The summer months have been a busy and productive time at CEN and CENELEC where, starting in June, we warmly welcomed the launch of the Joint Initiative on Standardization (JIS), aimed at modernizing standardization policy through the reinforcement of the unique public-private partnership between European institutions and the European standardization community. At CEN and CENELEC, we remain steadfast in our support of the JIS and the place of standardization as a bridge between public policies and market needs.

The public-private-partnership is reaching new and innovative levels. Accordingly, on 13 October, at the 80th IEC General Meeting in Frankfurt am Main, the Commission (DG GROW), with the involvement of CEN and CENELEC will organize an event to present and promote the launch of the 15 Actions of the Joint Initiative focusing on the three main themes of timeliness, prioritisation and modernisation.

In our commitment to strengthen involvement of industry and other stakeholders in the European digital transformation, CEN and CENELEC have built a strong network by contributing to the standardization priorities for the Digital Single Market. We reinforced the engagement and involvement of business and industry in digital standardization activities on 29 June during our industry engagement workshop covering “new challenges for a new environment.” Participants from energy, manufacturing and transport provided input to help shape the CEN-CENELEC standardization roadmap for digital transformation, and defined the priorities and challenges digital transformation faces.

With digital on the calendar in June, CEN and CENELEC joined oneM2M, the global standards initiative for Machine-to-Machine (M2M) and the Internet of Things (IoT). In doing so, we can now ensure mutual benefits and cooperation between industrial users of IoT.

However, the focus hasn’t just been on Europe, but also on the world stage! In Beijing this September the ISO General Assembly was a valuable opportunity to connect with colleagues from around the globe and strengthen our relationship with foreign partners. It proved an ideal occasion to present the recently revised CEN and CENELEC partnership agreements framing cooperation with National Standards Bodies outside the CEN and CENELEC membership network.

Also in Beijing, CEN and CENELEC revised their Cooperation Agreement with the Standardization Administration of the People’s Republic of China (SAC). The three organizations decided to renew their cooperation begun in 2009. Both parties hope to further facilitate trade in goods and services between Europe and China through joint efforts to remove technical barriers that may hinder reciprocal market access.
Main outcomes of CEN and CENELEC General Assemblies

The fourth joint meeting of the CEN and CENELEC General Assemblies was held in Skopje, FYROM on 8 June. This provided a valuable opportunity for the Members of CEN and CENELEC to address matters of common interest.

Digitization was cited as one of the main challenges faced by standardization today. This combined with other concepts, such as the Internet of Things (IoT), brings additional challenges in the form of horizontal issues including energy efficiency, eco-design and servitization of industries. CEN and CENELEC have taken several initiatives to face these new challenges by strengthening their commitment to all sectors of industry, engaging with the Alliance for Internet of Things Innovation (AIOTI) and oneM2M consortium (see article page 9), and this to follow co-organising initiatives with the Joint Research Centre to enhance integration of standards with research.

Regarding policy-related matters, the General Assemblies welcomed the initiatives that are being implemented with the aim of reinforcing the engagement of industry and other stakeholders in European standardization, and confirmed the willingness of CEN and CENELEC to build on the strengths and contribute to the continuous improvement of the European Standardization System.

The General Assemblies approved the new CEN-CENELEC Guide 12 ‘Affiliation with CEN and CENELEC’ and Guide 13 ‘Companion Standardization Body with CEN and CENELEC’ which re-examine CEN and CENELEC Partnership concepts with counterparts outside their membership (see article page 22).

The delegates welcomed the close cooperation between CEN and CENELEC and the coordination of standardization activities in a number of specific areas including ‘Hydrogen’, a strategy for the construction sector, and the Radio Equipment Directive. The joint meeting was addressed by representatives of CEN and CENELEC’s key European partners: Mr Jean-François Aiguinga, Head of Unit ‘Standards for Growth’, (DG GROW), Ms Maive Rute, Deputy Director-General of JRC (Joint Research Centre), Ms Margrethe Asserson, Senior Officer Goods Division, EFTA, and Mr Simon Hicks, Chairman of the ETSI General Assembly. Likewise our key international partners, Mr Åke DANEMAR, IEC Treasurer and Mr Kevin McKinley, Acting Secretary General of ISO, addressed the joint meeting.
CEN General Assembly

“Standards are important for competitiveness … they have a very important asset - trust. People trust standards, industry, Green associations and consumers.” Vincent La Flèche, President-elect CEN, AG Skopje 2016

At the 44th CEN General Assembly (AG) in Skopje on 8 June, six among the current members of the CEN Administrative Board (CA), Mr Olivier Peyrat (Director General, AFNOR, France), Mr Jesper Jerlang (Director of Standardization, DS, Denmark), Mr Javier Garcia Diaz (Standards Director, AENOR, Spain), Mr Peter Maas (Senior Manager Standardization Business Development, NEN, the Netherlands), Mr Pekka Järvinen (Managing Director, SFS, Finland), and Mr Prit Kikas (Managing Director, EVS, Estonia), were re-elected to serve for a further two year term, up until the end of 2018. Mr Jesper Jerlang has also been elected as Vice-President Finance starting from 2017, replacing Mr Piet-Hein Daverveldt. Following the request for membership in CEN by the Institute for Standardization of Serbia (ISS), a current Affiliate, the AG agreed to initiate the process of evaluation of compliance with CEN membership criteria by ISS.

CENELEC General Assembly

“We find ourselves living in a fascinating world, where the digital world coming over us calls for us to find new items for standardization in cooperation with our sister organizations, CEN and ETSI, but also with fora and consortia, to find the best way toward standardization for the coming years in the digital market, in Europe and beyond.” Dr. Bernhard Thies, Director CENELEC, AG Skopje 2016

At the 56th CENELEC General Assembly (AG) in Skopje on 8 June, CENELEC Members elected four members of the CENELEC Administrative Board to serve a two-year term starting in January 2017. They are: Mr David Dossett, Mr Anders Richert, Mr Kimmo Saarinen, and Mr Ljupco Davchev. Mr Wim De Kesel was re-elected for a second term of office as a board member and was also re-elected for a second term as Vice-President Policy. Mr Kimmo Saarinen, will take over as Vice-President Finance at the start of 2017 for a term of two years, replacing Dr Bogdan Topić.

The AG warmly thanked the five members of the Board finishing their term of office at the end of 2016, four of whom were ending a second term of office: Mr Mike Graham, Mr Werner Fischer, Mr René Nielsen, and Mr Bogdan Topić.

