

## Mr Philippe ANDRÉ, founder of Fisuel in 2002 and President from 2002 to 2005 ends his FISUEL activities at the end of 2016

It was at the Fisuel Board of Directors on Monday, November 7, 2016, in Puteaux, France, near Paris, that Mr. Philippe André announced his wish to withdraw from his activities representing Consuel within FISUEL.



It was the opportunity for the President, Mr Akio Nakamura, to thank Mr Philippe André for the creation of Fisuel in 2002 and for his enormous investment for so many years to promote the Federation as a reference for electrical safety in the world.

On this occasion, Philippe André was appointed Honorary President of Fisuel.

The new representative of Consuel, as director, for the rest of the mandate of Mr Philippe

André, is Mr Jacques Wetzel with Mr Michel Faure as deputy, respectively President and Chief Executive Officer of Consuel.

All members of the Board of Directors as well as the Fisuel members also send through this newsletter their thanks and, as stated by the former President José Tomaz Gomes, the pleasure of working with Mr. Philippe André to promote all ideas which contribute to the safety of users of electricity.



## FISUEL website and SAFETYBAROMETER



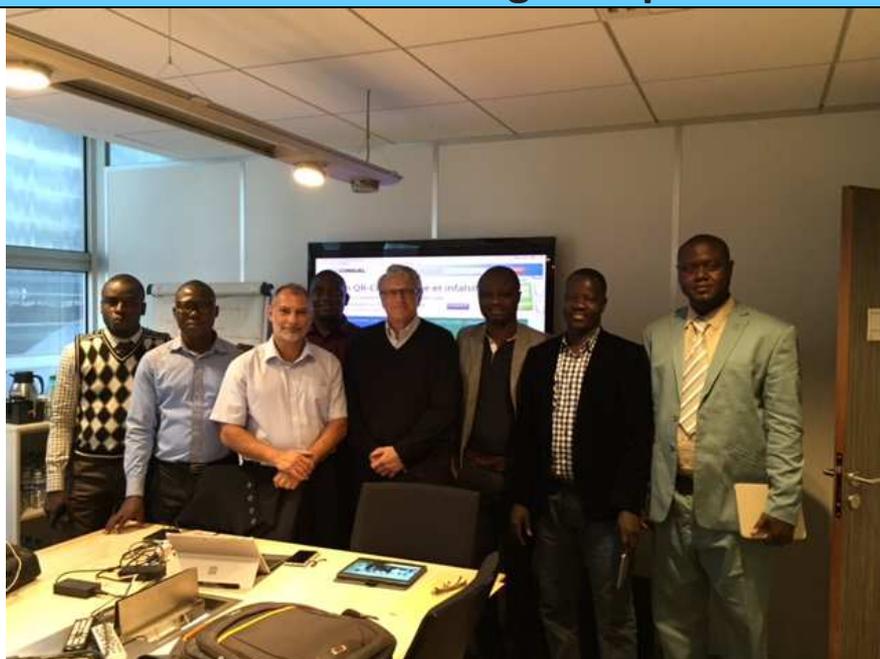
**The Safetybarometer website has been connected directly via the Fisuel website since October 2016.**

Residential electrical installations can be made entirely safe, thereby reducing the risk of electrically induced fires and electrocution to an absolute minimum. Ensuring this level of safety requires best practices in design, installation and inspection. However, the majority of countries around the world are missing the right mix of standards, regulation and education to make this happen. The Electrical Safety Barometer measures the gap between reality and best practices and provides guidance to policy makers on how they can improve the

situation in their country. It is an initiative of the Copper Alliance, which has more than twenty years of experience with advocacy of residential electrical safety. The project is supported and endorsed by FISUEL, the World Association for Electrical Safety.

The barometer uses 13 criteria that are essential in achieving residential electrical safety. To each criterion is given a weighting factor that can then be used to calculate an overall score. These criteria represent a chain of practices on a variety of different levels and range from product standards and manufacturer engagement, through inspection practices and the qualification of installers, to an adequate regulatory framework. The final barometer score demonstrates how much a country's situation is removed from best practices. It also functions as a benchmark for comparing the situation with other countries. With the assistance of local experts, we are applying the barometer in an increasing number of countries. The results are published on this website and are publicly available. <http://www.safetybarometer.org/>

## Training by Consuel of some members of the Africa Working Group in France



### Proquelec Communication, Sénégal :

Under the auspices of FISUEL (International Federation for the Safety of Users of Electricity) and in liaison with CONSUEL (National Committee for the Safety of Electricity Users), PROQUELEC (Senegal), CONTRELEC (Benin), TECHNOZ (Cameroon) and SENELEC (Senegal) were trained as inspectors in France with two major phases:

#### **From 19 to 23 September 2016: Theoretical training at CONSUEL.**

The opening speech was given by the Director General of CONSUEL to welcome all the participants, consisting of 3 agents from PROQUELEC, 2 Agents from CONTRELEC, 1 agent from TECHNOZ and 1 agent from SENELEC.

