

General Annual Meeting in Morocco 9th to 13th of May, 2016 – Marrakech

In 2016, from 9 to 13th of May, the new formula GAM (General Annual Meeting) was held in Marrakech, Morocco invited by Fenelec. It started with the Board meeting on May 9th, the 3 Working Groups (Africa, Asia/Pacific and Europe) organized their meeting on May 10th am, the General Assembly was on May 10th pm and the symposium was on May 11 and 12th.

This Fisuel event took place in the Kenzi Farah hotel in Marrakech. The theme was *“Device control and Market Surveillance for electrical safety in Morocco”*.

During the General Assembly, it was the case to approve the 2015 activities and financial reports, the 2016 budget and business plan which is oriented electrical safety with 3 new topics, installers qualification, statistics and fight against deceit products.



MOU signed in Morocco 11th of May, 2016 – Marrakech



A Memorandum of Understanding (MOU) has been signed during the GAM of Fisuel in Marrakech, between Kesco from Republic of South Korea, LBTP from Cote d'Ivoire, Proquelec from Senegal, Contrelec from Benin and Technology Zentrum from Cameroon. All authorities are members of Fisuel to promote the Electrical Safety through trainings and shared best practices.



Symposium in Morocco

11th to 12th of May, 2016 – Marrakech

About 70 people attended the first day and 50 the second day of the symposium.

The theme that interests nowadays all countries was: "Device control and Market Surveillance for electrical safety in Morocco". 28 speakers all exposed subjects directly related to this theme.

Session 1 addressed statistics gathered electrical statistics in Indonesia, Japan, UK, Republic of South Korea and France.

Session 2 pointed out counterfeiting and market surveillance, with the technical regulations and market surveillance in Morocco, counterfeiting situation in Japan and UK, the launch of MSSI (Market Surveillance and Support Initiative) in Europe.

Session 3 concerned the electrical safety at home. We discovered the various projects for access to electricity in Africa, electrical safety in the markets in Senegal, qualification of installers in France, certification in Indonesia, the place of regulations in the control of electrical installations Morocco, the role of LPEE laboratory in the control of non-conforming products in Morocco, the situation of domestic electrical installations in Cameroon, the control system of new and existing installations and new directives in Morocco and finally a presentation of the new IEC office situated in Africa in Nairobi, Kenya.

Session 4 offered the testimony on the ceremony of Republic of South Korea, that allows to assess the level of prevention against electrical American program on electrical development of renewable in safety aspect of people.

Then it was the opportunity for Asia / Pacific and Europe to 2016 orientations.

The conclusion is given to the representative of the Board of Fenelec, Mr. Abounacer Taoufiq, and the President of Fisuel Mr Akio Nakamura, who thanked all the speakers, interpreters and technicians who worked for the 2 days take place at best, all confirmed that the theme " Device control and Market Surveillance for electrical safety in Morocco " was a hot, worldwide topic, and that really demands to join forces, transmit our best practices to ensure the safety of users of electricity in the world.



opportunity to provide electrical safety awards in the www.safetybarometer.org site electrical safety in his country, hazards in Senegal, the Latin safety in the home and the New Caledonia seen by the

three working groups, Africa, present their 2015 works and

Thanks to our sponsors

Thank you for your contribution which ensured the success of this event. We wish to express to you our gratitude and our sincere thanks.

ECI founded in 1996, in the UK, and based in Brussels since 1998, the European Copper Institute is a joint venture between the International Copper Association Ltd. (ICA), headquartered in New York, representing the majority of the world's leading mining companies, custom smelters and semi-fabricators, and the European copper industry. ECI is also part of the Copper Alliance, an international network of industry associations. Its shared mission is to work, with its members, to defend and grow markets for copper based on its superior technical performance and contributions to a higher quality of life.

In Europe, ECI works with a network of nine national associations, some of which have over 80 years' experience in promoting and defending copper. The value of their services, to their members and to the market, is built on the skills, expertise and cultural diversity of their people.

Through their offices in Belgium, Finland, France, Germany, Greece, Hungary, Italy, Poland, Spain and the United Kingdom, they employ a mix of about 45 professionals, from many different disciplines: metallurgists, scientists, engineers, marketers, doctors, physicians, chemists, plumbers, life-cycle practitioners, economists, energy experts, microbiologists, architects, immunologists, nuclear physicists, journalists and analysts.



The Centre d'Essais et d'Etudes Electriques (CEEE) – LPEE

Morocco needs a body with human and material resources to accompany him in terms of :



- Testing and experimenting on different products used in large projects, either state, or offices or private projects.
- Technical assistance, advice or arbitration based on the expertise and testing in problem situations, sensitive or important issue.

To this end, the LPEE developed through the decades, various specialties related to the construction, infrastructure, water, materials, mechanical, and environmental pollution, metrology and industry.

