


**ندوة خبراء
السلامة الكهربائية**
Electrical Safety Experts Symposium


FISUEL organization and structure; how to apply for membership? Benefits for members.

Romualdo Arias, President of FISUEL


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INTERNATIONAL FEDERATION FOR THE SAFETY OF ELECTRICITY USERS



SOME FIGURES



- 8 = years old
- 4 = on four continents
- 20 = represented countries
- 30 = members
- 2 = big open meetings per year
- 3 = third President



INTERNATIONAL REPRESENTATION

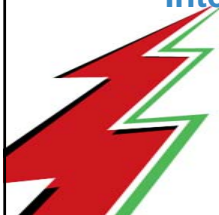


- **30 members**

AECOPS, AIB Vinçotte, APSE, ARSEL, CERTIEL, CONSUEL, CONTRELEC, DOMERGIE, ESC, EC, EMA, **ECI**, EDF, ELECTROSUISSE, FENELEC, FENIE, FESIA, FFIE, KESCO, LBTP Sécurel, KONSUIL, NICEIC, ODI, PROMOTELEC, PROQUELEC, QUALIFELEC, RECI, SEP, **UIE**, UTE.

- **Representing 20 countries,
2 associations: 1 European (ECI), and 1
International (UIE)**

ARGENTINA, BELGIUM, BENÍN, CAMEROON, ENGLAND, FRANCE, INDONESIA, IRELAND, COTE D'IVOIRE, JAPAN, KOREA, LEBANON, MALAYSIA, MOROCCO, POLAND, PORTUGAL, SENEGAL, SINGAPORE, SPAIN, SWITZERLAND.



INTRODUCTION



- Setting up on 1st February 2002 in Beirut, result of an open CONSUEL symposium in December 2000 held in Paris (60 participants, 18 countries)
- Of which shared by all participants, the conclusions were :
 - because for all of us electrical safety is a shared preoccupation, one which one must exchange with others in order to avoid risks and progress
 - this meeting must not be a “one shot only event”
- ✓ The idea of FISUEL was born.
- ✓ That was the initial seed. The first stone was laid....

INTRODUCTION



- The foundation of FISUEL was fully justified, ...make number of countries aware of the necessity to set up inspection systems.

There is no coherence between the verification

- systems already running.

In all countries, old dwellings become more and more dangerous with years.

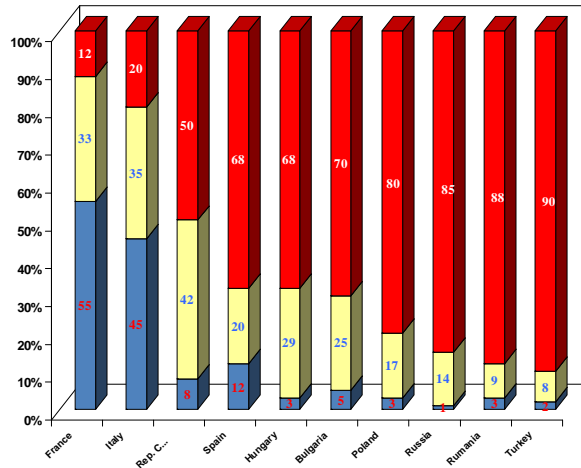
Europe's housing stock is dangerous and ageing

70 millions dwellings do not comply with safety

Standards



■ dangerous
■ risky
■ safe



DIFFERENCES BETWEEN THE COUNTRIES



New installations : several visions of a written attestation of compliance before connection with the network by energy supplier

- Either not any requirement
- Or, when mandatory by Law or Regulation:
 - self certification without any condition, or self certification only when contractor is registered, recognised as competent person
 - verification by a third party.

DIFFERENCES BETWEEN THE COUNTRIES



Existing installations: several visions as well

- Either not any requirement
- Or if mandatory by Law or Regulation :
 - periodically (at least every 10 years, for instance),
 - and/or regularly (in case of change of ownership, and/or of tenancy, and/or of complete renovation)



OBJECTIVES



- To promote the essential compliance of electrical installations with those Standards
- To promote safety of uses of electricity by :
 - ✓ welcoming and helping countries or bodies wishing to develop electrical installation safety levels to set up inspection or verification systems;
 - ✓ helping countries which already have an inspection system to improve it,



OBJECTIVES



- By also :

- ✓ trying to harmonize, or at least to bring closer, inspection procedures, methods, and to optimise existing systems,

- ✓ progressing the implementation of compulsory technical periodic, systematic, regular inspections of installations and to fight dangerous/non compliant with Standards products.