Following the request for membership in CENELEC by the Institute for Standardization of Serbia (ISS), a current Affiliate, the AG agreed to initiate the process of evaluation of compliance with CENELEC membership criteria by ISS.

CEN and CENELEC publish Annual Reports 2015

The CEN and CENELEC Annual Reports 2015 provide an overview of the standardization activities and other initiatives that CEN and CENELEC developed in 2015, together with relevant facts and figures.

They were presented to the Members of CEN and CENELEC at their respective General Assemblies in Skopje on 8 June. The Annual Reports are published as one package with three separate parts. These parts contain information concerning (1) the joint activities of the two organizations, (2) the specific activities of CEN, and (3) the specific activities of CENELEC. All three parts can be read online or downloaded in pdf format from the Publications section on the CEN-CENELEC website. As in previous years, both the CEN and CENELEC Annual Report and the CEN Annual Report are being translated into French and German and will be made available by the end of the year.

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Warm welcome for the launch of the JIS to modernize standardization policy

The Joint Initiative on Standardization (JIS), complying with the European Single Market Strategy, is aimed at reinvigorating the unique public-private partnership between European institutions and the European standardization community and moving towards a more modernized European Standardization System (ESS).

The signature of the JIS took place in Amsterdam on Monday, 13 June 2016 under the Dutch Presidency of the EU.

CEN and CENELEC play an active role in this process to support the enhancement and completion of the European Single Market and to increase the global competitiveness of European business, in pace with:

- the rapidly changing economy,
- the evolving needs of the society,
- the increasing importance of standardization of services, and
- the digital revolution.

More specifically, the JIS enables the promotion of a European Standardization hub with a global impact, while guaranteeing the timely, open, transparent and inclusive development of these standards. A modernized European standardization system will also support market access for innovative products and services, and be associated with the results of research projects.

The JIS consists of 15 actions grouped under three main clusters:

1. Awareness, education and understanding about the European Standardization System
2. Coordination, cooperation, transparency and inclusiveness
3. Competitiveness and the international dimension

CEN and CENELEC are heavily involved in the implementation of these actions in view of the potential benefits, not only for the standardization system as a whole, but also for European business and industry in general. CEN and/or CENELEC lead six actions and contribute to the remaining nine which are led by other signatories of the Initiative, such as CEN and CENELEC Annexe III Partner SBS, the European Commission, and interested Member States. Intense discussions and virtual meetings are ongoing with both leaders and contributors of all the actions focusing on a timely delivery for the project kick off on 14 October 2016 on the occasion of World Standards Day.

The six actions with a CEN and/or CENELEC lead are:

1. Action 1: Programmes for education in standardization/Training and awareness on standardisation
2. Action 5: Aiding the implementation of the Construction Products Regulation (CPR) through standards
3. Action 8: Provide high-quality standards delivered and referenced in a timely manner
4. Action 12: Encouraging the greater development and use of European Service Standards to help integrate Europe’s service markets
5. Action 13: Promote the European regulatory model supported by voluntary standards and its close link to international standardization in third countries
6. Action 14: Standardization to support digitisation of European industry (ETSI co-leadership)

Who signed and what this signature entails

The actors involved in the signature are the European Commission, EU Member States, EFTA Member States, European Standardization Organizations, National Standardization Bodies (NSBs), European business federations including Small and Medium Enterprises (SMEs), and societal stakeholder organizations.

The JIS is a great opportunity to improve the collaborative dialogue and cooperation between the European institutions, standardization organizations and a wide range of stakeholders to better meet market, societal and policy needs, including competitiveness, accessibility, and sustainability.

A more consistent and unified policy

CEN and CENELEC are pleased to see that the European Commission has committed to having a more consistent and unified policy towards standardization, which serves to strengthen the European Single Market and also supports the implementation of EU policies and legislation.

Unlocking the potential of services standardization – an initiative from ISO

CEN international standardization partner, the International Organization for Standardization (ISO), launched a one-week campaign from 13-17 June on Services Standards.

Together with the ISO community worldwide, CEN and CENELEC participated at European level with its National Standardization Bodies in a common effort to unlock the full potential for standardization in services. Throughout the week, participants had the chance to learn about CEN services-related activities, as well as the benefits that service standards bring to consumers, businesses and other stakeholders.

Some of the topics promoted during the week were service excellence at EU level, the new Technical Committee, CEN/TC 447 ‘Services-procurement, contracts and performance assessment’ which aims to develop horizontal service standards, and how standardization can boost consumer services.

As part of the ISO strategy for service standardization, a workshop was also organized where CEN and CENELEC Members AFNOR (France) and DIN (Germany) presented an overview of their respective national initiatives on service standardization. These were the results of extensive studies of their national services sectors to identify key stakeholders, their motivations, and to understand relevant market and legal conditions.

This led to the development by DIN of a standardization roadmap for services, offering each service field an overviews of key stakeholders and of legal framework conditions, and examples of standards and specifications. In France, AFNOR published a white paper offering key recommendations on how services standardization can be facilitated.

Using the hashtag #ServiceStandards, the campaign was widely followed on Twitter receiving over 1100 tweets from 330 contributors and reaching an audience of 586 641 people!

Why focus on services standards?

The services sector is a key element contributing to the overall competitiveness of the European economy, where services account for 70% of economic activity and employment.

The use of European Standards can contribute to fostering cross-border trade as well as enhancing safety, quality and performance while ensuring the protection of consumers and the environment. Nevertheless, service companies and stakeholders do not always understand how standardization can be used and its potential benefits.

- Visit the CEN and CENELEC website for all the #servicestandards news
- Visit the ISO dedicated website
- More about our activities in the standardization of services on the CEN website

From products to services. The evolving role of standards

With services definitely on the agenda, on 26 October in Brussels, CEN and CENELEC have organized an intensive one day event with key industry representatives with a look at fine-tuning a strategy for European service standardization needs.

During this workshop, participants will contribute to defining the state-of-play and challenges European businesses face to improve their competitiveness and offer their services across borders; to clustering potential solutions and priorities; and to identifying gaps in standardization solutions in order to unlock the service market potential.

For more information visit the Events section on www.cencenelec.eu
Standardization boosting consumer services

The participation of societal stakeholders in European standardization is supported by dedicated European associations, societal interests of consumer are represented by ANEC - the European consumer voice in standardisation.

