



2017 Evolution



European Association of Electrical Contractors

A glimpse on AIE's activities



President's thoughts

Serve members' interests is a European association's first mission!

Regularly looking backwards to what we have done but equally looking forward to decide what we are going to do and how we will reach it, results in defining strategic goals... Likewise any business, associations need a vision for the future. Associations should not just observe but take ownership of the future!

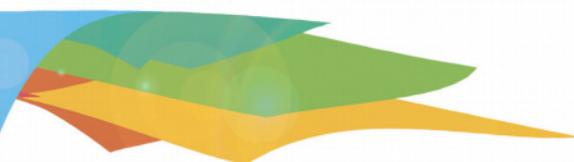
When I started my Presidency, I didn't expect 'my' first mission would be to rethink a vision for AIE's sustainable future in line with AIE's mission. The AIE is doing well and its vision is defined in AIE's strategic roadmap 2015-2018, but further to the loss of member associations from Southern Europe we need to assess whether we are still on the right path, if the vision has to be changed considering the human and financial means and finally, we need to find solutions to ensure AIE's sustainability.

Give added value to our members and offer best value for money has been one of the major discussion topics of the Policy Coordination Committee over the past year and I am grateful to my colleagues and friends for the open debate, the brainstorming, the ideas and suggestions, the help and support. We need to be innovative, creative and forward looking but we need AIE's members' help to ensure we are always working towards and in line with their view for the future.

In this spirit and after a debate on AIE's future internal strategy, the Policy Coordination Committee decided to launch a deep survey amongst the AIE's member associations to assess AIE's internal and political work, the distribution of information, communication and networking, but also questioning the expectations and perceptions of the members towards their European association, how these can be met as well as their view on the finances and membership.

At first sight the **exchange of experience or ideas between the member associations is one of the highly appreciated values** which has to be continued and stimulated. In this context the internal meetings, such as of the General Secretaries and the task forces have a very important role. The latter should have clear assignments with a goal and regular follow-up.

Improve, increase the transparency and communication about what we are working on and what we stand for, seems obvious and clearly of the utmost importance for AIE's understanding, credibility and visibility by the national associations Boards and the members companies. It is though a joint effort from both the secretariat and the member associations themselves. With today's digital tools and social media a lot can be done, it is requiring only new automatisms and sometimes new skills.



I am convinced that **AIE will continue to develop** if members so wish and if we are creative: Should common working groups be set up with other partners and stakeholders in addition to the AIE task forces? How can we increase AIE's awareness amongst the national Boards and member companies? Would it be e.g. possible to create links / exchanges / visits between the different countries' Boardmembers, usually not very well aware or interested in AIE's work?

This requests of course also to consider the finances and budget. We should be positively thinking about new options or potential paths. Should we share common back office services with another organization? Or should we rather consider and investigate a different contribution model other than based on the population's statistics? Maybe attract additional members by accepting clusters of countries (such as the Nordic countries) or sector related associations should be considered?

Associations have to be flexible and adaptable which means they are in a good position to balance struggles between individualism and collectivism, or fragmentation and integration. Only this way associations can be agents of change, not merely observers.



© CoD Conference in Oslo 2016 | Picture by Kilian Munch

"Where I am at, is not actually where I am at. Where I am at is merely a point on the path to where I am going." Tony Cleaver

I am confident that AIE has a bright future in front of her and I trust on the members to give the right impetus in the right way at the right time!

Thomas Carlsson,
AIE President.



