



# AFSEC

# The AFSEC Newsletter

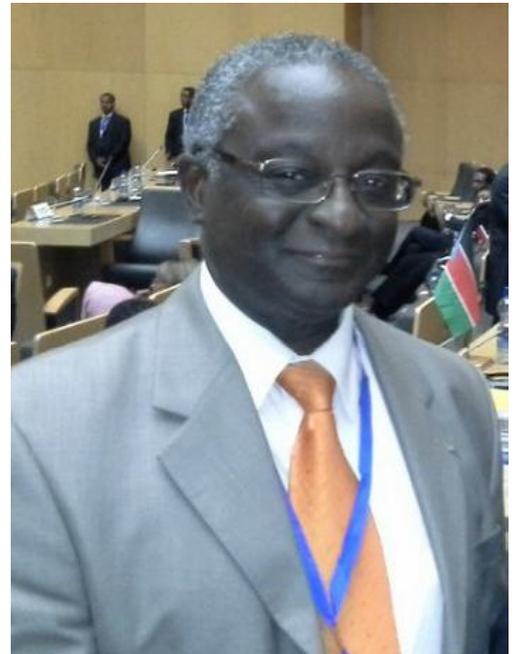
• December 2014 •

## Message from the AFSEC President

Dear Members, on the eve of the new year, we express our appreciation for the work done by all the members. When we take a look back at 2014, much progress has been made despite many challenges. Indeed, our organizational structure is now fully in place with the reappointment at the Executive Committee and the Executive Committee, at the 4th General Assembly in the DRC in September 2014.

We wish to extend our congratulations to:

- Rojas Manyame (Namibia), recently appointed First Vice President.
- Ms Evah Oduor (Kenya) for re-election as Second Vice President, and her work on conformity assessment. His intervention in Luanda at the General Assembly of the APUA has been remarkable.
- Thembani Bukula (South Africa) for his appointment as Third Vice-President with special function to steer the negotiations with the South African authorities to operationalize the headquarters of AFSEC.



At the level of the Management Committee, the appointments allow for a nearly complete structure. It remains to appoint a representative for West Africa in 2015.

I thank the members of AFSEC for the confidence they have shown in me during my re-election as President of AFSEC over the period 2015-2018.

At the level of our technical committees, they continued to operate normally with the adoption of the second group of standards by the General Assembly. I express my congratulations for the work.

Furthermore, we noted the establishment of the Conformity Assessment Committee and Technical Committee 82 with the appointment of leaders. Dear members, we urge you to offer your national experts as members.

In the operation of the technical committees, we hope that the work is growing. We must seek to mobilize much of experts from your electrical national committees. Also in 2015, the committees TC 8 and TC 77 should be revitalized. I count on the new senior vice president to successfully lead this operation in collaboration with the Executive Secretary. I also count on the dynamism of the chairmen and secretaries.

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In May 2014, the National Committee of Côte d'Ivoire with the strong cooperation of the Ivorian Electricity Company Committee (CIE) and other stakeholders helped us to organize the first Smart Grid Forum Africa in Abidjan from 14 to 16 May 2014. This event, the largest (number of participants, number of countries) organized through AFSEC, was a success. This major event was presented in our previous newsletter.

We inform you that the next forum will take place in 2016.

I thank the Secretary General of the IEC on his first visit to Africa (South Africa, Côte d'Ivoire, Kenya) and the launch of the regional office of the IEC in Nairobi reflecting the importance of Africa at the level of electrotechnical standardization.

Thanks to CENELEC for designating Bernhard Thies and Uwe KAMPET to participate in activities of AFSEC (GA and Forum) on the African continent. The meeting we had in Tokyo November 12, 2014 to take stock of our relations opens up opportunities that are in line with the growth of our activities.

We launched our website revised in 2014, with the help of the staff of the Central Office of the IEC and staff of the Association Management Company, van der Walt & Co. We ask you to visit it and to submit articles.

Thank you to van der Walt & Co. for providing the secretarial services, financial administration, translation services, the development of our newsletters and logistical support for the AFSEC website.

I thank and congratulate our Executive Secretary Paul Johnson for his work and achievements in 2014.

