2025

Dakar – Senegal

**The Association of Power Utilities of
Africa (APUA)**

Serving the African Electricity Sector

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Seminar – 15 and 16 October 2025

SUMMARY

1) Presentation of APUA

- APUA History, Missions, and Values
- APUA Members and Their Benefits

2) Some achievements:

- APUA Actions for the African Electricity Sector
- The African Network of Centers of Excellence in Electricity (ANCEE) and ANCEE 2.0

3) APUA's key events

PRESENTATION OF APUA

1 – Action 1

- ❑ **APUA** is the Association of Power Utilities of Africa; (in French **ASEA**)
- ❑ A non-for-profit international organization created in **1970** (formerly **UPDEA**), **Abidjan** (Cote d'Ivoire)
- ❑ **APUA's mission**: To bring together African electricity companies and stakeholders to make electricity more accessible, affordable and reliable for the people of Africa.
- ❑ **APUA Values**: Integrity ** Transparency ** Accountability ** Excellence ** Trust.
- ❑ **African union Commission (AUC).**
- ❑ African Energy Commission(**AFREC**).
- ❑ African Electrotechnical Standardization Commission (**AFSEC**).
- ❑ APUA has a privileged partnership with::
 - ❑ the African Development Bank (**AfDB**)
 - ❑ the United Nations Economic Commission for Africa (**ECA**),
 - ❑ the African Union Development Agency (**AUDA**) -
New Partnership for Africa's Development (**NEPAD**)



PRESENTATION OF APUA

1 – Action 2

WHO ARE APUA MEMBERS?

- ❑ **Active Members**: Public or Private Electricity Organizations or Companies of African electricity sector. 58 members in 47 African countries.
- ❑ **Affiliated Members, Official Institutional and Corporate Affiliated Members**: Companies or Organizations, whether African or not, whose activity contributes to the development of the African electricity sector:
- ❑ **Associate Members**: Educational Research Organizations (Laboratories, Research Institutes, Universities or Application Institutes)
- ❑ **Observer Members**: Sub-Regional or International Organizations dealing with energy issues

PRESENTATION OF APUA

1 – Action 3

HOW CAN MEMBERS BENEFIT FROM APUA?

- ❑ **Access the APUA information system in real time**
- ❑ **A direct link to the APUA website**
- ❑ **Use the services of the General Secretariat**
- ❑ **Participate in meetings, workshops, or seminars organized by APUA and meet utility CEOs and other decision makers at a same place.**
- ❑ **Benefit from the services of the African Network of Centers of Excellence in Electricity (ANCEE)**

SOME ACHIEVEMENTS 2 – Action 1

- ❑ Creation of Inter African High School of Engineers (ESIE) in 1979
- ❑ Importance of ESIE for the electricity sector in Africa and worldwide.
- ❑ Creation of regional power pools such as WAPP, PEAC, and EAPP.
- ❑ Sector studies
- ❑ Infrastructure studies
- ❑ Performance improvement.
- ❑ Assessments of Energy Sector Reforms in Africa
- ❑ Funding by:
 - African Development Bank Group,
 - BIZCLIM of the European Union,
 - World Bank Group, and the
 - Economic Community of West African States.

SOME ACHIEVEMENTS 2 – Action 2

- ❑ **Utility CEO and MD Seminars and Forum:**
 - **1998 (Yamoussoukro)-Access**
 - **2001 (Khartoum)-Opening sector to private capital,**
 - **2007 (Addis Ababa)-Good governance,**
 - **2017 (Abidjan)- Utility CEO Governance and Leadership Forum organized in collaboration with the AfDB,**
 - **2018 (Cairo), 2019 (Abidjan), 2022 (Dakar), 2023 (Lilongwe), and**
 - **2024, April 21-22, in Sharm el-Sheikh, Egypt- HL-PSEF**
- ❑ **Collaboration with the AUC: CEMA, PIDA, STC-E**
- ❑ **AFSEM, CMP**
- ❑ **Collaboration with Edison Electric Institute, Washington DC (African Utility Power Sector Exchange)**

SOME ACHIEVEMENTS 2– Action 3

- ❑ **Cooperation with international organizations in the energy sector:**
- ❑ CME, CIGRE, IEC, IRENA, IAEA, AIH, GSEF, GSEP at the global level
- ❑ OLADE (Latin America),
- ❑ AUE (Arab countries),
- ❑ MEDELEC (APUA-AUE-COMELEC-EURELECTRIC), OMEC (Mediterranean countries),
- ❑ GEIDCO (China),
- ❑ GSEF-ISGF (India)
- ❑ Following the adoption of its strategic action plan in 2012, APUA launched a flagship program in 2015 to strengthen shared capacities: the **African Network of Centers of Excellence in Electricity (ANCEE)**.

African Network of Centres of Excellence in Electricity (ANCEE) 2– Action 4

The African Network of Centers of Excellence in Electricity (ANCEE) is an initiative led by APUA to strengthen the capacity of its members, supported by the African Development Bank and the French Development Agency with €13 million.

The ANCEE network is composed of ten (10) centers of excellence active in the field of electricity training and equipped with standardized infrastructure.

Since 2016, ANCEE has supported electricity companies and other entities in the electricity sector in the implementation of their training plans through scholarship and grant mechanisms for the benefit of staff of beneficiary institutions.