1954-2017 Presidents

YEAR	COUNCIL/COUNTRY	PRESIDENT/COUNTRY
1954	Paris F	Comtet F
1955	London GB	Comtet F
1956	Zürich CH	Comtet F
1956	Kopenhagen DK	Barlow GB
1957	Roma I	Duserre CH
1957	Paris F	Duserre CH
1958	London GB	Duserre CH
1958	Copenhagen DK	Duserre CH
1958	Genève CH	Favero I
1959	Wien A	Favero I
1959	Roma I	Favero I
1959	Berlin D	Favero I
1960	Luzern CH	Comtet F
1961	Paris F	Comtet F
1962	Kopenhagen DK	LindbergDK
1963	London GB	LindbergDK
1964	Milano I	Barlow GB
1965	Edinburgh SCO	Barlow GB
1966	Paris F	Favero I
1967	Frankfurt D	Favero I
1968	Firenze I	Dolezal A
1970	Wien A	Dolezal A
1971	London GB	Lutiger CH
1971	Paris F	Lutiger CH
1972	Zurich CH	Lutiger CH
1972	Bern CH	Bennett SCO
1973	Stuttgart D	Bennett SCO
1974	Edinburgh SCO	Huguet F
1975	Kopenhagen DK	Huguet F
1976	Nice F	Kruggel D
1977	Barcelona E	Kruggel D
1978	München D	Croon NL
1979	Padova I	Croon NL
1980	Amsterdam NL	Grinsted DK
1981	Harstad N	Grinsted DK
1982	Kopenhagen DK	Harrower I GB
1983	Tours F	Harrower I GB
1984	Eastbourne GB	Rollet F
1985	Wien A	Rollet F
1986	Marseille F	Rollet F
1987	Helsinki FI	Rollet F



YEAR	COUNCIL/COUNTRY		PRESIDENT/COUNTRY	
1988	Firenze	I	Haas	D
1989	Zermatt	CH		
1990	Münster	D	Bartosch	A
1991	Mallorca	E		
1992	Wien	A	Amherd	CH
1993	Paris	F		
1994	Locarno	CH	Pettersen	N
1995	Antwerpen	B		
1996	Oslo	N	Calvo	E
1997	Edinburgh	SCO		
1998	Madrid	E	Kiaergaard	DK
1999	Luxembourg	LU		
2000	Kopenhagen	DK	Harrower II	GB
2001	Sintra	P		
2002	London	GB	Pettersen	N
2003	Athens	GR		
2004	Brussels	B	Bertram	D
2005	Rotterdam	NL		
2006	Heidelberg	D	Geffroy	L
2007	Rome	I		
2008	Luxemburg	L	Wetzel	F
2009	Bern	CH		
2010	Nice	F	Skogberg	FI



© Together in Oslo 2016 | Picture by Kilian Munch

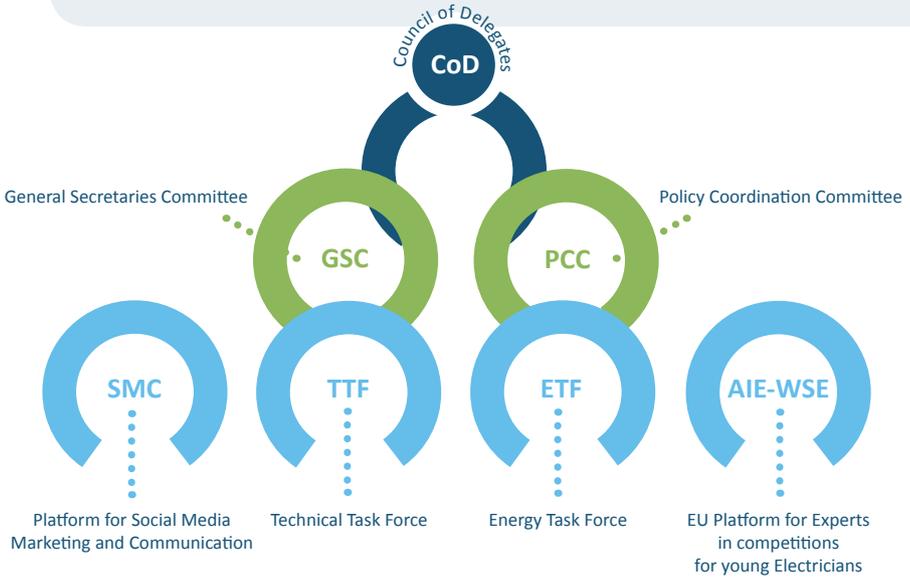
2011	Brussels	B		
2012	Helsinki	FI	Skogberg II	FI
2013	Copenhagen	DK		
2014	Portorož	SL	Littler	UK
2015	Edinburgh	SCO	Littler/Carlsson	ad interim after Council
2016	Oslo	N	Carlsson	SE

2017

Vienna AT

Organigram

Every year our national and international members meet each other again at the AIE Council of Delegates and Annual Conference, alternately held in different European Member States. The Policy Coordination Committee is responsible to the Council of Delegates, to which it shall present an annual report and is responsible for the implementation of the general policy of The Association. More info on our website under www.aie.eu under <About AIE> and <Events>.