I congratulate the Treasurer Khaled Eldistawy for his work and his first report in 2014.

I thank the African Union and AFREC for their active participation in the activities of AFSEC, I hope that the commitments of 3 to 4 March 2014 can be implemented for the wellbeing of AFSEC.

You will find other useful information about past and future events in this newsletter. Know that this publication is yours. We ask you to submit articles presenting the work done every day by your national electrotechnical committees.

You will see that 2015 promises to be another important year and very eventful for AFSEC. We can note,

- the meeting of the Management Committee in Ghana,
- the meetings of the Technical Committees, and
- the International Symposium with Cigré.

I count on your effective participation in all events. I also hope that other countries will join us.

Finally, I wish all of you, members of AFSEC, associated organizations, stakeholders and colleagues, my best wishes for end of year celebrations filled with joy, peace, and precious moments with your family and friends

Happy New Year 2015.

**Claude KOUTOUA Claude**  
**AFSEC President**

## The second AFSEC/IECEX seminar – Lubumbashi, D R Congo



AFSEC and IECEX (IEC System for Certification to Standards relating to Equipment for Use in Explosive Atmospheres) organized an international seminar in Lubumbashi, DRC (Democratic Republic of the Congo), on 7-8 September 2014. The OCC (Office Congolais de Contrôle) collaborated to the organization of the event, in partnership with the Katanga mining authorities and Moïse Katumbi Chapwe, the governor of the Katanga Province

The first day of the seminar was devoted to the implementation of IEC International Standards followed by a site inspection with practical exercises, report and explanation of findings the second day. It was a unique opportunity for experts, senior staff and professionals from the mining and electrical sectors in African countries to learn about IECEX and the benefits of using the System.



AFSEC appreciates the IEC's on-going collaboration and support in the organization of this event, in particular for making it possible for the international experts to be available as lecturers and facilitators during the seminars. AFSEC also expresses its appreciation to the international experts **Mr Michel Brénon** and **Mr Paul Meanwell** who gave their time, and shared their experience and expertise with the delegates.

**Photo: Delegates at the IECEX seminar preparing for a site inspection at the Ruashi mine.**

## AFSEC Fourth General Assembly

AFSEC held its Fourth General assembly in Kinshasa, D R Congo 11-13 September 2014, hosted by the National Committee of the DRC. Several important milestones were reached in the development of AFSEC:

- the second group of IEC standards were approved, being recommended for common adoption by AFSEC members, [see last page of this newsletter for a complete list of the recommended standards],
- the completion of the organizational structure of AFSEC through the approval of membership of the conformity assessment committee,
- the decision to establish a new AFSEC technical committee to mirror the work of IEC TC 31.



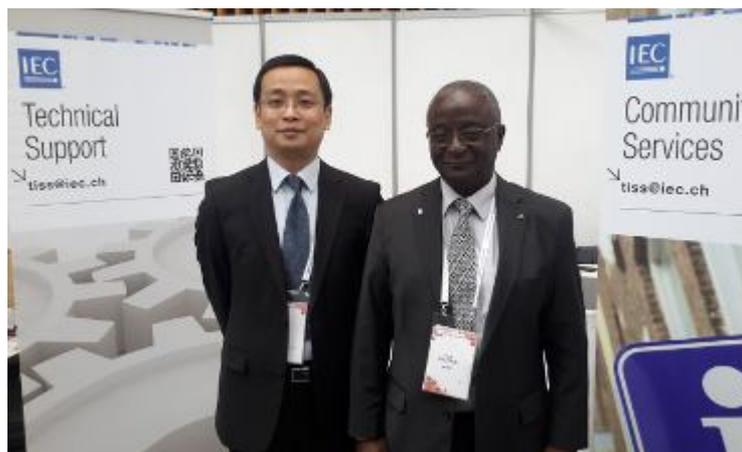
**Opening of the fourth AFSEC general assembly**

Left to right: Ms Francoise RAUSER, IEC; Albert KASONGO MUKONZA, OCC; KOUTOUA Claude, AFSEC President; Eric MUSANDA, SNEL, NEC President; Bernard BARANDEREKA, AUC

