



CEN - European Committee for Standardization

CENELEC - European Committee for Electrotechnical Standardization

ETSI - European Telecommunications Standards Institute

EC - European Commission

EFTA - European Free Trade Association

In this Issue

1. [3rd Indo-European conference on standards and emerging technology](#)
2. [CEN and CENELEC Global Outreach report 2017](#)
3. [Commission publishes guidance on upcoming new data protection rules](#)
4. [ETSI releases standard on Pan-European Mobile Emergency Application](#)
5. [New framework of harmonized standards \(HAS\) consultants](#)
6. [ETSI Multi –access Edge computing keeps pace with 5G](#)
7. [The role of standards and EFC solutions in the transport sector](#)
8. [ETSI and OPNFV announce Co-Located testing and Interoperability events](#)
9. [Important contributions from CEN to safe internet](#)
10. [Commission welcomes ambitious agreement on first ever EU delegation to monitor and report CO2 emissions from heavy duty vehicles](#)
11. [CEN and CENELEC's focus group on 'Blockchain and DLT'](#)
12. [ERIDGIT 2 project successfully kicked-off in Berlin on 25 January](#)
13. [Guide 10 on "Policy on dissemination, sales and copyright of CEN-CENELEC publications" has been revised](#)



Greeting from SESEI

Dear Readers,

We are pleased to present our eighth edition of "Project SESEI Newsletter India" for our Indian stakeholders and community, bringing latest updates about the news and information around standards, policies, new initiatives and technologies from Europe around our Sectors covering ICT, Automotive, Electrical Equipment including Consumer Electronics and Smart Cities.

First, I would like to take this opportunity to invite you all to attend our [3rd Indo-European Dialogue on Standards and Emerging Technology](#) on 26th April 2018 at Hotel Lalit, New Delhi. This Conference will focus on the important areas of ICT covering M2M/IoT & its role in Smart Cities+Cyber Security, Automotive covering Electric mobility and Intelligent Transport System (ITS) and Smart Energy covering Smart Grid, Smart Meter, LVDC, Micro Grid etc. We invite you to come and join us for this conference and contribute towards strengthening the ongoing dialogue between India and Europe.

Data protection, cyber security & sustainable development are high on the European Commission's (EC) agenda. The EU General Data Protection Regulation (GDPR) replacing the Data Protection Directive 95/46/EC will become applicable across EU's member states uniformly from 25th May 2018. GDPR is designed to harmonize data privacy laws across Europe, to protect and empower all EU citizens data privacy and to reshape the way organizations across the region approach data privacy. A cybersecurity package with new initiatives was adopted by the Commission in Sept 2017 to further improve EU cyber resilience, deterrence and defence. European Union Agency for Network Information Security (ENISA) is strengthened further to play a key role in the EU's cybersecurity landscape. Recently, CEN, CENELEC and ETSI, together with ENISA, organized a joint conference to discuss and provide key recommendations and inputs to make the proposed regulation more effective and comprehensive. CEN and CENELEC are also addressing cybersecurity through the CEN-CLC/JTC 13 'Cybersecurity and data protection' that is exploring adoption of ISO/IEC/JTC1 standards at European level – possibly completed with TSs and/or TRs for the European implementation of these international standards (ISO/IEC 27000 series). European Commission is fully committed towards implementation of [2030 Agenda for Sustainable Development](#) and the [Paris Agreement](#). Significant progress has been achieved and the EU is showing the world, the way to sustainable urban development with the ongoing implementation of its [Urban Agenda for the EU](#). Recently, Commission also arrived at an agreement for monitoring and reporting

14. [Sustainable urban development](#)
15. [Key recommendations for an effective European Approach to cybersecurity certification](#)
16. [Artificial Intelligence: Commission kick off work on technology & ethical Standards](#)
17. [ETSI's new Zero touch network and service Management group starts work](#)
18. [White Papers/Publications](#)
19. [Events Calendar 2018](#)
20. [About Project SESEI](#)

CO2 emissions and fuel consumption data from new heavy-duty vehicles (HDVs), i.e. lorries, buses and coaches. This is the first ever EU legislation focusing on the CO2 emissions from these vehicles. European Commission have constituted group on Artificial intelligence (AI). This expert group will draw up a proposal for guidelines on AI ethics, building on today's statement by the European Group on Ethics in Science and New Technologies.