AIE in figures

125.500
Electrical
companies



1,2 Million
people work force



15 Member
countries

AIE Structure



© Members of the Management Committee in Oslo 2016 | Picture by Kilian Munch



Martin Bailey ^[ECA|UK]
Policy Coordination Committee

G rard Constantin ^[VSE|CH]
Vice-President

Thomas Carlsson ^[EIO|SE]
President

Janne Skogberg ^[STUL|FI]
Policy Coordination Committee

Evelyne Schellekens ^[AIE Secretariat]
General Secretary

Our installers are dedicated to provide safe, comfortable and performant solutions to all sectors and markets they are working on. The advisory expertise of the electrical contractor is a vital part of delivering efficiency and quality. As a result of his involvement from the design and installation to commissioning, testing and maintenance, the electrical contractor has a significant contribution to make in achieving best value for clients especially in **providing cost-effective design solutions** that best meet clients' needs.

1. Infrastructure, transport and public lighting:

Ensure the availability, safety and control operating costs.

2. Industry and Tertiary:

Enhance productivity, quality, safety and performance.

3. Buildings:

Reduce operating costs, improve comfort and safety. The automation, maintenance, optimization of energy consumption, automated management of heating, air conditioning, lighting, access control and security of industrial, commercial and service buildings.

4. Residential:

Ensure comfort and safety, facilitate communication.

4 Markets

... in constant development



Glimpse of AIE activities ²⁰¹⁶⁻²⁰¹⁷

by *Evelyne Schellekens*

Without doubt, the EU Energy policy has been the top priority amongst AIE' activities over the past year. The **'Clean Energy for All Europeans'** Package is the promising umbrella title of a number of legislative proposals published by the European Commission on 30 November 2016. Also known as the 'winter package', the files seek to prepare Europe for the transition to a low-carbon economy and to give Europeans a greater role in our future energy system.



The extensive Package covers measures relating to energy efficiency, buildings, e-mobility infrastructure, renewables, and also proposes changes to reorganize the electricity market and tackle energy poverty.

In a nutshell, the winter package makes a number of important steps in the right direction. It gradually transforms our energy system towards a citizen-led, participatory energy system. Europeans will be able to play a more active role in energy production, energy consumption and decision-making, and reap the vast benefits of more energy efficiency.

Surely, the text proposed by the Commission won't remain the same as it stands today. Before it becomes actual law, it will be subjected to debates in the Council and the European Parliament. Agreement has to be found on files that commonly add up to quite a mammoth project. A total of 4,300 pages across a wide range of energy issues are testimony that the winter package will indeed define Europe's energy system for decades to come with citizens at its core.



In this context, the AIE has warmly welcomed the future looking proposals of the European Commission with the acknowledgment of the active role and contribution of technical building systems and the integration of a more holistic view of the building, but regrets the reluctant and non-ambitious position of Member States.

The AIE's positions on the **Energy Performance of Buildings Directive and the Energy Efficiency Directive** have been shared and enforced with additional joint position papers, emphasized by common Declarations and Statements with other stakeholders on the need to strengthen provisions to **accelerate renovation** of the existing buildings stock, to improve and maintain the provisions on the **electric vehicles** and charging points and to support the ambitious energy efficiency targets.

The **Smart Readiness Indicator** (mentioned in the review of the Energy Performance of Buildings Directive) is in the spirit of the **AIE Smart Tool** developed by the AIE a couple of years ago and could be used as an example or reference tool in the future.

Equally the negative impact of the **Primary energy conversion factor** for the electrical sector and its non-consistent use in transforming Energy markets, is increasingly recognized and publicly denounced in the debates further to continuous pressure of the European Stakeholders Group, initiated by the AIE in 2014.