On the occasion of the ISO campaign on Services Standards (see previous article), we spoke with Stephen Russell, ANEC Secretary-General, on the value held by standards for consumers, current challenges faced by ANEC and ANEC’s priorities for service standardization in 2017.

Why are European Standards for services important to consumers?

For many years Europe has enjoyed a single market for products achieved through legislation and standardization. As a result, business has benefitted from reduced barriers to trade and a more level playing field allowing consumers to benefit from increased competition and increased levels of protection and welfare. Regrettably, we don’t have a complimentary single market for services offering complimentary benefits to consumers, even though services make up 70% of the gross domestic product of the European Union. There are two reasons for this, the first is that businesses tend to see service provision as local and not cross border.

The second is the lack of a harmonizing pan-European framework for legislation on the safety of services compared with the safety of products where we’ve had the new approach since 1985 and more recently the new legislative framework. This means that national regulation, where it exists on services, still takes precedence over European Standards, making for a fragmented services market. So ANEC has two challenges, the first is to make the case for European legislation on services sector by sector. The second is to influence the development of standards for services in the consumer interest where work is happening either at the European or at the international level.

What are the three main priorities for ANEC in 2016-2017 in relation to service standardization?

Firstly, we have the recent European Commission communication on upgrading the Single Market which calls for more European Standards for services. We fully support that ambition and will also support the upcoming actions to underpin the communication. Within CEN, we will certainly be delighted to help CEN develop its strategy on services and will make the link across to ISO/COPL/LOCO Working Group 18 on services which is revising Guide 76. Secondly, we know it’s a very contentious issue, but we want to see more standards for minor healthcare procedures because consumers are travelling cross border for such procedures and not all countries have regulation. So, we’d like to see a European Standards in place that can provide the essential reference documents for consumer redress if something goes wrong. Thirdly e-commerce, we have three aspects. The first is the forthcoming standardization request for postal services particularly looking at the quality parameters for the delivery of parcels within Europe. We want to engaged in that work and to look afresh at how standards can boost consumer trust and confidence in financial services. Thirdly and finally, online reputation, we want to participate with our colleagues at Consumers International in the work of ISO TC/290 because we believe its standards will be key to the new collaborative economy.

The full interview with Stephen Russell is also available on the CEN-CENELEC YouTube channel

More information:
• Why are standards relevant for you, the consumers?
• Services on the CEN website

Stephen Russell, ANEC Secretary-General
CEN and CENELEC welcome ISO President Zhang Xiaogang

In the context of our lasting collaboration with ISO, CEN and CENELEC welcomed Dr. Zhang Xiaogang, ISO President, to the CEN-CENELEC Management Centre in Brussels on 10 June.

Dr. Xiaogang met with CEN and CENELEC staff including Elena Santiago Cid (Director General), and representatives of the Management Team to strengthen our cooperation with ISO.

The visit provided a valuable opportunity for Dr. Xiaogang to present his objectives as ISO President, as well as to gain further insight into ongoing and forthcoming activities of CEN and CENELEC across a wide range of areas and sectors including the impact and actions of the Joint Initiative, and research integration in the standardization process.

Dr. Xiaogang was elected ISO President for a three-year term which started on 1 January 2015.
CEN and CENELEC take centre stage at INNOPROM

The International Industry Trade Fair "INNOPROM-2016" was held on 11-14 July 2016 in Ekaterinburg, Russia. Among the speakers at INNOPROM-2016 were Vincent Laflèche, President Elect CEN and Elena Santiago Cid, Director General CEN and CENELEC. Elena Santiago Cid emphasised the support standardization brings to smart regulation and growth as well as the necessary elements for successful use of standards in support of smart regulation. Vincent Laflèche, in his first public intervention at an international event in his capacity as CEN President Elect, spoke of the increasing need for standards in an ever more connected world and the role standards play in enabling market innovation.

Both interventions highlighted the specificities and strengths of the European Standardization System, including the increasing recognition of standards as a way to support smart regulation which is supported by the Joint Initiative on Standardization and reflected by CEN and CENELEC’s involvement in the REFIT platform that supports the European Union’s Better Regulation agenda.

The contributions made by Elena Santiago Cid and Vincent Laflèche take place in the context of the cooperation between CEN, CENELEC and ROSSTANDART established in September 2013 when CEN, and CENELEC, and The Federal Agency on Technical Regulation and Metrology of Russia (ROSSTANDART) signed a Cooperation Agreement. This agreement provides a framework to facilitate the sharing of information, the transfer of technical knowledge and the exchange of best practices between Europe and Russia. Likewise, this agreement fostered their technical cooperation in the form of mutual observerships in Technical Committees (TCs) with Russian observers in six CEN and CENELEC TCs to date.

European Standards in support of child safety

From 23-30 June 2016, CEN and CENELEC partnered with the OECD and the European Commission in “Global Awareness-raising Campaign on Window Covering Cord Safety”.

The campaign aimed at informing parents and caregivers about possible hazards associated with corded window coverings and also encouraged preventive actions in homes where young children live or visit. Due to the involvement of 23 regulators from 5 continents and 22 countries, this coordinated global action was able to achieve high visibility worldwide. Participants endeavoured to present a unified message through an increased social media presence using the shared hashtags #SafeCurtains and #SafeWindowCoverings.

CEN and CENELEC’s participation was particularly important given our standardization work which addresses strangulation hazards posed to children by loosely hanging cords. More specifically, the CEN Technical Committee CEN/TC 33/ WG 3 – Blinds and Shutters has developed European Standards specifying requirements for window blinds.
oneM2M welcomes CEN and CENELEC as new partners

On 14 June, CEN and CENELEC became the latest partners to join oneM2M, the global standards initiative for Machine-to-Machine (M2M) and the Internet of Things (IoT). By joining oneM2M, we can now ensure that industrial users of IoT technologies will be able to provide direct input into the development of standards for the sector, and contribute to promoting oneM2M to industries including telematics and intelligent transportation, healthcare, utilities, industrial automation, and smart homes.

As contributing “Type 2” partners, CEN and CENELEC will both be able to influence oneM2M specifications and help in raising industry awareness of oneM2M activities. The inclusion of both organisations into oneM2M’s standards development process is highly significant and will further extend oneM2M’s European presence, reaching industries using the IoT, and driving forward interoperable solutions for the IoT market.