CEN and CENELEC have been working in the development of standards for an Electronic Fee Collection (EFC) system. Electronic Fee Collection (EFC) is an overall notion that is used to designate ICT solutions that will automatically, and without stopping, collect road user charges. EFC help in regulating Pollution and carbon dioxide emissions, as well as traffic congestion. To Bridge the Gap between the Research, Innovation and Standardization Communities" and for timely inclusion of research results in standardization activities, CEN and CENELEC have started BRIDGIT 2 to fully engage the research and innovation community with standardization. CEN CENELEC has also published its outreach report for 2017 providing summary of its key achievements, evolution and trends of the CEN and CENELEC activities.

At ETSI, its new Zero touch network and Service Management Industry Specification Group (ZSM ISG) held its first meeting. Multi-access Edge computing (MEC) is one of the innovative technologies for 5G networks while being essential for the smooth transition from 4G networks to the new generation. ETSI's Multi-access Edge Computing (ETSI MEC ISG) group released two white papers entitled "[Cloud RAN and MEC: a perfect pairing](#)" and "[MEC deployments in 4G and evolution towards 5G](#)". Also, ETSI's special committee on Emergency Communications (EMTEL) have released technical specifications for the Pan-European Mobile Emergency Applications.

As you may know In India also, we are currently looking at cyber security, data protection, sustainable development, reduction in emissions, etc. These similarities along with new and dynamic technological developments provide Project SESEI, with a great opportunity to bring India and Europe closer by using this platform for sharing of best practices. This newsletter is one such effort in the direction of knowledge sharing and learning.

The newsletter also covers details of events along with white papers and other publications.

We invite you to read our newsletter in detail, actively engage and provide us your valuable feedback and comments to help enhancing our efforts.

Dinesh Chand Sharma
(Seconded European Standardization Expert in India)
Director – Standards & Public Policy
Mobile: +91 9810079461, Desk: +91 11 3352 1525
Board: +91 11 3352 1500, Fax: +91 11 3352 1501
E-mail: dinesh.chand.sharma@sesei.eu

[Back to contents](#)

3rd Indo-European conference on standards and emerging technology

The Indo-European Conference on Standards & Emerging Technology will bring together Key Technical and Subject Matter experts from European and Indian Community for sharing and learning about Standardization and Emerging Technologies covering following topics:

- M2M/IoT & its role in Smart Cities and Cyber Security,
- Automotive covering Electric mobility and ITS
- Smart Energy covering Smart Grid, Smart Meter, LVDC, Micro Grid etc.

Three study reports on these topics will also be released and presented during the Conference, while covering updates on the latest global and Indian developments around Standardization, Related Policies & Legislations, Gaps and Challenges, Way Forward etc. These Gaps & Challenges will be discussed during the panel discussion and help defining the roadmap of cooperation in addressing them through further cooperation.

The Conference serves as an effective platform for showcasing and presenting the most up to date developments on standards, policies and legislation around emerging technologies. It is brought together by the European Standards Organisations (CEN, CENELEC, ETSI) along with European Commission (EC) and European Free Trade Association (EFTA) in the framework of its Project SESEI (Seconded European Standardization Expert in India) and in association with Confederation of Indian Industry (CII).

Please find more information and registration forms [here](#).

[Back to contents](#)

CEN and CENELEC Global Outreach report 2017

We are happy to share with you the 2017 CEN and CENELEC Global Outreach report! It provides a summary of the key achievements, evolution and trends of the CEN and CENELEC activities with various regional and national standardization organizations outside their membership, including strategic partnerships, technical cooperation and the dissemination of European Standards.

Notable development in 2017:

- At the end of 2017 most of the previous foreign partners have transferred to the new Affiliation and Companion Standardization Bodies (CSB) status of CEN and CENELEC, enjoying extended benefits including the possibility to participate in an unlimited number of CEN and CENELEC Technical Committees. At the end of 2017 CEN and CENELEC had three Affiliates, 15 CEN CSBs and 10 CENELEC CSBs. The remaining Affiliates are included in the “3rd country” category.
- CEN and CENELEC expanded their cooperation with other regions, agreeing Memoranda of Understanding with: Eurasian Economic Commission (EEC) and the South Asian Regional Standards Organization (SARSO), with the aim of fostering region to region cooperation and collaboration on areas of common interest.
- For the first time the Standardization Administration of the People's Republic of China (SAC) has notified the adoption of some 91 European standards in China. These adoptions further complement the activities undertaken under the CEN, CENELEC and SAC Cooperation Agreement, aiming to remove Technical Barriers to Trade between Europe and one of its most important trading partners.