The AIE has also been extremely present at the **Euroskills competition** in December in Gothenburg to guide and coordinate the Education and Training Experts to maintain a high level of the skills and competences required from the young electrical installers competing. Intense communication to the outside world about the outstanding experience of both youngsters and the education and training community whilst simultaneously promoting the sector, was led by AIE through social media.

Let's invest in our youth, in our future!



Climate Package

On 30 November 2016, the European Commission adopted and released important pieces of European energy legislation, called the 'Winter Package' or '**Clean Energy for All Europeans**' Package, placing consumers at the heart of the EU's energy strategy.

Commission's Energy Union Chief, Maroš Šefčovič, previously stated that it will not be possible to achieve the 2030 targets if we overlook the enormous potential of buildings in Europe. The Commission has recognised that building renovation has a great potential to equally create local jobs and give the economy a boost, as well as create better quality living spaces and cut consumers' bills.



THE ENERGY EFFICIENCY DIRECTIVE (EED)

The review of the EED is mainly related to article 1 and 7 of the existing Directive.

Article 1 sets a 30% energy efficiency binding target by 2030. The AIE welcomes this improvement compared to the current non-binding 27% target but – in line with the European Parliament – still asks for a 40% binding target.

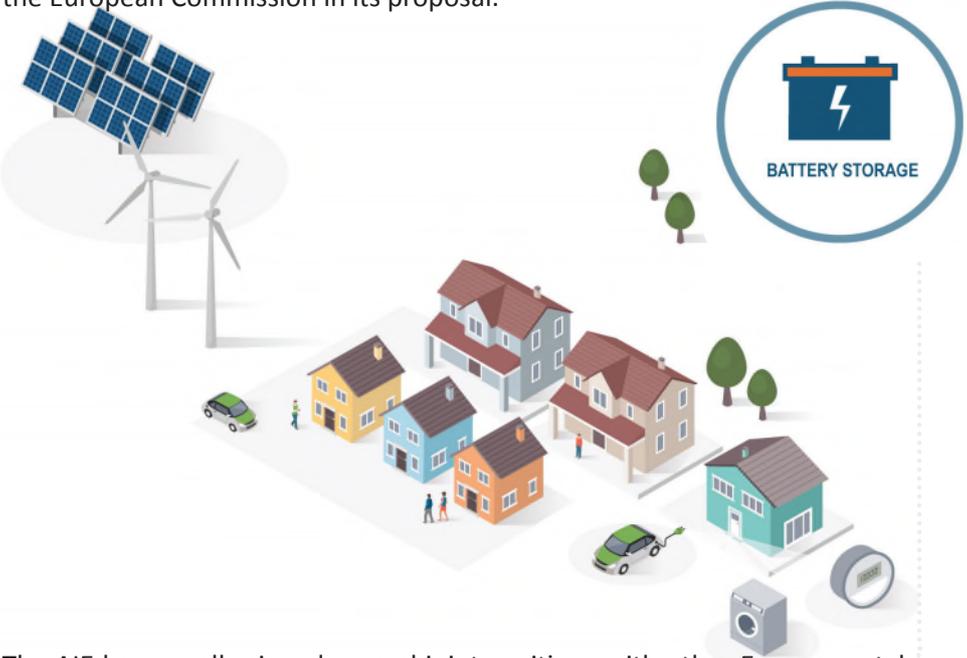
The article 7 does not set new energy savings goals but extends the current 1.5% energy saving goal beyond 2020. The AIE regrets the lack of ambition this target reflects and calls for regular and progressive increases of the target with clear milestones and a clear path so that stakeholders have time to adapt.

Moreover, the AIE recommends that **electricity generated by RES technologies and used locally in the building (self-consumption)** which is contributing to lowering the need for grid energy supply, **should be included in the energy savings calculations**. For this purpose, local energy storage technologies are equally key in facilitating self-consumption and should therefore be supported.