## Other AFSEC activities during the course of 2014

AFSEC participated in a number of events in 2014, including:

- the annual SADCSTAN meeting, Gaborone, Botswana- March 2014
- the CENELEC General Assembly, - June 2014
- the APUA General Assembly, Luanda, Angola, September 2014
- the PAQI steering committee meeting, Addis Ababa, Ethiopia, September 2014
- the ACP-EU TBT project progress meeting, Brussels, Belgium, October 2014
- the IEC General meeting, Tokyo, Japan November 2014



AFSEC President with secretary of the Chinese National committee, Chenguang Guo during the IEC GM, Tokyo

During this meeting progress was made towards finalizing a MoU between AFSEC and the National Committee of China. There was also interest in membership of AFSEC shown by several African delegations, in particular Burkina Faso.

## Some events scheduled for 2015

### Week of 20 July 2015

AFSEC Management Committee meeting – Accra, Ghana

Events being planned to be associated with this meeting:

The second Conformity Assessment Committee meeting;

The inaugural meeting of AFSEC TC 31;

A conformity assessment workshop in association with IEC.

The workshop will be open to all African countries in the IEC affiliate country programme as well as all AFSEC members.

### 1-6 November 2015

A meeting of AFSEC TC 82 co-located with a meeting of IEC TC 82, being hosted by the South African National committee.

**Call for Papers**

**DEVELOPMENT OF ELECTRICITY INFRASTRUCTURES  
IN SUB-SAHARAN AFRICA**

**International Symposium**

**Cape Town –South Africa – October 26-30 2015**

Organized by CIGRÉ National Committee of South Africa in cooperation with  
CIGRÉ Technical committee as well as  
IEC Technical Committees 8/SC8A, 82 115, 120, and 122  
And AFSEC Technical Committees 8, 82

AFSEC members are also encouraged to send delegates to the Cigre-IEC International Symposium to be held in Cape Town, South Africa from 26-30 October 2015.

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## IEC standards approved for common adoption by AFSEC members

Standards approved for common adoption, as submitted by AFSEC TCs via the management committee during the fourth general assembly:

**IEC 62052-31** Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 31: Safety requirements [waiting publication by IEC]

**IEC 62059-32-1** Electricity metering equipment - Dependability - Part 32-1: Durability - Testing of the stability of metrological characteristics by applying elevated temperature (EN-FR)

**IEC 62056-1-0** Electricity metering data exchange - The DLMS/COSEM suite  
Part 1-0: Smart metering standardisation framework (EN-FR)

**IEC 62056-4-7** IEC 62056-4-7/Ed.2: Electricity metering data exchange - The DLMS/COSEM suite - part 4-7: DLMS/COSEM transport layer for IP networks (EN)

**IEC 62056-5-3 \***  
Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer (EN-FR)

**IEC 62056-6-1 Object ID system**  
Electricity metering data exchange - The DLMS/COSEM suite - Part 6-1: Object Identification System (OBIS) (EN-FR)

**IEC 62056-6-2 Interface classes**  
Electricity metering data exchange - The DLMS/COSEM suite - Part 6-2: COSEM interface classes (EN-FR)

**IEC 62055-41 STS application layer\***  
Electricity metering - Payment systems - Part 41: Standard transfer specification (STS) - Application layer protocol for one-way token carrier systems (EN)

**EN 50065-1** Signalling requirements [CENELEC publication]

**IEC 60870 series:** Telecontrol equipment and systems (41 publications) (some EN-FR, some EN only)

**IEC 61334 series:** Distribution automation using distribution line carrier systems (22 publications) (some EN-FR, some EN only)

**IEC 61969 series:** Mechanical structures for electronic equipment - Outdoor enclosures (5 publications) (EN-FR)

**IEC 62351 series:** Power systems management and associated information exchange - Data and communications security (14 Publications) (some EN-FR, some EN only)

**IEC 60364 series** Low-voltage electrical installations - (balance of 30 of 47 parts)

[\* indicates new editions of standards already recommended for adoption by AFSEC]

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As the AFSEC newsletter carries the objective of keeping its readers up-to-date with the latest happenings and developments in the Industry we welcome and encourage you to send us information that can be considered for inclusion in the next edition.

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