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December 2022

The AFSEC Newsletter



Message from AFSEC President

The year 2022 saw the easing of COVID-19 restrictions in many countries, which allowed a cautious but gradual return to normalcy. We therefore had a more eventful year with a greater level of interaction than in the two previous years.

Notable among our activities are :

- 1 The 8th AFSEC General Assembly (Hybrid) Meeting in Accra -July 26-27, 2022 at which we voted for Malawi joining AFSEC as statutory member as well as for RCREEE and EgyptERA joining as affiliate members. We also elected and extended the terms for a number of our officers.
- 2 The 86th IEC General Meeting in San Francisco October 31- November 4, 2022, at which two very important agreements: The Regional Adoption Agreement and The Statement of Cooperation were signed between AFSEC & IEC.
- 3 Signing of a Memorandum of Understanding between AFSEC and Egypt ERA in Cairo following their admission as affiliate members of AFSEC.
- 4 Strengthening the Collaboration with AFSEC Stakeholders namely APUA, AfCFTA, PAQI, ARSO, etc.
- 5 The AFSEC Management Committee (AMC) Meetings to take a number of Management decisions and interact closely with our Regional Representatives to support them in reaching out to new members in the various regions in the Continent.



I would like to take this opportunity thank All National Committees, Management Committee Members, the Executive Secretary and all AFSEC Secretariat staff as well as PTB for helping make 2022 a very successful year.

I am most grateful for your support and contributions. We look forward to an even more successful albeit challenging 2023.

Wishing you ALL a Merry Christmas and Happy New year.

AFSEC 8th General Assembly Meeting, Accra – Ghana 26-27 July 2022

AFSEC 8th General Assembly Meeting took place in Accra, Ghana on 26-27 July 2022, where Two New Guides (Conformity Assessment Guide and Power Quality Guide), in addition to 72 Standards were adopted. The Council voted for Malawi to join AFSEC as Statutory Member, as well as for the Regional Center for Renewable Energy and Energy Efficiency (RCREEE) & The Egyptian Electric Utility and Consumer Protection Regulatory Agency (EgyptERA) to join AFSEC as Affiliate Members.



Other important resolutions were approved :

- The Retention of the Two Vice Presidents for a second term
- The Retention for the Executive Secretary and the Treasurer for a second term.
- The Election of Two New Technical Committee Chairs ATC13 & ATC82.
- The Election of the Northern Regional Representative



86th IEC General Meeting in San Francisco USA



During the 86th IEC General Meeting in San Francisco that was held from 31 Oct. – 4 Nov. 2022, the IEC signed two new agreements with AFSEC.

The Regional Adoption Agreement calls for the development and harmonization of African regional standards based on existing IEC publications under the auspices of AFSEC with the assistance of IEC.

In the Statement of Cooperation Agreement, IEC and AFSEC have agreed to promote the use of IEC International Standards and IEC Conformity Assessment services in Africa to accelerate the AFSEC standardization process in order to meet the various demand of the market as well as to increase the involvement of African experts and leaders in the various IEC committees

Collaboration with ANSI

The American National Standards Institute (ANSI) held with the participation of AFSEC members and stakeholders, a virtual two-day workshop titled "U.S-Africa Rural Electrification and Smart Metering Standards Workshop" on 18-19 January 2022".

The objective of this workshop is to provide opportunities between experts, and industry aiming enhance standards development between the US and Africa.

This workshop included presentations by experts

on standards-related issues such as safe, stable, and efficient interconnection solutions with best practices from the U.S. and across Africa, as well as renewable energy, smart metering installation, operation best practices, policies for critical communication, cyber security, quality assurance frameworks.



PAQI 21st Joint Committee Meeting and Forum

The 21st PAQI Joint Committee Meeting and Forum took place from 2-4 October in Cairo with support of PTB. The events focused on the collaboration with Regional Economic Communities through COMESA, EAC, ECOWAS, IGAD and SADC, aiming to increase African trade in addition to follow up of the Implementation of Cassava value Chain Project Phase 2 activities, AU-China cooperation, Implementation of Africa Quality Policy action plan, proposed PAQI Work plan, the formalization of PAQI's Institutional affiliation with the African Union Commission.

Based on the Platform of collaboration between AFSEC and ARSO through the signed MoU, a meeting was held on 5th October 2022 BtoB to the PAQI meeting aiming to strengthen the collaboration in standardization and Conformity Assessment by jointly harmonizing standards of overlapping technology and to discuss proposed numbering system for the Standards jointly approved by both entities.



AFSEC member of the Sub Committee for the Implementation of AfCFTA

AFSEC as one of the PAQI pillars is a member of the Subcommittee of implementation of AfCFTA Agreement participated in the Program for Work of Implementation of Annex6 of the Agreement. An implementation plan including AFSEC proposed areas of cooperation and potential activities were shared with PAQI and AfCFTA Secretariats.

Collaboration with APUA and Power Pools

The AFSEC/APUA Joint Standardization Study Committee (AFJSC5) has been approved and Launched by APUA during the 50 years Congress held in Dakar -Senegal (July 2022)The First meeting of the APUA/AFSEC Study Committee SC5 took place in Cairo 4-8 December 2022. SC5 was formed with members from AFSEC and Stakeholders by APUA where SC5 Work. Plan 2022-2025 was approved covering 3 years Road map for developing Standards as well as developing the "Interconnection Guide" and "Smart Metering Standard"



Collaboration with EgyptERA

On 27th November 2022, an MOU was signed between AFSEC and The Egyptian Electric Utility and Consumer Protection Regulatory Agency (EgyptERA):

- a- To promote the development of electro technical Standards
- b- To engage EgyptERA's Experts in AFSEC Standardization Process towards harmonization
- c- To facilitate strengthening the Cooperation with Relevant Regulatory Institutions in Africa : Association of Eastern and Southern Africa, Regional Association of Energy Regulators in Eastern and Southern Africa, African Forum of Facility Regulators (AFUR)... etc.



Liaison Agreement with DLMS User Association

An agreement was signed with DLMS User Association, for collaboration in areas of mutual interest particularly In Smart metering Standardization focusing on open standards for use in African Countries and associated Conformity Assessment Procedures.

Cooperation with IEEE

Two Training Webinars for Young Professionals in Renewable energy, Sustainability and IEEE standards were held in July and September with the participation of some AFSEC Young Professionals

Status of AFSEC Database

The IT Department at the Ministry of Electricity & Renewable Energy have designed and developed the AFSEC web site and are currently designing and developing the relevant Database, which includes AFSEC Recommended Standards for Adoption as well for Electrical Testing Laboratories in Member States being a part of Conformity Assessment Process, to ensure evaluating the Electrical equipment in accordance with the current applicable Standards. In Coordination with National Committees, AFSEC is currently updating the data of the AFSEC Standards adopted by Member States to be fed to the Database. The Database Admin of each National Committee will be responsible for future updates.