THE ENERGY PERFORMANCE OF BUILDINGS DIRECTIVE ^(EPBD)

The AIE welcomes in the Climate Package the proposals for the review of the Energy Performance of Buildings Directive recognizing and promoting **smart ready systems and digital solutions**, such as electronic monitoring and control functionalities.

In its position paper, the AIE equally highlights the need to **speed-up renovation**, to have **consistency** between the roadmaps and the National energy efficiency action plans of each Member State and suggests text improvements regarding the provisions for the **charging points for electric vehicles** and the implementation time-scale. Beyond AIE 's proposal to introduce an important new article on **safety checks** of the existing electrical systems in residential buildings, being the backbone of any other technical system, the AIE proposes its contribution in defining the **smartness indicator** for buildings mentioned by the European Commission in its proposal.



The AIE has equally signed several joint positions with other European stakeholders in the framework of the EPBD (see further) emphasizing **the acceleration of renovation of the existing building stock, mandatory inspections and the deployment of building automation systems and e-mobility infrastructures.**

PRIMARY ENERGY CONVERSION FACTOR ^(PEF)

Launching the debate in 2014 the AIE, together with many other European stakeholders, convinced the European Commission to **review the methodology for the calculation of the Primary Energy Factor (PEF)** for electricity in EU energy efficiency legislation, better reflecting the development of the European power generation mix. A common letter states that the current PEF of 2.5 is outdated and calls for the adoption of a PEF which reflects a larger gap between the factors used for fossil fuel and for renewable energy.

Listening to our demand, a very serious and well documented study on the Primary Energy Factor was commissioned by the European Commission aiming at calculating the PEF of electricity. It can be regretted no attempt had been made to calculate the PEF of the other non-electrical energies. This study was presented to a wider stakeholders group in June 2016. ►►

SMARTNESS INDICATOR ^(SRI)

The AIE participated on 7 June 2017 to a first stakeholders meeting organized by the European Commission on the Smartness indicator or the Smart Readiness Indicator mentioned in review of the EPBD.



Such a 'Smart Readiness Indicator' (SRI) would **give recognition for smarter building technologies and functionalities** which enhance the energy efficiency and other pertinent performance characteristics of the building stock. The service and impacts to be considered on smart readiness that have been mentioned are:

- > **Capability for interaction with occupants**
- > **Capability of optimized operation and maintenance**
- > **Capability of demand response**

The AIE positioned itself as an important stakeholder being the main contact point with the consumer on-site. Therefore, **the AIE task forces are mobilized to give input ASAP to give the right options to the consultants.**

In light of the discussions during the meeting on the functionalities and services to be assessed by the smartness indicator, AIE's General Secretary, Evelyne Schellekens, explained the AIE had developed a tool called **AIE's Smart Tool** some years ago for the use of its members on what and how smartness indicators related to services/functionalities could be used. *To be followed...*

►► Not considered as fully satisfactory, a common explanatory note was issued and sent in June 2017 to Members of the European Parliament and Member States **decoding what the primary energy conversion factor (PEF) is, what the problem/impact of a 2.5 factor is and why the PEF should be lower than 2.5 or 2.0 (latest proposal of the Commission).**



© Testing an Electrical Vehicle in Helsinki | Picture by STUL 2012

ELECTRIC VEHICLES AND CHARGING STATIONS

In the framework of the review of the EPBD but also more generally, the AIE very much welcomes a future looking view of the Commission to go beyond energy savings provisions and have a holistic view of the building, integrating the building into a wider 'eco-system' (smart grid & micro-grid) by **enabling a proper framework for the deployment of e-mobility infrastructure** which will be an integral part of tomorrow's society.



We strongly support the obligation to include the **pre-cabling / pre-tubing with sufficient capacity** to allow increasing power needs that will enable the installation of **a recharge infrastructure** in all new residential buildings and those undergoing major renovation in line with the deployment of the EV market in each Member State.

Installing tubes/cables when constructing the building or when renovating it makes the operation much cheaper for the end-consumer while recharging points in those big residential building will always be needed. However, if the capacity is not sufficient, a second more expensive investment at the time of installing the charging points, will be needed.