This training as an inspector trainer included:

- ✚ The basic technical rules of NFC15-100 relating to the conformity of Low Voltage electrical installations
- ✚ Safety rules for electrical installations in dwellings
- ✚ Inspection reports for new or fully renovated electrical installations in accordance with the requirements of NFC 15-100.

Before the end of the training a hot evaluation was carried out and all the participants were able to have the average required to validate this part of the training.

At the end of the training a certificate of participation was given to each participant with a closing session by the Director General of CONSUEL.

#### **From 26 to 30 of September, 2016: Practical training on different sites of CONSUEL :**

A team composed of 2 participants from PROQUELEC, 1 participant from TECHNOZ and 1 participant from CONTRELEC was taken to Marseille and another team composed of 1 agent from PROQUELEC, 1 agent from SENELEC and 1 agent from CONTRELEC was taken to Nantes.

Each participant was assigned a CONSUEL inspector to make the daily inspection visit of the clients scheduled in this week.

This phase allowed to apply all that was learned during the theoretical phase and a better familiarity with the control equipment.

This training as an inspector trainer was a great success both in terms of organization and the content and relevance of the topics covered.

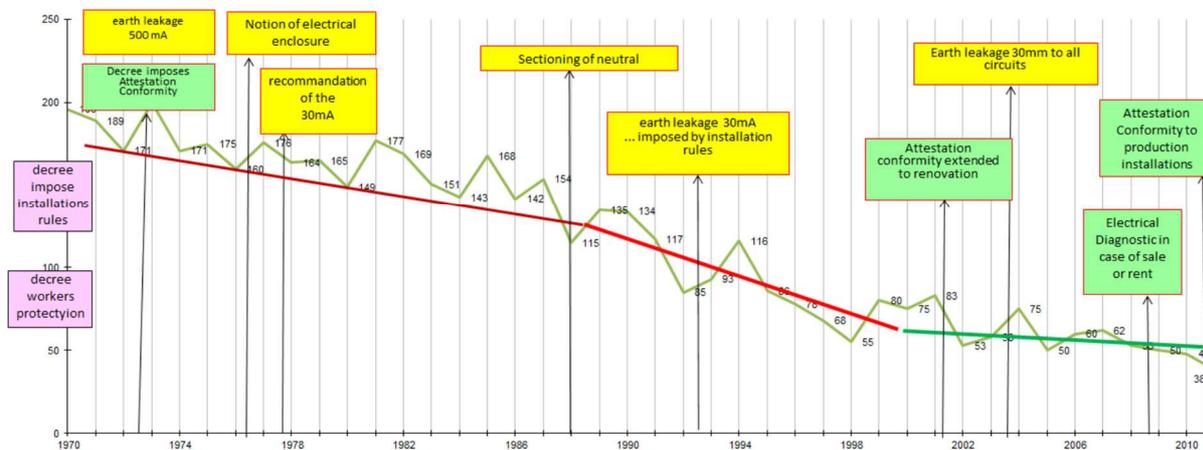
The organization of a second phase in Dakar and in Ivory Coast is considered to better consolidate the achievements of the inspectors trained during the first phase organized in France. This will also enable LBTP-SECUREL (Ivory Coast) inspectors to benefit from the same training.



# ONSE (Observatoire National de la Sécurité Electrique) in FRANCE

Number of electrocutions per year / regulation

Source: ONSE



## ONSE-Promotelec Communication France:

Decrease in claims over 40 years in relation to regulation.

The National Observatory of Electrical Safety has just celebrated its 20th anniversary. Its annual meeting, held on December 1, 2015, provided an important demonstration: the direct correlation between regulation and decrease of claims.

2015, the year of its 20th anniversary, marks a turning point in the history of the National Observatory of Electrical Safety: with all the statistics gathered from its members, the ONSE can now demonstrate the real impact of Regulations on the reduction of the number of claims. This demonstration was presented on December 1<sup>st</sup>, 2015 at the annual meeting of the ONSE in Paris: the number of electrocutions was divided by five between 1970 and 2011, going from 200 victims to 40. The beginning of the curve shift coincides with the 1962 Labor Protection Decrees and the 1969 NF C 15-100 Standard for new dwellings. The regular decrease in the number of electricity-related deaths continues with the introduction of the certificate of conformity in 1972, then the notion of electrical panel in 1977 and the obligation of the 30mA differential device in 1991. In comparison with the evolution of the French population, the number of electrocutions dropped from 3.8 victims per year in 1970 to 0.6 in 2011, more than six times less.