- On a general note, in 2017 some 6112 European standards have been adopted around the world. Among the most active NSBs/NCs adopting European standards was INS (Moldova) who in 2017 notified the adoption of 3660 ENs, in total having adopted 70% CEN and CENELEC portfolio.

Please read [the full report](#) (pdf format) on the international cooperation section of our website.

[Read More](#)

[Back to contents](#)

Commission publishes guidance on upcoming new data protection rules

The Commission published guidance to facilitate a direct and smooth application of the new data protection rules across the EU as of 25 May. The Commission also launches a new online tool dedicated to SMEs. With just few weeks left before the application of the new law, the guidance outlines what the European Commission, national data protection authorities and national administrations should still do to bring the preparation to a successful completion.

While the new regulation provides for a single set of rules directly applicable in all Member States, it will still require significant adjustments in certain aspects, like amending existing laws by EU governments or setting up the European Data Protection Board by data protection authorities. The guidance recalls the main innovations, opportunities opened up by the new rules, takes stock of the preparatory work already undertaken and outlines the work still ahead of the European Commission, national data protection authorities and national administrations.

Andrus Ansip, European Commission Vice-President for the Digital Single Market, said: *"Our digital future can only be built on trust. Everyone's privacy has to be protected. Strengthened EU data protection rules will become a reality on 25 May. It is a major step forward and we are committed to making it a success for everyone."*

[Read More](#)

[Back to contents](#)

ETSI releases standard on Pan-European Mobile Emergency Application

ETSI has released the [Technical Specification TS 103 478](#). Developed by the ETSI special committee on Emergency Communications (EMTEL), the specification defines the requirements and architecture of Pan-European Mobile Emergency Applications (PEMEA). There are currently hundreds of 112 related emergency calling applications in use across Europe but they are restricted to the Public Safety Answering Point (PSAP) they are integrated with.

This new specification provides a solution that will enable emergency apps interoperability within Europe and beyond. If apps on smart phones, tablets or laptops have proliferated, many of them aim to supplement existing communications services, such as providing caller and location information for emergency calls, while others seek to provide alternative communication mechanisms such as total conversation and instant messaging for example.

This limitation prevents user's application operating in a region to deliver accurate location information to the PSAP serving their location. The aim of [ETSI TS 103 478](#) is to solve this problem.

Users will continue to use their favourite application while the accurate location and other information provided by the app will be sent to the most appropriate PSAP.

[Read More](#)

[Back to contents](#)

New framework of harmonized standards (HAS) consultants

Different stakeholders from the European standardization community gathered at the European Commission on 26 February for the launch event of the new system of harmonized standards (HAS) consultants that will become reality as from 1 April 2018. The aim of the new system is to improve the quality and the timely availability of safety standards for products being placed on the Single Market.

The new framework for the HAS consultants created by the European Commission is one of the elements of the Joint Action Plan which aims to decrease the stock of non-cited harmonized standards agreed between the European Standardization Organizations (ESOs) and the Commission. It will replace the current system of New Approach Consultants, for the joint assessment of harmonized standards in the sense of art. 10(5) of regulation EU/1025/2012.

The HAS consultants act as intermediaries between Technical Committees and the relevant Commission's services. More specifically, they will assess to what extent documents drafted by the ESOs comply with the European Commission's standardization requests, as well as to what extent they deal with (and support) relevant essential or other requirements set out by the related EU harmonization legislation.

Thus, the aim of this new framework is to reinforce the communication between the Commission and the consultants, bringing them closer to the EC and creating more coherency and transparency of the assessment process in the different sectors. All this in order to provide the best possible services for the CEN & CENELEC technical committees.

[Read More](#)

[Back to contents](#)

ETSI Multi-access Edge Computing keeps pace with 5G

ETSI's group on Multi-access Edge Computing (ETSI MEC ISG) is pleased to announce upcoming Hackathons and the release of two white papers entitled "[Cloud RAN and MEC: a perfect pairing](#)" and "[MEC deployments in 4G and evolution towards 5G](#)" respectively.

