



AFSEC

Message from the President of AFSEC M KOUTOUA Claude

This is our 3rd newsletter. It is an opportunity to be in contact with you, to keep you updated. Our wish is to give you all the information on the activities of your organization.



Indeed, the Executive Committee of AFSEC launched many initiatives from member countries to increase the number of active members in accordance with the recommendations of the first General Assembly. We have sent the relevant information to countries that have not established national electrotechnical committees so that they can do so. We remind you that the executive secretariat is at your disposal to assist in this regard.

In addition, we started collecting information to list the officers and technical experts from different countries in the National Electrotechnical Committees (CEN). This database will create a network of experts necessary for the operation of bodies of AFSEC (Technical Committees) and to prepare for the workshop to be held on the in conjunction with the next General Assembly. We hope that those countries that have not responded to our letters and e-mail, will do so quickly. For those who have received the letters, we ask you to send your responses.

We have also contacted regional organizations namely UEMOA and the WAPP, to discuss the role, objectives and mission of the AFSEC in the development of Africa. These meetings should enable the development of cooperation and synergies in common.

Finally, as part of our program of activities, missions will be organized in member and non-members countries to reach out and work to strengthen and boost cooperation between, on the one hand the national electrotechnical committees (NECs) and AFSEC, and on the other hand, national authorities responsible for Electrotechnical Standardization and AFSEC. We solicit your support for the success of this operation.

Cooperation protocols between AFSEC and IEC (International Electrotechnical Commission) and CENELEC (European Electrotechnical Commission) are ready. They are going to be signed in October or November 09.

With regard to the structure of AFSEC, we can tell you that since the establishment of AFSEC in February 08, the Executive Committee began to formalise the legal framework of AFSEC in conformity with the requirements of the African Union. As a result of very rewarding meetings organized in Addis Ababa with the Commissioner for Infrastructure and Energy, we can look forward with optimism.



**AFSEC visits the
offices of the
AU legal
Counsel,
Addis Ababa
17 July 09**

Notably, we expect the release of the first part of funding in early August 2009, the second part at the end of November 2009, and the finalization of the ratification of legal documentation, including the issue of the headquarters of the AFSEC in the first quarter of 2010.

On your behalf, we wish with the utmost respect to thank and congratulate the Commissioner for Infrastructure and Energy Dr. Elham. M.A.Ibrahim and the Executive Director of AFREC, Dr. Elhag and their teams for the work done.

We thank Eskom, South Africa and CIE (Compagnie Ivoirienne d'Electricité) for their help.

This newsletter is yours; we hope you can suggest relevant topics on your activities to publicize your organization, the important work you do for Africa and the problems you encounter so as to allow our information base to be built up.

Progress –but one step at a time!

Starting a new continental organization is not without difficulties, and certainly the inauguration of AFSEC the Constitutive General Assembly in February 08 was a milestone. The next steps will require the mobilization of all energies. In addition to the role each NEC must play, the authorities and constituent members, it is evident that the roles of AFEC and the AU are essential in executing the

initial plan of action of AFSEC. Delays in the internal However, in July 09, the President of AFSEC, the Second Vice President and the Executive Secretary met with the Commissioner for Infrastructure and Energy of the AU in Addis Ababa to consider the road map for the functioning of the bodies of AFSEC. At the end of meetings, after having agreed to expedite the legal process and the designation of the headquarters, AFSEC was officially informed of the financial support of AFREC from the 2009 budget, as detailed in the message from the AFSEC President.

The process of designating the headquarters of AFSEC will only proceed after the finalization of the establishment of AFREC, including subsidiary bodies such as AFSEC. This will be possible only after the Heads of State (Assembly of the AU) meet in January 2010 to approve the declarations and resolutions of the various conferences of African Ministers of Energy on the subject.

Moreover, under the transitional provisions in place for the executive secretary, the decision to extend cooperation with Eskom, South Africa has been proposed to ensure the continuity of the secretarial support until the formal process to establish the headquarters is finalized, which should be before the end of 2010.

Membership

Of the ten positions for members representing five sub-regions on the management committee, the following vacancies remain to be filled by the election:

East Africa: One seat

Central Africa: Two seats

Southern Africa: One seat

The post of treasurer, to be elected by the members also remains vacant.

In close relationships with colleagues from other countries, the founding members are encouraged to take action to encourage other African countries to join us in strengthening AFSEC.

We urge members who have not paid their dues to do so. This funding will assist in achieving the activities and especially to support staff AFSEC required to oversee the work on harmonizing standards in accordance with guidelines laid down at the first general meeting in Accra in February 08.