Friedrich Smaxwil, CEN President, said, “CEN is very pleased to become a partner of oneM2M, and we look forward to collaborating with all the members and partners of this initiative to develop state-of-the-art standards. Increasingly, digital technologies are being integrated into products and services in sectors where CEN and its members have been active for many years – from energy and transport to healthcare and security services. We look forward to using this knowledge and expertise to contribute to the development of standards in the fields of Machine-to-Machine (M2M) and the Internet of Things (IoT).”

Bernhard Thies, CENELEC President said, “Becoming a partner of oneM2M offers exciting opportunities for CENELEC and its members, because we can cooperate with stakeholders from around the world and keep up-to-date with all the latest technologies and innovations in the fields of Machine-to-Machine (M2M) and the Internet of Things (IoT). So we look forward to getting involved in the oneM2M initiative, while at the same time continuing to develop our cooperation with the other European Standardization Organizations (CEN and ETSI) and our collaboration with the International Electrotechnical Commission (IEC).”

About oneM2M
oneM2M is the global standards initiative that covers requirements, architecture, API specifications, security solutions and interoperability for Machine-to-Machine and IoT technologies. oneM2M was formed in 2012 and consists of eight of the world’s preeminent ICT standards development organizations: ARIB (Japan), ATIS (North America), CCSA (China), ETSI (Europe), TIA (North America), TSDSI (India), TTA (Korea), and TTC (Japan), together with seven industry fora, consortia or standards bodies (Broadband Forum, CEN, CENELEC, GlobalPlatform, HGI, Next Generation M2M Consortium, OMA) and over 200 member organizations. oneM2M specifications provide a framework to support applications and services such as the smart grid, connected car, home automation, public safety, and health. oneM2M actively encourages industry associations and forums with specific application requirements to participate in oneM2M, in order to ensure that the solutions developed support their specific needs. For more information, including how to join and participate in oneM2M, see: www.onem2m.org.
'10-10 webinars' for Technical Body Officers

'10-10 webinars' provide opportunities for Technical Body Officers and staff of CEN and CENELEC's National Members to learn about various topics related to the European Standardization System. These webinars are normally held on the 10th of each month, starting at 10:00 (CET). Participants are invited to interact and submit questions in writing – both during and after each presentation.

Upcoming webinars will address the following topics: The relationship between standards and regulations (9 October); CEN-ISO cooperation and CENELEC-IEC cooperation (10 November); and the adoption of EN standards by non-European countries (10 December).

For more information, please visit CEN-CENELEC website or contact: 10-10webinars@cencenelec.eu

Webinars for Standard Drafters

Standards Drafters went back to school this September with ‘Improvements to the Enquiry & Formal Vote Procedure AND The finalization stage of European Standards’ on 23 September in line with improvements implemented on 1 July 2016. This will be followed by the last two in the 6-part series ‘Drawings, formulae and tables’ on 27 October and ‘Referring to Patent Rights, Annexes and Bibliography’ on 1 December. All webinars are held from 14:00 - 14:30 (CET).

The objective of these webinars is to work towards a common understanding of the drafting rules and related procedures. They also provide opportunities to improve mutual understanding and strengthen cooperation between Editors in the CCMC Publications Unit and Secretaries of Technical Bodies. Each webinar lasts around 30 minutes and concludes with an interactive Q&A session. Past webinars are available online.

For more information, please visit http://www.cencenelec.eu/aboutus/ourservices/Training/webinarstddrafters/Pages/default.aspx
### New CEN Liaison Organizations

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<tr>
<th>Name of organization</th>
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<tr>
<td>ACORD Association for Cooperative Operations Research and Development</td>
<td>2016-05-30</td>
<td>CEN/TC 445</td>
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<tr>
<td>ECP European Concrete Platform</td>
<td>2016-08-26</td>
<td>CEN/TC 250</td>
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<tr>
<td>EFFS European Federation of Funeral Services</td>
<td>2016-06-10</td>
<td>CEN/TC 448</td>
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<tr>
<td>ESA European Sealing Association</td>
<td>2016-08-26</td>
<td>CEN/TC 164</td>
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<tr>
<td>EuCIA Association of the European Composites Industry</td>
<td>2016-08-26</td>
<td>CEN/TC 250</td>
</tr>
<tr>
<td>HECTOS Project Harmonised Evaluation, Certification and Testing of Security Products to be confirmed</td>
<td>2016-08-26</td>
<td>CEN/TC 391</td>
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<tr>
<td>PRE Plastic Recyclers Europe</td>
<td>2016-07-18</td>
<td>CEN/TC 249</td>
</tr>
<tr>
<td>WBT World Association of manufacturers of bottles and teats</td>
<td>2016-05-30</td>
<td>CEN/TC 252</td>
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For more information, please see: [www.cen.eu/about/community](http://www.cen.eu/about/community)

### New CENELEC Liaison Organization

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<tr>
<td>EUROBAT Association of European Automotive and Industrial Battery Manufacturers</td>
<td>2016-06-10</td>
<td>CLC/TC 69X</td>
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<tr>
<td>EPSMA European Power Supply Manufacturers’ Association EEIG</td>
<td>2016-06-20</td>
<td>CLC/TC 22X</td>
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<tr>
<td>ETICS Note European Testing Inspection and Certification System</td>
<td>2016-06-15</td>
<td>CLC/TC 20, 342, 61</td>
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For more information, please see: [www.cenelec.eu/go/community](http://www.cenelec.eu/go/community)

*Note: ETICS had already the status of CENELEC Liaison Organization under the name of EEPCA since 2014-09-26.*
EVENTS

Upcoming events organized by CEN and CENELEC

- 13 October 2016  Insights of the European Commission: the Joint Initiative on Standardization, Frankfurt am Main
- 14 October 2016  World Standards Day TweetChat ‘Standards build trust’
- 26 October 2016  The evolving role of ‘standards for services’ – stakeholders engagement workshop (Brussels, Belgium)
- 27 October 2016  13th CEN and CENELEC PR Roundtable, hosted by NEN (Delft, The Netherlands) - Yearly meeting of the PR and Communication Directors and Managers of the CEN and CENELEC Members and Affiliates, ETSI, IEC and ISO (Brussels, Belgium)

More events to come in 2016:

Standards boost innovation - Opportunities to engage with research activities for CEN and CENELEC Members (Brussels, CEN-CENELEC Management Centre)
CEN and CENELEC at the World Smart City Forum and SDOs meeting in Singapore

On 13 July 2016, CEN and CENELEC took part in the first World Smart City Forum and Standards Developing Organizations (SDOs) held in Singapore and organised by the IEC (International Electrotechnical Commission), in partnership with ISO (International Organization for Standardization) and ITU (International Telecommunication Union). During the forum, IEC sought to facilitate a broader collaboration between Standards Developing Organizations, and CEN, CENELEC and ETSI, all of whom work together to ensure that Smart Cities become a reality.