Multi-access Edge computing is one of the innovative technologies for 5G networks while being essential for the smooth transition from 4G networks to the new generation. Virtualization, now a full part of the ICT world, is a major driver to deploy generic computing at the edge of the network.

The Cloud RAN and MEC white paper addresses the benefits of, and challenges met by, a colocation between cloud radio access networks and multi-access edge computing. This paper provides readers with a first, high-level introduction to these issues and reaches the conclusion that C-RAN and MEC are highly complementary technologies.

The MEC deployments in 4G and evolution towards 5G white paper highlights several MEC deployment scenarios in 4G and demonstrates how multi-access edge computing will enable operators to make a smooth transition towards 5G services.

[Read more](#)

[Back to contents](#)

The role of Standards and EFC solutions in the transport sector

Charging drivers that use roads is a common practice in most European countries. This type of roads, highways or motorways are referred to as 'toll roads'. Pollution and carbon dioxide emissions, as well as traffic congestion are almost 'automatically' regulated by the existence of these toll roads. Also, the amount of money that governments need to invest or spend on road maintenance is reduced, since it's the road users themselves who end up paying for this. Nonetheless, there is still a need to have fair road pricing schemes in Europe as well as 'technical' solutions that collect those charges easily and securely.

Electronic Fee Collection (EFC) is an overall notion that is used to designate ICT solutions that automatically, and without stopping, collect road user charges. EFC systems allow not only effective charging of road vehicles but also supports a broad variety of pricing policies. There are three main technologies used in EFC today:

- Dedicated short-range communication (DSRC).
- Autonomous GNSS-based systems.
- Video-based charging (i.e. automatic number plate recognition).

CEN and CENELEC have been working in the development of standards for an Electronic Fee Collection (EFC) system. EFC standards provide solid technical support for agreements between stakeholders and hence form a foundation for the interoperability between existing Electronic Fee Collection systems.

[Read more](#)

[Back to contents](#)

ETSI and OPNFV announce Co-Located testing and interoperability Events

The third ETSI NFV PlugtestsTM event will be held between 29 May and 8 June 2018, and the OPNFV Fraser Plugfest will be held from 4 to 8 June. ETSI and OPNFV look forward to increasing collaboration across the standards and open source ecosystem by co-locating their testing activities. OPNFV is an open source project within The Linux Foundation that facilitates development and evolution of Network Functions Virtualization (NFV) components across various open source ecosystems through integration, deployment, and testing.

The third NFV Plugtests event will concentrate on building and demonstrating complex Network Services that combine virtual network functions from different VNF providers and developers, while testing interoperability with MANO solutions across different platforms and sites. It will also exercise advanced NFV features like network and service automation. The sessions will demonstrate how multivendor combinations of NFV components can address 5G, edge computing and zero-touch network and service management use cases, and will expand the scope of NFV API testing to help progress the work on NFV conformance testing. You can register via our [webpage](#).

Open source communities such as ETSI Open Source MANO, Open Baton, OpenStack and OPNFV are actively involved in the ETSI Plugtests' activities through their membership and implementations. Collaboration among standards organizations, open source communities, and testing events enable better cross-project communication and harmonization.

[Read More](#)

[Back to contents](#)

Important contributions from CEN to Safer Internet

The topic of a safer internet has been an important matter within CEN for many years now. In 2013, CEN/TC 365 on Internet filtering published a Technical Specification [CEN/TS 16080:2013](#) on the subject of "Internet Content and communications filtering software and services".

The objective of this Technical Specification was to define a set of criteria on how Web filters shall perform and that shall give Internet users more confidence in choosing a suitable product or service in order to help protect children online.

CEN and CENELEC are also addressing cybersecurity through the CEN-CLC/JTC 13 'Cybersecurity and data protection' that will adopt ISO/IEC/JTC 1 standards at European level – possibly completed with TSs and/or TRs for the European implementation of these international standards (ISO/IEC 27000 series). This TC is key in the context of the upcoming CyberAct to define IT security requirements. There is also CEN-CLC/JTC 8 privacy management in services and products, which evolves in the same context.