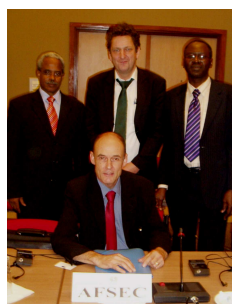
Marketing

Active marketing in many countries has been undertaken by President AFSEC during the first half of 2009. He participated in the meeting of the quality program in West Africa organized by WAEMU (Economic and Monetary

procedures within the AU did not allow speedy progress. Community of West Africa). During the meeting, AFSEC was presented. He was asked participating countries to take initiatives to revitalize or create national electrotechnical committees. On the sidelines of the meeting, the President held working sessions with the Electrical Committee of Burkina Faso and officials of the Commission of UEMOA for the participation of their standards committee.

The Executive Secretary of AFSEC made a presentation to UPDEA technical meeting held in Durban in South Africa in March 09. He was also invited to attend the coordination meeting of regional power pools of Africa organized by WAPP in Benin in April 09. Benin is a founding member of AFSEC.

M Padanou, representing the National Electrotechnical Committee of Benin, greeting Paul Johnson, Executive Secretary of AFSEC



Some of the delegates at the coordinating meeting of African Power Pools, Cotonou, April 09

The importance of active participation of Power Pools as AFSEC affiliates was emphasized. All the secretaries of Power Pools are committed to informing their executive committees on the importance to join AFSEC and actively support the work of technical standardization, noting that harmonization of standards is a prerequisite for cross-border infrastructure development.

Liaison with other organizations

Cooperation agreements between IEC and AFSEC and between CENELEC and AFSEC have been drafted and are ready for signature by the AFSEC President and the representatives of the respective organizations. The agreement with IEC should be signed at the IEC General meeting in Tel Aviv in October 2009.

Second General Assembly 2010

Planning for the Second General Assembly and activities can now begin. The Second General Assembly should take place during the 1st quarter of 2010, in Southern Africa. A revised action plan has been developed and will be communicated to members. It is proposed that this General Assembly will adopt a revised action plan for three years and will be immediately followed by a workshop to establish the first technical committees and to agree on the scope of their work.

Activities of national electrotechnical committees

In preparation for the workshop to establish the first technical committees and to establish the AFSEC network of experts, we ask the various African national electrotechnical committees (NECs), both members and non-members of AFSEC, or if not yet established, then the IEC affiliate country representative, to send to the Executive secretariat as a matter of urgency, the following information:

- The status of establishing a NEC in your country (in this regard you can contact your national electricity company if it has not yet been formed) and whether it is functioning;
- The names of officials of the NEC with addresses, telephone, email and Skype addresses.
- A list of your technical study committees confirming the scope of their activities
- A list of experts in those technical committees with addresses, telephone, email and Skype addresses;
- A letter of application to join AFSEC in the case of non-members.

IEC publications recently published

Some recent IEC publications for the period May to July 2009 that might be of interest are listed here. For a full list visit www.iec.ch and search for “recently issued publications”, or subscribe to the IEC email alert service for “just published” to get an update twice a month.

IEC 60633 (30 July 2009)

Terminology for high-voltage direct current (HVDC) transmission
Short-circuit temperature limits of electric cables with rated voltages above 30 kV ($U_m = 36$ kV)

Contact details:

Address –
AFSEC Secretariat, House 4, Isithupa Office Park,
Eskom Convention Centre, P Bag X13, Halfway House,
Midrand, South Africa 1685

Tel: +27 11 651 6843
Fax: +27 11 651 6827
email: secretariat@afsec-africa.org
Website: www.afsec-africa.org

IEC 61000-3-5 (8 July 2009)

Electromagnetic compatibility (EMC) - Part 3-5: Limits -
Limitation of voltage fluctuations and flicker in low-voltage power supply systems for equipment with rated current greater than 75 A

IEC 60269-1 (8 July 2009)

Low-voltage fuses - Part 1: General requirements

IEC 60300-3-15 (30 June 2009)

Dependability management - Part 3-15: Application guide -
Engineering of system dependability

IEC 61243-1 (25 June 2009)

Live working - Voltage detectors - Part 1: Capacitive type to be used for voltages exceeding 1 kV a.c.

IEC 62223 (10 June 2009)

Insulators - Glossary of terms and definitions

IEC 60947-2 (27 May 2009)

Low-voltage switchgear and controlgear - Part 2: Circuit-breakers

IEC 60099-4 (27 May 2009)

Surge arresters - Part 4: Metal-oxide surge arresters without gaps for a.c. systems

IEC 60076-14 (13 May 2009)

Power transformers - Part 14: Design and application of liquid-immersed power transformers using high-temperature insulation materials

IEC 62446 (13 May 2009)

Grid connected photovoltaic systems - Minimum requirements for system documentation, commissioning tests and inspection

Contributions to the next newsletter

Members and other partners are encouraged to send any news about activities, events and information of interest to AFSEC members and potential members of AFSEC to the secretariat, for publication in the next newsletter.