The World Smart City Forum called for enhanced standardization of services and technologies as well as the organisations and entities involved in smart city development to work together more closely.

Today, much of the infrastructure and systems in cities are installed or provided by different suppliers and maintained by different agencies. Often these diverse structures work independently from one another, creating a major drawback for the growth of Smart Cities. This is where standards bodies, including the IEC, ISO, ITU, IEEE, CEN-CENELEC, and ETSI, can play an important role by providing solutions through standardized interfaces that guarantee an expected performance level and compatibility between technologies.

These topics were highlighted during the two-day event which began with a focus on major concerns facing city structures including energy, water, cybersecurity and privacy, and transportation and mobility, all of which hinder the rapid development of Smarter Cities. Participants acknowledged the need for cities to make better use of resources and to be more efficient. In this respect, major gains can be made by horizontal interconnection of individual systems such as energy, water, waste, transport and security. Although policy, regulation and citizen involvement remain an important factor in the shift towards smarter cities, standardization will also play a key role in ensuring consistent outcomes while also connecting the physical and the digital world.

On 14 July, following the Forum, representatives of IEC, ISO, ITU, IEEE, CEN-CENELEC and ETSI gathered for a first time meeting initiated by IEC. The aim was to determine how to accelerate and better align Smart City standardization work.

Dr Bernhard Thiess, President CENELEC, one of the three European Standardization Organizations (ESOs) responsible for developing and defining standards at European level, recalled the role of CENELEC in supporting the sustainable and smart

“Standards can be relevant tools in helping cities, industries, service providers and citizens meet EU energy and climate goals, and smart energy is just one of the ‘building blocks’ for the development of smart cities. Because of the complexity of smart cities, a collaborative effort is needed for greater simplicity and to clearly map all relevant standards, to identify and address standardization gaps. The challenges of technology integration will demand broad cooperation via a systems approach. In order to create a ‘smart city architecture model’ for enhancing integration, we can take inspiration from existing work on smart grids and industry 4.0.”

Dr Bernhard Thiess, CENELEC President
evolution of urban living while keeping pace with changes brought by the digitalisation of technologies. He also underlined CENELEC’s work in promoting the harmonization of the European Single Market. A CEN-CENELEC-ETSI Smart and Sustainable Cities and Communities Coordination Group is coordinating the activities at ESOs level.

CENELEC (and CEN) welcomed the opportunity to strengthen collaboration in this field and to support a common and consistent approach for innovative urban transformation, together with other standardization organizations as well as international fora and consortia. Over the coming months the SDOs/ESOs will work together to develop a viable cooperation framework in order to optimize outcomes, and reduce duplication and inefficiencies. What has become apparent in discussions concerning Smart City development is that no single standards organization is able to provide everything cities need, making wide-ranging collaboration necessary. In this respect and given the positive results in Singapore, ISO will organize a follow-up meeting in 2017.

Monica Ibido
Programme Manager
Sustainability and Services
CEN publishes CWA 17047:2016 on ‘Comminuted and fragmented poultry meat - Quantification of muscle fibre structure degradation’

Comminuted or mechanically separated meat (MSM), is a paste-like meat product produced by forcing pureed meat, under high pressure through an instrument with a meshed or perforated bottom such as a sieve, to separate the bone from the edible meat tissue. This paste includes bone, bone marrow, skin, nerves, blood vessels, and the scraps of meat remaining on the bones differentiating it from minced meat which is simply meat that has been passed through a mincing machine to break it down into smaller pieces.

Due to high demand for mechanically separated meat (MSM), and since no European Standards exist to determine the degradation level of muscle fibre structure, CEN has published a Workshop Agreement having for objective the creation of a new measurement method.

According to European legislation, mechanically separated meat (MSM) is not considered as meat. However, if MSM is found in consumer food products, it should be mentioned specifically in the list of ingredients.

The absence of a standardization method to calculate loss or modification of muscle fibre structure means that often MSM is not considered as meat thus decreasing product availability to consumers. In other cases MSM and minced meat are not considered as distinct products, meaning that consumers may inadvertently substitute one product with the other.

In order to address this discrepancy, the Workshop Agreement CWA 17047:2016 ‘Comminuted and fragmented poultry meat - Quantification of muscle fibre structure degradation’ was developed by CEN and with 15 partners from industry including machinery manufacturers, political and consumer organisations. Through this agreement CEN aims to level out the situation by providing the European meat production market with a useful scientific quality measurement method.

This agreement describes a method that can be used to determine the degradation of muscle fibre structure tissue in comminuted and/or fragmented poultry meat using immuno-histochemical stainings of the sections in combination with image analysis. The muscle fibre structure degradation of the meat is quantified by computer analysis of images of sample sections immunostained for laminin and myosin proteins.

The results found in this agreement are part of the EU project entitled ‘MACSYS - Development of an objective method to perform quality classification of comminuted poultry meat’. The project funding is from the European Union’s Seventh Framework Program managed by REA-Research Executive Agency, http://ec.europa.eu/research/rea ([FP7/2007-2013] under grant agreement SME- SME-2013-1-605621.

Jacopo Troise
Programme Manager - Sustainability & Services- Standards
New CEN Technical Committee on patient centred care

Patients increasingly want to play an active role in their care and in protecting their health. You may have heard the term ‘person-centred care’ described as ‘patient-centred care’ or ‘client-centred care’, a concept that focuses on shared decision making of both the patient and physician in the healthcare process.

To this end, a new CEN Technical Committee, CEN/TC 450, will develop a European standard setting minimum requirements for patient involvement in health care services.

On 16 June, the CEN Technical Board agreed to create a new CEN Technical Committee, CEN/TC 450 ‘Minimum requirements of patient involvement in health care’. One or more European Standards are to be developed by this TC, and will aim at establishing minimum requirements for creating a favourable environment for person-centred care while guaranteeing the benefits and safety of healthcare through the initiation and development of partnerships between patients, patients’ families and healthcare professionals.