[Read more](#)

[Back to contents](#)

Commission welcomes ambitious agreement on first ever EU legislation to monitor and report CO2 emissions from heavy-duty vehicles

Representatives from the European Parliament and the Council reached a provisional agreement on the Regulation for monitoring and reporting CO2 emissions and fuel consumption data from new heavy-duty vehicles (HDVs), i.e. lorries, buses and coaches. This is the first ever EU legislation focusing on the CO2 emissions from these vehicles. The new rules are part of the EU's [Strategy on low-emission mobility](#) and [Communication on delivering on low-emission mobility](#) laying out actions for a fundamental modernisation of European mobility and transport. Accelerating the shift to clean and sustainable mobility is essential to improve the quality of life and health of citizens and contribute to the EU's climate objectives under the Paris Agreement.

The clean mobility transition offers major opportunities for the European economy and reinforces the EU's global leadership in clean vehicles. Monitoring and reporting CO2 emissions and fuel consumption of new heavy-duty vehicles will also increase transparency enabling transport operators to make well-informed purchasing decisions and save fuel costs. It will also drive innovation amongst European manufacturers.

[Read More](#)

[Back to contents](#)

CEN and CENELEC's Focus Group on 'Blockchain and DLT'

Both sharing data and managing transactions become more important nowadays. To accomplish these in a controlled manner, Blockchain and Distributed Ledger Technologies (DLT) are promising new developments in ICT. CEN and CENELEC have founded a new Focus Group on 'Blockchain and DLT'. The Focus Group advises on European technical requirements relating to Blockchain and DLT. The Group does not develop standards, international standardization being the most appropriate channel via notably, [ISO/TC 307](#).

The Focus Group will address the needs of European businesses with a particular focus on SMEs and will encourage further European participation in ISO/TC 307. It will also act as the focal point with the European Commission. More specifically, the objectives of the Focus Group, as announced last year, are to identify specific European needs with special attention given to interoperability challenges.

[Read more](#)

[Back to contents](#)

BRIDGIT 2 project successfully kicked-off in Berlin on 25 January

Among the ambitions of CEN and CENELEC for 2020 is that European standards makers will be closely cooperating with the research and development community, and that the timely inclusion of research results in standardization activities will become routine. This is why the “Bridge the Gap between the Research, Innovation and Standardization Communities” project, also known as “BRIDGIT 2” aims to engage fully the research and innovation community with standardization.

BRIDGIT 2 started in December 2017 and will end in 2019. It had its kick-off meeting in Berlin, hosted by DIN on 25 & 26 January 2018. Stakeholders of this project are national members of CEN and CENELEC as well as the research community, looking to maximise the economic and social benefit of new ideas and technologies.

[Read More](#)

[Back to contents](#)

Guide 10 on "Policy on dissemination, sales and copyright of CEN-CENELEC Publications" has been revised

Important amendments have been made to Guide 10 to address new challenges related to the digital economy and to clarify aspects related to the commercialization of CEN-CENELEC deliverables.

The main amendments concerned are:

- CEN and CENELEC's commercial approach towards CWAs in Research Projects and the ICT (Section 8).
- Review of the CEN-CENELEC Guides 12 and 13, and the new rights and obligations introduced for Affiliates and Companion Standardization Bodies (CSBs) with regards to access to the CEN-CENELEC deliverables (Section B.1).
- Dissemination of Final Drafts for Approval (Section 5.3.4).
- Clarification of the terms “national designation” and “national identifier” and their use in the national implementations (Sections 2.22, 2.23 and 5.3.6).

[Read more](#)

[Back to contents](#)

Sustainable urban development

Commission reports on progress under global commitments for sustainable urban development

15 months ago the EU and its partners put forward [three commitments](#) which contribute to the implementation of the [2030 Agenda for Sustainable Development](#) and the [Paris Agreement](#). They are part of the [New Urban Agenda](#), also presented 15 months ago. Each of these commitments has a specific scope, expected achievements and deliverables. At the World Urban Forum in Malaysia, the Commission takes stock of what was achieved under these three commitments.

Significant progress has been achieved under these [three commitments](#) since they were presented at the UN Habitat III conference in October 2016, in order to harness the power of rapid urbanisation. City-to-city cooperation is now flourishing across continents, important steps have been taken towards a single definition of cities at global level and the EU is showing the world the way to sustainable urban development with the ongoing implementation of its [Urban Agenda for the EU](#).

Concretely, 3 action plans out of 12 have already been drawn up under the [Urban Agenda for the EU](#), on urban poverty, the integration of migrants and air quality. They include policy recommendations, good practices and projects to be replicated across the EU and in the world. All the action plans are expected to be completed by end 2018.