RESIDENTIAL ELECTRICAL SAFETY

More than ever safety of electrical installations in dwellings is a priority as to 'prepare' residential buildings to welcome digital solutions. An estimated 280,000 fires of electrical origin still occur every year throughout the EU, estimated to cause an average of 1,000 fatalities each year and an annual property damage of 6.25 billion euro.

Moreover, new challenges lie ahead that could exacerbate this situation if no action is taken. **One major concern is the rising average age of residential electrical installations in Europe.** Another is the increasing introduction of many new technologies such as solar panels, heat pumps and electric vehicles into the residential environment. A further consideration is that people are living in their homes for longer, and using an increasing number of electrically operated devices to enable them to do so. ▶▶

EU FUNDED PROJECT 'SMARTEL'



The AIE is partner in a project called SMARTTEL, launched in September 2016 and runs until December 2018. The project is about setting up training modules for installers on smart meters and home automation technologies. The Belgian electrotechnical training institute VOLTA (www.volta-org.be) was most interested in the project and helps providing the training expertise on behalf of AIE.

►► The **White Paper “Residential Electrical Safety - How to ensure progress”** makes a comprehensive analysis of the situation of domestic electrical safety in the EU, based on extrapolations of existing figures where they exist. It starts by looking at the origin of electrical safety issues, focusing on the old housing stock and a slow renovation rate. It analyses the causes and consequences of an unsafe electrical installation, and considers ways in which electrical safety is enforced, both in and beyond Europe, including an overview of electrical safety standards. The economics of electrical safety regulation are equally discussed, including a cost benefit analysis.

The AIE together with FISUEL and the European Copper Institute reactivated the Forum for European Electrical Domestic Safety (FEEDS) and held a first meeting on 5 May to present the White Paper to the relevant stakeholders (i.e. fire brigades, insurance companies, consumer associations...) as to raise awareness and inform about the risks of unsafe electrical installations in dwellings by improving the statistical material and share best practices. An action and communication plan will be developed during October 2017.



WHITE PAPER
RESIDENTIAL ELECTRICAL SAFETY
HOW TO ENSURE PROGRESS

Forum for European Electrical Safety (FEEDS)

White paper co-operation: raising awareness about unsafe electrical installations in dwellings [available on AIE Intranet under Standards & Safety]





Alliances and Partnerships

AIE supporting partner of the Electrification Alliance and Declaration

The AIE, supporting partner of the Electrification Alliance, attended on Friday 23 June 2017 the launch of the Electrification Alliance. The Alliance is calling for **electricity to be recognised as the key energy carrier for an efficient and decarbonised European future** and published a Declaration on Electrification supported by the AIE and a large number of other associations, companies and NGOs.

The Declaration states that as electricity in Europe decarbonises, it will reveal its true value as it becomes the **key vector for achieving a decarbonised, energy efficient and digital European economy.**

AIE signs joint Position on inspections, indoor quality and electro mobility infrastructure in the framework of EPBD



Joint Position Paper

The AIE (European Association of electrical contracting companies), AREA (European association of refrigeration, air conditioning and heat pump contractors) and GCP Europe (voice of the efficient building engineering services), the 3 main European associations representing the interest of the installers, agreed jointly on **3 specific elements of the proposal of utmost importance for the installation sector:**

- 1) Making inspections mandatory with adequate associated thresholds
- 2) Ensuring better Indoor Environment Quality
- 3) Enabling a proper framework for the deployment of e-mobility infrastructure



Coalition letter to
European Parliament
and EU officials on
#EPBD



AIE signs Coalition letter on the EPBD

On Tuesday 6th of June 2017, the AIE **addressed with 15 other industry associations an open letter to members of the European Parliament and officials in the EU Member States** in which they support the recently proposed recast of the Energy Performance of Buildings Directive (EPBD) by the European Commission **but equally strongly advocate that an ambitious EU Energy policy will be beneficial** to EU Member States and could be a growth and jobs drivers if it is done the right way:

- 1) **Accelerate the energy renovation of the existing building stock**, by promoting tailor-made and technology-neutral incentive schemes
- 2) **Foster the deployment of Building Automation and Control (BAC) systems** in non-residential and larger residential buildings
- 3) Promote the **new smartness indicator of buildings**.
- 4) Adopt a holistic view, by enabling a proper framework for the deployment of infrastructures (i.e. on-site renewable generation, smart metering, demand-side flexibility and electro-mobility) that will **facilitate the buildings' integration into a wider energy 'eco-system'**.