African Network of Centres of Excellence in Electricity (ANCEE) 2– Action 5

1	Kafue Gorge Training Centre	Zambia
2	Institut de Formation en Electricité et Gaz	Algeria
3	Centre des Sciences et Techniques de l'Electricité	Morocco
4	Eskom Academy of Learning	South Africa
5	Centre des Métiers de l'Electricité	Côte d'Ivoire
6	Geothermal Training Center (Gtc)	Kenya
7	Egyptian Electricity Holding Company	Egypt
8	National Power Training Institute of Nigeria	Nigeria
9	Centre de Formation et de Perfectionnement de Khledia	Tunisia
10	Volta River Authority Academy	Ghana



African Network of Centres of Excellence in Electricity (ANCEE)

2– Action 6

Achievements

- **Training** : More than 6,5 million Euro were spent on training and training workshops to train more than 9 000 people from 81 Utilities and 40 countries.
- As such :
 - 15% of women were trained
 - 77% of people trained come from fragile utilities
 - 16% of people trained in renewable energies and energy transition
- **Equipment** : More than 1,6 million Euro was devoted to acquisition of equipment for Eight (8) CoEs, financed entirely throw ANCEE.
- **Studies** : Six (6) faisability studies were done for utilities requiring 1 million Euros.



ANCEE 2.0 OVERVIEW

2– Action 7

ANCEE 2.0: the transition

ANCEE 1.0: 2016 - 2024

Where are we today?

- Capitalizing on the lessons learned from the last 4 years activities
- Listening to ANCEE « clients » and CoEs
- Integrating expectations and constraints from financial and technical partners, APUA and ANCEE management

ANCEE 2.0: 2025 - 2029

Where we want to be tomorrow!

- Value-added services offers for Power Utilities
- Expand scope given evolving business challenges
- Improve the business model and make it sustainable
- Adapt the governance and project design through an adequate logic framework
- Increase donors' participation

ANCEE 2.0 OVERVIEW

2– Action 8

ANCEE 2.0: expected results

- **12 CoE's** labeled and regularly audited
- At least **7 CoEs** have benefited from pedagogical and equipment reinforcement actions
- **57 PUs** have benefited from an HR diagnosis and **75%** of them have designed a staff training plan with to the support of ANCEE
- **55 000 men/days** of training carried out within all PUs across the continent (100% of ADF countries)
- About **9,000 people** trained
- As part of the project design and objectives, **77%** of training grants will be awarded to priority topics and targets: renewable energy, energy transition and climate change, gender, smart grid ,increased part of women trained and 80% of grants awarded to fragile PUs
- Availability of an **e-learning platform providing 50 standardized training modules s**
- Establishment of an improved sustainable business model based on the supply of specialized expertise on the technical, organizational, financial or HR aspects of PUS.



ANCEE 2.0 OVERVIEW

2– Action 9

ANCEE 2.0 budget



Source of funding	Costs (kEUR)	% of project's budget
African Development Fund	8,700	65%
Co-funding sources	3,725	28%
APUA	0,789	6%
CoEs, others	0,124	1%
Total project costs	13,340	100%



ANCEE 2.0 OVERVIEW

2– Action 10

Benefits of being a contributor

- High impact realization of capacity development objective within the power sector across the entire continent, with a specific focus on fragile countries.
- High impact visibility as a principal partner in strengthening power sector in African countries.
- Direct support to PUs ensure direct impact on vulnerable population stakeholders and economical growth support.
- Regular interaction with Power Utility Senior leadership.
- Support for capacity development increases future investment pipeline opportunities



SOME FLAGSHIP EVENTS

3– Action 1

- ❑ The Ministers in charge of the power sector, meeting physically on the 24th of April 2024, in the **HIGH-LEVEL POWER SECTOR ENGAGEMENT FORUM**, under the theme “ **Power Security and Energy Transition: The Roles of Utilities, Power Pools, and Governments**”, organized by APUA, hosted by the Government of Egypt and supported by the African Development Bank. This Forum comprised an **APUA Utilities CEO Forum** and a meeting of the **AfSEM Forum** on 21, 22 and 23 April 2024.
- ❑ On 14th April 2025 we launched the activities of the **ANCEE 2.0**
- ❑ From 5 to 9 May, APUA took part in the 9th GEF by EEI, USA
- ❑ The most important was the **APUA 21st congress**, the congress of the 55 years anniversary held in Cairo, Egypt on 26th September to 2nd October 2025

SOME AXES OF COOPERATION WITH FISUEL

3— Action 2

- ☐ Incorporate FISUEL into APUA as an affiliate member
- ☐ Incorporate APUA as an affiliate member of FISUEL
- ☐ Discuss and formalize a Memorandum of Understanding between the two organizations
- ☐ Establish a program for implementing joint activities
- ☐ Study how to direct ANCEE 2.0 activities toward areas of interest to FISUEL
- ☐ Introduce each organization to the members of the other organization
- ☐ This is not exhaustive

SOME FLAGSHIP EVENTS

3— Action 3



**HIGH LEVEL POWER SECTOR ENGAGEMENT FORUM OF
SHARM EL SHEIKH_APRIL 2024**

SOME FLAGSHIP EVENTS

3– Action 4



**APUA 21ST CONGRESS 2025_CELEBRATING 55 YEARS'
ANNIVERSARY, 1ST OCTOBER 2025, CAIRO (EGYPT)**

Closing Seminar

MERCI - THANKS