Beyond the thematic action plans, the methodology of the Urban Agenda for the EU can inspire reforms in the way cities are governed across the globe; it puts an on an equal footing cities, businesses, NGOs and representatives from Member States and EU Institutions, for an integrated and balanced approach to sustainable urban development.

[Read More](#)

[Back to contents](#)

Key Recommendations for an effective European Approach to Cybersecurity Certification

CEN, CENELEC and ETSI, together with ENISA, organized a joint conference “Cybersecurity Act – Establishing the link between Standardization and Certification” which took place in Brussels on 13 February.

Dr Bernhard Thies (CENELEC President), Luis Jorge Romero (Director General of ETSI) and Steve Purser (Head of Core Operations at ENISA) welcomed more than 200 participants from industry, SMEs, consumer organizations, certification bodies, standardization organizations and policy makers.

The keynotes and intensive panel discussions with the audience addressed the following topics:

- How can the Cybersecurity Act increase confidence in ICT products and services in the European market?
- How can an EU certification framework be established? Which market perspectives are there for this?
- ICT standardization for products and services: What are the prospects for European and international standards through the European Cybersecurity Act?

There was agreement that certification schemes should be based on standards. The general message was not to reinvent the wheel. Indeed, European Standardization is a reliable platform to define the requirements for certification for all business sectors including ICT. A large number of standards are already available.

The European Standardization Organizations will adopt standardization deliverables in the field of cybersecurity and data protection already published by ISO, IEC, ITU-T, IEEE and by other Standardization development organizations, fora and consortia. The new CEN and CENELEC Joint Technical Committees on Cybersecurity and Data Protection (CEN/CLC/JTC13), and on Privacy Management in Privacy and Services (CEN/CLC/JTC 8) will develop CEN/CENELEC publications for safeguarding

information such as organizational frameworks, management systems, techniques, guidelines for products and services, including those in support of the EU Digital Single Market.

The presentations made at this conference are available in the [CEN and CENELEC website](#)

[Read More](#)

[Back to contents](#)

Artificial intelligence: Commission kicks off work on technology & ethical standards

The Commission is setting up a group on artificial intelligence to gather expert input and rally a broad alliance of diverse stakeholders. The expert group will also draw up a proposal for guidelines on AI ethics, building on today's statement by the European Group on Ethics in Science and New Technologies. From better healthcare to safer transport and more sustainable farming, artificial intelligence (AI) can bring major benefits to our society and economy. And yet, questions related to the impact of AI on the future of work and existing legislation are raised. This calls for a wide, open and inclusive discussion on how to use and develop artificial intelligence both successfully and ethically sound.

Commission Vice-President for the Digital Single Market Andrus Ansip said: *“Step by step, we are setting up the right environment for Europe to make the most of what artificial intelligence can offer. Data, supercomputers and bold investment are essential for developing artificial intelligence, along with a broad public discussion combined with the respect of ethical principles for its take-up. As always with the use of technologies, trust is a must.”*

[Read More](#)

[Back to contents](#)

ETSI's new Zero touch network and Service Management group starts work

ETSI's new Zero touch network and Service Management Industry Specification Group (ZSM ISG) has just ended its kick-off meeting that took place at ETSI on 10-12 January. Over 40 organizations have already joined the group, underlying the importance of this new activity for future network and service management. This first meeting provided the opportunity to elect a leadership team, start discussing the first topics to work on and initiate collaboration with other standards bodies, fora and open source communities.

One of the key achievements at this first meeting was the agreement on five working topics including the development of use cases, requirements, and reference architecture with an end-to-end view of a zero touch system as well as an analysis into areas such as automation techniques and the management of network slices.

Networks need to evolve towards programmable, software-driven, service-based and holistically-managed architectures, using technology enablers and catalysts such as NFV, SDN and MEC. New business models, including network slicing, will support new markets and impose unprecedented operational agility and higher cooperation across network domains.