## **Safety of installations: a common work**

Consumer associations as well as Gresel<sup>1</sup>, of which Promotelec is also a member, have carried out the diagnosis of the condition of the electrical installation for sale and rental. They are currently supporting the creation of a mandatory diagnosis in the common areas to verify the condition of the electrical installation as well as the presence and proper functioning of the earthing system. It also underlines the importance of "building communication campaigns at all levels, especially among consumers, ... in order to educate them to help them improve their own safety by making them aware of the risks and inculcating gestures and behaviors to suppress them. "

The decree introducing the electrical diagnosis for the rental (state of the interior installation of electricity), mandatory for each change of tenant, of a dwelling with an electrical installation of more than 15 years, was issued in July 2016. It is applicable on 1 July 2017 or 2018 following the date of the building permit prior to or after 1<sup>st</sup> January 1975. It will make the electrical installations in the dwellings even more secure.

<sup>1</sup> Gresel : Reflection Group on Electrical Safety in Housing

## The National Electrical Safety Observatory

Established in 1995 and co-chaired by Promotelec Association and Consuel, the aims of ONSE are to collect statistics on fires and accidents of electrical source in dwellings and the small tertiary sector. These data are compiled in a database that refers to, because of the neutrality of the ONSE. These elements make it possible to educate and sensitize the general public and to provide the public authorities with the quantitative information necessary to put in place regulations to improve the electrical safety of installations and to protect people and property and to inform all stakeholders on the state of electrical safety in France. A "statistical" working group was created for this purpose in 2013, bringing together more than 65 people from different backgrounds: DHUP<sup>2</sup>, fire brigade, insurers, SPF<sup>3</sup>, experts, laboratories, consumers, installers, electrical equipment manufacturers, ENEDIS, IGNES<sup>4</sup>, Consuel, Promotelec, etc. The collaboration of these different players brought together more than 140 studies and expertises to consolidate the statistics.



## General Annual Meeting 2017 of FISUEL, in Indonesia hosted by Konsuil and Alperklinas

<b>Date of the GAM</b>	 	The 2017 General Annual Meeting (GAM) will take place in Indonesia hosted by Konsuil and Alperklinas from May 8 <sup>th</sup> to 12 <sup>th</sup> , 2017. The event will include the meetings of the 3 working groups (Europe, Africa and Asia/Pacific), the Board, the General Assembly, the symposium and a visit.  <b>Save the dates</b>
<b>Dates for the events</b>	Board meeting : 3 Working Groups meetings: General Assembly : Symposium : Technical visit :	1st day      Monday 8 <sup>th</sup> of May 2nd day      Tuesday 9 <sup>th</sup> of May AM 2nd day      Tuesday 9 <sup>th</sup> of May PM 3rd, 4th days      Wednesday 10 <sup>th</sup> & Thursday 11 <sup>th</sup> of May 5 <sup>th</sup> day      Friday 12 <sup>th</sup> of May
<b>Fisuel Key subjects</b>	<ul style="list-style-type: none"><li>- Access to electricity for all in complete safety: Residential, Tertiary, ...</li><li>- Worldwide statistics (fires and accidents with electricity source)</li><li>- Fight against deceit products (counterfeiting and dangerous products)</li><li>- Communication and testimonies: (safety, installors qualification, ...)</li><li>- Slum electrification in all safety</li></ul>	
<b>Sponsors &amp; speakers</b>	Any contributions as sponsors or speakers whose subject matter would be consistent with the above paragraph should be sent to Mulianto Gultom ( <a href="mailto:muliantogultom@yahoo.co.id">muliantogultom@yahoo.co.id</a> ) and to Patrick Aubelis ( <a href="mailto:patrick.aubelis@fisuel.org">patrick.aubelis@fisuel.org</a> )	
<b>Reservation</b>	All documents required for registration and reservations are in progress.	



The Newsletter is available on the website: [www.Fisuel.org](http://www.Fisuel.org).

*In the name of our Federation, we would like to present you our best wishes for the New Year 2017.  
Which bring to all of you and to your families, full of enjoyment and happiness.*

<sup>2</sup> DHUP : Direction of Housing, Urban Planning and Landscapes

<sup>3</sup> SPF : Public Health France

<sup>4</sup> IGNES : Digital, Energy and Safety Engineering Industries