FISUEL's ORGANISATION



- **The General Assembly**

ACTIVE MEMBERS

An active member applies to any legal entity in charge of an operational mission related with safety of electricity users

ASSOCIATE MEMBERS

An associate member applies to any body, entity, association concerned by safety of electricity users and wishing to support its development

- **The Board of Directors**

1 President elected for 3 years, 1 outgoing President,
2 Vice- presidents, 3 to 5 Administrators, from the active members
1 Vice-president, from the associate members

FISUEL's ORGANISATION




- Working groups

EUROPE

AFRICA

ASIA

SOUTH AMERICA (in a near future)



Working on the same issues, or on different ones, but coordinated and gathered in one annual plenary meeting, the Technical Committee.

FISUEL's MAIN ACHIEVEMENTS



- Organising 15 open symposiums: Paris, Lisbon, Dublin, Dakar, Paris, Casablanca, Brussels, Luxembourg, Madrid, London, Buenos-Aires, Istanbul, Yaounde, Seoul, Athens,...
- Visits and presentations: RECI, CERTIEL, CONSUEL, AIB VINCOTTE, ESC/NICEIC, TOKYO ESIA TRAINING CENTER
- Definition of the "5 minimum essential requirements for electrical safety"
 - Publication of two « FISUEL's Manuals »:
 - for new installations,
 - for existing installations.



FISUEL's ACHIEVEMENTS



- Worked in FEEDS with AIE, UIE, EUROPACABLE and ECI, with a view to obtain from the European Commission a *European action for compulsory regular or periodic verifications in dwellings*, further to a future study/survey on the situation in Europe.
- Liaison A with IEC , and Technical Liaison partnership with CENELEC
- Started on an inventory of the various, « *organisation of the verification of electrical installations (energy distribution and generation) in dwellings* », in the countries,

FISUEL's ACHIEVEMENTS



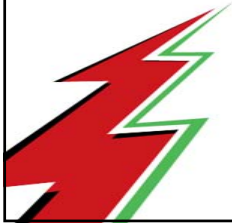
- Collected statistics of the accidents of electrical origin (numbers, causes, reasons).
- Started comparisons between the grids - of the points that are inspected (in generating energy installations) – in force in the different countries.
Benchmarking.
- *Arguments* in favour of inspections and verifications of new and existing installations.

FISUEL's ACHIEVEMENTS



- Developed for the members the collection of information from numerous countries and the main documents and inquiries that have been published since 2002

- *It is our "Memory", our Archives, it will be updated each year. Any new member joining FISUEL will thus be aware of our whole past.*



FUTURE ACTIONS



- Developing its membership ;
- Fighting dangerous, counterfeit, non compliant with Standards/specifications products ;
- Maintaining the collection of information and statistics, in order to be "**the** International Electrical Safety Data Collection Centre".



FUTURE ACTIONS



- Studying the different systems of inspection of *micro generation* installations in use in the countries
- Develop the **new argumentation** that : a safe electrical installation in the home is a pre-requisite for sustainable development, innovative energy management (new services, electric vehicles, renewables, smart ageing, home automation systems...)

FUTURE ACTIONS



- Boosting the local/regional working groups
- Training, raising awareness (innovation, virtual training, on line training, NICEIC)

FUTURE ACTIONS



- 2011 AGM, 19/20 May, Madrid
- 2011 International Forum of Electrical Safety (date and location still to be fixed)

CONCLUSION:

FISUEL...is

- a new organisation: only 8 years old,
- a unique organisation,
- a world-wide organisation,
- **FISUEL** works by listening, watching and by being a « go-between », as in a « club »





- **Because:**
 - FISUEL means sharing,
 - FISUEL means

LET'S COMMUNICATE MORE WORLDWIDE FOR
GRATER ELECTRICAL SAFETY
- FISUEL allows improvement and extending relationships with other similar organisations, benchmarking, and partnerships.




Conclusion :

Welcome to MoEW

**1 year in FISUEL
means 3 years of
progress**







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THANK YOU

Romualdo Arias, President of FISUEL

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