



Global Gateway to
Electrotechnical
Standards in Belgium

Newsletter October 2017

Dear Members,

The CEB-BEC is pleased to send you its latest newsletter.

The 81st IEC General Meeting - October 2-13, 2017



IEC 81st General Meeting

From 2 to 13 October, 2017, around 1500 international experts will be participating in the 81st IEC General Meeting, which will take place in Vladivostok, Russian Federation, hosted by the IEC National Committee of the Russian Federation and Rosstandard (federal Agency on Technical Regulation and Metrology).

In value, electrical and electronic goods represent around 20% of all goods traded globally. In comparison raw energy represents 9.7% and fashion around 2.7%. To allow companies to trade their goods globally and for countries to be able to participate in global value chains, they all need to work with globally harmonized technical rules that are expressed in International Standards, most often IEC International Standards. These Standards also form the basis for testing and certification, which is essential to verify if product promises are kept and devices are safe to use.

For more information, click [here](#).

Standards and IPR - October 10, 2017

Drafting European Standards is about sharing knowledge. In this webinar, you will learn how Intellectual Property Rights (IPR) are applied in the process of shaping European Standards, and understand the links between copyrights, patents and standards. The European funded initiative "IPR Helpdesk" will be invited to share their views on the challenges for SMEs regarding IPR knowledge within the context of standardization.

For more [information](#) and [registration](#).

World Standard Day - October 14, 2017



International Standards make things work safely and smoothly together at every level in cities. They provide the foundation for electricity access and all the many devices and systems that use electricity and contain electronics. They support the information and communication technologies that enable data collection, exchange and analysis, and information security. Last but not least they provide important guidance for all aspects of city life, including energy-efficient buildings, intelligent transportation, improved waste management, building sustainable communities

and much, much more.

With Standards, we can make our cities smarter, step by step. Individual islands of smartness can grow together and interconnect.

It is comforting to know that International Standards will support smooth and integrated Smart City development.

For more information about the World Standard Days, click [here](#).

Cities set Standards to be Smarter and more Sustainable - October 19, 2017



How to replicate smart city solutions? Are standards the right tools for cities? Can the European Standardization Organizations be part of the cities' journey towards a smart and sustainable future?

For more information, click [here](#).

Unboxing Rules & Standards - October 19, 2017

After three successful editions, Agoria's Center for Expertise and Standardization organizes on Thursday, 19 October, for the fourth time its R & S event in Brussels.

Would you like to play for sure? Or do you want to study how to get more competitive advantage from the themes like international trade and market access, privacy and GDPR, BIM, fire safety, government procurement, transportation, trade secrets, corporate mediation & arbitration, food contact materials, eHealth standards & interoperability, Internet of Things ...?

Come to the # RSEVENT2017 from Agoria's Expertise Center for Regulatory & Normalization on Thursday, October 19, and meet our R & S experts. Together with external

speakers, they highlight general trends and developments, but also the often unmarked finesses that really make the difference.

Unboxing the rules in 16 parallel sessions.

For more information and registration, click [here](#).

Making ICT standards fit for Active and Healthy Ageing in Europe - October 19, 2017

The main objective of the workshop will be to promote a fruitful debate among relevant stakeholders who are searching for optimum approaches and to consider how this could evolve into a sustainable dialogue. It will be an opportunity for you to find out more about how standards affect the products and services that you use or provide and to share your views on:

- How the needs of an ageing population can be better addressed
- How standards support ICT-based products & services related to AHA
- How older people's participation can be assured in the development of the different standards.

For more information, click [here](#).

CEN and CENELEC together with European railways industry representatives invite you to a one day workshop on: **'Railways of the future'** - October 25, 2017

For more information and registration, click [here](#).

CEN/CLC/TC 13 'Cybersecurity and data protection' - The scope of this new joint CEN/CLC TC is the Development of standards for data protection, information protection and security techniques with specific focus on cybersecurity covering all concurrent aspects of the evolving information society, including:

- Organizational frameworks and methodologies, including IT management systems
- Data protection and privacy guidelines
- Processes and products evaluation schemes
- ICT security and physical security technical guidelines
- Smart technology, objects, distributed computing devices, data services.

This includes identification and possible adoption of standards already available or under development which could support the EU Digital Single Market and different standardization requests and/or EC Directives/ Regulations. If required these standards will be augmented by TRs and TSs. Special attention will be paid to ISO/IEC JTC 1 standards, but will not be limited to this. Other SDOs and international bodies will also be taken into account, such as

ISO, IEC, ITU-T, IEEE, NIST or industrial fora. For the relevant standards different options will be considered:

- Identical adoption as EN using for example Vienna/Frankfurt agreements.
- Adoption as EN with additional/complementary requirements, for example in order to fulfil European legal requirements.

The first meeting of this TC will take place at CCMC premises on November 7, 2017.

For participation and registration, click [here](#).

CEN-CENELEC-ETSI Coordination Group on Smart Energy Grids - November 9, 2017.

The main points on the agenda will cover:

- The clean energy package: assessment from a standardization perspective;
- Standards development to support the deployment of network codes;
- Smart Grid Task Force (DG ENER): activities follow-up (demand response, cybersecurity, data format).

[Standards set of standards.](#)

IEC Technology Report LVDC:2017 - LVDC: electricity for the 21st century - Low voltage direct current (LVDC) is a disruptive technology that fundamentally accelerates energy access and improves energy efficiency. LVDC applications are many and varied, and can be applied in every country in the world.

In developed economies, the main drivers for the use of LVDC are the improvement of energy efficiency and power quality as well as the conversion to renewable energy.

In developing economies, the standardization of various aspects of LVDC is likely to have a profound impact by facilitating electricity access in even the remotest of villages.

This Technology Report examines LVDC in terms of market potential, access to energy, voltage standardization, safety and other key considerations. It pools the collective expertise and know-how of experts from all around the world.

To obtain this document, click [here](#).

For more information about LVDC, click [here](#).

Forthcoming CEB-BEC Meetings:

CEB-BEC 14 - Power transformer - October 9, 2017

CEB-BEC 34 - Lamps and related equipment - October 10, 2017

CEB-BEC 22 - Power electronic systems and equipment - October 11, 2017

CEB-BEC 59 - Performance of household and similar electrical appliances - October 13, 2017

CEB-BEC 61 - Safety of household and similar electrical appliances - October 13, 2017

CEB-BEC 36A - Insulated bushings - October 31, 2017

CEB-BEC CEN/CLC TC 10 - Energy-related products - Material Efficiency Aspects for Ecodesign, November 6, 2017

CEB-BEC 111 - Environmental standardization for electrical and electronic products and systems, November 6, 2017

CEB-BEC 205 - Home and Building Electronic Systems (HBES) - November 6, 2017

CEB-BEC 57 - Power systems management and associated information exchange - November 10, 2017

CEB-BEC 8 - System aspects of electrical energy supply - November 13, 2017

CEB-BEC 2 - Rotating machinery - November 15, 2017

CEB-BEC 62 - Electrical equipment in medical practice - November 20, 2017

CEB-BEC 77/210/CISPR - EMC - November 20, 2017

CEB-BEC 110 - Flat panel display devices - November 21, 2017

CEB-BEC 23B - Plugs, socket-outlets and switches - December 1, 2017

[List of all publications since September 1, 2017](#)

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