Evidence suggests that when the patient is involved as an equal in their care, and if a framed person-centred approach remains consistent throughout the care period, results and costs benefits can lead to increased efficiency, quality and satisfaction.

The first meeting of the new Technical Committee is expected to take place in November 2016, the secretariat of which is held by the Swedish Standards Body (SIS).

Maitane Olabarria Uzquiano
Programme Manager - Sustainability & Services - Standards

New standardization request on postal services

In less than a generation, we’ve seen the Internet change not only how we communicate with each other on a daily basis but on how we shop and do business. For the postal sector this means a shift from letters to parcels.

The objective of the EU postal policy is to complete the internal market for postal services and to ensure that efficient, reliable and good-quality postal services are available throughout the EU to all its consumers at affordable prices. Accordingly, CEN has received a new standardization request on postal services, M/548, from the European Commission to develop standards supporting the quality and interoperability of parcel-delivery operations and the development of digital postal services.

CEN has accepted this new request, allocating the work to CEN/TC 331 ‘Postal Services’, the secretariat of which is held by the National Standards Institute of the Netherlands (NEN).

The standards and other documents to be developed under the request will support the European Commission roadmap for completing the Single Market for parcel delivery (COM (2013)886) and the creation of a Digital Single Market for the European Union. Topics covered by the request include measurement of the quality of postal services, interoperability of postal operations, digital postal services and labelling and the exchange of data. In terms of digitization, CEN will develop standards compliant with security and customs requirements for electronic advanced data and to promote interoperability of parcel-delivery operations.

The vast majority of the requested work is expected to be completed by 1 August 2020.

Maitane Olabarria Uzquiano
Programme Manager - Sustainability & Services - Standards
Smouldering in the face of flames, a new EN putting it to the test

A new European Standard will determine a building product’s propensity to undergo continuous smouldering without catching fire.

CEN has approved a new European Standard (EN 16733:2016) on a test method aimed at determining the tendency building products have to smoulder, greatly diminishing safety risks for building inhabitants in the case of fire.

This EN was developed, following the introduction of legal requirements in Germany, through active involvement of construction products manufacturers, laboratories and other relevant stakeholders. It specifies a test method to determine the tendency a building product has to smoulder continuously when exposed to an open flame under the influence of natural convective airflow where motion is not caused by an external source such as a pump or fan.

The European Standard on ‘Reaction to fire tests for building products - Determination of a building product’s propensity to undergo continuous smouldering ’ (EN 16733:2016) was developed by CEN’s Technical Committee on ‘Fire safety in buildings ’ (CEN/TC 127), the secretariat of which is held by the British Standards Institution (BSI).


The main purpose of this EN is intended for all building products classified according to EN 13501 1 ‘Fire classification of construction products and building elements’. Details on how the products are mounted and fixed for this test are provided in the relevant product standards where the field of application for test results are also defined. Manufacturers will now be able to assess the performance of this characteristic (smouldering) and will enable its progressive integration in the existing standards for various construction products.

This test method serves as a good example of horizontal test methods and will be transferred to other product standards, such as those for thermal insulating materials and may prove applicable in gypsum products and suspended ceilings as well.

As of May 2016, this standard was made available to 33 National Standards Bodies - Members of CEN – for implementation by January 2017.

For more information, please see the CEN website: www.cen.eu/work/areas/construction/products.

Gonçalo Ascensão
Programme Manager
Industry & Infrastructure
Out with the old LVD, in with the new!


As it is crucial to ensure that all CENELEC Technical Bodies developing standards supporting the new LVD align their practices with the new directive, a one-day workshop was organized on 6 July 2016 in Brussels.

Over 35 experts attended the workshop convened by Kevin Behnisch, Head of International Cooperation, DKE and Acting Secretary of the CENELEC group ‘Alignment of the Low Voltage Directive under the New Legislative Framework’. Also participating was Maria Victoria Piedrafita Carnicer, LVD Policy Officer, DG Grow, who took the opportunity to emphasize key features of the new LVD, highlighting the link with the EC Vademecum on European Standardisation in support of Union Legislation and Policies.

The afternoon session was pivotal in reinforcing the common goals of the New Approach Consultants and CENELEC experts. These consultants support and assist our experts throughout the development and approval of standards by providing necessary information relative to specific pieces of European legislation (called New Approach Directives) and its corresponding essential requirements or safety objectives.

A major outcome expressed by participants was the importance these workshops hold in bridging the expectations of the European Commission in terms of alignment of standards towards the European legislation and the technical features faced by CENELEC experts when developing standards.

The workshop was also an opportunity for experts participating in Technical Bodies to gain insight on the CENELEC Guide 32 ‘Guidelines for Safety Related Risk Assessment and Risk Reduction for Low Voltage Equipment’. This guide establishes guidelines useful in reaching safety for low voltage equipment by combining knowledge and experience of the design, use, incidents, accidents and harm related to low voltage equipment.

Changes introduced by the new LVD

One of the main changes introduced by the new LVD states that standards listed in the Official Journal of the European Union (OJEU) give manufacturers the presumption of conformity to the LVD Safety Objectives. These changes mean that CENELEC Technical Committees need to adapt when dealing with standards development in support of the new Low Voltage Directive (e.g. drafting a specific annex to standards, etc), whether they are homegrown, developed at European level only, or adopted from our international counterpart IEC (International Electrotechnical Commission). Likewise, the new LVD clearly frames the development and the provision of harmonized standards to the European Commission under the Standardization Request M/511 while the ‘old’ LVD does not require a request from the European Commission for standards to be considered harmonized standards.

Should you have any questions or require further information, please contact: Catherine Vigneron Programme Manager Industry & Infrastructure - Standards
CEN/TC 438 ‘Additive Manufacturing’ at the 17th AM Platform

On 25 May 2016 in Brussels, the 17th Additive Manufacturing (AM) Platform met to share insights on trends, developments and challenges in the sector.

The CEN Technical Committee CEN/TC 438 ‘Additive Manufacturing’, who works closely with the AM Platform, was present at this meeting where the Chair of CEN/TC 438, Eric Baustert from VOLUM-e and the Secretary, Olivier Coissac from UNM presented current standardization activities on additive manufacturing within CEN/TC 438 and ISO/TC 261.