[Read More](#)

[Back to contents](#)

White Papers/Publications

[ETSI released Whitepaper on MEC Deployments in 4G and Evolution Towards 5G](#)

Multi-access Edge computing is one of the innovative technologies for 5G networks while being essential for the smooth transition from 4G networks to the new generation. Virtualization, now a full part of the ICT world, is a major driver to deploy generic computing at the edge of the network. [Read more/Download](#)

[ETSI released white paper entitled “Cloud RAN and MEC: a perfect pairing”](#)

CRAN and MEC are highly complementary technologies. Collocating these helps make the economics of each of them significantly more attractive. Collocating CRAN and MEC also helps an MNO to support (and generate revenue from) some of the key 5G applications that it would not be able to support otherwise. [Read more/Download](#)

[ETSI released white paper on Microwave and Millimetre wave for 5G Transport](#)

For over 20 years, microwave has been the primary solution for the rapid and cost-effective roll-out of mobile backhaul infrastructure with over 50% of mobile sites worldwide today connected via Microwave (MW) or Millimetre Wave (mmW) radio links, up to over 90% in some networks. The evolution from 4G towards 5G presents significant challenges to all transport technologies and wireless ones make no exception. The purpose of this paper is to show how MW and mmW technologies are able to fulfil all 5G requirements, both at transport and at network (end to end) level. [Read more/Download](#)

[The CEN and CENELEC Global outreach report 2017](#)

It provides a summary of key achievements on CEN and CENELEC activities with regional and national standardization organizations outside their membership, including strategic partnerships, technical cooperation and the dissemination of European Standards. [Read more / Download](#)

[CEN and CENELEC published Position Paper on the ‘Cybersecurity Act’](#)

CEN and CENELEC published a [position paper](#) on 30 January (which included four recommendations) and with ETSI, they also proposed a set of key recommendations for an effective European approach to cybersecurity certification. [Read more](#)

[Standards Facts and Figures](#)

Standards Evolution and Forecast Information about the standards that have been published or will be published, under enquiry, withdrawn, undergoing a formal vote, new projects or work items that have been adopted.

CEN Standards [Access the list](#)

CENELEC Standards [Access the list](#)

CEN and CENELEC in figures

Statistical pack presenting the quarterly reporting on the outcomes of CEN and CENELEC activities. [Access the figures](#)

Events Calendar 2018

ETSI Summit: Releasing the Flow - Data Protection and Privacy in a Data-Driven Economy

ETSI, Sophia Antipolis, France, 19 April 2018

Data is said to be the most valuable asset in the digital economy. Europe adopts an ambitious set of rules to deal with the circulation and protection of data, both private and business related.

Get a grasp of the policy and legislative landscape around data flow in EU and beyond. Discuss the interplay of data with regulation, legislation, technologies and standards. Hear viewpoints and debate with experts coming from different points of the ecosystem. Come to the ETSI Summit on 19 April 2018. [Read more...](#)

3rd NFV PLUGTESTS

ETSI Premises, Sophia Antipolis, France, 29 MAY - 8 JUNE 2018

ETSI's Centre for Testing and Interoperability is organizing the 3rd NFV Plugtests™ event on 29 May to 8 June 2018. The event will be co-located with the OPNFV Plugfest from 4 to 8 June 2018 and take place in ETSI's headquarters in Sophia Antipolis, France. [Read more...](#)

The ETSI Seminar

Sophia Antipolis, France, 25-26 June 2018

The ETSI Seminar is run twice a year (June and December), to provide an intensive course on ETSI, its organization, structure, ways of working and related subjects. It is targeted at those who are new to ETSI or those who need to develop a deeper understanding of how to work effectively in ETSI. [Read more...](#)

Security Week 2018

ETSI Headquarters, Sophia Antipolis, 11-15 June 2018

The ETSI Security Week 2018 taking place the week of 11-15 June 2018 will once again look at key cybersecurity challenges underpinning our digital world. The event will consider latest cybersecurity policies, legislative actions, cyberattacks and hot technologies. It will discuss the underlying cybersecurity challenges and resulting technical and standardization actions taken or needed to overcome them. [Read more...](#)

2nd MCPTT PLUGTESTS

College Station, Texas, United States of America, 25-29 June 2018

ETSI, with the support of TCCA, PSCR, TAMU and the European Commission, is pleased to announce the 2nd MCPTT Plugtests™ event, which will be hosted by the Texas A&M University (TAMU) from 25 to 29 June 2018 in College Station, Texas, USA. [Read more...](#)

2nd F-Interop 6TiSCH Interoperability Event

Paris, FR, 26-27 June 2018

ETSI organizes with LIST the second F-Interop 6TiSCH Interoperability event, in the framework of the SORT project, funded by the H2020 F-Interop open call. The event, hosted by Inria, will use the the F-Interop platform for the testing, with technical support from F-Interop partners. [Read more...](#)