Meeting with Cabinet Mrs Malmström on the solar trade case in October 2016

Further to the joint letter sent with Solar Power Europe and other European associations, AIE was invited to join Solar Power Europe to meet with the Cabinet of Mrs Malmström to make the case on the trade duties and taxes on solar panels.



to call for the End of Trade Measures on Chinese Solar Panels and Cells



AIE and Solar Power Europe met
with Cabinet of Commissioner Malmström
JOINT TALK WITH EC

Common statement of AIE and European stakeholders on the Primary Energy conversion factor (PEF)



In this statement, we welcome the direction of the European Commission's proposal to reduce the PEF from 2.5 to 2.0 as a first step. It is based on a scientific approach and better aligns the factor with the reality of power production as it is today. It also better reflects the EU energy mix and the higher share of renewable electricity generation.

!! However, we stress the need for a larger gap between the PEF for fossil fuel and for renewable energy. Nearly equal factors for both (under the EED the Commission proposes: RES 1; Fossil 1.1) do not reflect the benefits of renewable energy over fossil fuels. We thus clearly support Fraunhofer ISI's proposal to use a factor of <1 for non-combustible renewables, based on the European Commission ordered "review of the default primary energy factor".

!! Any adjustment made to the PEF should include an assessment of the impact on the related legislation (EcoDesign / EPBD / EED) and energy statistics.

Common vision on the White Paper:

"Residential Electrical Safety - How to ensure progress"

This White Paper presented in the framework of the European Forum for Electrical Domestic Safety (FEEDS) in May 2016 makes a comprehensive analysis of the situation of domestic electrical safety in the EU, based on extrapolations of existing figures where they exist. It starts by looking at the origin of electrical safety issues, focusing on the old housing stock and a slow renovation rate.

It analyses the causes and consequences of an unsafe electrical installation, and considers ways in which electrical safety is enforced, both in and beyond Europe, including an overview of electrical safety standards.

AIE further coordinates the debate within the FEEDS group meant to develop an action and communication plan in Autumn 2017.

AIE's message to the European wholesalers



On 2nd June 2017, the **AIE Vice-President Gérard Constantin** and Evelyne Schellekens, AIE's General Secretary participated to the 62nd annual Convention of EUEW, the **European Union of Electrical Wholesalers** in Cracow. Mr Constantin addressed his messages to a wide audience of wholesalers and manufacturers of Europe.



'Today the electrical industry offers us a wealth of new, intelligent and efficient technology and in addition, internet and the digitalisation are pushing us to change the way we used to do business.

*Innovation and digital processes such as BIM (Building Information Modeling) will help that happening, and more than ever it will be important for installation companies to have neutral interfaces with correct, reliable and up-date product data. **Simple but important messages:***

> Therefore we believe there is enough space for everybody to deploy energy efficient solutions and technologies in buildings.

> The installer is the most important partner for wholesalers and manufacturers. He is the main contact point for the client and the one who advises, installs and connects the appropriate products and equipment and put them into service.

> In a strong, united and respectful value chain each one has a role to play: manufacturers produce, wholesalers distribute, installers install and this will bring benefits to all!

> We have to continue to build up and maintain relationship, to talk to each other about BIM, share and understand each other's problems and concerns and develop win-win business models.'

The AIE Policy Coordination Committee was present at the 2016 edition of the Euroskills competition to encourage the new generation of young and smart electricians!

At the highly visited Euroskills' competition in Gothenburg, the special category 'Electrical installations' attracted up to 16 candidates chosen by their country to represent the national colours.