In keeping with the alignment of international standards with European Standards, four published ISO standards are being integrated into the CEN portfolio, with the goal to have a consistent set of standards worldwide. Concerning ongoing work in ISO, CEN will decide on a case by case basis which standards to implement. One specificity: current ISO activity is common with ASTM and the work is done in joint working groups.

Martin Schaefer, Chair of the Platform, addressed results of new technologies, such as the internet, revolutionizing the business world while creating major challenges for manufacturing companies. Further issues and topics included material development and increased productivity, cost of materials and improved quality.

One important objective of the CEN/TC 438 business plan is to foster relations with European research programmes such as the FoFAM project, a current AM research programme. The FoFAM project ‘Industrial and regional valorization of FoF Additive Manufacturing projects’ (now replaced by AM-Motion) is of specific importance to the standardization process with CEN/TC 438 recently signing an agreement with the FoFAM project. Begun in 2015, the project tackles the clustering of developments on AM technologies and associated regimes through a strategy ensuring AM industrial deployment via the creation of three tools:

1. An AM roadmap in four market sectors - Medical, Aeronautics, Automotive, and Consumer Goods. This roadmap reflects opportunities and market trends identified in combination with the AM related technology capabilities and enablers localized within the projects and European regions. It will allow the identification of gaps and extract strategic actions both at technological and non-technological level (i.e standardization) throughout the value chain.


3. The AM database referencing research projects, regions and players in AM which will facilitate the consultation and updating of existing projects. This database already contains 19 projects.

The AM database developed by FoFAM could be an ideal tool for CEN/TC 438 to identify research programme deliverables which could eventually be developed into standards. The next meeting of CEN/TC 438 is planned for 10 November 2016.

About the AM Platform
The AM Platform, created in 2006, is a community of European stakeholders interested in promoting additive manufacturing, also known as 3D printing, a topic of growing importance. Today, the 477 members of platform come from 29 countries and include 74% industry stakeholders.

For more information, visit http://www.rm-platform.com

Monica IBIDO
Programme Manager
Sustainability and Services

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EXTERNAL RELATIONS

Overcoming market access barriers in India and China

On 24 June 2016, CEN and CENELEC Members, European Partners, Trade Federations, and European companies joined to better understand how standardization systems in China and India contribute to increased business for European companies.

The workshop “How experts in China and India support European industry” was organized by the CEN-CENELEC Management Center (CCMC) in Brussels. During the workshop the participants, showed a strong interest in the Seconded European Standardization Expert in China (SESEC) and the Seconded European Standardization Expert in India (SESEI) projects which CEN and CENELEC are involved in.

Our experts, Dr Betty Xu, (SESEC), and Dinesh Chand Sharma, (SESEI), presented fresh developments in the Chinese and Indian standardization landscapes, giving an overview of SESEC and SESEI activities and the support they provide to European interests in India and China while also highlighting the added-value these projects make to European industry.

Likewise, the experts benefitted from this exchange to identify European industry expectations concerning standards and market access related issues that the SESEC and SESEI projects could further or better address.

Both SESEC and SESEI are consolidating data on the latest developments in standardization-related policies and on a set of technical priority sectors in China and India. These deliverables can be found in SESEC and SESEI newsletters and thematic reports, providing valuable information to European industry interested in China and India. To this end, CEN and CENELEC are exploring methods to reach new stakeholders, and intend to create communities of interest through social media channels, providing direct access to the SESEC and SESEI deliverables. Additionally, group members will have the opportunity to share their comments, interact with their industry counterparts worldwide, helping CEN and CENELEC to better integrate and address their priorities in SESEC and SESEI steering committees.

A general request from workshop participants was for the organization of similar events as well as webinars on targeted topics. A suggestion directly taken on board by Dr Betty Xu, SESEC expert who organized a webinar on the Electrical installations rules in China 27 September 2016.

This webinar offered an overview of standardization-related policy and recent technical developments in China. Open to all interested stakeholders desiring fresh insights from our expert in China, participants had the opportunity to address specific questions or concerns.

For more information visit http://www.sesec.eu/sesec-webinar-on-china-electrical-installation-rules/

Ms Alexandra RENTEAl, Administrator, International Cooperation
Reinforcing European presence in Africa

The European Union is Africa’s biggest trading partner with EU-Africa Trade growing by more than 50% since 2007. Clearly, this is an opportunity for Europe to support trade partners and to reinforce European presence on the African continent, providing market access opportunities for European industry and SMEs.

In June 2015, the African Union (AU) announced the start of negotiations aimed at developing a Continental Free Trade Area (CFTA) estimated to be effective as of 2017. The CFTA will pave the way for a single continental African market for goods and services, with free movement of business, persons and investments while expanding trade inside and outside of Africa.

Standards enabling regional integration in Africa
During the Africa Standardisation Organisation (ARSO) General Assembly, 21-25 June 2016 in Tanzania, the role of standards to enable regional integration and a potential CFTA was a focal point at the event. It is believed that a robust, continental-market integration would serve to empower Africa on a global level.

The African Electrotechnical Standardization Commission (AFSEC) representatives passed the same message during their meeting with CENELEC in the framework of CEN and CENELEC General Assemblies on 7-8 June 2016, Skopje. Furthermore, AFSEC insisted on the need for capacity building in sectors such as smart grids and solar energy, and for the development of an African Quality Infrastructure.

CEN and CENELEC have a long-standing cooperation and Memoranda of Understanding with ARSO and AFSEC, supporting their efforts to achieve a higher degree of regional integration, strengthen their capacity building and reach greater technical harmonization.

To attain these objectives, CEN and CENELEC are developing an over-arching pan-African strategy which includes promoting the values and benefits the European standardization model brings and the role it plays in achieving market harmonization integration policies and legislation. This strategy will also focus on enabling technology and knowledge transfer from Europe to Africa in view of developing, in a sustainable manner, a much-needed critical infrastructure, including electricity, road, rail, and communication.

Africa and Action 13 of the JIS
CEN and CENELEC strategy in Africa is closely linked to Action 13 of the Joint Initiative on Standardization (JIS) aiming at fostering the competitiveness and international dimension of the European standardization model. To this end CEN, CENELEC, the European Commission joined by a broad range of stakeholders will combine forces to support Africa’s objective to create a regional free trade area.