10-10 webinar: The HAS Consultant framework

When: 10 April 2018, 10:00 CEST

As part of the 'ACTION PLAN Structural solutions to decrease the stock of non-cited harmonised standards' agreed between the ESOs and the Commission, the European Commission has created a new framework, replacing the current system of New Approach Consultants, for the joint assessment of harmonized standards in the sense of art. [Read more](#)

[Register through the 10-10 webinars' 2018 calendar](#)

3rd Indo European Conference on Standards and Emerging Technology

The Lalit, New Delhi , 26th April 2018

This conference will bring together key technical and subject matter experts from European and Indian community for sharing and learning about Standardization and Emerging Technologies covering following topics:

- M2M/IoT & its role in Smart Cities and Cyber Security;
- Automotive covering Electric mobility and ITS;
- Smart Energy covering Smart Grid, Smart Meter, LVDC, Micro Grid etc. [Read more](#)

You will find all the information related to the conference and registration by visiting the [conference's website](#)

StandarDays in 2018

When: 03-04 May 2018, Brussels

Newcomers will discover the world of European standardization and all participants will understand how standardization works. During StandarDays, you'll receive a clear and structured overview of the European Standardization System and of our (CEN and CENELEC) products and processes, as well as the benefits of stakeholder involvement. [Read more](#)

10-10 webinar: Taking effective decisions in Technical Committee meetings

When: 9 May 2018, 10:00 to 11:00 CEST

The focus of this webinar will be on finding the most effective way to formalise outcomes of Technical Committee meetings. The way TCs take decisions or define actions vary greatly, also number and formats of decisions have a significant impact on time lapse between their submission and handling by CCMC. Our aim is to optimise this process to improve the service we provide to the TCs. [Read more](#)

[Register through the 10-10 webinars' 2018 calendar](#)

10-10 webinar: Inclusiveness of the standardization system – How to ensure that all stakeholders are represented

When: 11 June 2018, 10:00 CEST

One of the strengths of the European Standardization System is its inclusiveness. A wide range of stakeholders contribute to the development of standards, each with their specific expertise. Find out why different stakeholders participate and learn more about the rights and obligations each of them has. [Read more](#)

[Register through the 10-10 webinars' 2018 calendar](#)

14th CEN and CENELEC Annual Meeting 2018

When: 20-21 June 2018

The 14th CEN and CENELEC Annual Meeting is hosted by SIST, the Slovenian Institute for Standardization, in a truly inspirational venue: Hotel Golf - Cankarjeva 4, 4260 Bled, Slovenia [\[map\]](#). [Read more](#)

Registration: on invitation from CEN and CENELEC only

Visit the [website for the 14th CEN and CENELEC Annual Meeting](#)

About Project SESEI 3

The SESEI project (Seconded European Standardization Expert in India) is a project co-funded by five European partners, operating from New Delhi, India, with the objective to increase the visibility of European standardization in India and to promote EU/EFTA-India cooperation on standards and related activities. The SESEI Project (<http://sesei.eu/>) is managed by the European Telecommunications Standards Institute (ETSI - <http://www.etsi.org/> - EU recognized Standards Organization for Telecommunication sectors) and is further supported by two other EU recognized Standards Organization, namely the European Committee for Standardization (CEN) and the European Committee for Electrotechnical Standardization (CENELEC) – <http://www.cenelec.eu>- which develop and adopt European standards in a wide range of products, services and processes, as well as by the European Commission (www.ec.europa.eu) and the European Free Trade Association (<http://www.efta.int/>). It is a Standardization focused project, with a priority emphasis on the sectors of ICT, Automotive, Electronic Appliances including Consumer Electronics and Smart Cities etc.

SESEI

European Business and Technology Centre
DLTA Complex, South Block, 1st Floor
1, Africa Avenue, New Delhi 110029
Mobile: +91 9810079461
Desk: +91 11 3352 1525 Board: +91 11 3352 1500
Fax: +91 11 3352 1501
E-mail: dinesh.chand.sharma@sesei.eu
www.sesei.eu

CEN - European Committee for Standardization www.cen.eu

CENELEC - European Committee for Electrotechnical Standardization
www.cenelec.eu

ETSI - European Telecommunications Standards Institute www.etsi.eu

EC - European Commission www.ec.europa.eu

EFTA - European Free Trade Association www.efta.int