The AIE Board (PCC) was impressed by the high expectations that candidates had to fulfill and the **challenging task** of this year which consisted of building an electrical installation of a building by:

1. Mechanical **Installation**
2. **Safe Energy Supply via central distribution box** to all sockets, lamps and drives
3. Installing wired **high speed data networks**
4. Programming the **smart building automation** bus wired components (**KNX**) to make it a smart building (dimmed lights, presence detection, shutters control, electric drive)
5. Surviving a special **1-hour-theory test**



©PCC members from left to right: AIE President Thomas Carlsson (SE), Karl-Heinz Bertram (DE), Gunnar Gran (NO), Evelyne Schellekens (GS), AIE Vice-President Gérard Constantin (CH), Janne Skogberg (FI) and Martin Bailey (UK). | Picture by AIE 2016 in Gothenburg

Glimpse of AIE activities



©Chief Expert Adrian Sommer at the last experts and candidates meeting during the Euroskills competition in Gothenburg | Picture by AIE 2016

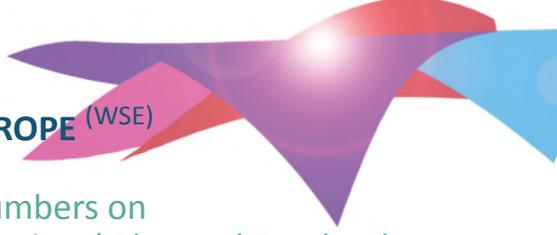


Education and training being the backbone for our trade and companies, it is of the utmost importance that the AIE controls the high level of the competition and that youngsters are supported as to well perform on-site.

At the end of this exciting competition, General Secretary Evelyne Schellekens therefore **warmly thanked the Chief Expert, Adrian Sommer** representing AIE's Swiss member association – VSEI/USEI, **and all experts for their support, endurance and expertise** before, during and after the competition! Without their personal engagement and time, the competition wouldn't exist!

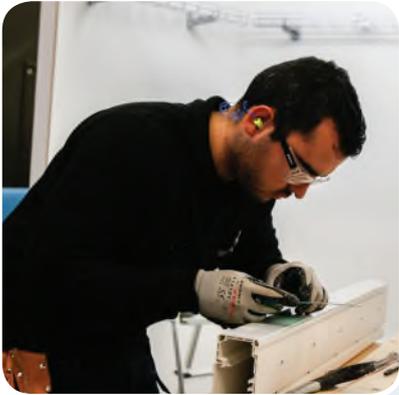
She equally congratulated and handed over the AIE Certificate of excellence to every candidate: “.... Keep your passion and share it with others, you are a champion and an example for other young people. Be proud of yourself!”

At the Closing Ceremony on 4 December 2016, the **AIE President Thomas Carlsson (SE)** had the honor to hand over the golden (Switzerland), silver (Austria) and bronze (Finland) medals to the winners of the electrical installations category. Thomas Carlsson was most happy about this unforgettable experience for youngsters with a lot of emotions and motivation: “It is fantastic to see all these youngsters happy and proud of their performance”. See sphere images next pages. ►►



Social media numbers on Electrical Installations' Blog and Facebook

AIE is an official associate member of WorldSkills Europe and reported lively on the competition through Blog, Facebook and Twitter.



This led to **814 pageviews** for the **aiE-cye blogspot** with **Sweden (177)**, **Russia (152)** and **Hungary (96)** as top 3 visitors of the blog!

For Euroskills 2016 we had about **1041 unique users** who saw a story about the Electrical Installations via Facebook and about **1356 post engagements**.





Followed by **United States (44), Belgium and Norway (42), Switzerland (37), The Netherlands, Finland and Germany (25 to 27 views).**

AIE stimulates its members and beyond to **support media coverage for their future co-workers** and give them the necessary attention they deserve!



© AIE / 2017:

Photos:

[Image 'Winners Euroskills2016' Electrical Installations Photo Frieda Winter - p19
Other images 'Closing Ceremony' Euroskills2016 by Swedish students at NTI Mediagymnasiet]

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Graphic Design by Carla Cox | AIE Secretariat

Use of Shutterstock images and one icon by Freepik.com | Images created for Infoflashes 2016



You can find us on:



European Association of Electrical Contractors

www.aie.eu | info@aie.eu

125.500 Electrical Companies

1.2 mio people work force

15 member countries

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