To further collaboration, a stakeholder roundtable, organized by CEN and CENELEC with African regional partners ARSO and AFSEC, is foreseen later this year. This event will bring together stakeholders (regulators, standards bodies, industry representatives and potential donors) in Africa and Europe. Its objective is to assess needs in Africa and explore the best approach to address them for the benefit of both sides.

Mr Eric MARCHAND
Programme Manager,
International Cooperation
CENELEC and AFSEC partnership goes from strength to strength

On 25 October 2011 in Melbourne Australia CENELEC and AFSEC signed a Memorandum of Understanding to strengthen their cooperation in the field of standardization and all matters relating to electrotechnical standardization, including trade facilitation and the interconnection of electrical networks in Europe and Africa.

How can the CENELEC-AFSEC partnership support the African Union endeavour to develop a Continental Free Trade Area by 2017?

AFSEC operates in electrotechnical engineering, standardization and assessment of conformity in Africa, as does CEN and CENELEC. This is an important point because this enables us to be stakeholders in free trade negotiations. During a series of workshops, we have focused on this topic with other standardization bodies present on the continent in order to harmonize our collective approach, we have even drafted a document based on our free trade outlook.

The interconnection of power grids, communications networks, railways, roads etc. are only possible if standards are harmonized. Furthermore, conformity assessment of equipment is another method which ensures good quality of the equipment in Africa and, above all, is in accordance with safety standards in regards to African society.

Another significant component is the development of everything related to smart grids and that really accentuates the introduction of standards use to the African power system, especially for the development of electrical applications, reinforcing AFSEC’s contribution to foreign trade.

What benefits does a strategic partnership AFSEC and CENELEC bring?

Firstly, both CEN and CENELEC are much more established than our organization.

Another highly visible element is CENELEC’s participation in founding AFSEC. From the beginning, CENELEC has been present in AFSEC activities, starting with the original working group set up by the African Union with CENELEC as a member. In addition, we signed a cooperation agreement with CENELEC to increase exchange of information between AFSEC and CENELEC. This partnership also includes a work programme outlining future collaboration on standardization work.

To summarize: the benefits are, foremost, the valuable experience Europe brings with a recognised tradition of consensus reaching, something quite important. We can benefit from the assistance and expertise European experts add to capacity building activities for our members in different sectors, especially in new technologies where a significant contribution is needed. Then, there is also important work to do in relation to sharing ideas for building quality infrastructure on the African continent.

A final and very important element is the support provided by CEN and CENELEC, particularly when we have links with development partners such as the European Union. They really offer us the support we need in our joint actions and provide the necessary resources to do an effective job in this area.

What contribution can you bring us? What can we learn from you?

In terms of cooperation we are young, but with that comes enthusiasm, we have the will to ensure that humanity continues to develop so will Africa. Africa is a haven for all the world and its needs represent a potential for cooperation and development. Today, the African continent is the continent which reflects the strongest economic growth,
facing its own challenges. There is a growing middle class and with this comes growing needs in terms of resources. Europe has a vital role to play in this and the standardization process as well as conformity assessment are essential elements. For example, to build an infrastructure, specifications must be drafted and if these specifications adhere to existing standards, we can access quality material and equipment that will facilitate Africa’s development, thus a good thing for humanity. So Africa needs Europe as much as Europe needs Africa. And we must not forget that we are neighbouring continents and that this proximity is fundamental to economic exchange between Africa and the European continent.

About AFSEC
The African Electrotechnical Standardization Commission, AFSEC, was inaugurated on 28 February 2008 as a result of a collaborative effort among stakeholders begun in 2005. AFSEC is officially recognized by the African Union (AU) member states for the promotion, development and application of harmonized standards in the field of electrotechnical standards.

Supporting the CEN and CENELEC Affiliates

The CEN and CENELEC Affiliates, organizations located in EU neighbouring countries, demonstrate a strong interest in adopting CEN and CENELEC European Standards to align their markets with the European Single Market. Due to the strategic importance of these countries, an already high alignment with CEN and CENELEC and a proven interest in contributing to European standardization work, CEN and CENELEC endeavour to organize trainings and events to better support their needs. To this end in Skopje, on 6 June 2016, Guðrún Rögnvaldardóttir, CEN Vice-President Technical represented CEN and CENELEC during a workshop on ‘Sustainability of National Standards Bodies’ organized by a regional technical assistance project managed by CEN on quality infrastructure in the Western Balkans.

The workshop addressed challenges NSBs in the region face to maintain their business models with participants exploring various solutions, including the possibility to develop certification services.

Another challenge faced by CEN and CENELEC Affiliates in the Balkans concerned the translation of European Standards into languages spoken in the region. This issue was discussed during the Balkan Standardization Conference on 14-15 June 2016 in Belgrade where Mr Wim De Kesel represented CEN and CENELEC in his capacity as CENELEC Vice-President Policy. An important decision at the outcome of the conference was that the NSBs of the region would collaborate on the development of a regional standards terminology database. With this objective in mind, the CEN managed regional technical assistance project on quality infrastructure in the Western Balkans will support this exercise.

Other subjects covered during this conference were the NSBs respective methods of interacting with authorities and issues faced regarding the implementation of the Construction Product Regulation.

Mrs Zhuohua CHEN
Programme Manager,
International Cooperation
Cooperate with CEN and CENELEC: Affiliate or CSB?

CEN and CENELEC recently revised their concept of cooperation with National Standards Bodies (NSBs/NC) offering more flexible and market-oriented solutions.

CEN and CENELEC propose the Affiliation status (CEN-CENELEC Guide 12 “The concept of Affiliation with CEN and CENELEC”) to the NSBs/NCs of the countries that are candidate or potential candidate to European Union membership and the Companion Standards Body (CSB) status (CEN-CENELEC Guide 13 “The concept of a Companion Standardization Body with CEN and CENELEC”) to any other NSBs/NCs that is not eligible to the status of CEN and/or CENELEC Member or Affiliate.

Benefits for both cooperation profiles include observer status in CEN and CENELEC Technical Committees where Affiliates and CSBs can influence the development of European Standards. They gain full access to the CEN and CENELEC tools and network and allow direct interaction with European standardization stakeholders.

Both the Affiliate and CSB statuses open the door to close cooperation with CEN and CENELEC and grant direct access to the CEN and CENELEC databases of standards. Likewise, they foster and enable the removal of technical barriers to trade and reinforce the level of technical harmonization with Europe.

Decide which benefits offered by the Affiliate and CSB status best fit your needs.

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