The CEEE was then created in the same dynamic by LPEE since 1987 to provide a platform to meet national needs in the field of electrical installations and products by:

- The establishment of testing laboratories on electrical products for compliance with contractual specifications and specific standards.
 - The support of local manufacturers to upgrade their electrical products (quality control, accreditation, certification, etc ...) and promoting quality and being up to compete with the imported product and to be recognized abroad.
 - The contribution to the protection of the local market by controlling imports.
 - The contribution as a member of the commission of the Moroccan standardization of electrical products and systems.
 - The development of human and material resources to support state and private organizations:
 - o in monitoring the performance of electrical installations in situ and acceptance tests.
 - o in the regulatory control of electrical installations in operation.
 - o in expertise in the electrical field in general to provide advice and assistance to face problems.
- Product safety and electrical installations towards users and the CEEE is of central concern that through its actions does not stop sensitize stakeholders on the risks of using non-compliant products and non-compliance with prescriptive requirements for the realization of electrical installations.



2nd National Workshop on Electrical Safety in India 12th April, 2016 – New Delhi

President Nakamura visited New Delhi, India to attend National Workshop on Electrical Safety held on 12th April, 2016. The workshop was organized by (CEA) Central Electricity Authority, Government of India and International Copper



Association India. In inaugural session, President Nakamura introduces FISUEL and expressed his hope that an Indian organization joins FISUEL. The themes of technical sessions were electrical safety standards and regulations, best practice and case study, earthing, lightning protection and ark flash and new technology and application. In a technical session, Mr. Takashi Honda, FESIA made a presentation titled “Statistics of Electrical Accidents and Japanese Inspection System” as a FISUEL member.

President Nakamura also had some meetings with Mr. Singh, Chairperson, CEA, Mr. V. R. Sastry, Joint Secretary, Department of Consumer Affairs, Mr. M. Joshi, Special Director General, Central Public Works Department, Mr. Shami D. K., Fire Adviser, Directorate

General Fire Services, Ministry of Home Affairs, Mr. Pankaj Dharkar, President of Fire and Security Association of India. In the meetings, President Nakamura exchanged views and expressed his hope that Indian organization joins FISUEL. President Nakamura also attended a ceremony of Fire Service Day on 14th April attended by Mr. Shri K. Rijiju, Minister of Home Affairs.

ICA (International Copper Association) report

ICA India in association with CEA and BIS has organized '2nd National Workshop on Electrical Safety - India'
*The workshop is one of the leading platforms to promote issues related to
'Electrical safety in the Country'*

Delhi, 12th April 2016: The use of electricity is an integral part of our lives and it is important to harness it safely and efficiently. There are many lives lost each year as a result of electrical-related incidents and fires. A number of electrical fatalities and injuries that occur each year can be overcome by a thorough understanding of electrical concepts. Yet due to the complexity of regulatory requirements, many safety professionals may not be fully equipped to handle the task. International Copper Association India (ICA India) as a part of its seminars and workshops on Electrical Safety across India, conducted 2nd National workshop on '**Electrical Safety**' in Delhi on 12th April 2016. The workshop aim was to help and outline the regulations to ensure that electrical installation safety standards are obeyed and explain to the audience the need to follow them.

As per the National Crime Records Bureau's report 2014, 11000 people died in the year 2014 due to electrocution and fire due to electrical short circuits. Electric defaults have been seen as the largest single reason for cause of building fires. The government of India has accorded high importance to this area. Unfortunately poor practices, improper and weak installations, undersized and inferior quality of wires in the buildings have resulted in an increasing number of electrical accidents.

The objective of the 2nd national workshop was to create awareness about electrical safety amongst stakeholders and sensitize them on how to mitigate risks in such situations. ICA India along with the panel of experts organized this workshop with the aim of increasing the industry professionals' awareness of various safety measures and precautions while installing, handling, repairing or working on electrical installations and urging them to follow the revised standards.

There was also a book launch at the event an initiative by International Copper Association India, entitled "Electricity in Building- Good Practice Guide." The book includes successful case studies on good electrical practice. It also covers the requirements of electrical distribution given the move to smart cities and energy efficiency.

The workshop highlighted the necessity of sharing information and knowledge on international experience and inclusion of certified electricians amongst industry stakeholders. Through the day there were many different panels with stalwarts from both public and private sector. Mr. Major Singh – Chairperson, Central Electricity Authority (CEA), Mr. D K Nayyar, Deputy Director General, Bureau of Indian Standards (BIS), Mr. Nakamura – President, FISUEL, Mr. S D Dubey – Member (PS), CEA and Ex-officio, Addl. Secretary to GOI and Mr. Sanjeev Ranjan, Managing Director, International Copper Association India (ICA India) were dignitaries present at the inaugural session. The workshop and panel discussions saw tremendous turnout from participants across industrial sectors.

Participants came together and were able to share experiences and interact with international counterparts. They were able to learn about best practices and the need for regular and timely inspections. Thus the workshop helped to provide a platform to discuss the key issues related to electrical safety in the country. It also helped in provisioning for standards and regulations of electrical infrastructure in India.

There were 4 sessions

- First: Theme: Electrical Safety Standards and Regulations
- Second: Theme : Best practice and case study
- Third: Theme: Earthing, Lightning Protection and Arc flash
- Fourth: Theme: New Technology and Application

